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The British Geological Survey Earthquake Bulletin for 2022

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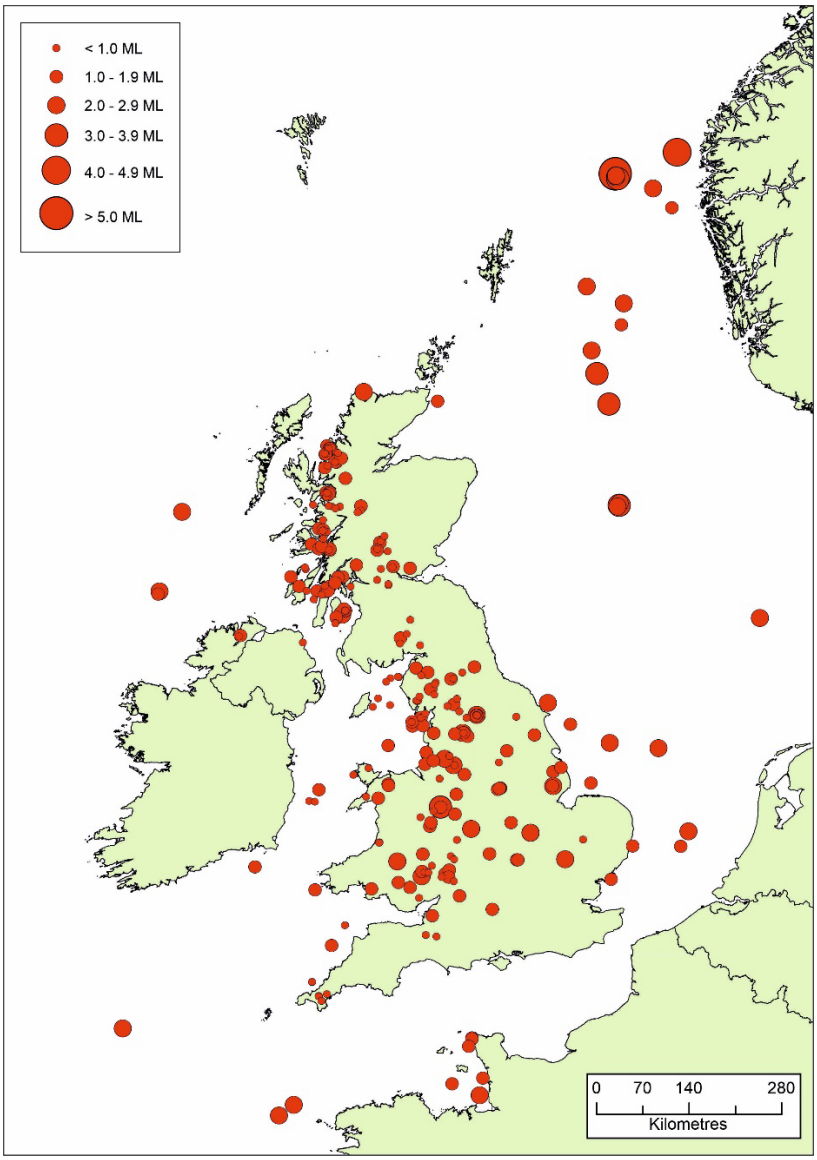

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1 Introduction

The British Geological Survey (BGS) through its National Earthquake Information Service operates a nationwide network of seismograph stations in the United Kingdom (UK). Earthquakes in the UK and coastal waters are detected within limits dependent on the distribution of seismograph stations. Location accuracy is improved in offshore areas through data exchange with neighbouring countries. This bulletin contains locations, magnitudes and phase data for all natural earthquakes detected and located by the BGS during 2022, listed in Tables 1 and 2. Maps showing seismic activity in 2022 (Figure 1), and the larger magnitude events since 1979 (ML> 2.5) and since 1970 (ML> 3.5) are also included. The bulletin covers all of the UK land mass and its coastal waters including the North Sea (12ºW to 6ºE and 48ºN to 64ºN).

All events believed to be of tectonic origin are included. Acoustic disturbances, such as sonic booms from supersonic aircraft, are included when they are felt. The airborne waves are readily identified by their slow travel time across an array but they are frequently mistaken as small earthquakes by the public. They are indicated by 'SONIC' in the locality column of Table 1.

Significant non-natural events, such as induced events and explosions, are also included in Table 1. Smaller events that are known or suspected to be of explosive origin are excluded from the bulletin where possible. These include explosions due to quarrying, mining, weapon testing or disposal, naval exercises, geophysical prospecting and civil engineering. Unfortunately, identification by record character, location and time of occurrence is not always conclusive and some man-made events may be included in the bulletin or, more rarely, a small natural event may have been excluded.

2 The BGS UK Seismograph Network

The UK seismograph network consists of 87 (57 permanent and 30 temporary) stations with broadband and strong motion accelerometers. Of the permanent sites, some 51 are equipped with broadband seismometers and 30 have strong motion accelerometers, 25 of which are co-located with broadband sensors. Data from all stations are transferred in near real-time to the BGS offices in Edinburgh for automatic processing, analysis and archiving. Seismic events are detected using automatic processing algorithms, but they can also be extracted manually from the archive of continuous data, then analysed to determine event types, locations and magnitudes. Operational BGS seismograph stations are shown in Figure 2.

The detection capabilities of a network depend upon station distribution, instrument sensitivity and background noise levels. Figure 2 also shows the magnitude detection thresholds for the seismograph stations operational during 2022. The contours show earthquake magnitudes (ML) that can be detected. Signal amplitudes must exceed the background noise level by a factor of two at four or more stations. A noise amplitude of 10 nm (high noise) is assumed for all stations. These detection levels hold true only if all stations are operational and that noise levels do not change. Smaller events may go undetected unless they are felt and reported to BGS by local inhabitants, in which case detection can be strongly dependent on the population density.

In average noise conditions (4 nm) we expect the network to detect all events with a magnitude of approximately 1.5 ML and above. Noise sources such as wind, ocean waves and traffic vary considerably with time (typically 0.5 to 15 nanometres, at 10 Hz) causing the magnitude thresholds to increase or decrease. In conditions of high noise, 0.5 ML should be added to the contour values, causing the threshold to rise to about 2.0 ML. Normally, however, an earthquake of this size would be felt, if not detected, in the areas of poorer instrumental coverage. Therefore, we expect the

bulletin to contain all earthquakes of magnitude 2.0 ML and above during periods where all stations were operational and noise levels did not exceed a threshold of 10 nm.

Given the variability in the earthquake detection threshold, as governed by ambient noise conditions and the geometry of the observing network, the bulletin is biased towards certain localities. Figure 3 shows only earthquakes with magnitude 2.5 ML or above, in the period 1979 to 2022. The data set is considered complete for these magnitudes in all localities onshore. Seismicity for the period 1970 to 2022 is shown in Figure 4 with a threshold magnitude of 3.5 ML. In the time period from 1970 to 1979, the only seismic monitoring instrumentation was the network around Edinburgh (LOWNET) and Eskdalemuir (ESK) and a station near Kyle of Lochalsh (KYL). As a result, the data set is only likely to be complete for magnitudes of 3.5 ML and above.

3 Earthquake Parameters and Their Errors

HYPOCENTRE LOCATION

By accurately measuring the arrival times of at least four seismic phases at a minimum of three stations, a location can be found for an earthquake that satisfies the observed pattern of arrivals. Instrumental locations in the bulletin were obtained using the computer program HYPOCENTER (Lienert and Havskov 1995) that iteratively adjusts a trial hypocentre (latitude, longitude, depth, and origin time) until the observed and computed arrival times coincide closely.

The accuracy of locations is dependent on distances from the closest stations, the distribution of the stations around the epicentre, the resolution to which signal onsets can be timed from the records, and the accuracy with which the seismic wave velocities through the Earth are known.

The accurate determination of earthquake depth presents a more difficult problem, mainly because phase arrival patterns at the seismographs can still be satisfied for a large range of depths merely by adjusting the origin time to suit. Depth is usually only well constrained when there is a station very close to the epicentre.

The best depth determinations are obtained when an earthquake or earthquake series occurs almost beneath a network. For events at larger distances the depth errors can be many kilometres.

MAGNITUDE

All earthquakes in the bulletin have been assigned a local magnitude (ML) as defined by Richter (1935):

$$ML = \log_{10} (A/ A_0)$$

Where A is the maximum deflection (centre to peak in mm) registered on a Wood-Anderson seismograph and A_0 is that for a 'standard' magnitude zero earthquake at the same distance. The A_0 term is thus a distance correction factor, tabulated by Richter to 200 km, and later adjusted to include up to 600 km. Although Richter intended his method to be an approximate quantification of earthquake size and his attenuation term, A_0, strictly only applies to California, the formula is still used worldwide today. The ML magnitudes in this bulletin have been calculated according to Richter's formula after converting the output of the BGS instruments to an equivalent Wood-Anderson deflection. Ideally, the measurements are made on two horizontal instruments and averaged but, if this is not possible, the mean of the magnitudes from a number of verticals are used. Ground motion registered at a seismograph varies with site conditions, distance and direction from the earthquake, and the nature of the ray path. Consequently, it is important to take the mean from a good distribution of stations. The resulting error on magnitudes quoted in the bulletin will normally be less than 0.4 ML.

INTENSITY

Intensity is a measure of the effect of the shaking produced by an earthquake on people, structures and objects. It decreases with distance from a maximum value (I_{max}) usually found close to the epicentre. The maximum felt intensity is quoted, where known, with reference to the European Macroseismic Scale (EMS), (Grünthal, 1998).

FOCAL MECHANISM

Earthquake focal mechanisms provide information on the fault geometry and type of faulting that caused the earthquake and can be used to better understand tectonic processes occurring within the Earth's crust. Calculating them involves mapping directions where the initial motion of the seismic P-waves is up (compressional) or down (dilatational) on a spherical projection. This results in distinctive "beach-ball" diagrams that show two shaded quadrants and two white quadrants that represent upward and downward initial motions. The dividing lines between the quadrants on the "beach-ball" define the orientation of the fault planes and the directions of slip. It is not possible to determine which of the two possible fault planes shown in the mechanism is the actual fault, so *a priori* information such as aftershock distribution is sometimes used to infer the causative fault. The strike and dip describe the orientation of the fault, and the rake describes the direction of slip (-90° for thrust or reverse faulting, 90° for normal faulting and 0° or 180° for strike-slip). The axes of maximum and minimum compression are denoted by black and white squares, respectively. The grid search method of Snoke *et al.* (1984) is used to determine the best-fitting fault plane solutions.

4 Summary of 2022 Seismicity

There were 292 earthquakes located by the BGS seismic monitoring network during the year, with 42 having magnitudes of 2.0 ML or above, seven having magnitudes of 3.0 ML or above, two having magnitudes of 4.0 ML and above and one having a magnitude of 5.0 ML or above. Some eight events with a magnitude of 2.0 ML or above were reported felt, together with a further nine smaller ones, giving a total of 17 felt earthquakes in 2022.

Of the 292 earthquakes located three of them were events, with focal depths of around 4 km and magnitudes between 1.1 ML and 1.7 ML, that occurred near the hamlet of Bodelva, Cornwall, the location of the Eden Project. They were recorded by a local network belonging to Eden Geothermal Ltd and were a consequence of them drilling a well, which is intended for geothermal energy production. They occurred at 20:21 UTC on 23 January (magnitude 1.1 ML), at 13:01 UTC on 5 March (magnitude 1.5 ML) and at 21:22 UTC on 9 March (magnitude 1.7 ML). The largest of the three events was reported felt to both the BGS and to the site operators by residents in Garker and Luxulyan, Cornwall. Typical reports described, "a moderate shaking and rumbling" and "it sounded and felt like bad thunder", indicating an intensity of around 3 EMS.

The largest onshore earthquake in 2022, with a magnitude of 3.8 ML and a focal depth of around 9 km, occurred at 14:36 UTC on 30 May near the market town of Wem, Shropshire (Figure 5). The BGS received over 630 reports, via online macroseismic questionnaires, of the earthquake being felt in Shropshire and surrounding areas, mainly from within around 50 km of the epicentre. Reports described, "house felt like it moved from left to right", "noticeable shaking experienced through the floor", "my chair seemed to wobble", "felt an odd trembling through my office chair lasting around three seconds" and "all the windows rattled". A maximum intensity of 5 EMS was assigned for this event (Figure 6). It locates around 45 km northwest of the magnitude 4.7 ML Dudley, West Midlands earthquake on 22 September 2002 and around 50 km NNE of the magnitude 5.1 ML Bishop's Castle earthquake on 2 April 1990, which were both felt over most of England and Wales with maximum intensities of 6 EMS. Historically, the largest earthquake to

have occurred nearby, within 30 km, was the magnitude 4.6 ML Stafford earthquake that occurred on 14 January 1916. It was felt throughout the region from Lancaster in the north to Bristol in the south, and from Cardiff in the west to Norwich in the east and caused considerable damage to many buildings in and around Stafford.

The largest offshore earthquake in 2022, with a magnitude of 5.2 ML and a focal depth of 10 km, occurred at 05:32 UTC on 21 March with a location in the Norwegian Sea, approximately 240 km northeast of Lerwick, Shetland Islands and 210 km northwest of Bergen, Norway (Figure 7). It was reported felt in Norway, in Shetland and in northeast Scotland (Aberdeen, Ellon, Stonehaven, Huntly, Helmsdale, Inverurie, Banff, Lairg and Fraserburgh). Reports, from Scotland, described, "lying in bed and heard a low rumbling sound", "three waves of vibration in about three seconds", "it woke me up as the windows rattled", "the bed shook and windows creaked", "bathroom mirror rattled" and "felt it as well as heard it, enough to wake me up". A maximum intensity of 4 EMS was assigned for this event. It locates approximately 290 km north of the magnitude 4.7 ML Central North Sea earthquake on 30 June 2017, that was felt in Shetland, Orkney, Highland and Aberdeenshire and 210 km north of the magnitude 5.7 ML Northern North Sea earthquake on 24 January 1927, that was felt throughout western Norway and down most of the east coast of Scotland. At 01:47 UTC on 26 August an earthquake with a magnitude of 4.2 ML and a focal depth of around 19 km, occurred in the Norwegian Sea, approximately 55 km WNW of Floro, Norway and 340 km northeast of Lerwick. It was reported felt in several locations in western Norway with a maximum intensity of 3 EMS. A further 25 earthquakes occurred in the Norwegian/North Sea areas during the year, with magnitudes between 1.0 ML and 3.6 ML.

At 14:01 UTC on 2 February an earthquake, with a magnitude of 1.6 ML and a focal depth of around 7 km, occurred near the village of Tarbert, Argyll & Bute. It was reported felt by a single household in Tarbert, who described "we all felt a weak trembling", indicating an intensity of 2 EMS. It locates around 35 km SSW of the magnitude 5.2 ML Argyll earthquake on 28 November 1880, the largest of all recorded Scottish earthquakes, which was felt all along the west coast of Scotland, east as far as Perthshire, throughout the Inner and Outer Hebrides and extensively in Northern Ireland.

An earthquake, with a magnitude of 2.8 ML and a focal depth of around 8 km, occurred at 22:59 UTC on 21 February near the market town of Walsall, West Midlands (Figure 8). The BGS received over 180 reports, via online macroseismic questionnaires, of the earthquake being felt in Walsall, Wolverhampton, Birmingham, Dudley, and surrounding areas, mainly from within approximately 20 km of the epicentre. Typical reports described, "heard a faint rumbling before sensation of being hit in the back of the chair", "my first thought was something had fallen off the bed", "was like a wardrobe had fallen over or an explosion blast against the window", "heard a rumbling sound and vibration like a large object was rolling past" and "felt the whole house shake". A maximum intensity of 5 EMS was assigned for this event (Figure 9). This event locates approximately 15 km east of the magnitude 4.7 ML Dudley earthquake on 22 September 2002, which was felt over most of England and Wales with a maximum intensity of 6 EMS. Historically, other large events have been known to occur in the immediate area (within 10 km), the largest being the magnitude 4.0 ML Walsall earthquake on 9 July 1937, which was felt in the Walsall and Wolverhampton areas and caused windows and crockery to rattle.

Ten earthquakes, with focal depths between 6 km and 9 km and magnitudes between 0.4 ML and 2.2 ML, occurred near village of Ramsgill, North Yorkshire during the year. The largest two, both with a magnitude of 2.2 ML, occurred at 01:54 UTC on 23 February (Figure 10) and at 08:19 UTC on 27 May. None were reported felt.

An earthquake, with a magnitude of 2.4 ML and a focal depth of around 12 km, occurred at 18:48 UTC on 17 April in the North Atlantic Ocean. It located in the Rockall Trough area, approximately 90 km SSE of the Hebrides Seamount and 100 km northwest of Derrybeg, County Donegal. A month later, at 17:59 UTC on 20 May, a magnitude 1.4 ML earthquake occurred at a similar depth and in a similar location. One further event occurred in the North Atlantic Ocean region during

the year. It occurred at 03:06 UTC on 19 July with a magnitude of 2.2 ML, a similar depth of 12 km and a location in the Rockall Trough area, approximately 50 km ENE of the Hebrides Seamount and 110 km WSW of Castlebay, Isle of Barra, Outer Hebrides. This is an area that has experienced little seismicity in both the historical and instrumental periods, with only a few events located within a 100 km radius of these events. The largest being an earthquake with a magnitude of 3.3 ML on 13 April 1980.

At 09:48 UTC on 24 April an earthquake, with a magnitude of 1.9 ML and a focal depth of around 3 km, occurred near the small hamlet of Kiltyrie, Perth & Kinross, approximately 7 km ENE of the historic conservation village of Killin. It was reported felt in the nearby hamlet of Milton Morenish and also near Ben Lawers car park on the trail running by Beinn Ghlas. Reports described, "it was like when you feel an underground train running under the street", "thought it was an explosion" and "both ourselves and the neighbours thought it was a sonic boom from a jet fighter". A maximum intensity of 3 EMS was assigned for this event. This is the largest event in the general region since the magnitude 2.2 ML Comrie earthquake on 6 June 2020, which was felt with intensities of at least 3 EMS in Comrie, Crieff, St Fillans and surrounding villages and hamlets, including Killin and Kiltyrie. The area around Comrie has experienced a number of earthquake sequences or "swarms" in the past. For example, from 1788 to 1801 and 1839 to 1846. However, there has been relatively little seismicity in more recent times. The largest of all these was a magnitude 4.8 ML earthquake that occurred on 23 October 1839 and was felt over most of Scotland. It was also felt just across the English border, making it one of very few Scottish earthquakes to be felt in England. Significant damage was reported in Comrie and the surrounding area.

Two earthquakes occurred near the town of Corby, Northamptonshire during the year. The first occurred at 10:31 UTC on 6 May, with a magnitude of 2.3 ML and a focal depth of around 6 km (Figure 11) and the second at 00:40 UTC on 10 May, with a magnitude of 2.1 ML and a focal depth of around 7 km. The magnitude 2.3 ML event was reported felt by several residents in Corby, Oundle and in a few other villages, mainly from within around 10 km from the epicentre. Reports described, "it sounded like an explosion", "felt like an underground explosion" and "the windows rattled and the house shook". The magnitude 2.1 ML event was only reported felt in Oundle and Bragstock where reports described "woke up to a rumbling sound" and "we thought it was a heavy lorry going by outside". An intensity of 3 EMS was assigned for both these earthquakes. These events locate approximately 28 km SSE of the magnitude 3.8 ML Oakham earthquake on 28 January 2015, which was widely felt in the region, mainly from around 50 km of the epicentre, with a maximum intensity of 4 EMS. They also locate approximately 40 km SSE of the magnitude 4.1 ML Melton Mowbray earthquake of 28 October 2001, which was felt over an area of some 25,000 km^2 (Isoseismal 3).

An earthquake, with a magnitude of 1.8 ML and a focal depth of around 9 km, occurred at 07:47 UTC on 21 May near Oban, Argyll & Bute. It was reported felt in Oban, North Connel, Glencruitten, Baracaldine and on Lismore. Reports described, "felt vibration through floor", "there was a loud rumble like an explosion", "felt like the bed vibrated" and "wasn't sure at first if it was thunder but when patio doors vibrated, I thought it was too much for thunder". An intensity of 3 EMS was assigned for this earthquake. It locates approximately 12 km southeast of the magnitude 4.1 ML Oban earthquake of 29 September 1986, which was felt over an area of around 30,000 km^2 with a maximum intensity of 5 EMS.

At 15:28 UTC on 26 May, an earthquake with a magnitude of 1.6 ML and a focal depth of around 8 km, occurred near the small village of Poolewe, Highland. It was reported felt by a single resident in Poolewe, who described "a moderate rumbling". An intensity of 2 EMS was assigned for this event. It locates approximately 15 km NNW of the magnitude 3.4 ML Kinlochewe earthquake on 11 June 1978 which was felt throughout the region with a maximum intensity of 4 EMS. Ten other earthquakes occurred near Poolewe during the year with magnitudes between 0.8 ML and 1.7 ML. None were reported felt.

An earthquake, with a magnitude of 2.1 ML and a focal depth of around 8 km, occurred at 07:59 UTC on 30 May on the Isle of Arran, North Ayrshire. It was reported felt by a single resident in Whiting Bay, Arran who described "a moderate shaking". An intensity of 2 EMS was assigned for this event. This is the largest event detected in the general area since the magnitude 4.0 ML Arran earthquake on 4 March 1999 which was widely felt (up to 150 km away) with a maximum intensity of 5 EMS.

At 01:51 UTC on 1 June an earthquake, with a magnitude of 2.7 ML and a focal depth of around 16 km, occurred near the market town of Colne, Lancashire (Figure 12). The BGS received over 40 reports, via online macroseismic questionnaires, of the earthquake being felt in Colne, Skipton, Earby, Barnoldswick and a few other villages in the area, mainly from within approximately 15 km from the epicentre. Reports described, "the building gave a quick shudder", "the quake woke me up with a noise like rumbling thunder", "heard a rumbling noise then felt a quick jolt" and "all the doors and windows rattled". A maximum intensity of 4 EMS was assigned for this event. Another three earthquakes occurred near Colne in the following weeks, they occurred on 2 June, 3 June and 6 July with magnitudes of 1.1 ML, 1.9 ML and 1.5 ML, respectively. None were reported felt. Although the general area is seismically active, this is the largest event in the area since the magnitude 3.2 ML Accrington, Lancashire earthquake on 13 October 1984, approximately 22 km to the southwest, which was felt with intensities of at least 4 EMS. Historically, the largest event in the region, with a magnitude of 4.8 ML, occurred on 30 December 1944 near Skipton, North Yorkshire and was felt with intensities of 6 EMS.

A magnitude 2.7 ML earthquake with a focal depth of 10 km occurred at 07:05 UTC on 13 July, with an epicentre in the Celtic Sea, approximately 150 km SSE of the Isles of Scilly and 180 km SSW of Penzance, Cornwall. A further seven events were detected in the Celtic Sea during the year, with magnitudes between 0.4 ML and 2.4 ML, of which none were felt.

At 15:51 UTC on 31 July an earthquake, with a relatively small magnitude of 1.0 ML and a focal depth of around 8 km, occurred near the village of Lochearnhead, Stirling. It was reported felt by a single household in Lochearnhead, residing less than a kilometre from the epicentre, who described "we heard thud from outside" and "we thought something had fallen over near the house". A maximum intensity of 2 EMS was assigned for this event.

An earthquake, with a magnitude of 1.5 ML and a focal depth of 7 km, occurred at 08:24 UTC on 18 September approximately 4 km northeast of the coastal town of Porthmadog, Gwynedd. It was reported felt by a household in Cym-y-glo who described, "a faint rumbling like a distant military jet" and "we felt it through bare feet on a concrete floor" and by another in Penygroes who described, "a weak shaking". A maximum intensity of 3 EMS was assigned for this event. This event locates approximately 20 km east of the magnitude 5.4 ML Lleyn Peninsula earthquake, on 19 July 1984, which was felt throughout England and Wales and into Scotland and Ireland, with a maximum intensity of 6 EMS. Historically, larger earthquakes have also been known to occur in the area, the largest being a magnitude 5.3 ML earthquake that occurred on 9 November 1852 and a magnitude 5.2 ML earthquake that occurred on 7 October 1690.

At 08:37 UTC on 11 October an earthquake, with a magnitude of 1.8 ML and a focal depth of around 8 km, occurred some 4 km WSW of the market town of Llanrwst, Conwy. It was reported felt in Llanberis, Cym-y-glo, Bethesda, Llanllechid and Tregarth. Reports described, "a weak shaking", "a loud rumbling noise and loud bang like something falling", "it was like a distant military jet, but rumbling had a sharp rise and longer fade away than usually noticed" and "it was like a heavy lorry going past". A maximum intensity of 3 EMS was assigned for this event. It locates approximately 20 km ESE of the magnitude 2.9 ML Bangor earthquake on 10 February 1994, which was felt over an area of around 2,600 km^2 with a maximum intensity of 5 EMS.

An earthquake, with a magnitude of 1.4 ML and a focal depth of around 4 km, occurred at 23:56 UTC on 3 November near the hamlet of Arnisdale, on the Glenelg peninsula, Highland. It was reported felt by a single household in Arnisdale, who described "felt like a heavy object had fallen" and "at first, we thought it was a distant sonic boom". A maximum intensity of 2 EMS was

assigned for this event. Thirteen other earthquakes occurred in the region around Arnisdale and Loch Hourn, Highland during the year with magnitudes between 0.5 ML and 1.6 ML. None were reported felt.

On 15 February the BGS received numerous reports (over 190 via online macroseismic questionnaires) from residents in Lancashire, Merseyside, Greater Manchester and Cheshire of a possible event at around 11:00 UTC. Reports described "it came in two waves, for a matter of seconds in total", "sound like a thunder rumble", "the roof creaked" and "the back door rattled". Data from the BGS seismic networks in the region were examined and signals consistent with a possible sonic origin were recorded between 11:00 UTC and 11:04 UTC on several stations. The RAF and BAE Systems were contacted and a spokesperson for BAE Systems said, "We can assure people that the noise reported in the Southport area today was a supersonic boom from one of our Typhoon aircraft, which was undergoing flight testing in an offshore range area".

5 UK Seismicity Statistics

Figure 13 shows a histogram of mainland UK earthquakes above magnitude 2.0 detected each year in different magnitude ranges. This shows significant variation across the 53 years of modern instrumental monitoring. In the first few years of the 1970s, instrumental coverage across the UK was sparse and relatively few events were detected although more events were detected in the second half of the decade. The annual catalogues are thought to be complete at magnitude 3.5 ML or greater for 1970 to 1978, and for magnitude 2.5 ML and greater from 1979. Almost all of the earthquakes above 2.5 ML would be felt by people. Some of the peaks seen in Figure 13 have obvious explanations:

- In 1980, there was a continuing long aftershock sequence of the Carlisle earthquake of 26 December 1979 (4.7 ML). The largest two (both 3.8 ML) occurred in January and December 1980, the latter almost one year later than the mainshock. A local, temporary station was installed in a Longtown church three days after the mainshock, followed by three more distant stations in 1980.

- The largest instrumentally recorded earthquake onshore UK occurred on the Lleyn Peninsula, Gwynedd in 1984 (19 July) with a magnitude of 5.4 ML. A multi-station monitoring network was installed, shortly afterwards, across North Wales. The aftershock sequence continued for more than a year and confirmed that the activity was relatively deep for UK earthquakes, at around 20 km.

- The high peak in 2002 is dominated by an earthquake sequence near Manchester, which started on 19 October 2002 and continued until January 2003. Some 53 events above magnitude 2.0 ML were recorded and 37 were felt, the largest with a magnitude of 3.9 ML. Temporary stations were deployed to record the smaller events.

- The peak in 2014, is the result of an extended coal-mining induced series of earthquakes near New Ollerton, Nottinghamshire, which were studied with a temporary mobile network of monitoring stations. Some 65 events were felt, of which ten were magnitude 2.0 ML or greater.

- In 1974-75, there are clear peaks in earthquakes with magnitudes of 3.0 ML and greater during this period; around half of them were centered near Kintail, NW Scotland. There were few monitoring stations in the UK at this time, so it is not known whether they were accompanied by many or a few smaller magnitude events.

- The Bishop's Castle, Shropshire, earthquake in April 1990 (5.1 ML), the Market Rasen, Lincolnshire earthquake in February 2008 (5.2 ML) and the Cwmllynfell, Neath Port Talbot earthquake in February 2018 (4.6 ML) all showed very limited aftershock sequences despite

being well monitored. The Bishop's Castle earthquake had seven aftershocks (all less than or equal to 1.5 ML and none felt), the Cwmllynfell earthquake also had seven aftershocks (all less than equal to 2.2 ML and none felt) and the Market Rasen earthquake had eleven aftershocks, with magnitudes between 0.6 ML and 2.8 ML, (the largest felt locally).

- The year 2016 is quite remarkable for producing the fewest earthquakes in the whole 53 year series, in all magnitude ranges above 2.0 ML, with a total of only three events in the 2.0 ML - 2.9 ML range and none above that.

Figure 14 shows the statistics for all earthquakes known to be felt from 1979 to 2022, including those below magnitude 2.0 ML. As might be expected, Figure 14 shows three of the same peaks as for the event occurrences seen in Figure 13: namely the 1984 Lleyn, 2002 Manchester and 2014 New Ollerton events. However, there were many events felt with magnitudes below 2.0 ML, and these were mainly related to coal mining.

Acknowledgements

We are indebted to the States of Jersey Meteorological Office and many individuals who assisted with station operation. This report is published with the approval of the Director of the British Geological Survey (UKRI).

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Sellafield Ltd
Jersey Water
Scottish & Southern Energy plc
Scottish Power
Scottish Water
China General Nuclear
BRBGenCo
Natural Environment Research Council

Exchange of data with UK and European agencies, has contributed to the accuracy of location of some of these events and to the determination of their magnitudes. They include:

Atomic Weapons Establishment (Blacknest, UK)
Centre Seismologique Euro-Mediterranean (Bruyères-le-Châtel, France)
Dublin Institute for Advanced Studies (Dublin, Ireland)
Eden Geothermal Limited
Institute de Physique du Globe (Paris, France)
Koninklijk Nederlands Meteorologisch Instituut (Ae de Bilt, Netherlands)
Laboratoire de Detection et de Geophysique (Bruyères-le-Châtel, France)
NORSAR (Oslo, Norway)
Réseau National de Surveillance Sismique (Strasbourg, France)
Royal Observatory of Belgium (Brussels, Belgium)
University of Bergen (Bergen, Norway)
United Downs Deep Geothermal Project (UDDGP, UK)

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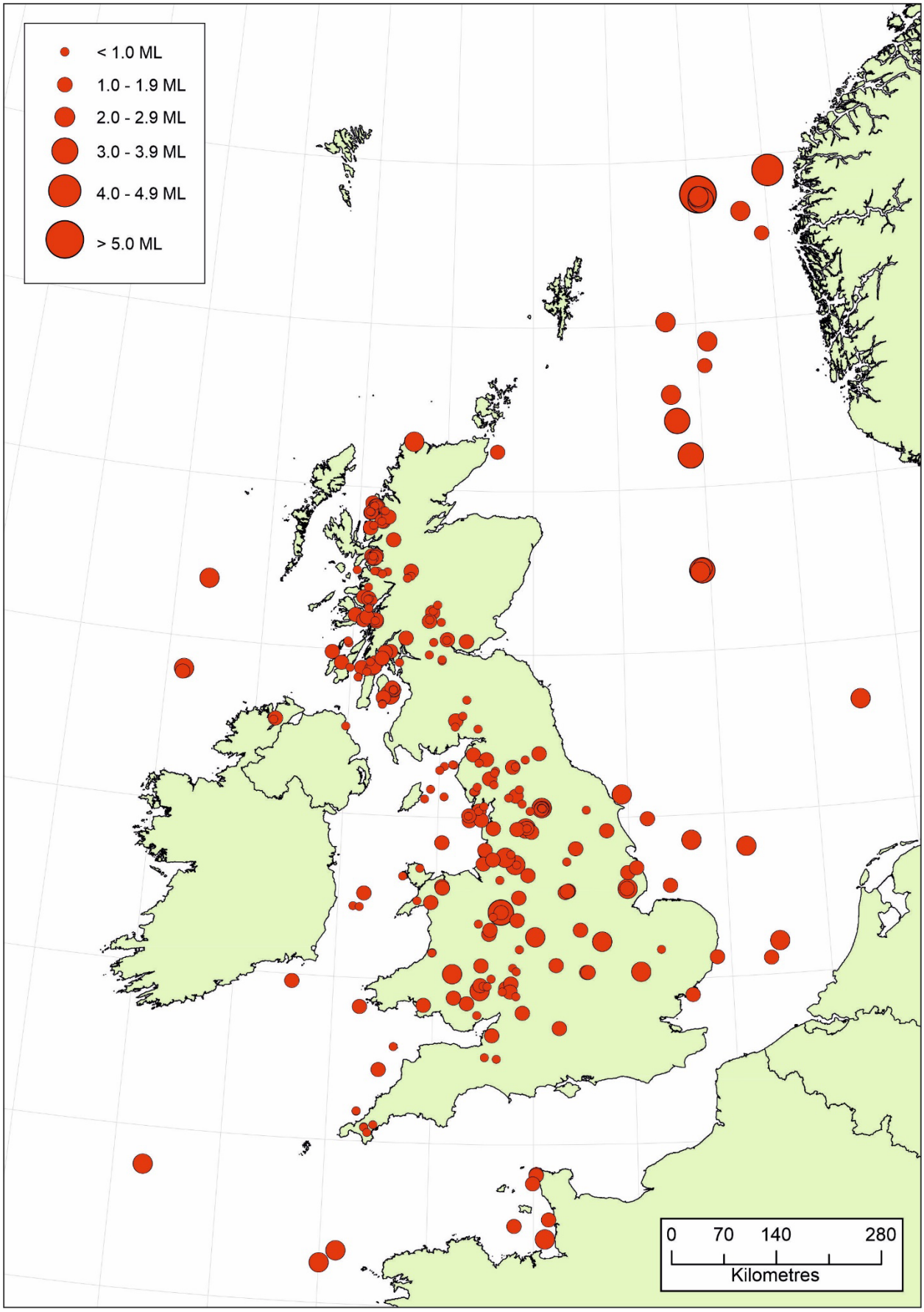

Figure 1. Epicentres of earthquakes in 2022 as listed in Table 1.

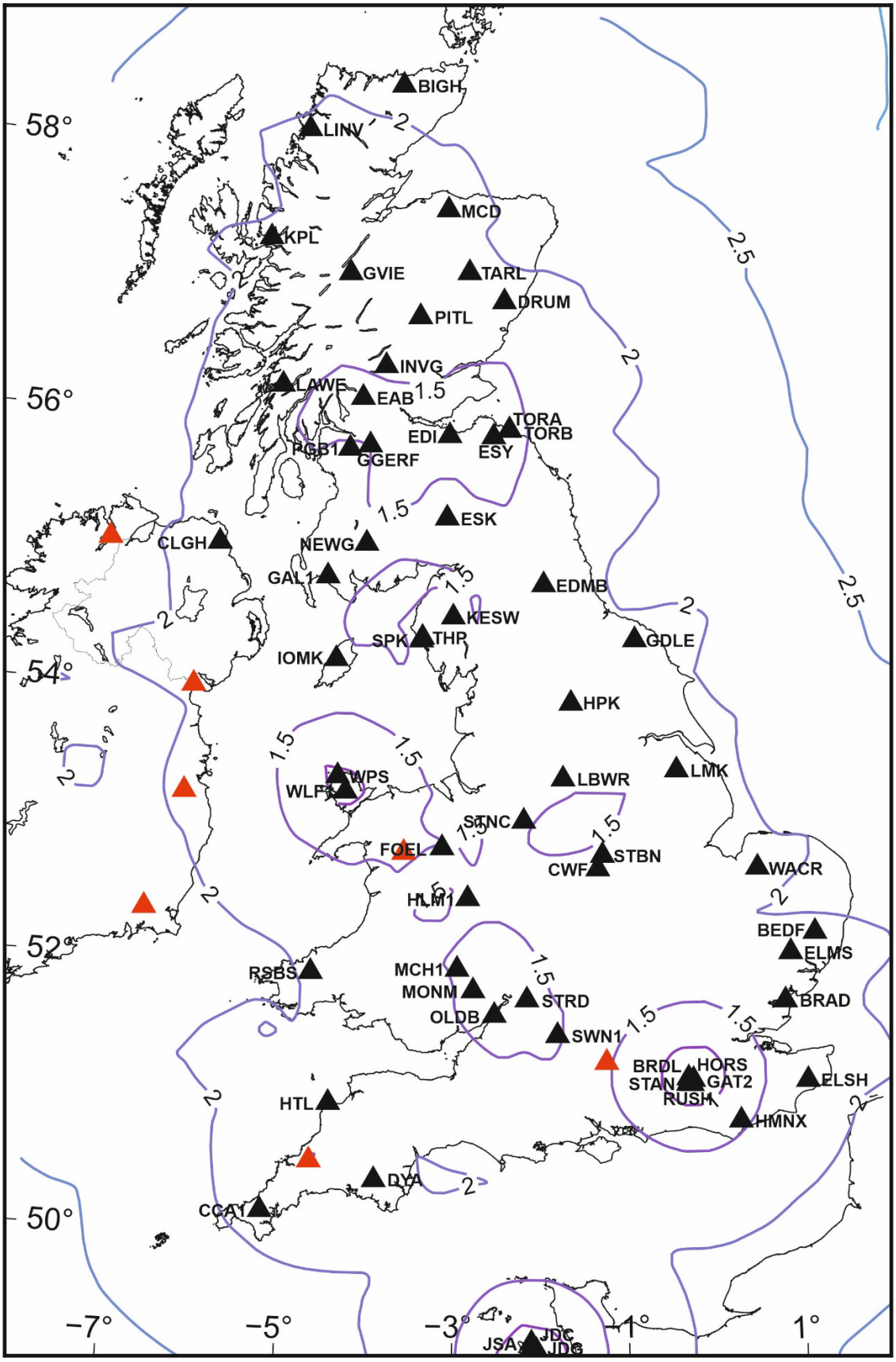

Figure 2. Detection capability of the network during 2022. The contours show earthquake magnitudes (ML) that can be detected. Signal amplitudes must exceed the background noise level by a factor of two at four or more stations. A noise amplitude of 10 nm (high noise) is assumed for all stations. Black triangles show stations operated by BGS. Red triangles show stations operated by partner agencies that are incorporated into our real time data acquisition and contribute to our detection and location capability.

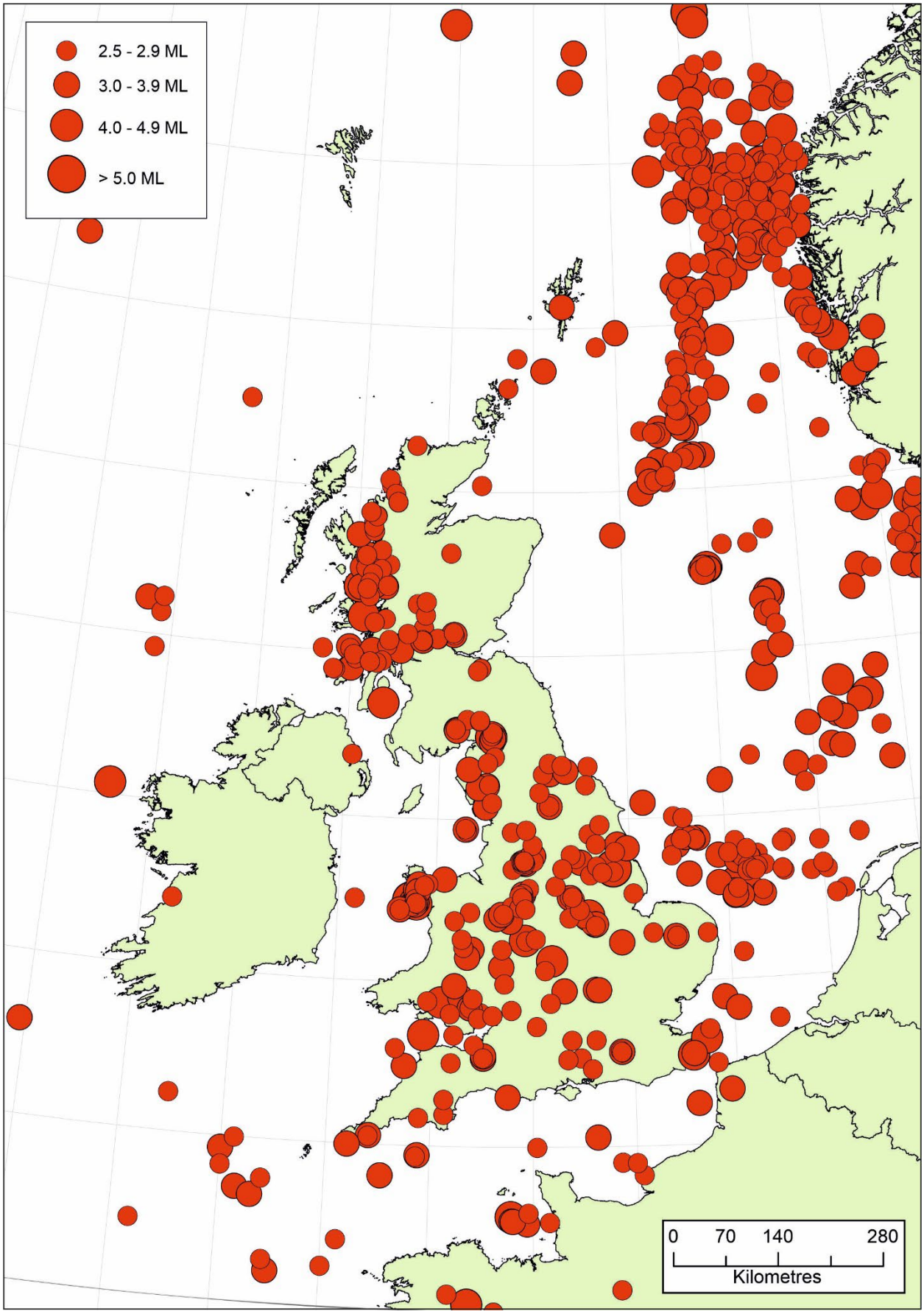

Figure 3. Epicentres of earthquakes with magnitudes of 2.5 ML and above, in the period 1979 to 2022.

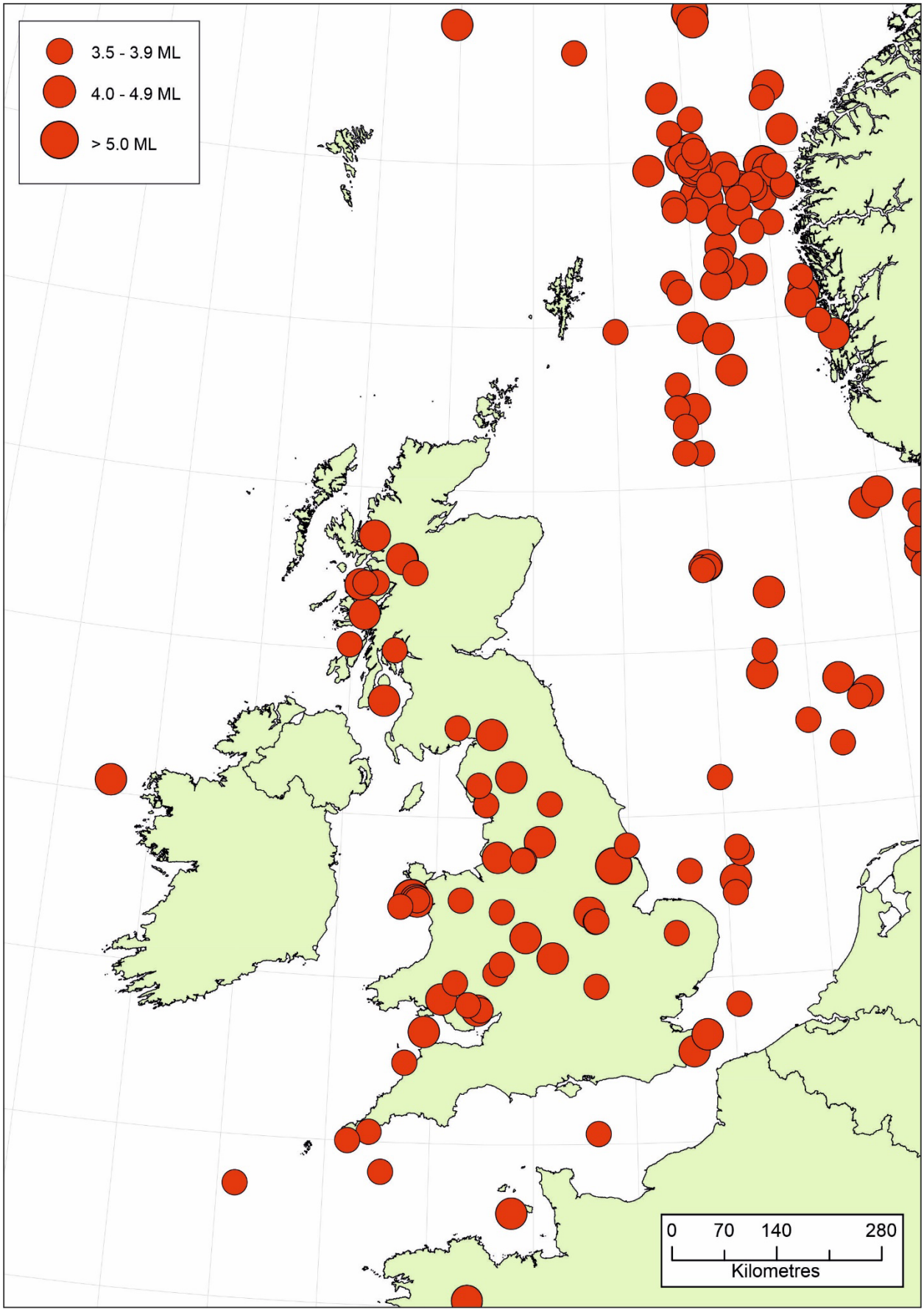

Figure 4. Epicentres of earthquakes with magnitudes of 3.5 ML and above, in the period 1970 to 2022.

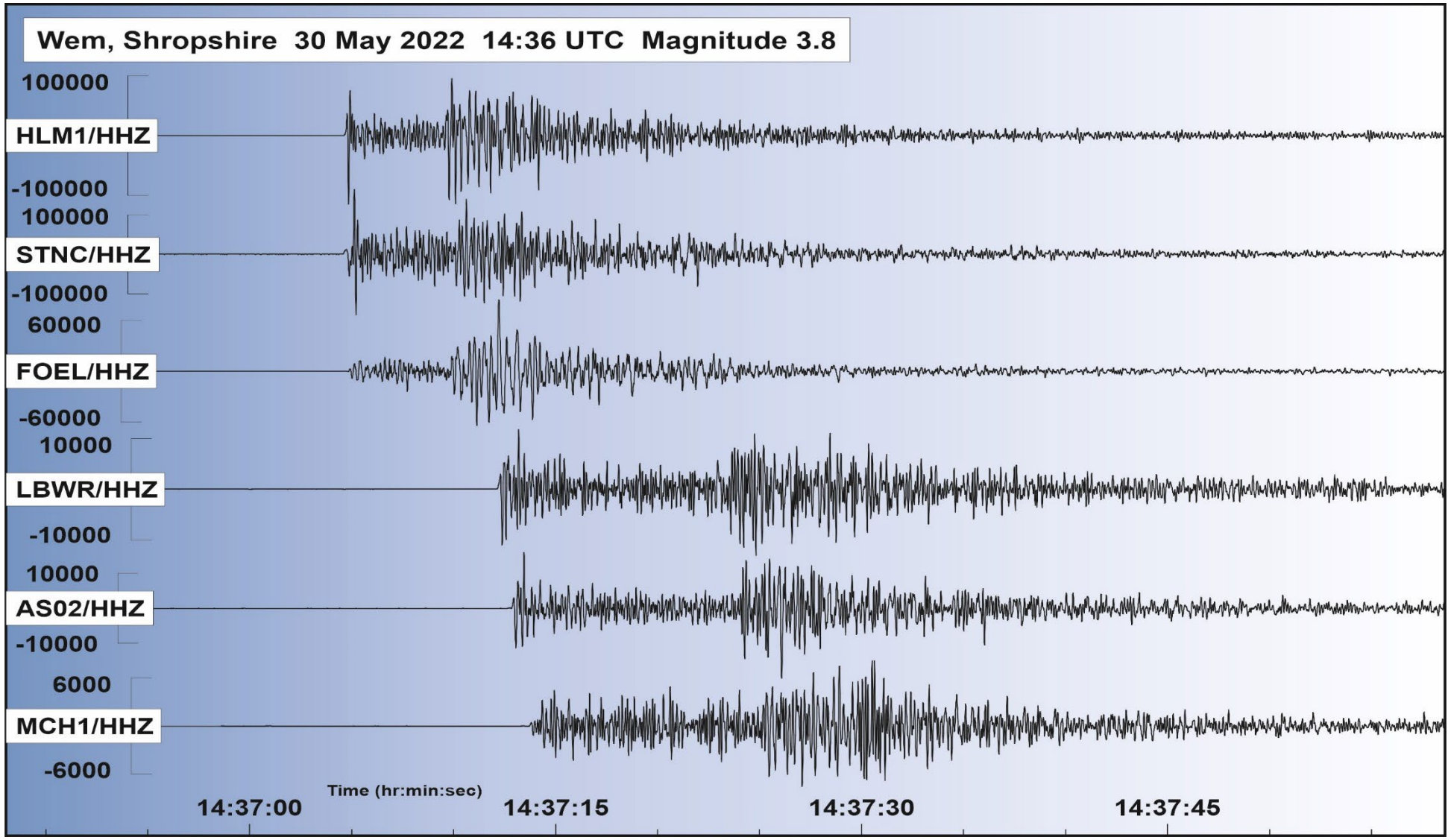

Figure 5. Seismograms of the ground displacements from the magnitude 3.8 ML Wem, Shropshire earthquake, 30 May 2022, recorded by BGS seismograph stations.

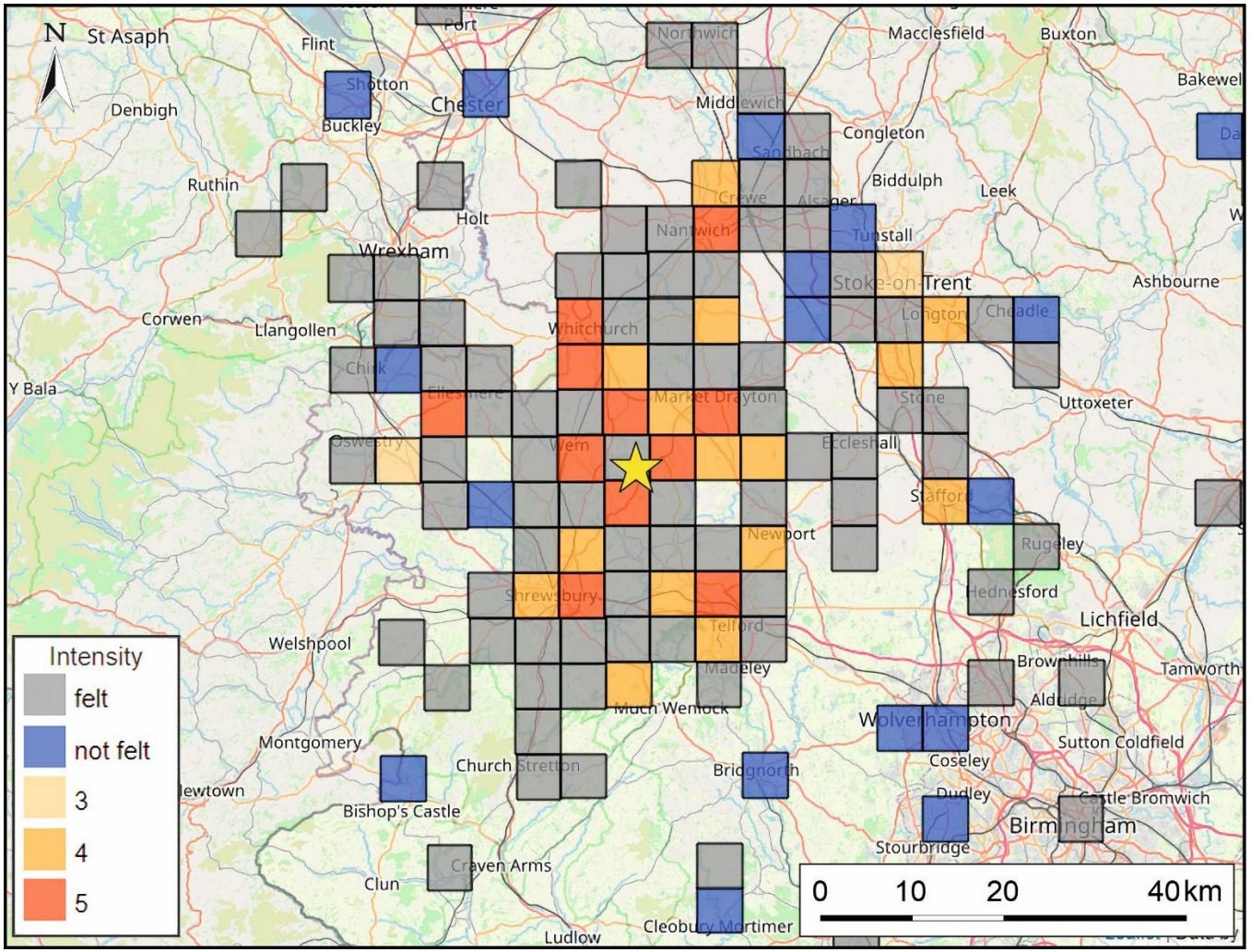

Figure 6. Macroseismic intensities (EMS) for the magnitude 3.8 ML Wem, Shropshire earthquake on 30 May 2022. The yellow star shows the epicentre. Intensities are calculated in 5 km grid squares from over 630 reports from people who felt the earthquake. A minimum of five observations are needed in any grid square to calculate a value of intensity, otherwise the value is calculated as 'Felt' but no intensity is calculated (grey squares). Blue squares indicate that any reports from these locations suggested that the earthquake was 'Not Felt'.

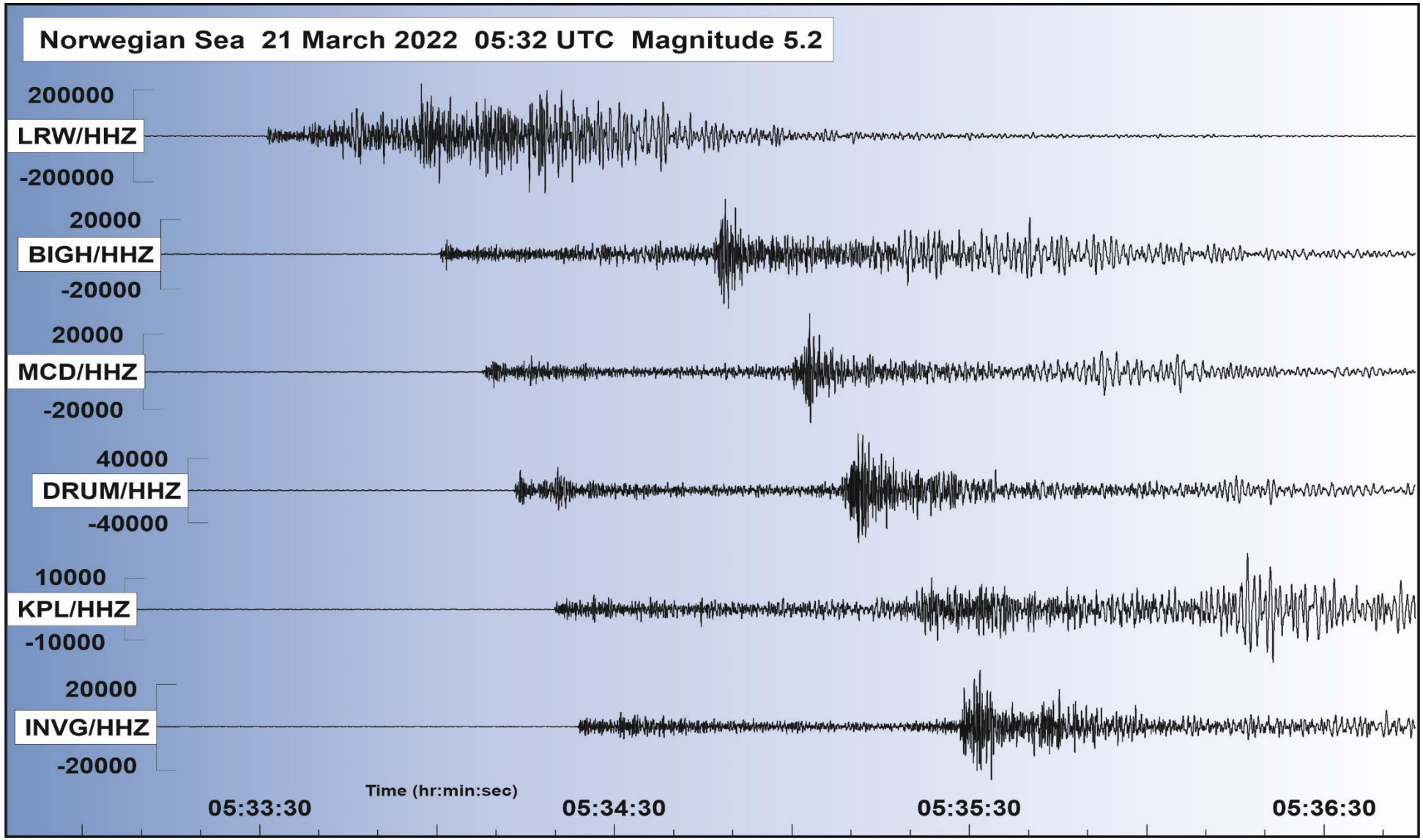

Figure 7. Seismograms of the ground displacements from the magnitude 5.2 ML Norwegian Sea earthquake, 21 March 2022 recorded by BGS seismograph stations.

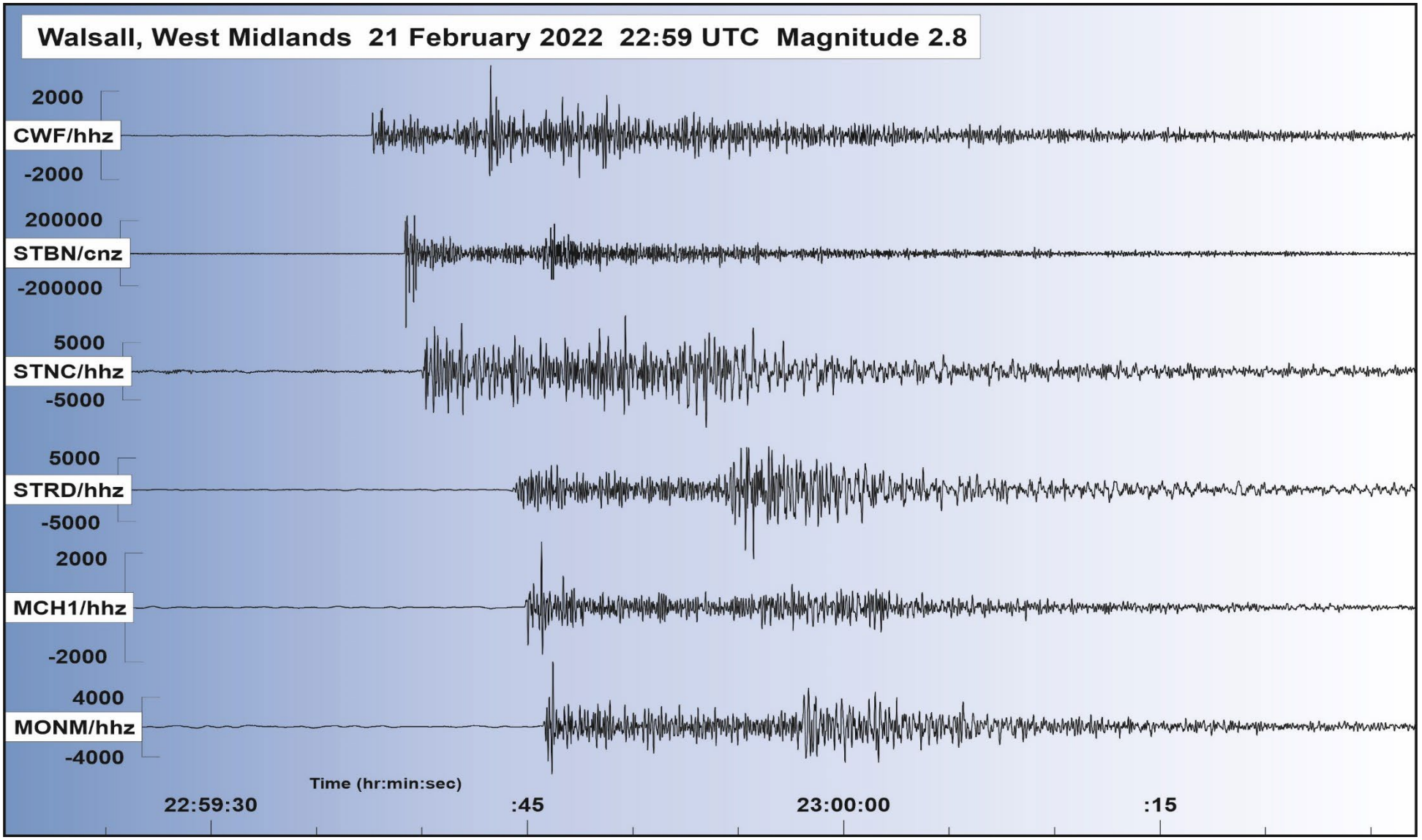

Figure 8. Seismograms of the ground displacements from the magnitude 2.8 ML Walsall, West Midlands earthquake, 21 February 2022, recorded by BGS seismograph stations.

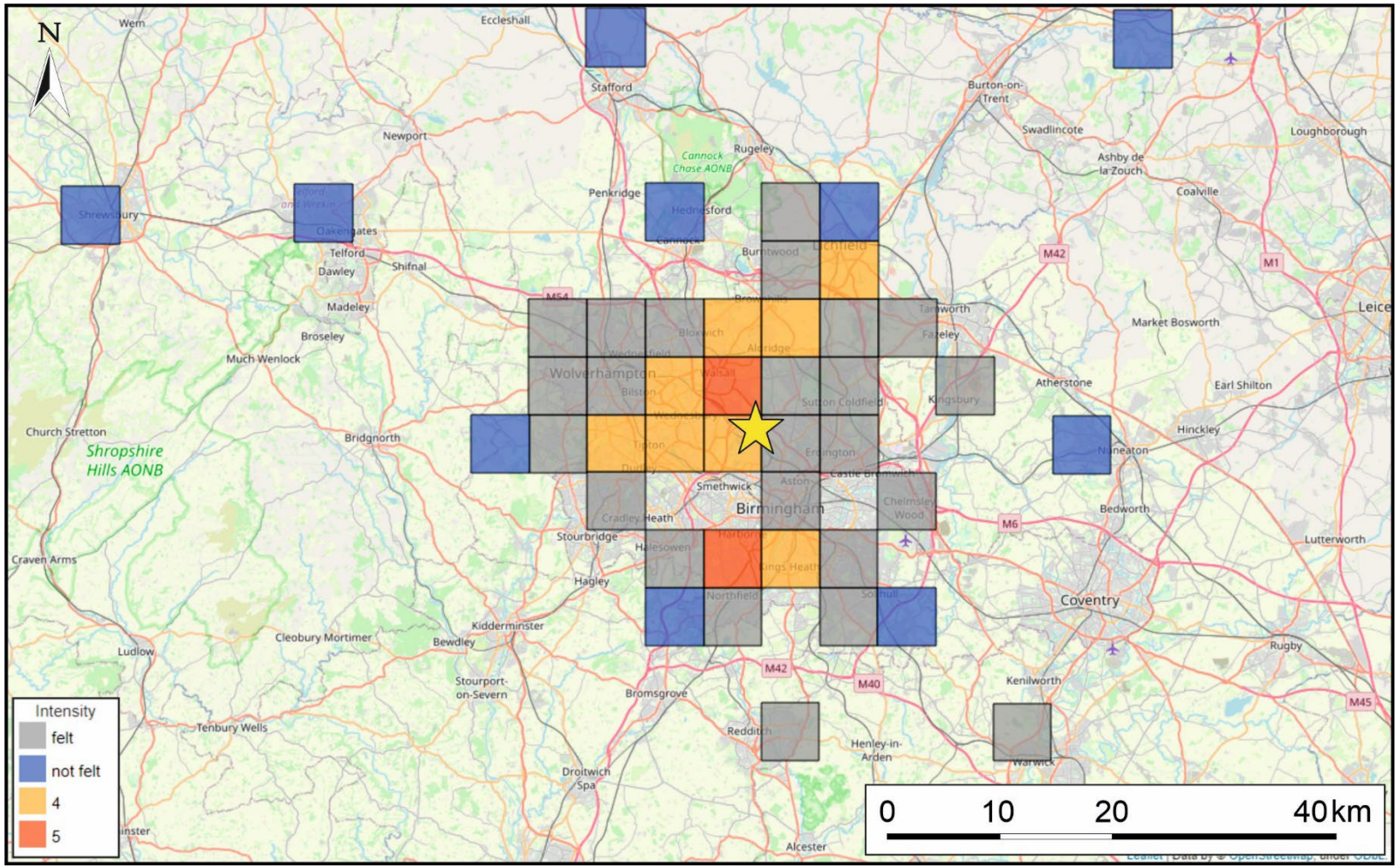

Figure 9. Macroseismic intensities (EMS) for the magnitude 2.8 ML Walsall, West Midlands earthquake on 21 February 2022. The yellow star shows the epicentre. Intensities are calculated in 5 km grid squares from over 180 reports from people who felt the earthquake. A minimum of five observations are needed in any grid square to calculate a value of intensity, otherwise the value is calculated as 'Felt' but no intensity is calculated (grey squares). Blue squares indicate that any reports from these locations suggested that the earthquake was 'Not Felt'.

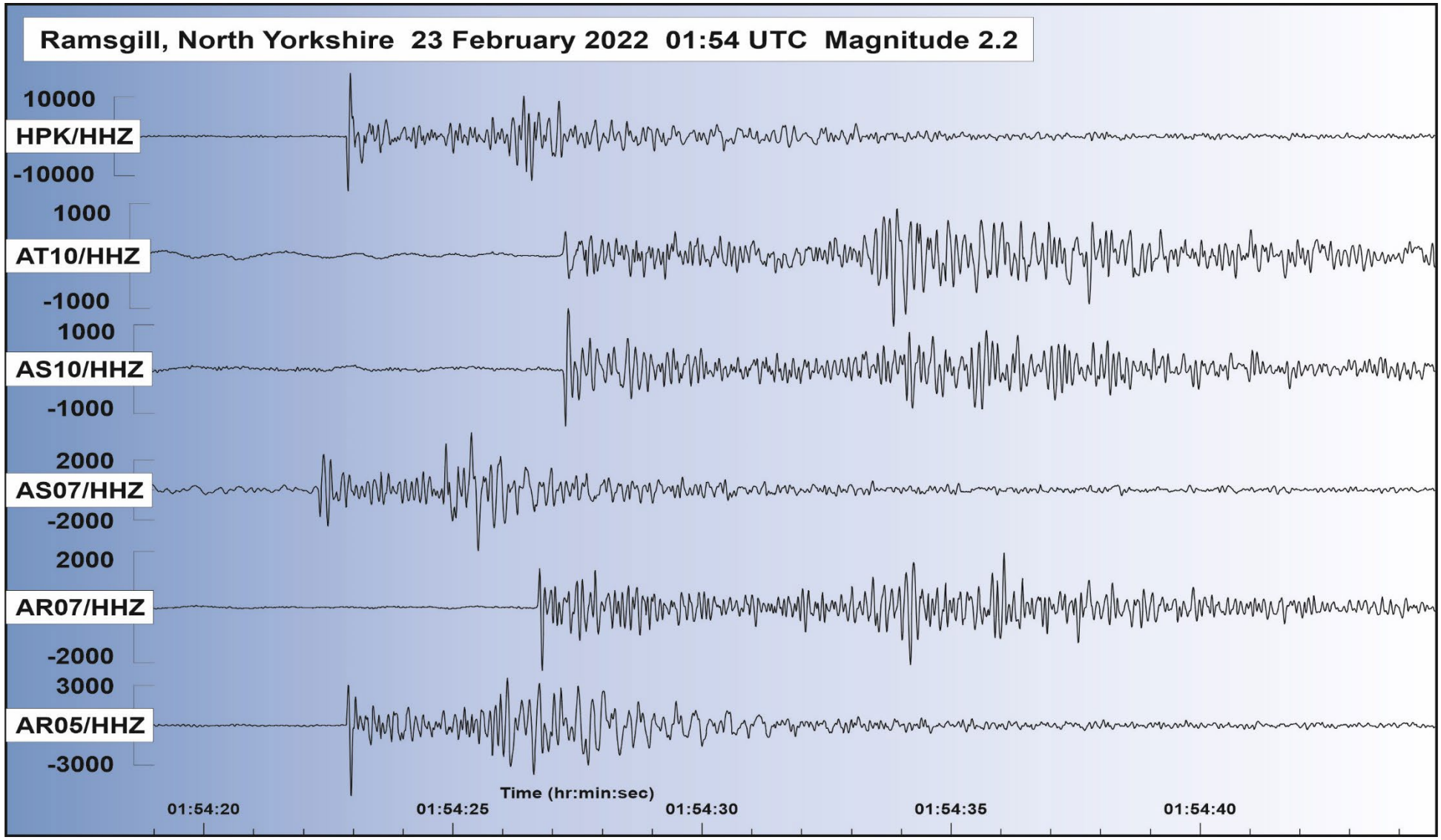

Figure 10. Seismograms of the ground displacements from the magnitude 2.2 ML Ramsgill, North Yorkshire earthquake, 23 February 2022, recorded by BGS seismograph stations.

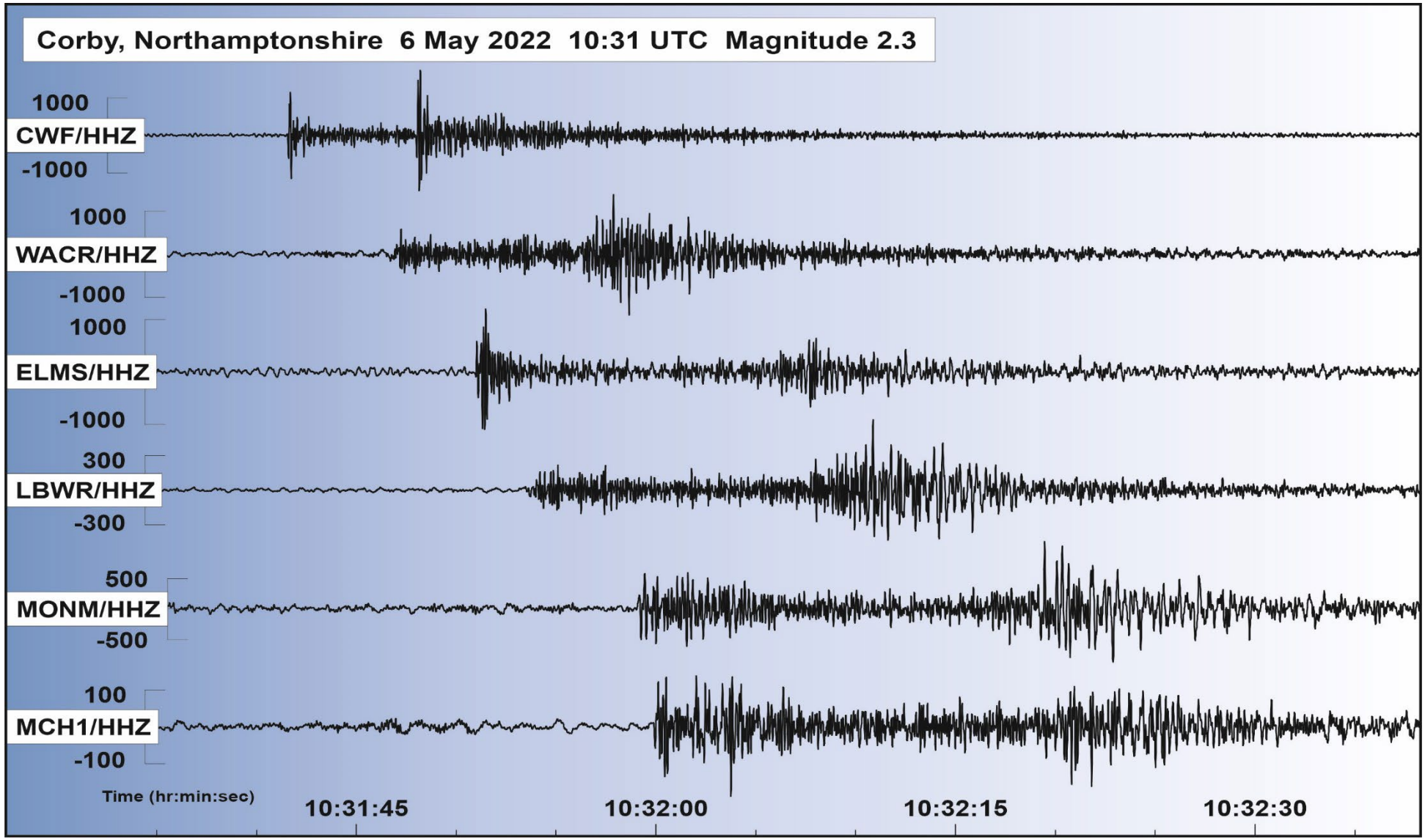

Figure 11. Seismograms of the ground displacements from the magnitude 2.3 ML Corby, Northamptonshire earthquake, 6 May 2022, recorded by BGS seismograph stations.

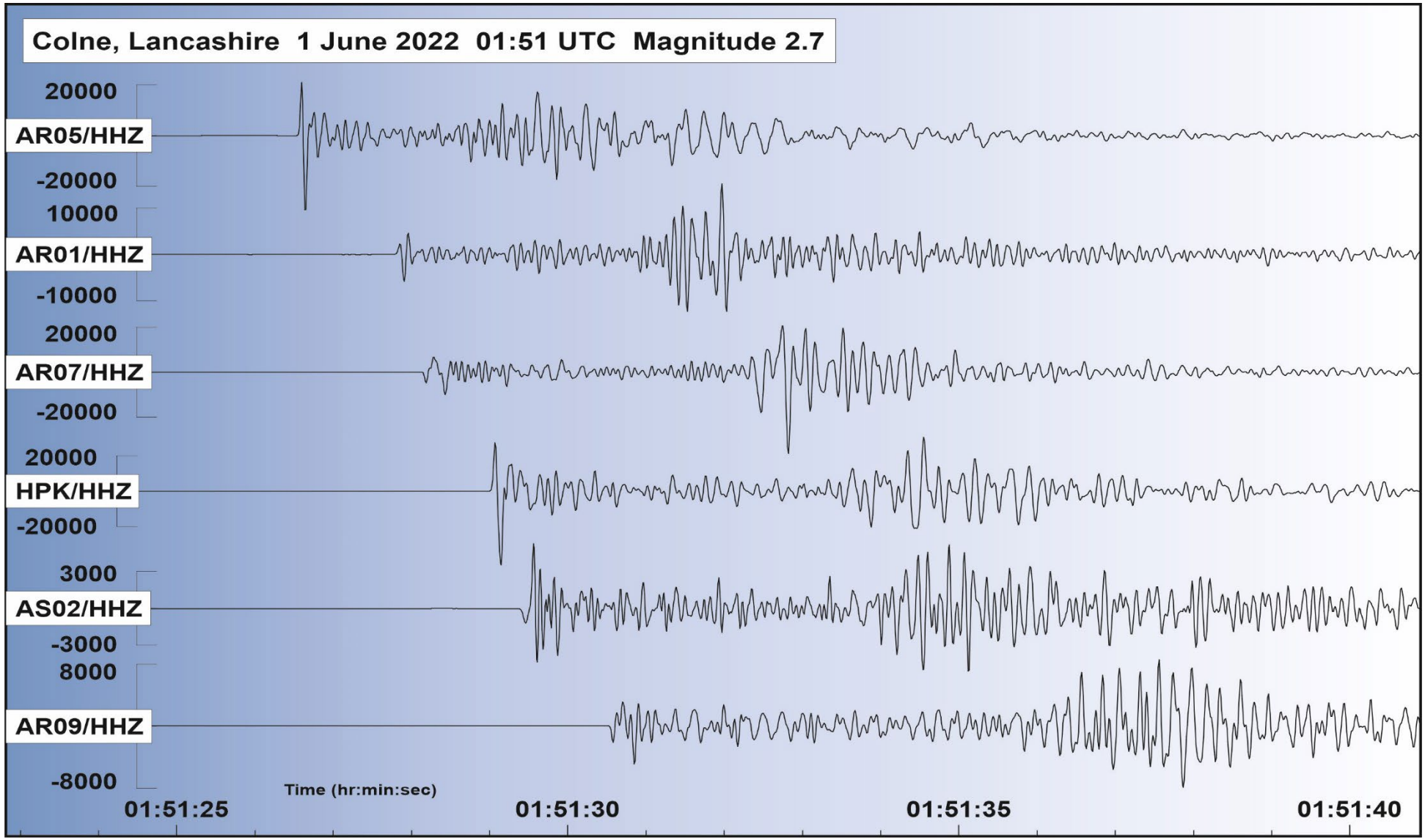

Figure 12. Seismograms of the ground displacements from the magnitude 2.7 ML Colne, Lancashire earthquake, 1 June 2022, recorded by BGS seismograph stations.

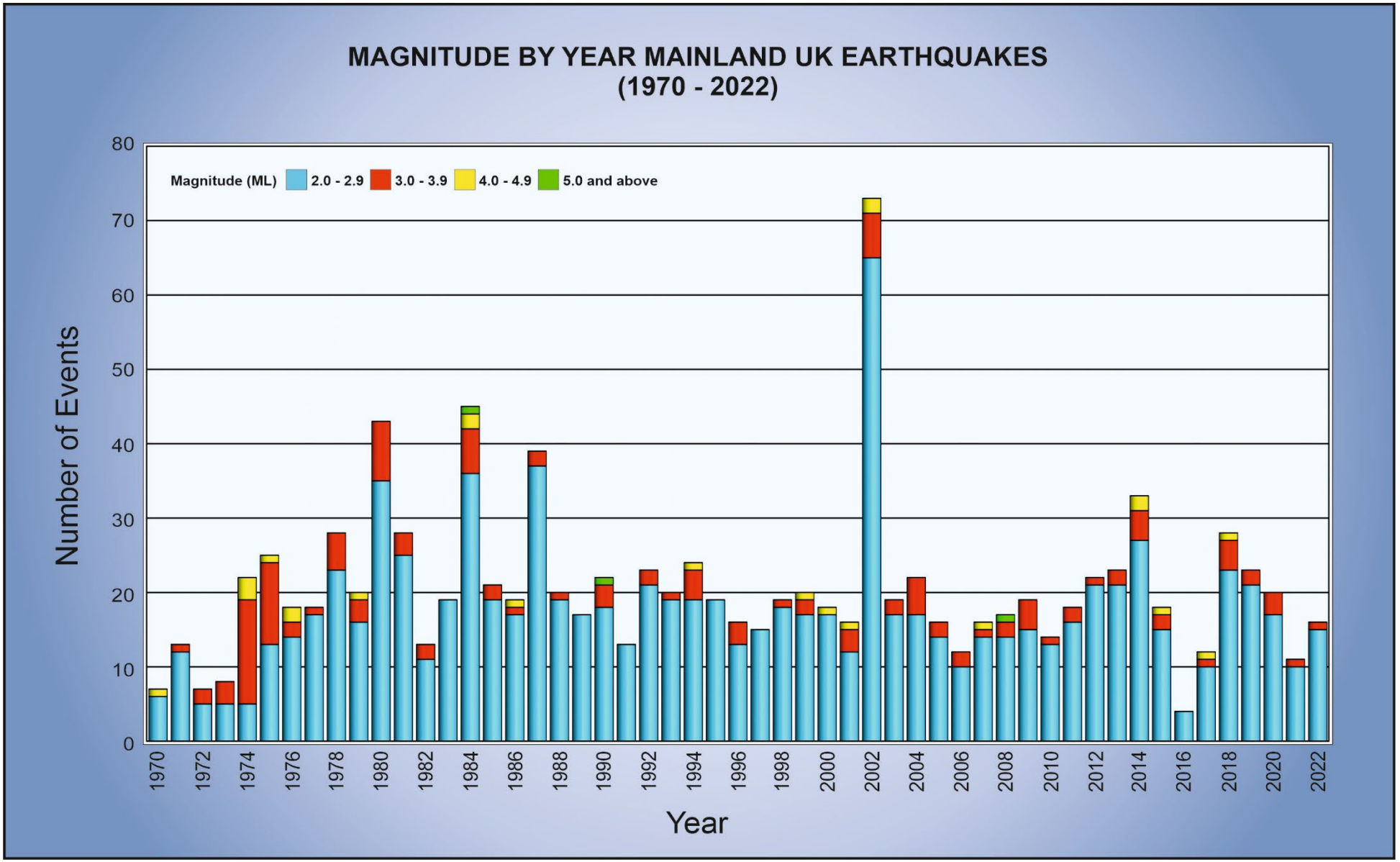

Figure 13. Histogram showing the number of mainland UK events, magnitude 2.0 ML or greater, detected 1970-2022.

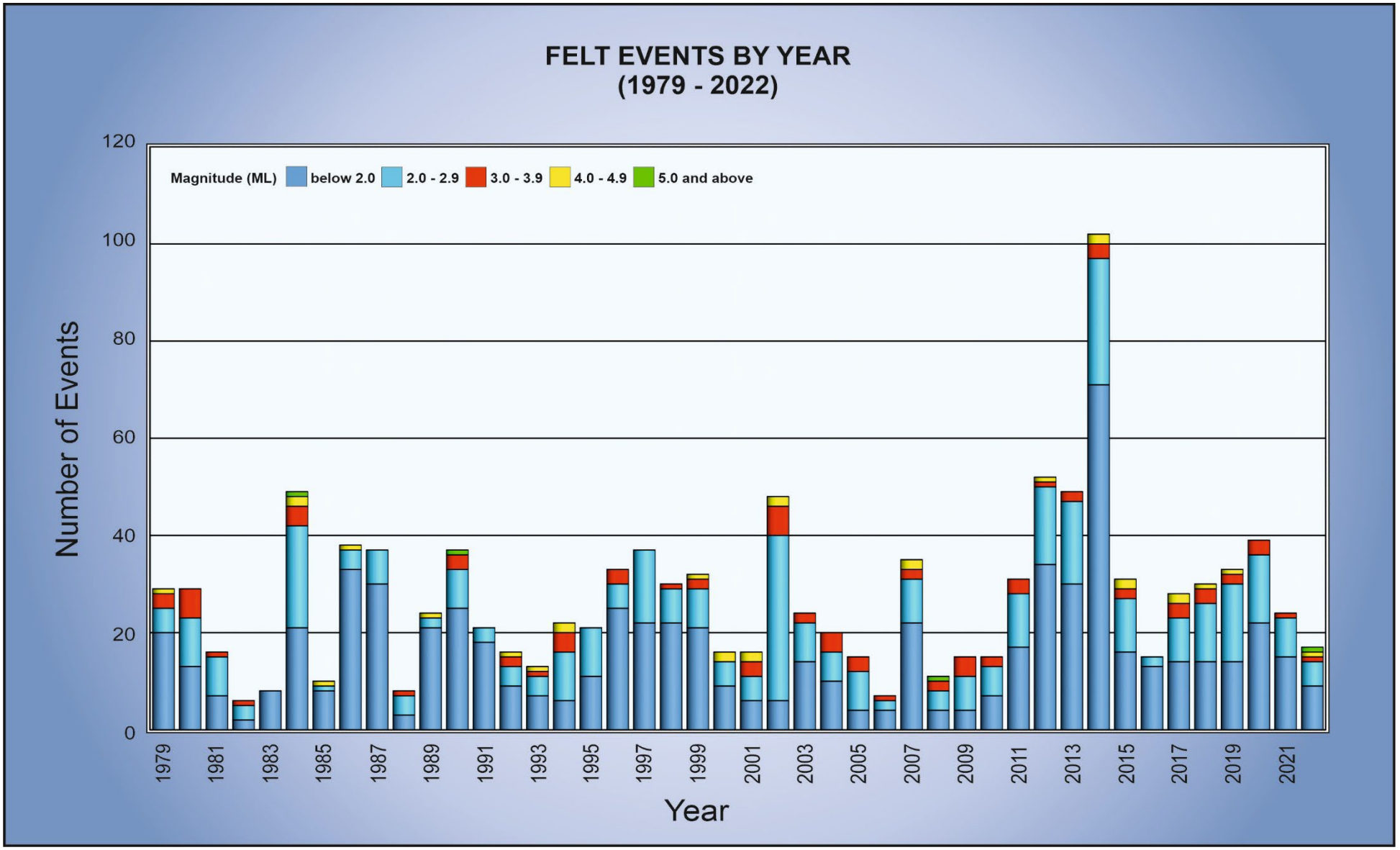

Figure 14. Histogram showing the number of felt events, 1979-2022.

TABLE 1 : CATALOGUE OF EVENTS : 2022

YearMoDy	HrMnSecs	Lat	Lon	kmE	kmN	Dep	Mag	Locality	Int	No	Gap	RMS	ERH	ERZ	Comments
20220101	050543.6	53.97	-3.32	313.6	453.3	2.7	1.6	IRISH SEA		12	61	0.30	2.87	8.00	18KM WNW FLEETWOOD
20220101	135706.8	58.58	-4.79	237.6	969.3	5.6	2.1	DURNESS,HIGHLAND		7	254	0.10	0.00	0.00	3KM NW DURNESS
20220103	225719.5	53.33	-0.04	530.8	382.7	18.7	1.1	LOUTH,LINCOLNSHIRE		8	163	0.20	3.26	3.10	5KM SSW LOUTH
20220104	080422.4	57.00	1.85	633.6	796.8	14.4	2.4	CENTRAL NORTH SEA		13	298	0.40	0.00	0.00	240KM EAST ABERDEEN
20220106	052810.7	51.92	-2.53	363.7	224.5	8.8	1.0	ROSS-ON-WYE,HEREF		8	80	0.20	2.33	6.60	
20220107	074520.8	56.93	-4.74	233.4	785.7	8.6	0.8	ROYBRIDGE,HIGHLAND		5	101	0.40	6.54	0.00	
20220109	183409.3	54.28	-0.11	523.0	488.4	10.7	2.2	SOUTHERN NORTH SEA		12	267	0.40	8.15	3.60	12KM OFFSHORE FILEY
20220109	221410.1	56.78	-5.68	175.2	771.4	7.7	0.5	LOCH SHIEL,HIGHLAND		4	198	0.20	4.83	0.00	
20220116	224622.9	61.04	3.83	714.7	1254.0	10.0	1.8	NORWEGIAN SEA		3	154	0.30	5.01	0.00	290KM ENE LERWICK
20220117	045554.2	53.60	-2.98	334.9	412.3	7.7	1.1	SOUTHPORT,MERSEYSIDE		9	77	0.30	3.29	0.00	
20220118	220502.5	52.25	1.72	654.0	267.8	18.7	1.0	SOUTHERN NORTH SEA		4	279	0.20	5.69	2.70	7KM ESE DUNWICH
20220119	123303.2	61.33	3.34	685.8	1283.3	10.0	2.0	NORWEGIAN SEA		3	187	0.40	6.54	0.00	275KM ENE LERWICK
20220119	203218.2	55.79	-5.74	165.5	661.7	14.4	1.1	SOUND OF JURA		8	186	0.10	1.71	1.50	
20220121	234547.1	51.72	-3.31	309.3	203.5	15.1	1.0	BEDLINOG,MERTHYR TYDFIL		8	100	0.10	2.95	4.10	4KM SE MERTHYR
20220122	002200.6	53.84	-0.45	502.0	439.3	9.2	1.6	BEVERLEY,E YORKSHIRE		12	170	0.30	4.59	5.80	
20220123	202120.3	50.37	-4.74	205.1	56.3	3.8	1.1	BODELVA,CORNWALL		11	95	0.00	0.42	0.30	GEOTHERMAL
20220124	024841.7	55.06	-6.01	143.7	581.9	1.0	0.4	NORTH CHANNEL		5	158	0.40	6.18	4.30	3KM ESE CUSHENDALL
20220126	211730.6	53.37	-4.32	245.7	387.9	6.5	0.8	DULAS,ANGLESEY		5	134	0.30	4.92	4.10	
20220131	143718.8	56.98	1.84	633.1	794.4	15.2	3.6	CENTRAL NORTH SEA		33	124	0.40	6.98	0.00	240KM EAST ABERDEEN
20220201	001020.7	52.34	-4.01	262.7	273.4	7.8	0.6	LLANILAR,CEREDIGION		5	172	0.30	5.16	0.00	
20220201	125543.1	50.17	-5.24	168.5	35.7	5.3	0.4	CARNMENELLIS,CORNWALL		5	320	0.00	0.58	0.30	
20220201	163804.2	50.17	-5.24	168.4	35.5	5.3	0.3	CARNMENELLIS,CORNWALL		5	320	0.00	0.50	0.20	
20220201	192314.8	56.18	-4.79	226.6	701.7	11.4	1.8	ARDGARTAN,ARGYLL/BUTE		8	106	0.30	3.94	5.00	
20220201	194956.7	50.17	-5.25	168.3	35.6	5.1	0.2	CARNMENELLIS,CORNWALL		5	321	0.00	0.45	0.20	
20220202	140138.7	55.86	-5.42	185.8	668.4	7.2	1.6	TARBERT,ARGYLL & BUTE	2	7	155	0.20	3.14	8.30	FELT TARBERT
20220202	182524.9	52.75	-2.31	378.9	317.1	7.6	1.1	OUTWOODS,STAFFORDSHIRE		7	108	0.30	3.81	0.00	
20220203	064435.9	54.64	-3.67	292.5	528.3	6.9	0.3	IRISH SEA		7	124	0.40	4.48	8.10	6KM WEST WORKINGTON
20220204	012835.1	54.64	-3.69	291.1	528.9	7.9	0.6	IRISH SEA		6	135	0.30	3.54	7.30	7KM WEST WORKINGTON
20220204	223330.0	49.08	-1.70	422.0	-90.8	11.0	1.4	JERSEY,CHANNEL ISLANDS		6	159	0.10	2.44	0.00	25KM ESE JERSEY
20220205	003025.0	50.89	-5.01	188.0	114.0	31.2	1.2	CELTIC SEA		8	178	0.40	6.82	3.90	30KM WNW BUDE
20220206	004823.3	56.98	-5.95	159.9	794.9	7.5	0.8	MALLAIG,HIGHLAND		5	222	0.60	0.00	0.00	7KM OFFSHORE MALLAIG
20220211	222427.9	51.81	-2.33	377.1	212.8	12.9	0.8	QUEDGELEY,GLOS		7	90	0.20	2.41	3.50	
20220213	212758.2	52.79	-2.80	346.1	321.4	9.6	0.6	BOMERE HEATH,SALOP		5	154	0.20	3.85	5.30	
20220215	110000.0							SONIC-LANCASHIRE	3						FELT LANCASHIRE...
20220216	075142.7	57.54	-5.64	182.4	855.6	5.2	0.8	SHIELDAIG,HIGHLAND		4	198	0.20	0.00	3.50	
20220218	024022.8	55.54	-5.03	208.7	631.2	7.9	0.6	ARRAN,NORTH AYRSHIRE		8	110	0.20	2.79	2.80	3KM OFFSHORE ARRAN
20220218	025235.2	55.54	-5.02	209.5	631.3	8.0	1.1	ARRAN,NORTH AYRSHIRE		8	109	0.30	3.10	0.00	3KM OFFSHORE ARRAN
20220218	042911.8	55.54	-5.02	209.6	631.2	7.8	0.6	ARRAN,NORTH AYRSHIRE		8	109	0.30	3.05	8.50	3KM OFFSHORE ARRAN
20220218	221542.1	55.97	-6.40	125.4	683.9	7.4	1.0	COLONSAY,ARGYLL & BUTE		6	207	0.40	8.63	0.00	8KM SW COLONSAY
20220219	063149.5	55.54	-5.02	209.2	632.0	8.1	1.3	ARRAN,NORTH AYRSHIRE		10	110	0.40	4.48	0.00	3KM OFFSHORE ARRAN
20220219	192343.6	52.19	-3.04	329.1	255.0	8.6	1.0	KINGTON,HEREFORDSHIRE		7	94	0.10	0.40	2.80	
20220221	000234.3	56.66	-5.78	168.4	758.1	7.4	1.4	MORVERN,HIGHLAND		5	214	0.20	9.26	7.60	

TABLE 1 : CATALOGUE OF EVENTS : 2022

YearMoDy	HrMnSecs	Lat	Lon	kmE	kmN	Dep	Mag	Locality	Int	No	Gap	RMS	ERH	ERZ	Comments
20220221	004351.0	55.26	5.10	850.8	619.5	21.2	2.4	CENTRAL NORTH SEA		10	208	0.40	0.00	0.00	380KM ENE WHITBY
20220221	225929.5	52.54	-1.94	404.3	294.1	7.5	2.8	WALSALL,WEST MIDLANDS	5	23	108	0.50	3.81	0.00	FELT WALSALL...
20220223	015418.8	54.12	-1.80	412.8	469.8	6.5	2.2	RAMSGILL,N YORKSHIRE		24	36	0.30	1.61	2.10	
20220223	041315.4	54.12	-1.80	413.3	469.8	6.6	1.5	RAMSGILL,N YORKSHIRE		12	86	0.30	2.10	2.20	
20220223	165840.6	55.56	-5.05	207.5	633.7	7.9	1.1	ARRAN,NORTH AYRSHIRE		6	130	0.20	2.82	3.90	2KM OFFSHORE ARRAN
20220225	010927.1	54.27	-2.35	377.1	486.1	4.2	1.6	COWGILL,CUMBRIA		18	70	0.30	2.78	3.60	
20220225	233501.9	51.33	-2.81	343.9	159.8	9.7	1.5	SANDFORD,SOMERSET		9	128	0.30	4.21	8.10	
20220225	233715.0	54.62	-2.42	373.1	525.5	5.9	1.1	DUFTON,CUMBRIA		10	132	0.30	3.31	5.00	4KM EAST DUFTON
20220226	063825.9	54.63	-2.36	376.7	526.5	5.5	0.6	DUFTON,CUMBRIA		10	137	0.30	3.31	0.00	8KM EAST DUFTON
20220226	233759.7	54.12	-1.81	412.6	469.3	6.7	0.9	RAMSGILL,N YORKSHIRE		12	80	0.30	2.13	3.20	
20220305	130143.7	50.38	-4.75	204.7	56.7	4.6	1.5	BODELVA,CORNWALL		19	72	0.10	1.08	0.70	GEOTHERMAL
20220309	212235.6	50.38	-4.74	205.1	57.0	4.2	1.7	BODELVA,CORNWALL	3	9	84	0.10	0.94	0.70	GEOTHERMAL
20220310	164838.5	52.20	-1.52	432.7	255.5	5.5	1.0	LIGHTHORNE,WARKS		6	156	0.20	2.78	5.40	
20220311	191134.4	56.38	-4.03	274.9	723.1	2.8	0.2	COMRIE,PERTH & KINROSS		3	234	0.10	0.00	0.00	
20220312	080152.9	54.11	-1.78	414.2	468.7	8.9	0.9	RAMSGILL,N YORKSHIRE		7	97	0.20	2.55	0.00	
20220314	052117.2	55.54	-5.03	209.1	631.1	7.6	0.4	ARRAN,NORTH AYRSHIRE		7	110	0.20	0.90	0.00	3KM OFFSHORE ARRAN
20220314	205945.4	55.11	-3.66	294.2	580.4	2.6	0.6	DUMFRIES,D & G		8	91	0.40	4.66	5.10	4KM NNW DUMFRIES
20220317	200932.1	53.44	-3.01	332.7	394.1	21.0	1.1	BOOTLE,MERSEYSIDE		12	96	0.30	3.42	5.40	
20220321	053255.9	61.57	2.28	627.1	1305.7	10.0	5.2	NORWEGIAN SEA	4	45	194	0.40	5.66	0.00	180KM NE SHETLAND
20220321	080630.0	61.55	2.28	627.5	1303.8	10.0	2.5	NORWEGIAN SEA		12	194	0.40	6.24	0.00	180KM NE SHETLAND
20220322	022926.1	61.52	2.30	628.5	1300.8	10.0	2.7	NORWEGIAN SEA		18	192	0.40	6.79	0.00	180KM NE SHETLAND
20220322	060811.1	61.54	2.28	627.2	1302.5	10.0	2.5	NORWEGIAN SEA		14	193	0.50	6.02	0.00	180KM NE SHETLAND
20220322	095136.0	61.54	2.29	628.1	1303.2	10.0	2.2	NORWEGIAN SEA		10	193	0.70	0.00	0.00	180KM NE SHETLAND
20220323	202026.8	54.71	-2.15	390.2	535.5	3.3	0.7	STANHOPE,COUNTY DURHAM		11	88	0.30	3.50	5.90	
20220324	044038.5	54.02	-3.34	312.3	459.1	12.0	0.4	IRISH SEA		8	197	0.30	3.75	7.30	12KM WSW ROA ISLAND
20220324	045911.2	55.44	-5.23	195.4	620.7	7.6	1.5	ARRAN,NORTH AYRSHIRE		12	119	0.40	4.07	0.00	
20220325	045639.3	58.39	1.72	617.5	950.3	10.0	3.4	CENTRAL NORTH SEA		44	74	0.40	4.43	0.00	235KM SE SHETLAND
20220325	160442.6	61.50	2.34	630.8	1298.8	10.0	3.2	NORWEGIAN SEA		21	191	0.50	8.15	0.00	180KM NE SHETLAND
20220330	000827.8	56.61	-5.62	177.7	752.3	6.5	0.6	MORVERN,HIGHLAND		4	198	0.10	4.05	8.40	4KM NW GLENSANDA
20220330	003717.6	53.38	0.15	542.9	388.9	23.1	1.1	MABLETHORPE,LINCS		7	188	0.30	7.38	3.00	
20220331	205559.6	51.94	-2.98	332.5	227.2	13.9	0.5	CLODOCK,HEREFORDSHIRE		4	218	0.10	3.36	1.70	
20220401	085556.3	57.77	-5.58	187.3	881.6	7.5	1.0	POOLEWE,HIGHLAND		6	203	0.70	0.00	0.00	
20220401	093155.5	57.77	-5.58	187.3	881.3	7.6	1.1	POOLEWE,HIGHLAND		6	203	0.60	0.00	0.00	
20220403	010432.1	52.37	0.60	577.2	277.8	2.6	0.9	ELVEDEN,SUFFOLK		4	149	0.30	3.99	3.10	
20220403	093025.3	51.80	1.20	620.8	216.4	5.0	1.2	HOLLAND-ON-SEA,ESSEX		4	204	0.10	0.00	2.60	
20220404	064336.0	53.15	-3.86	275.5	363.3	7.6	1.0	TREFRIW,CONWY		4	180	0.10	7.37	5.40	2KM WEST TREFRIW
20220406	132022.3	56.44	-5.94	157.3	733.9	4.6	1.1	MULL,ARGYLL & BUTE		5	186	0.40	6.37	4.80	
20220409	015818.8	54.62	-3.86	279.7	527.0	7.7	0.1	IRISH SEA		7	97	0.20	0.90	4.60	20KM WNW WHITEHAVEN
20220412	120844.8	51.17	-4.73	208.9	145.4	16.1	0.9	BRISTOL CHANNEL		5	162	0.10	0.80	1.50	3KM OFFSHORE LUNDY
20220413	013344.0	52.70	-3.10	325.7	311.9	4.8	0.8	TREWERN,POWYS		7	119	0.30	5.16	5.20	2KM WEST TREWERN
20220414	104922.9	57.77	-5.58	187.2	880.7	6.5	1.4	POOLEWE,HIGHLAND		6	202	0.50	0.00	0.00	
20220414	112820.4	57.77	-5.65	182.9	881.8	7.6	0.9	POOLEWE,HIGHLAND		6	213	0.40	0.00	0.00	

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YearMoDy	HrMnSecs	Lat	Lon	kmE	kmN	Dep	Mag	Locality	Int	No	Gap	RMS	ERH	ERZ	Comments
20220415	031326.6	54.79	-1.86	409.0	544.1	9.4	1.1	SATLEY,COUNTY DURHAM		9	176	0.20	3.00	4.30	
20220417	184807.7	55.60	-9.59	-77.9	660.6	12.1	2.4	NORTH ATLANTIC OCEAN		15	225	0.30	8.95	9.60	100KM NW IRELAND
20220419	030311.9	57.77	-5.57	187.8	880.9	7.6	1.7	POOLEWE,HIGHLAND		9	201	0.50	0.00	0.00	
20220419	030610.7	57.79	-5.56	188.6	883.5	6.7	0.9	POOLEWE,HIGHLAND		7	202	0.40	0.00	0.00	
20220419	031148.3	57.81	-5.68	181.2	886.1	6.6	1.0	POOLEWE,HIGHLAND		7	219	0.20	0.00	0.00	
20220419	112622.3	55.79	-5.51	180.1	660.6	8.3	1.5	CLACHAN,ARGYLL & BUTE		7	161	0.30	5.91	0.00	5KM NE CLACHAN
20220420	112032.7	55.86	-5.45	184.2	668.5	7.6	1.2	TARBERT,ARGYLL & BUTE		6	158	0.40	6.90	0.00	
20220420	230235.5	54.34	-4.15	260.2	495.8	10.2	0.3	IRISH SEA		7	160	0.20	1.84	5.30	15KM EAST RAMSEY,IOM
20220421	005318.3	53.58	2.44	694.0	418.5	10.0	2.6	SOUTHERN NORTH SEA		19	276	0.60	0.00	0.00	100KM NE CROMER
20220421	041445.5	56.98	-5.27	201.0	791.8	7.3	0.5	LOCH ARKAIG,HIGHLAND		6	145	0.20	4.14	7.30	
20220423	183904.1	55.74	-5.62	172.9	655.8	10.5	0.8	CLACHAN,ARGYLL & BUTE		8	170	0.30	4.48	5.90	
20220424	094807.0	56.50	-4.22	263.3	736.9	2.6	1.9	KILTYRIE,PERTH/KINROSS	3	13	67	0.40	3.94	4.00	FELT BEN LAWERS...
20220425	170434.1	55.44	-3.42	309.9	616.8	4.6	0.6	TWEEDSMUIR,BORDERS		8	82	0.20	3.11	4.80	8KM SOUTH TWEEDSMUIR
20220504	180701.8	52.63	-1.03	465.7	303.6	11.3	1.0	BUSHBY,LEICESTERSHIRE		6	140	0.10	2.33	2.80	
20220506	073105.3	57.12	-5.64	179.5	809.1	2.6	0.8	LOCH HOURN,HIGHLAND		5	188	0.60	0.00	7.30	5KM WSW ARNISDALE
20220506	103132.0	52.48	-0.59	495.8	287.7	6.3	2.3	CORBY,NORTHAMPTONSHIRE	3	14	105	0.60	5.60	0.00	FELT CORBY...
20220506	120215.4	56.37	-5.47	185.4	724.6	6.4	1.1	OBAN,ARGYLL & BUTE		6	158	0.20	4.03	3.00	
20220507	045211.8	54.35	-2.27	382.2	495.0	2.6	0.8	COTTERDALE,N YORKSHIRE		14	49	0.40	2.92	3.30	
20220508	050137.6	57.13	-5.60	182.3	809.8	3.1	1.0	LOCH HOURN,HIGHLAND		7	179	0.40	0.00	0.00	2KM WSW ARNISDALE
20220508	051512.8	57.15	-5.68	177.4	812.7	3.0	0.9	LOCH HOURN,HIGHLAND		6	195	0.30	0.00	5.80	7KM WNW ARNISDALE
20220508	053538.7	57.14	-5.59	182.7	810.7	2.6	0.6	LOCH HOURN,HIGHLAND		5	178	0.50	0.00	6.70	2KM WNW ARNISDALE
20220508	121234.8	57.13	-5.62	181.2	810.3	3.7	1.6	LOCH HOURN,HIGHLAND		10	182	0.30	0.00	0.00	3KM WSW ARNISDALE
20220508	141809.1	57.14	-5.58	183.1	810.7	4.4	0.7	LOCH HOURN,HIGHLAND		6	176	0.40	8.83	8.70	1KM WNW ARNISDALE
20220509	205747.5	53.02	-2.28	381.4	347.5	17.6	1.0	SILVERDALE,STAFFS		8	97	0.40	4.83	3.00	
20220510	004052.7	52.48	-0.58	496.2	287.9	7.1	2.1	CORBY,NORTHAMPTONSHIRE	3	9	78	0.60	6.01	0.00	FELT OUNDLE...
20220510	231655.4	57.14	-5.63	180.6	811.7	7.4	0.8	LOCH HOURN,HIGHLAND		5	184	0.40	0.00	0.00	4KM WNW ARNISDALE
20220511	154349.9	57.15	-5.65	179.2	812.4	7.4	0.8	LOCH HOURN,HIGHLAND		5	189	0.10	0.50	2.50	5KM WNW ARNISDALE
20220511	213303.9	55.09	-3.17	325.3	577.8	2.6	0.9	WATERBECK,D & G		6	158	0.50	8.73	7.50	
20220512	035724.9	53.12	-0.04	531.0	359.8	14.1	2.2	MAREHAM-LE-FEN,LINCS		16	153	0.30	3.80	4.00	3KM ESE MAREHAM
20220512	210425.8	52.34	-4.02	262.2	272.8	8.1	0.7	LLANILAR,CEREDIGION		7	117	0.20	3.18	8.10	
20220517	230056.9	53.04	-5.45	168.7	354.8	6.7	1.1	IRISH SEA		6	191	0.40	7.61	0.00	65KM WSW HOLYHEAD
20220518	235134.8	53.63	-1.11	459.0	415.0	7.6	1.4	MOSS,SOUTH YORKSHIRE		21	79	0.30	2.37	6.50	
20220520	102217.8	52.84	-2.64	357.0	327.6	8.7	1.1	WEM,SHROPSHIRE		8	111	0.20	2.51	7.80	
20220520	175929.8	55.57	-9.63	-80.4	656.7	12.1	1.4	NORTH ATLANTIC OCEAN		3	321	0.10	0.00	7.30	95KM NW IRELAND
20220521	074743.3	56.39	-5.47	185.6	727.2	8.7	1.8	OBAN,ARGYLL & BUTE	3	12	159	0.30	5.06	7.40	FELT OBAN...
20220521	211721.2	57.77	-5.63	184.0	881.5	7.7	0.8	POOLEWE,HIGHLAND		6	210	0.30	0.00	0.00	
20220522	183401.9	56.08	-6.05	148.2	695.1	14.3	0.9	COLONSAY,ARGYLL & BUTE		5	250	0.10	6.13	6.50	OFFSHORE COLONSAY
20220522	201116.2	54.09	-3.12	326.5	466.1	2.6	1.2	RAMPSIDE,CUMBRIA		14	100	0.30	3.04	2.80	
20220522	223414.2	57.10	-5.62	180.5	807.2	3.8	0.5	LOCH HOURN,HIGHLAND		6	215	0.10	6.40	5.70	5KM SW ARNISDALE
20220525	011410.9	52.88	-5.66	153.9	337.3	5.9	0.4	IRISH SEA		5	144	0.30	3.14	8.50	80KM SW ANGLESEY
20220525	053000.0	55.78	-5.99	149.8	661.6	6.8	0.8	JURA,ARGYLL & BUTE		6	209	0.20	4.55	8.50	
20220525	102608.6	58.82	1.44	598.5	997.7	14.7	3.0	CENTRAL NORTH SEA		25	90	0.30	4.66	7.70	205KM SE LERWICK

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20220526	045048.6	53.69	1.31	618.4	426.6	10.0	2.1	SOUTHERN NORTH SEA		12	246	0.50	8.17	0.00	85KM NORTH CROMER
20220526	152844.1	57.77	-5.62	185.1	881.6	7.6	1.6	POOLEWE,HIGHLAND	2	7	208	0.40	0.00	0.00	FELT POOLEWE
20220527	081924.8	54.12	-1.80	413.1	469.8	7.6	2.2	RAMSGILL,N YORKSHIRE		16	86	0.20	0.70	4.40	
20220527	094006.9	54.12	-1.81	412.5	469.8	8.3	0.9	RAMSGILL,N YORKSHIRE		10	89	0.30	1.00	0.00	
20220529	204037.9	53.43	-2.35	376.9	392.3	6.1	2.3	SALE,GTR MANCHESTER		24	44	0.40	3.05	4.30	
20220529	230800.9	53.43	-2.33	378.3	392.4	11.7	0.8	SALE,GTR MANCHESTER		13	83	0.20	2.39	4.50	
20220530	075917.3	55.48	-5.10	204.3	624.8	7.6	2.1	ARRAN,NORTH AYRSHIRE	2	25	93	0.30	2.73	6.10	FELT ARRAN
20220530	143657.8	52.84	-2.65	356.6	327.6	8.6	3.8	WEM,SHROPSHIRE	5	44	42	0.40	3.22	4.00	FELT SHROPSHIRE...
20220530	161539.5	56.96	1.79	630.3	792.0	11.2	2.4	CENTRAL NORTH SEA		17	152	0.40	9.66	0.00	235KM EAST ABERDEEN
20220530	205313.0	55.87	-5.55	178.0	669.6	7.5	0.9	ORMSARY,ARGYLL & BUTE		8	170	0.30	3.81	9.00	5KM SE ORMSARY
20220601	015122.7	53.88	-2.13	391.1	442.3	15.9	2.7	COLNE,LANCASHIRE	4	44	42	0.50	2.59	2.10	FELT COLNE...
20220601	181529.0	53.13	-0.06	529.9	360.6	7.6	1.3	MAREHAM-LE-FEN,LINCS		7	147	0.30	3.71	0.00	
20220601	194301.6	49.64	-1.93	405.3	-29.0	2.2	1.7	ENGLISH CHANNEL		10	143	0.40	8.42	6.20	44KM NNE JERSEY
20220601	194730.6	49.63	-1.93	405.4	-30.3	2.1	1.8	ENGLISH CHANNEL		9	142	0.40	7.27	5.60	43KM NNE JERSEY
20220602	065157.6	53.88	-2.11	392.8	442.6	15.3	1.1	COLNE,LANCASHIRE		10	108	0.30	3.58	2.90	
20220603	040636.4	53.88	-2.11	392.8	442.3	16.1	0.9	COLNE,LANCASHIRE		7	108	0.20	3.29	3.00	
20220603	141813.9	57.16	-5.65	179.2	813.6	7.3	1.0	LOCH HOURN,HIGHLAND		6	189	0.20	9.50	8.80	5KM WNW ARNISDALE
20220603	191338.3	50.11	-5.18	173.0	28.3	5.1	0.1	CONSTANTINE,CORNWALL		6	326	0.00	1.22	1.60	
20220606	065111.9	54.09	-3.12	326.7	466.4	2.6	1.2	RAMPSIDE,CUMBRIA		15	52	0.40	3.58	3.50	
20220607	030153.3	54.08	-3.12	326.5	465.5	2.6	0.7	RAMPSIDE,CUMBRIA		16	63	0.40	3.49	3.80	
20220607	034506.7	54.12	-1.81	412.7	469.8	7.6	0.4	RAMSGILL,N YORKSHIRE		10	154	0.40	4.81	0.00	
20220608	065704.5	53.83	-2.02	398.6	437.3	13.0	1.4	OLDFIELD,W YORKSHIRE		10	96	0.20	0.70	2.20	
20220608	180250.5	56.10	-6.07	147.1	697.7	4.7	0.8	COLONSAY,ARGYLL & BUTE		7	180	0.30	7.96	9.60	OFFSHORE COLONSAY
20220615	060350.7	51.94	-2.90	338.1	226.7	15.9	0.7	PONTRILAS,HEREFORDSHIRE		5	124	0.10	2.51	1.70	
20220615	164623.4	57.72	-5.40	197.8	875.1	7.6	0.9	POOLEWE,HIGHLAND		5	174	0.20	5.19	7.80	
20220616	010301.0	57.59	-5.43	195.0	860.7	2.6	1.0	KINLOCHEWE,HIGHLAND		7	244	0.30	0.00	5.30	8KM WSW KINLOCHEWE
20220617	073327.6	54.48	-2.91	341.0	509.7	5.2	1.1	HARTSOP,CUMBRIA		8	103	0.40	4.08	4.80	3KM SOUTH HARTSOP
20220617	173215.6	53.15	0.83	589.4	364.9	10.9	1.6	SOUTHERN NORTH SEA		6	212	0.10	3.10	3.10	32KM EAST SKEGNESS
20220619	065310.0	54.12	-1.81	412.2	469.8	6.5	1.9	RAMSGILL,N YORKSHIRE		23	38	0.30	1.00	2.50	
20220621	115311.1	53.98	-3.07	329.6	453.8	8.3	1.7	IRISH SEA		11	85	0.40	4.08	8.90	6KM NNW FLEETWOOD
20220621	155622.9	59.14	1.33	590.7	1033.0	6.2	2.7	NORTHERN NORTH SEA		21	99	0.50	6.34	9.80	180KM SE LERWICK
20220622	212025.8	55.09	-7.56	45.1	591.3	2.6	0.8	RATHMULLAN,CO DONEGAL		3	304	0.10	2.92	0.60	
20220623	200012.1	52.58	-2.88	340.2	298.2	11.5	1.6	WENTNOR,SHROPSHIRE		15	71	0.30	1.00	2.20	
20220624	144943.0	49.00	-2.35	374.7	-99.8	4.2	1.9	ENGLISH CHANNEL		8	141	0.20	4.30	4.50	
20220625	030822.5	55.91	-3.98	276.0	670.4	8.2	0.2	WATTSTON,N LANARKSHIRE		6	147	0.20	0.90	0.00	
20220627	173024.4	51.95	-3.04	328.3	228.3	13.5	1.3	LLANTHONY,GWENT		6	99	0.30	3.45	2.50	
20220628	020930.5	51.87	-2.60	359.0	219.6	16.5	0.5	ROSS-ON-WYE,HEREF		5	125	0.00	0.57	0.50	5KM SSW ROSS-ON-WYE
20220701	020955.0	56.38	-5.75	168.5	726.7	5.2	1.3	MULL,ARGYLL & BUTE		7	174	0.30	7.47	5.40	
20220704	135447.5	53.11	-1.26	449.5	357.6	2.5	1.7	ASHFIELD,NOTTS		10	122	0.40	6.04	4.50	
20220704	184037.4	57.16	-5.57	184.2	813.3	4.9	1.0	ARNISDALE,HIGHLAND		6	172	0.30	7.06	6.80	
20220705	053632.4	49.52	-2.00	400.1	-41.8	2.6	1.7	ENGLISH CHANNEL		9	174	0.40	9.58	7.90	30KM NNE JERSEY
20220706	015534.4	53.88	-2.12	391.9	442.7	14.1	1.5	COLNE,LANCASHIRE		16	99	0.30	3.20	2.70	

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20220706	184710.4	54.24	-2.50	367.5	483.4	8.1	0.9	DENT,CUMBRIA		8	104	0.20	3.27	2.90	4KM SOUTHWEST DENT
20220708	201315.9	54.11	-1.81	412.2	468.7	6.7	1.2	RAMSGILL,N YORKSHIRE		11	83	0.30	3.40	2.90	
20220712	125126.6	55.81	-5.46	182.9	662.4	7.6	1.7	TARBERT,ARGYLL & BUTE		7	157	0.20	3.18	8.50	7KM SSW TARBERT
20220713	070559.4	48.49	-5.97	107.0	-149.0	10.0	2.7	CELTIC SEA		11	249	0.60	0.00	0.00	
20220713	220835.2	56.52	-4.21	264.2	738.3	8.0	0.5	LAWERS,PERTH & KINROSS		6	126	0.40	0.00	0.00	4KM WSW LAWERS
20220714	144333.3	53.52	-2.56	362.9	402.4	13.3	2.4	LEIGH,GTR MANCHESTER		22	55	0.30	3.10	4.00	
20220716	054223.2	57.77	-5.60	185.8	881.6	7.6	1.0	POOLEWE,HIGHLAND		8	206	0.40	0.00	0.00	
20220718	012730.6	56.13	-4.17	264.8	695.7	3.3	0.0	KIPPEN,STIRLING		5	183	0.10	0.60	2.50	
20220718	181602.6	56.97	-5.48	188.4	792.4	8.4	0.5	LOCH NEVIS,HIGHLAND		6	169	0.50	6.77	0.00	
20220719	030601.3	56.73	-9.25	-43.3	783.5	12.5	2.2	NORTH ATLANTIC OCEAN		16	267	0.30	0.00	0.00	185KM NNW IRELAND
20220720	183120.4	48.65	-5.67	129.7	-132.3	14.6	2.3	CELTIC SEA		7	252	0.30	0.00	0.00	
20220721	210006.3	57.16	-5.55	185.4	813.6	4.4	1.1	ARNISDALE,HIGHLAND		9	168	0.30	8.76	0.00	
20220725	023555.0	55.10	-7.53	47.3	592.9	3.1	1.2	RATHMULLAN,CO DONEGAL		3	291	0.20	6.37	3.10	
20220726	091159.2	55.67	-5.80	160.9	648.9	11.5	0.7	GIGHA,ARGYLL & BUTE		6	185	0.20	4.49	4.20	2KM OFFSHORE GIGHA
20220728	010527.4	54.09	-0.87	473.8	467.2	18.3	0.3	CRAMBECK,N YORKSHIRE		8	103	0.20	4.20	3.90	
20220728	171847.6	55.98	-4.27	258.5	678.5	6.3	0.3	STRATHBLANE,STIRLING		7	122	0.20	0.80	2.20	
20220730	150608.6	55.93	-3.98	276.1	672.2	10.7	0.4	WATTSTON,N LANARKSHIRE		6	148	0.10	0.80	0.00	
20220730	192406.8	54.77	-3.26	318.8	542.9	7.6	1.1	ASPATRIA,CUMBRIA		10	83	0.30	3.52	5.00	4KM ENE ASPATRIA
20220731	155137.0	56.39	-4.29	258.4	724.8	3.7	1.0	LOCHEARNHEAD,STIRLING	2	6	110	0.30	0.00	0.00	FELT LOCHEARNHEAD
20220731	222334.0	58.48	-2.82	352.4	954.9	5.0	1.0	WICK,HIGHLAND		6	270	0.40	0.00	0.00	15KM OFFSHORE WICK
20220801	002924.7	53.46	-1.29	447.2	396.6	3.4	0.9	THRYBERGH,S YORKSHIRE		14	152	0.60	6.98	0.00	
20220803	204346.4	53.69	-3.88	275.7	423.2	4.8	1.3	IRISH SEA		9	132	0.40	4.52	9.80	40KM NNW LLANDUDNO
20220808	013317.9	52.10	0.19	549.7	247.0	9.4	2.3	SAWSTON,CAMBRIDGESHIRE		15	57	0.30	3.22	5.50	
20220809	210512.8	55.54	-5.02	209.6	631.3	7.6	0.5	ARRAN,NORTH AYRSHIRE		8	109	0.30	3.68	9.40	4KM OFFSHORE ARRAN
20220810	043109.6	57.51	-5.71	177.8	852.2	2.7	1.0	SHIELDAIG,HIGHLAND		7	211	0.40	0.00	6.70	
20220811	133257.2	51.58	-3.10	323.7	187.1	7.2	0.8	NEWPORT,GWENT		7	129	0.10	1.00	3.80	5KM WEST NEWPORT
20220812	003033.4	49.53	-9.40	-135.2	-14.4	10.0	2.4	CELTIC SEA		11	238	0.20	4.25	0.00	285KM WSW PENZANCE
20220814	203012.4	53.24	-2.67	355.6	371.3	13.4	0.5	HATCHMERE,CHESHIRE		11	70	0.20	2.37	2.90	
20220814	213529.6	54.58	-2.78	349.4	520.3	7.2	0.6	BUTTERWICK,CUMBRIA		7	89	0.30	3.81	3.60	
20220815	102120.9	52.97	-4.35	241.9	343.6	9.1	0.9	LLANAELHAEARN,GWYNEDD		5	155	0.10	2.73	1.90	
20220820	111147.0	53.09	-1.33	445.1	355.0	2.6	1.1	ASHFIELD,NOTTS		7	149	0.50	9.73	5.90	
20220820	134422.6	51.65	-5.44	162.2	199.8	7.1	1.2	CELTIC SEA		5	175	0.30	4.60	0.00	11KM WSW SKOKHOLM
20220824	194327.2	53.27	-4.67	221.8	377.8	16.0	0.6	ANGLESEY,GWYNEDD		5	239	0.10	6.89	2.30	HOLY ISLAND
20220825	130533.5	48.84	-1.77	416.9	-118.0	6.5	2.0	ENGLISH CHANNEL		7	163	0.10	1.27	3.60	CHAUSEY ISLANDS
20220825	172355.7	52.40	3.01	740.5	290.1	10.0	2.0	SOUTHERN NORTH SEA		23	289	0.60	0.00	0.00	90KM EAST LOWESTOFT
20220825	222651.5	52.20	2.80	728.2	267.2	10.0	1.8	SOUTHERN NORTH SEA		12	270	0.50	0.00	0.00	80KM ESE LOWESTOFT
20220826	014711.1	61.80	4.13	722.7	1340.0	19.1	4.2	NORWEGIAN SEA	3	27	183	0.60	0.00	9.10	FELT NORWAY
20220830	081853.5	52.16	-2.40	373.0	252.0	5.8	0.7	SUCKLEY,WORCESTERSHIRE		7	111	0.10	0.80	6.50	
20220830	133046.1	55.84	-6.19	137.8	669.0	7.1	1.3	ISLAY,ARGYLL & BUTE		8	146	0.30	5.05	0.00	
20220905	074502.8	51.62	-2.20	386.3	190.8	14.0	1.5	TETBURY,GLOUCESTERSHIRE		10	166	0.30	2.90	2.60	3KM SW TETBURY
20220906	230032.1	56.91	-4.82	228.6	783.1	7.6	0.8	ROYBRIDGE,HIGHLAND		7	107	0.40	5.01	0.00	
20220907	211439.1	55.36	-5.25	194.0	611.9	7.6	0.6	ARRAN,NORTH AYRSHIRE		6	114	0.40	4.65	0.00	8KM SOUTH ARRAN

TABLE 1 : CATALOGUE OF EVENTS : 2022

YearMoDy	HrMnSecs	Lat	Lon	kmE	kmN	Dep	Mag	Locality	Int	No	Gap	RMS	ERH	ERZ	Comments
20220908	211203.9	55.36	-5.25	194.3	611.8	11.8	0.5	ARRAN,NORTH AYRSHIRE		6	113	0.40	5.52	0.00	8KM SOUTH ARRAN
20220909	125040.5	54.14	-3.02	333.3	472.0	5.2	0.6	BARDSEA,CUMBRIA		7	165	0.20	2.90	4.40	
20220909	154221.8	51.97	-2.43	370.5	230.5	2.6	1.1	DYMOCK,GLOUCESTERSHIRE		7	123	0.20	0.90	1.80	
20220911	034027.4	53.11	-1.27	448.5	357.0	2.6	1.2	ASHFIELD,NOTTS		10	119	0.40	6.14	5.60	
20220911	043655.0	53.10	-1.29	447.8	356.6	2.5	1.1	ASHFIELD,NOTTS		10	117	0.50	6.36	5.30	
20220915	170052.4	52.11	-0.91	474.7	246.5	10.1	1.0	POTTERSPURY,NORTHANTS		5	268	0.20	7.02	4.50	
20220917	061150.9	59.77	2.28	640.3	1105.7	10.0	2.4	NORTHERN NORTH SEA		11	112	0.30	4.80	0.00	195KM ESE LERWICK
20220917	161631.3	54.03	-3.33	312.7	459.8	13.6	1.0	IRISH SEA		11	79	0.30	3.08	4.70	10KM SW BARROW
20220917	174427.1	60.03	1.28	582.7	1131.8	10.0	2.2	NORTHERN NORTH SEA		9	131	0.30	4.69	0.00	135KM EAST LERWICK
20220918	082450.6	52.95	-4.08	260.5	341.3	7.0	1.5	PORTHMADOG,GWYNEDD	3	12	108	0.40	5.08	0.00	FELT CYM-Y-GLO...
20220919	173112.0	59.48	2.18	636.6	1072.9	10.0	1.8	NORTHERN NORTH SEA		8	127	0.40	8.03	0.00	200KM ESE LERWICK
20220922	003628.2	54.09	-2.05	397.0	465.5	13.8	0.9	GRASSINGTON,N YORKSHIRE		13	57	0.20	0.90	2.70	3KM WSW GRASSINGTON
20220923	122909.1	54.31	-3.21	321.2	491.5	7.2	0.3	ULPHA,CUMBRIA		7	139	0.30	3.75	2.30	
20220924	002645.0	56.62	-5.56	181.5	753.1	6.9	0.4	STRONTIAN,HIGHLAND		6	190	0.40	9.68	0.00	8KM SOUTH STRONTIAN
20220925	005859.8	51.06	-2.94	334.1	129.8	15.1	0.8	EAST LYNG,SOMERSET		8	168	0.20	4.98	5.50	
20220925	084033.3	54.32	-3.19	322.7	492.3	4.3	0.5	ULPHA,CUMBRIA		10	131	0.20	1.94	2.10	
20220925	084104.2	54.32	-3.24	319.4	491.9	7.9	0.3	ULPHA,CUMBRIA		3	183	0.20	5.39	4.10	
20220926	073905.2	52.11	-0.89	476.3	246.2	12.7	1.8	POTTERSPURY,NORTHANTS		9	134	0.20	2.33	3.20	
20220927	013149.9	57.70	-5.71	179.1	873.3	6.7	0.6	BADACHRO,HIGHLAND		5	215	0.30	0.00	0.00	
20220927	013411.6	57.70	-5.69	180.0	873.3	7.6	1.0	BADACHRO,HIGHLAND		6	213	0.30	8.35	0.00	
20220927	020056.5	57.70	-5.73	178.0	874.0	7.6	0.8	BADACHRO,HIGHLAND		5	218	0.40	0.00	0.00	
20220927	023908.1	52.63	-2.86	341.5	303.6	9.3	1.2	HABBERLEY,SHROPSHIRE		11	70	0.30	3.49	5.30	
20220927	203337.4	57.69	-5.72	178.2	873.0	7.7	1.3	BADACHRO,HIGHLAND		8	217	0.50	0.00	0.00	
20220928	092841.3	57.70	-5.71	178.8	873.5	7.1	1.1	BADACHRO,HIGHLAND		6	216	0.50	0.00	0.00	
20220930	145316.1	55.18	-3.65	295.0	588.9	11.8	1.8	AULDGIRTH,D & G		14	59	0.30	3.08	4.20	4KM NE AULDGIRTH
20221002	005518.1	56.95	-5.39	194.1	789.5	7.9	0.7	KINLOCHARKAIG,HIGHLAND		7	159	0.30	5.07	0.00	
20221002	145839.4	51.79	-3.58	291.3	211.3	7.8	1.4	YSTRADFELLTE,POWYS		11	88	0.40	4.18	9.10	
20221003	150751.8	56.17	-3.88	283.0	699.6	6.5	1.2	BLAIRLOGIE,STIRLING		11	77	0.50	6.93	9.20	
20221003	172635.5	56.17	-3.89	282.5	698.6	7.8	0.6	BLAIRLOGIE,STIRLING		9	76	0.30	3.58	0.00	
20221007	193000.8	54.12	-1.80	413.3	469.3	6.6	0.5	RAMSGILL,N YORKSHIRE		9	155	0.30	4.11	3.00	
20221011	083712.4	53.13	-3.85	276.1	361.0	7.8	1.8	LLANRWST,CONWY	3	14	91	0.30	3.44	5.00	FELT LLANBERIS...
20221013	033239.6	54.55	-2.80	348.5	517.5	8.4	0.1	BAMPTON,CUMBRIA		9	76	0.40	3.64	9.10	
20221013	174256.8	53.87	-2.82	346.2	441.9	4.3	1.2	ST MICHAEL'S,LANCASHIRE		16	68	0.30	2.59	2.40	
20221014	050447.9	54.17	-2.21	386.0	475.4	9.3	0.8	HALTON GILL,N YORKSHIRE		11	64	0.20	0.80	5.50	
20221014	162810.8	54.57	-3.97	272.8	521.1	7.8	0.3	IRISH SEA		7	107	0.20	2.02	6.30	25KM WEST WHITEHAVEN
20221018	024741.7	52.87	-5.53	162.7	336.0	5.7	0.6	IRISH SEA		8	85	0.30	2.94	6.20	35KM ESE WICKLOW
20221019	193330.4	56.16	-3.46	309.3	696.9	3.8	1.0	CLEISH,PERTH & KINROSS		8	111	0.40	5.09	8.10	
20221024	214552.9	53.55	-2.44	370.7	406.6	14.6	0.6	BOLTON,GTR MANCHESTER		9	113	0.10	0.70	1.80	
20221025	184202.2	50.21	-5.07	181.2	38.6	8.9	0.5	PENPOL,CORNWALL		5	187	0.30	0.00	5.60	
20221026	192104.8	50.37	-5.40	158.0	57.4	16.7	0.4	CELTIC SEA		5	297	0.00	1.20	1.80	14KM NW PORTREATH
20221026	192112.0	50.37	-5.40	158.1	57.7	16.6	0.5	CELTIC SEA		5	297	0.00	0.78	1.20	14KM NW PORTREATH
20221027	042426.5	57.37	-5.17	209.4	835.9	4.6	1.3	LOCH MONAR,HIGHLAND		9	96	0.30	7.08	0.00	

TABLE 1 : CATALOGUE OF EVENTS : 2022

YearMoDy	HrMnSecs	Lat	Lon	kmE	kmN	Dep	Mag	Locality	Int	No	Gap	RMS	ERH	ERZ	Comments
20221027	122752.2	52.08	-3.60	290.0	243.7	6.9	2.0	LLANWRTYD WELLS,POWYS		9	97	0.30	2.34	6.90	
20221027	133037.5	54.72	-2.98	336.9	536.3	8.6	1.0	MILLHOUSE,CUMBRIA		12	91	0.20	2.73	0.00	
20221028	170403.2	53.49	-2.82	345.8	399.5	14.3	1.0	KIRKBY,MERSEYSIDE		14	85	0.20	0.90	2.40	
20221029	021957.7	55.87	-4.91	217.8	668.3	6.4	0.3	WEMYSS BAY,INVERCLYDE		6	173	0.20	3.98	4.10	
20221031	013214.9	52.39	-2.26	382.2	277.0	8.0	0.7	KIDDERMINSTER,WORCS		8	116	0.20	1.00	0.00	
20221031	172635.7	57.00	-4.74	233.4	793.3	4.5	1.3	KILFINNAN,HIGHLAND		10	99	0.40	4.22	6.60	
20221103	083406.3	54.32	-3.23	320.2	492.3	7.6	0.3	ULPHA,CUMBRIA		6	144	0.20	2.48	1.50	
20221103	152934.1	56.41	-4.29	259.0	726.2	3.7	0.6	LOCHEARNHEAD,STIRLING		5	145	0.20	9.18	0.00	
20221103	235657.3	57.15	-5.56	184.5	811.7	3.8	1.4	ARNISDALE,HIGHLAND	2	9	172	0.20	8.76	0.00	FELT ARNISDALE
20221104	143427.1	57.16	-5.61	181.8	813.2	7.1	0.8	ARNISDALE,HIGHLAND		6	180	0.10	0.90	3.30	
20221105	102002.5	51.42	-1.47	436.9	169.6	16.1	1.8	EDDINGTON,BERKSHIRE		12	164	0.30	5.17	2.40	
20221106	211049.3	51.92	-6.81	69.5	235.7	5.0	1.1	CELTIC SEA		3	275	0.30	8.77	0.00	43KM SSE WATERFORD
20221108	155125.2	56.98	-5.56	183.7	793.0	8.2	0.9	LOCH NEVIS,HIGHLAND		6	179	0.40	8.39	0.00	
20221112	020803.6	52.12	-2.32	377.8	246.9	12.6	0.4	MALVERN,WORCESTERSHIRE		5	119	0.10	0.90	4.70	
20221113	195646.9	52.03	-2.82	343.5	237.0	4.3	0.6	CLEHONGER,HEREF		6	125	0.10	2.55	3.50	
20221114	161441.4	53.86	-2.32	379.2	440.8	12.7	1.3	BARLEY,LANCASHIRE		17	71	0.20	0.90	2.30	3KM WEST BARLEY
20221117	005751.9	54.38	-3.17	324.1	498.6	5.7	0.2	SEATHWAITE,CUMBRIA		5	145	0.40	5.46	5.60	
20221118	182330.0	54.25	-3.86	278.9	485.3	14.7	0.7	IRISH SEA		10	80	0.30	2.77	3.10	30KM WSW RAVENGLASS
20221121	072107.8	51.87	-2.45	369.0	219.3	10.7	1.0	LONGHOPE,GLOS		5	140	0.10	2.08	7.30	
20221126	084727.3	53.30	-2.09	393.7	377.9	5.8	1.7	BOLLINGTON,CHESHIRE		12	134	0.20	4.14	3.90	
20221126	104751.6	57.60	-5.46	193.4	861.6	2.6	1.2	TORRIDON,HIGHLAND		8	172	0.20	6.82	4.50	6KM NNE TORRIDON
20221127	085522.0	56.41	-5.68	173.0	730.6	2.6	1.1	MULL,ARGYLL & BUTE		7	227	0.20	5.66	2.80	
20221129	003009.4	57.59	-5.46	193.5	861.1	2.6	0.5	TORRIDON,HIGHLAND		6	171	0.30	8.42	4.50	6KM NNE TORRIDON
20221203	182724.9	54.22	-4.27	251.9	482.8	2.6	0.4	IRISH SEA		8	104	0.30	4.84	6.00	15KM NE DOUGLAS,IOM
20221205	014809.7	51.05	-2.71	350.3	127.8	10.7	0.9	SOMERTON,SOMERSET		7	182	0.20	7.46	8.20	
20221205	203025.7	56.01	-5.12	205.3	683.8	7.6	1.0	CRAIGENDIVE,ARGYLL/BUTE		11	117	0.40	4.12	0.00	
20221207	001646.8	51.69	-4.17	250.2	201.5	12.4	1.1	LLANELLI,DYFED		5	116	0.10	1.00	6.80	
20221208	042652.0	54.67	-3.13	327.1	531.3	7.6	0.3	BASSENTHWAITE,CUMBRIA		9	80	0.30	3.40	3.10	
20221211	051052.4	56.37	-5.49	184.4	725.5	2.8	0.4	LERAGS,ARGYLL & BUTE		6	199	0.20	9.36	0.00	
20221211	222756.8	53.97	0.40	557.6	455.6	4.8	1.5	SOUTHERN NORTH SEA		9	231	0.20	4.90	2.50	40KM ESE BRIDLINGTON
20221211	223909.9	56.52	-5.65	175.7	742.0	2.6	0.7	INNINBEG,HIGHLAND		6	208	0.30	7.91	4.00	6KM EAST INNINBEG
20221216	083739.7	56.59	-4.12	270.1	746.7	7.6	0.9	GLENLYON,PERTH/KINROSS		7	97	0.50	8.48	0.00	
20221216	102640.0	57.65	-5.30	203.0	866.9	8.2	1.0	KINLOCHEWE,HIGHLAND		6	155	0.70	0.00	0.00	5KM NORTH KINLOCHEWE
20221221	102641.4	55.99	-5.24	198.0	682.6	4.6	1.3	GLENDARUEL,ARGYLL/BUTE		8	133	0.20	3.62	3.10	
20221222	133010.0	56.64	-5.67	175.3	755.8	7.6	1.4	STRONTIAN,HIGHLAND		6	202	0.30	0.00	0.00	8KM SW STRONTIAN
20221222	160427.9	55.92	-5.30	193.6	674.7	8.3	1.0	MELLDALLOCH,ARGYLL/BUTE		8	142	0.20	4.85	9.10	
20221222	165624.6	56.63	-5.65	176.2	755.1	7.8	0.9	STRONTIAN,HIGHLAND		6	200	0.30	7.82	0.00	8KM SW STRONTIAN
20221225	105050.5	55.24	-3.50	304.5	595.2	2.6	0.7	ST ANN'S,D & G		9	85	0.40	4.53	6.10	
20221226	012049.5	54.41	-2.82	347.0	501.7	2.6	0.9	STAVELEY,CUMBRIA		6	210	0.20	5.19	5.10	
20221227	010912.5	51.88	-3.05	327.7	220.5	17.5	2.0	LLANBEDR,POWYS		14	77	0.30	4.79	2.60	
20221230	030355.6	56.63	-5.68	174.5	754.8	8.7	0.9	STRONTIAN,HIGHLAND		5	204	0.20	0.00	0.00	9KM SW STRONTIAN

TABLE 2 : PHASE DATA

January 1 2022 Time: 05:05 43.6 UTC Magnitude: 1.6 ML
Lat: 53.968 Lon: -3.317 Depth: 2.7 km
Grid Ref: 313.62 kmE 453.26 kmN RMS: 0.30 secs
Locality: IRISH SEA
Velocity model: Lownet Xnear: 500.0 Xfar: 1000.0
Comment: 18KM WNW FLEETWOOD

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KESW	HZ	70.4	EP			05:05	55.34			-0.45
KESW	HN	70.4	ES			05:06	04.14			-0.51
KESW	HE	70.4	IAML			05:06	05.11	20	0.42	
KESW	HN	70.4	IAML			05:06	07.00	20	0.18	
AR01	HN	70.5	ES			05:06	04.38			-0.29
AR01	HN	70.5	IAML			05:06	05.43	26	0.20	
AR01	HE	70.5	IAML			05:06	09.05	22	0.14	
IOMK	HZ	87.9	EP			05:05	58.55			0.06
IOMK	HN	87.9	ES			05:06	08.77			-0.55
IOMK	HE	87.9	IAML			05:06	11.27	10	0.13	
IOMK	HN	87.9	IAML			05:06	11.49	12	0.20	
WPS	HZ	100.0	EP			05:06	00.47			0.08
WPS	HE	100.0	IAML			05:06	14.37	13	0.20	
WPS	HN	100.0	IAML			05:06	17.08	11	0.42	
HPK	HZ	111.0	EP			05:06	02.00			-0.08
HPK	HE	111.0	ES			05:06	15.55			0.00
HPK	HN	111.0	IAML			05:06	17.91	41	0.23	
HPK	HE	111.0	IAML			05:06	18.57	37	0.18	
FOEL	HZ	120.0	EP			05:06	03.42			-0.14
FOEL	HN	120.0	ES			05:06	18.18			0.09
FOEL	HN	120.0	IAML			05:06	20.57	16	0.40	
FOEL	HE	120.0	IAML			05:06	21.69	14	0.45	
LBWR	HN	123.0	ES			05:06	18.98			0.29
LBWR	HN	123.0	IAML			05:06	19.54	21	0.32	
LBWR	HE	123.0	IAML			05:06	20.10	18	0.30	
EDMD	HZ	130.0	EP			05:06	05.06			0.05
EDMD	HN	130.0	ES			05:06	20.62			0.01
EDMD	HE	130.0	IAML			05:06	22.03	48	0.24	
EDMD	HN	130.0	IAML			05:06	23.13	38	0.14	
GAL1	HZ	135.0	EP			05:06	06.29			0.57
GAL1	HE	135.0	IAML			05:06	24.00	8	0.32	
GAL1	HN	135.0	IAML			05:06	25.15	8	0.38	
NEWG	HZ	141.0	EP			05:06	06.98			0.39
NEWG	HE	141.0	IAML			05:06	24.97	8	0.20	
NEWG	HN	141.0	IAML			05:06	24.97	8	0.14	
ESK	HZ	150.0	EP			05:06	08.16			0.22
ESK	HN	150.0	ES			05:06	26.09			0.40
ESK	HE	150.0	IAML			05:06	27.71	10	0.44	
ESK	HN	150.0	IAML			05:06	30.08	8	0.24	
HLM1	HZ	164.0	EP			05:06	09.78			-0.16
HLM1	HE	164.0	IAML			05:06	32.20	6	0.20	
HLM1	HN	164.0	IAML			05:06	32.83	5	0.35	

January 1 2022 Time: 13:57 06.8 UTC Magnitude: 2.1 ML
Lat: 58.582 Lon: -4.793 Depth: 5.6 km
Grid Ref: 237.64 kmE 969.34 kmN RMS: 0.10 secs
Locality: DURNESS,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 3KM NW DURNESS

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
BIGH	HZ	52.4	EP			13:57	15.79			-0.12
BIGH	HE	52.4	ES			13:57	22.58			0.02
BIGH	HN	52.4	IAML			13:57	22.96	153	0.18	
BIGH	HE	52.4	IAML			13:57	22.99	109	0.20	
LINV	HZ	53.9	IP		D	13:57	16.19			0.05
LINV	HE	53.9	ES			13:57	22.87			-0.08
LINV	HE	53.9	IAML			13:57	23.65	49	0.12	
LINV	HN	53.9	IAML			13:57	28.32	70	0.14	
MCD	HZ	144.0	EP			13:57	30.16			0.27
MCD	HN	144.0	IAML			13:57	49.94	48	0.36	
MCD	HE	144.0	IAML			13:57	50.01	58	0.28	
KPL	HZ	147.0	EP			13:57	30.55			0.16
KPL	HN	147.0	IAML			13:57	32.35	69	0.12	
KPL	HE	147.0	IAML			13:57	54.20	58	0.38	
INVG	HZ	244.0	EP			13:57	43.06			0.15
INVG	HN	244.0	IAML			13:58	18.73	11	0.28	
INVG	HE	244.0	IAML			13:58	18.99	17	0.45	
LAWE	HZ	261.0	EP			13:57	45.18			0.18
LAWE	HE	261.0	IAML			13:58	21.71	16	0.16	
LAWE	HN	261.0	IAML			13:58	23.57	18	0.18	
ESK	HZ	376.0	EP			13:57	59.09			-0.33

January 3 2022 Time: 22:57 19.5 UTC Magnitude: 1.1 ML
Lat: 53.325 Lon: -0.036 Depth: 18.7 km
Grid Ref: 530.79 kmE 382.73 kmN RMS: 0.20 secs
Locality: LOUTH,LINCOLNSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 5KM SSW LOUTH

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LMK	HZ	24.2	EP			22:57	24.88			-0.26
LMK	HN	24.2	ES			22:57	29.49			0.20
LMK	HN	24.2	IAML			22:57	29.80	29	0.28	
LMK	HE	24.2	IAML			22:57	30.14	18	0.17	
WACR	HZ	80.3	EP			22:57	32.43			-0.22
WACR	HN	80.3	ES			22:57	42.64			0.35
WACR	HN	80.3	IAML			22:57	43.50	8	0.26	
WACR	HE	80.3	IAML			22:57	43.87	5	0.21	
AU05	HN	81.4	ES			22:57	42.54			0.01
AU05	HN	81.4	IAML			22:57	42.95	25	0.38	
AU05	HE	81.4	IAML			22:57	43.07	16	0.27	
AV06	HZ	97.9	EP			22:57	35.22			0.05
AU08	HZ	98.0	EP			22:57	35.15			-0.05
CWF	HZ	107.0	EP			22:57	36.08			-0.45
CWF	HN	107.0	ES			22:57	49.10			0.11
CWF	HN	107.0	IAML			22:57	49.64	2	0.12	
CWF	HE	107.0	IAML			22:57	49.97	3	0.14	
LBWR	HZ	113.0	EP			22:57	37.25			-0.07
LBWR	HN	113.0	ES			22:57	50.54			0.18
LBWR	HE	113.0	IAML			22:57	51.06	4	0.13	
LBWR	HN	113.0	IAML			22:57	51.11	7	0.42	
HPK	HN	126.0	ES			22:57	53.82			0.23
HPK	HE	126.0	IAML			22:57	56.38	6	0.15	
HPK	HN	126.0	IAML			22:57	56.79	7	0.25	

January 4 2022 Time: 08:04 22.4 UTC Magnitude: 2.4 ML
Lat: 57.003 Lon: 1.848 Depth: 14.4 km
Grid Ref: 633.64 kmE 796.77 kmN RMS: 0.40 secs
Locality: CENTRAL NORTH SEA
Velocity model: North Sea Xnear: 400.0 Xfar: 600.0
Comment: 240KM EAST ABERDEEN

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
DRUM	HZ	264.0	EP			08:05	01.09			0.39
DRUM	HN	264.0	ES			08:05	28.26			-0.42
DRUM	HN	264.0	IAML			08:05	40.76	20	0.40	
DRUM	HE	264.0	IAML			08:05	45.26	14	0.44	
ESY	HZ	300.0	EP			08:05	05.31			0.06
ESY	HN	300.0	IAML			08:05	51.61	11	0.14	
ESY	HE	300.0	IAML			08:05	53.87	16	0.20	
EDI	HZ	333.0	EP			08:05	09.42			0.17
EDI	HE	333.0	ES			08:05	43.89			0.41
EDI	HN	333.0	IAML			08:06	00.42	12	0.32	
EDI	HE	333.0	IAML			08:06	05.00	11	0.54	
EDMD	HZ	339.0	EP			08:05	09.51			-0.55
EDMD	HE	339.0	ES			08:05	45.04			0.17
EDMD	HN	339.0	IAML			08:06	05.07	15	0.54	
EDMD	HE	339.0	IAML			08:06	05.27	13	0.20	
AU08	HZ	357.0	EP			08:05	13.04			0.71
AS10	HZ	357.0	EP			08:05	11.85			-0.46
AS10	HN	357.0	IAML			08:05	49.13	24	0.18	
AS10	HE	357.0	IAML			08:05	50.39	26	0.20	
AU11	HZ	358.0	EP			08:05	12.83			0.44
ESK	HZ	366.0	EP			08:05	12.62			-0.74
ESK	HN	366.0	ES			08:05	50.55			-0.03
ESK	HN	366.0	IAML			08:06	13.39	12	0.50	
ESK	HE	366.0	IAML			08:06	13.45	9	0.48	
INVG	HZ	366.0	EP			08:05	13.71			0.27
EAB	HZ	390.0	EP			08:05	16.71			0.27
AR07	HZ	431.0	EP			08:05	20.93			-0.57
LBWR	HZ	461.0	EP			08:05	24.82			-0.36
LBWR	HN	461.0	IAML			08:06	15.05	9	0.16	
LBWR	HE	461.0	IAML			08:06	15.18	9	0.22	
GAL1	HZ	474.0	EP			08:05	26.46			-0.30
GAL1	HN	474.0	IAML			08:06	14.24	8	0.40	
GAL1	HE	474.0	IAML			08:06	16.67	5	0.72	

January 6 2022 Time: 05:28 10.7 UTC Magnitude: 1.0 ML
Lat: 51.917 Lon: -2.528 Depth: 8.8 km
Grid Ref: 363.69 kmE 224.45 kmN RMS: 0.20 secs
Locality: ROSS-ON-WYE,HEREF
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
MONM	HZ	20.9	IP		C	05:28	14.91			0.06
MONM	HE	20.9	ES			05:28	18.21			0.35
MONM	HN	20.9	IAML			05:28	18.36	28	0.14	
MONM	HE	20.9	IAML			05:28	18.38	46	0.15	
OLDB	HZ	28.6	EP			05:28	15.75			-0.26
OLDB	HE	28.6	ES			05:28	19.64			-0.22
OLDB	HE	28.6	IAML			05:28	20.14	93	0.44	
OLDB	HN	28.6	IAML			05:28	21.31	51	0.30	
STRD	HZ	29.7	IP		D	05:28	16.12			-0.10
STRD	HN	29.7	ES			05:28	20.52			0.29
STRD	HN	29.7	IAML			05:28	20.62	51	0.14	
STRD	HE	29.7	IAML			05:28	21.09	32	0.20	
MCH1	HZ	33.5	IP		C	05:28	16.65			-0.17
MCH1	HE	33.5	ES			05:28	21.18			-0.08
MCH1	HE	33.5	IAML			05:28	21.32	10	0.18	
MCH1	HN	33.5	IAML			05:28	21.53	12	0.12	
HLM1	HZ	71.1	EP			05:28	22.66			-0.02
HLM1	HN	71.1	ES			05:28	31.22			-0.19
HLM1	HE	71.1	IAML			05:28	32.70	4	0.09	
HLM1	HN	71.1	IAML			05:28	32.74	4	0.16	
FOEL	HZ	117.0	EP			05:28	30.38			0.51
FOEL	HN	117.0	IAML			05:28	45.58	3	0.22	
FOEL	HE	117.0	IAML			05:28	46.49	3	0.43	
CWF	HZ	124.0	EP			05:28	30.67			-0.03
CWF	HN	124.0	IAML			05:28	46.27	2	0.12	
CWF	HE	124.0	IAML			05:28	46.37	4	0.10	
RSBS	HN	153.0	ES			05:28	52.50			0.07
RSBS	HN	153.0	IAML			05:28	53.06	6	0.34	
RSBS	HE	153.0	IAML			05:28	53.93	4	0.05	

TABLE 2 : PHASE DATA

January 7 2022 Time: 07:45 20.8 UTC Magnitude: 0.8 ML
Lat: 56.933 Lon: -4.739 Depth: 8.6 km
Grid Ref: 233.35 kmE 785.73 kmN RMS: 0.40 secs
Locality: ROYBRIDGE,HIGHLAND
Velocity model: Lownet Xnear: 500.0 Xfar: 1000.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
INVG	HZ	70.6	EP			07:45	32.27			-0.34
INVG	HN	70.6	ES			07:45	40.60			-0.66
INVG	HE	70.6	IAML			07:45	45.50	2	0.10	
INVG	HN	70.6	IAML			07:45	46.03	2	0.09	
KPL	HZ	71.5	EP			07:45	32.73			0.03
KPL	HN	71.5	ES			07:45	40.98			-0.42
KPL	HE	71.5	IAML			07:45	45.37	5	0.14	
KPL	HN	71.5	IAML			07:45	45.82	5	0.14	
LAWE	HZ	85.1	EP			07:45	35.45			0.61
LAWE	HN	85.1	IAML			07:45	49.50	4	0.17	
LAWE	HE	85.1	IAML			07:45	50.24	4	0.20	
EAB	HZ	86.4	EP			07:45	35.07			0.00
EAB	HN	86.4	ES			07:45	45.82			0.31
EAB	HE	86.4	IAML			07:45	49.89	3	0.13	
EAB	HN	86.4	IAML			07:45	49.90	5	0.14	
MCD	HN	115.0	ES			07:45	53.71			0.47
MCD	HN	115.0	IAML			07:45	56.32	5	0.28	
MCD	HE	115.0	IAML			07:45	56.50	5	0.30	

January 9 2022 Time: 18:34 09.3 UTC Magnitude: 2.2 ML
Lat: 54.276 Lon: -0.111 Depth: 10.7 km
Grid Ref: 522.98 kmE 488.37 kmN RMS: 0.40 secs
Locality: SOUTHERN NORTH SEA
Velocity model: North Sea Xnear: 100.0 Xfar: 200.0
Comment: 12KM OFFSHORE FILEY

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
GDLE	HZ	48.6	IP		D	18:34	17.33			-0.03
GDLE	HN	48.6	ES			18:34	23.11			-0.12
GDLE	HN	48.6	IAML			18:34	23.71	253	0.19	
GDLE	HE	48.6	IAML			18:34	25.13	155	0.17	
AT10	HZ	70.1	IP		C	18:34	20.82			0.05
AT10	HE	70.1	ES			18:34	29.53			0.41
AT10	HE	70.1	IAML			18:34	33.15	100	0.34	
AT10	HN	70.1	IAML			18:34	33.31	107	0.22	
AT12	HZ	93.0	EP			18:34	24.88			0.60
AT12	HN	93.0	ES			18:34	35.24			0.04
AT12	HE	93.0	IAML			18:34	37.50	168	0.18	
AT12	HN	93.0	IAML			18:34	38.05	182	0.28	
HPK	HZ	105.0	IP		D	18:34	25.89			-0.25
HPK	HE	105.0	ES			18:34	38.62			0.20
HPK	HE	105.0	IAML			18:34	39.95	83	0.21	
HPK	HN	105.0	IAML			18:34	40.44	79	0.19	
AS07	HZ	119.0	IP		C	18:34	28.08			-0.23
AS07	HN	119.0	ES			18:34	41.32			-0.85
AS07	HN	119.0	IAML			18:34	43.49	53	0.22	
AS07	HE	119.0	IAML			18:34	43.78	53	0.13	
AR05	HZ	129.0	EP			18:34	30.03			0.27
AR05	HE	129.0	ES			18:34	44.68			0.01
AR05	HE	129.0	IAML			18:34	45.97	62	0.17	
AR05	HN	129.0	IAML			18:34	46.23	57	0.22	
EDMD	HZ	135.0	EP			18:34	30.08			-0.41
EDMD	HN	135.0	ES			18:34	45.60			-0.34
EDMD	HN	135.0	IAML			18:34	47.50	59	0.12	
EDMD	HE	135.0	IAML			18:34	48.44	63	0.15	
LBWR	HZ	144.0	EP			18:34	30.92			-0.76
LBWR	HN	144.0	ES			18:34	48.66			0.66
LBWR	HE	144.0	IAML			18:34	49.59	44	0.17	
LBWR	HN	144.0	IAML			18:34	49.72	41	0.16	
AQ12	HZ	173.0	EP			18:34	35.52			0.29
AQ12	HN	173.0	IAML			18:34	57.67	18	0.14	
AQ12	HE	173.0	IAML			18:34	58.51	15	0.12	
CWF	HZ	189.0	EP			18:34	36.70			-0.50
CWF	HN	189.0	IAML			18:35	02.75	19	0.14	
CWF	HE	189.0	IAML			18:35	03.82	13	0.12	
KESW	HZ	197.0	EP			18:34	38.71			0.42
KESW	HN	197.0	IAML			18:35	05.07	14	0.30	
KESW	HE	197.0	IAML			18:35	05.36	12	0.20	
ESK	HZ	230.0	EP			18:34	42.40			0.02

January 9 2022 Time: 22:14 10.1 UTC Magnitude: 0.5 ML
Lat: 56.780 Lon: -5.680 Depth: 7.7 km
Grid Ref: 175.21 kmE 771.41 kmN RMS: 0.20 secs
Locality: LOCH SHIEL,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LAWE	HZ	60.5	EP			22:14	20.53			0.20
LAWE	HE	60.5	ES			22:14	27.53			-0.28
LAWE	HN	60.5	IAML			22:14	27.67	2	0.12	
LAWE	HE	60.5	IAML			22:14	28.10	3	0.10	
KPL	HZ	62.2	EP			22:14	20.75			0.16
KPL	HN	62.2	ES			22:14	28.02			-0.23
KPL	HE	62.2	IAML			22:14	32.13	2	0.22	
KPL	HN	62.2	IAML			22:14	32.13	2	0.17	
EAB	HZ	106.0	EP			22:14	27.57			0.19
EAB	HN	106.0	ES			22:14	39.93			-0.08
EAB	HE	106.0	IAML			22:14	41.30	2	0.06	
EAB	HN	106.0	IAML			22:14	42.27	2	0.18	
INVG	HZ	108.0	EP			22:14	27.77			0.05
INVG	HN	108.0	ES			22:14	40.59			0.01
INVG	HE	108.0	IAML			22:14	42.64	2	0.11	
INVG	HN	108.0	IAML			22:14	42.72	3	0.12	

January 16 2022 Time: 22:46 22.9 UTC Magnitude: 1.8 ML
Lat: 61.043 Lon: 3.832 Depth: 10.0 km
Grid Ref: 714.68 kmE 1254.03 kmN RMS: 0.30 secs
Locality: NORWEGIAN SEA
Velocity model: North Sea Xnear: 400.0 Xfar: 600.0
Comment: 290KM ENE LERWICK

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
FOO	HZ	89.5	EP			22:46	37.58			0.22
FOO	HN	89.5	ES			22:46	47.67			-0.24
FOO	HE	89.5	IAML			22:46	48.48	25	0.08	
FOO	HN	89.5	IAML			22:46	48.76	27	0.13	
BER	HZ	110.0	EP			22:46	41.10			0.56
BER	HN	110.0	ES			22:46	53.02			-0.38
BER	HE	110.0	IAML			22:46	54.36	36	0.12	
BER	HN	110.0	IAML			22:46	54.39	33	0.22	
LRW	HN	293.0	ES			22:47	33.41			-0.16
LRW	HE	293.0	IAML			22:47	34.61	3	0.13	
LRW	HN	293.0	IAML			22:47	34.75	4	0.55	

January 17 2022 Time: 04:55 54.2 UTC Magnitude: 1.1 ML
Lat: 53.603 Lon: -2.984 Depth: 7.7 km
Grid Ref: 334.89 kmE 412.30 kmN RMS: 0.30 secs
Locality: SOUTHPORT,MERSEYSIDE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AR09	HZ	77.9	EP			04:56	07.25			0.03
AR09	HE	77.9	ES			04:56	16.75			0.03
AR09	HN	77.9	IAML			04:56	17.14	25	0.06	
AR09	HE	77.9	IAML			04:56	17.25	32	0.09	
FOEL	HZ	80.7	EP			04:56	07.74			0.11
FOEL	HN	80.7	ES			04:56	17.37			-0.07
FOEL	HN	80.7	IAML			04:56	18.88	4	0.18	
FOEL	HE	80.7	IAML			04:56	19.47	3	0.07	
LBWR	HZ	86.5	EP			04:56	08.76			0.24
LBWR	HE	86.5	ES			04:56	18.92			-0.05
LBWR	HN	86.5	IAML			04:56	21.54	13	0.30	
LBWR	HE	86.5	IAML			04:56	23.02	12	0.36	
AQ12	HZ	94.0	EP			04:56	09.71			0.01
AQ12	HE	94.0	ES			04:56	20.53			-0.48
AQ12	HE	94.0	IAML			04:56	21.82	9	0.04	
AQ12	HN	94.0	IAML			04:56	22.47	6	0.06	
WPS	HZ	103.0	EP			04:56	10.89			-0.12
KESW	HZ	110.0	EP			04:56	12.47			0.32
KESW	HE	110.0	ES			04:56	25.01			-0.24
KESW	HN	110.0	IAML			04:56	26.39	3	0.16	
KESW	HE	110.0	IAML			04:56	26.77	2	0.18	
HLM1	HZ	121.0	EP			04:56	13.92			0.06
HLM1	HN	121.0	ES			04:56	27.77			-0.45
HLM1	HN	121.0	IAML			04:56	28.90	2	0.14	
HLM1	HE	121.0	IAML			04:56	29.74	2	0.22	
IOMK	HZ	127.0	EP			04:56	15.23			0.50
EDMD	HZ	152.0	EP			04:56	19.16			0.90

January 18 2022 Time: 22:05 02.5 UTC Magnitude: 1.0 ML
Lat: 52.249 Lon: 1.721 Depth: 18.7 km
Grid Ref: 653.96 kmE 267.77 kmN RMS: 0.20 secs
Locality: SOUTHERN NORTH SEA
Velocity model: North Sea Xnear: 100.0 Xfar: 200.0
Comment: 7KM ESE DUNWICH

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
SIZE	CZ	7.7	EP			22:05	05.65			-0.10
SIZE	CN	7.7	ES			22:05	08.17			0.08
SIZE	CE	7.7	IAML			22:05	08.29	49	0.10	
SIZE	CN	7.7	IAML			22:05	08.72	43	0.13	
ELMS	HZ	52.9	EP			22:05	11.23			-0.20
ELMS	HN	52.9	ES			22:05	17.78			-0.14
ELMS	HE	52.9	IAML			22:05	19.38	24	0.16	
ELMS	HN	52.9	IAML			22:05	19.75	14	0.08	
BRAD	EZ	79.7	EP			22:05	15.27			-0.19
BRAD	EN	79.7	ES			22:05	25.20			0.31
BRAD	EE	79.7	IAML			22:05	26.69	3	0.14	
BRAD	EN	79.7	IAML			22:05	27.38	4	0.26	
WACR	HZ	91.1	EP			22:05	17.52			0.31
WACR	HN	91.1	ES			22:05	27.85			-0.07
WACR	HN	91.1	IAML			22:05	31.29	7	0.31	
WACR	HE	91.1	IAML			22:05	34.10	5	0.18	

January 19 2022 Time: 12:33 03.2 UTC Magnitude: 2.0 ML
Lat: 61.327 Lon: 3.343 Depth: 10.0 km
Grid Ref: 685.75 kmE 1283.33 kmN RMS: 0.40 secs
Locality: NORWEGIAN SEA
Velocity model: North Sea Xnear: 400.0 Xfar: 600.0
Comment: 275KM ENE LERWICK

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
FOO	HZ	95.5	EP			12:33	18.93			0.33
FOO	HN	95.5	ES			12:33	29.46			-0.37
FOO	HE	95.5	IAML			12:33	31.48	29	0.30	
FOO	HN	95.5	IAML			12:33	32.02	67	0.26	
BER	HZ	151.0	EP			12:33	27.01			0.52
BER	HN	151.0	ES			12:33	43.19			-0.27

TABLE 2 : PHASE DATA

BER	HN	151.0	IAML		12:33	46.04	19	0.24	
BER	HE	151.0	IAML		12:33	46.21	27	0.24	
LRW	HN	280.0	ES		12:34	11.00			-0.21
LRW	HN	280.0	IAML		12:34	11.72	6	0.13	
LRW	HE	280.0	IAML		12:34	13.10	6	0.16	

January 19 2022 Time: 20:32 18.2 UTC Magnitude: 1.1 ML
Lat: 55.792 Lon: -5.741 Depth: 14.4 km
Grid Ref: 165.51 kmE 661.74 kmN RMS: 0.10 secs
Locality: SOUND OF JURA
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LAWE	HZ	56.3	EP			20:32	27.86			-0.02
LAWE	HN	56.3	ES			20:32	34.92			-0.02
LAWE	HN	56.3	IAML			20:32	37.17	9	0.20	
LAWE	HE	56.3	IAML			20:32	37.33	11	0.24	
PGB1	HZ	78.9	EP			20:32	31.60			0.23
PGB1	HN	78.9	ES			20:32	40.87			-0.11
PGB1	HN	78.9	IAML			20:32	41.12	23	0.42	
PGB1	HE	78.9	IAML			20:32	41.78	30	0.32	
CLGH	HZ	82.4	EP			20:32	31.87			-0.05
CLGH	HN	82.4	IAML			20:32	41.97	5	0.11	
CLGH	HE	82.4	IAML			20:32	42.14	5	0.29	
EAB	HZ	98.1	EP			20:32	34.16			-0.05
EAB	HE	98.1	ES			20:32	45.93			0.04
EAB	HE	98.1	IAML			20:32	47.60	4	0.13	
EAB	HN	98.1	IAML			20:32	48.77	5	0.15	
NEWG	HZ	122.0	EP			20:32	37.53			-0.01
NEWG	HN	122.0	ES			20:32	51.53			-0.12
NEWG	HN	122.0	IAML			20:32	51.84	4	0.32	
NEWG	HE	122.0	IAML			20:32	52.89	3	0.30	
GAL1	HZ	122.0	EP			20:32	37.60			0.00
GAL1	HN	122.0	ES			20:32	51.86			0.11
GAL1	HE	122.0	IAML			20:32	53.72	5	0.22	
GAL1	HN	122.0	IAML			20:32	54.00	4	0.14	
INVG	HZ	127.0	EP			20:32	38.33			-0.02
INVG	HE	127.0	IAML			20:32	55.93	2	0.14	
INVG	HN	127.0	IAML			20:32	56.21	2	0.16	
ESK	HZ	169.0	EP			20:32	43.92			-0.10
ESK	HN	169.0	IAML			20:33	06.16	4	0.28	
ESK	HE	169.0	IAML			20:33	06.61	2	0.21	

January 21 2022 Time: 23:45 47.1 UTC Magnitude: 1.0 ML
Lat: 51.722 Lon: -3.313 Depth: 15.1 km
Grid Ref: 309.32 kmE 203.45 kmN RMS: 0.10 secs
Locality: BEDLINOG,MERTHYR TYDFIL
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 4KM SE MERTHYR

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
MONM	HZ	37.5	EP			23:45	53.95			-0.01
MCH1	HZ	37.5	IP		C	23:45	53.86			-0.13
MCH1	HE	37.5	ES			23:45	59.07			0.06
MCH1	HE	37.5	IAML			23:45	59.19	6	0.14	
MCH1	HN	37.5	IAML			23:45	59.20	7	0.12	
MONM	HE	37.5	ES			23:45	59.12			0.16
MONM	HN	37.5	IAML			23:45	59.55	13	0.25	
MONM	HE	37.5	IAML			23:45	59.76	11	0.26	
OLDB	HZ	53.2	EP			23:45	56.30			-0.01
OLDB	HZ	53.2	IP		D	23:45	56.37			0.06
OLDB	HN	53.2	IAML			23:46	03.65	26	0.27	
OLDB	HE	53.2	IAML			23:46	03.69	30	0.39	
STRD	HE	79.7	ES			23:46	09.90			-0.22
STRD	HE	79.7	IAML			23:46	10.72	12	0.18	
STRD	HN	79.7	IAML			23:46	11.79	8	0.19	
HLM1	HZ	93.4	EP			23:46	02.56			0.13
HLM1	HN	93.4	IAML			23:46	17.41	5	0.29	
HLM1	HE	93.4	IAML			23:46	17.42	6	0.27	
RSBS	HZ	102.0	EP			23:46	03.42			-0.20
RSBS	HN	102.0	IAML			23:46	15.28	4	0.07	
RSBS	HE	102.0	IAML			23:46	16.81	5	0.10	
HTL	HZ	115.0	EP			23:46	05.67			0.23
DYA	HZ	150.0	EP			23:46	10.37			-0.05

January 22 2022 Time: 00:22 00.6 UTC Magnitude: 1.6 ML
Lat: 53.840 Lon: -0.449 Depth: 9.2 km
Grid Ref: 502.04 kmE 439.33 kmN RMS: 0.30 secs
Locality: BEVERLEY,E YORKSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
GDLE	HZ	69.0	EP			00:22	11.91			-0.28
GDLE	HE	69.0	ES			00:22	20.97			0.32
GDLE	HE	69.0	IAML			00:22	22.56	19	0.15	
GDLE	HN	69.0	IAML			00:22	24.98	25	0.39	
AT10	HZ	75.7	IP		D	00:22	12.93			-0.33
AT10	HN	75.7	ES			00:22	22.55			0.06
AT10	HN	75.7	IAML			00:22	24.73	16	0.20	
AT10	HE	75.7	IAML			00:22	24.95	21	0.32	
HPK	HZ	78.3	EP			00:22	14.09			0.45
HPK	HE	78.3	ES			00:22	23.03			-0.12
HPK	HN	78.3	IAML			00:22	24.87	49	0.28	
HPK	HE	78.3	IAML			00:22	25.66	68	0.20	
LBWR	HZ	97.5	IP		C	00:22	16.50			-0.13
LBWR	HE	97.5	ES			00:22	28.35			0.02
LBWR	HN	97.5	IAML			00:22	30.15	47	0.26	
LBWR	HE	97.5	IAML			00:22	30.57	26	0.09	
AR01	HZ	126.0	EP			00:22	21.01			0.12
AR01	HN	126.0	ES			00:22	35.24			-0.46
AR01	HE	126.0	IAML			00:22	37.07	24	0.19	
AR01	HN	126.0	IAML			00:22	38.07	15	0.16	
CWF	HZ	135.0	EP			00:22	22.24			0.02
CWF	HE	135.0	ES			00:22	38.50			0.50
CWF	HE	135.0	IAML			00:22	39.73	10	0.07	
CWF	HN	135.0	IAML			00:22	40.12	10	0.14	
WACR	HZ	143.0	EP			00:22	23.08			-0.28
EDMD	HZ	148.0	EP			00:22	24.03			0.07
AQ12	HZ	164.0	EP			00:22	26.82			0.41
KESW	HZ	192.0	EP			00:22	30.81			0.95
KESW	HN	192.0	IAML			00:22	55.63	6	0.32	
KESW	HE	192.0	IAML			00:22	56.37	5	0.24	
HLM1	HZ	219.0	EP			00:22	35.51			2.25
ESK	HZ	242.0	EP			00:22	40.21			4.09

January 24 2022 Time: 02:48 41.7 UTC Magnitude: 0.4 ML
Lat: 55.065 Lon: -6.014 Depth: 1.0 km
Grid Ref: 143.74 kmE 581.87 kmN RMS: 0.40 secs
Locality: NORTH CHANNEL
Velocity model: Lownet Xnear: 500.0 Xfar: 1000.0
Comment: 3KM ESE CUSHENDALL

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
CLGH	HZ	6.5	EP			02:48	42.59			-0.74
CLGH	HN	6.5	ES			02:48	44.65			0.14
CLGH	HN	6.5	IAML			02:48	48.58	20	0.53	
CLGH	HE	6.5	IAML			02:48	49.04	17	0.54	
GAL1	HZ	86.3	EP			02:48	56.38			-0.43
IDGL	HZ	95.5	EP			02:48	58.30			0.07
IDGL	HE	95.5	ES			02:49	10.89			0.60
IDGL	HN	95.5	IAML			02:49	11.85	4	0.28	
IDGL	HE	95.5	IAML			02:49	12.92	3	0.61	
NEWG	HN	114.0	ES			02:49	15.69			0.42
ILTH	HE	117.0	ES			02:49	16.04			-0.05
ILTH	HN	117.0	IAML			02:49	17.81	2	0.35	
ILTH	HE	117.0	IAML			02:49	18.80	2	0.30	

January 26 2022 Time: 21:17 30.6 UTC Magnitude: 0.8 ML
Lat: 53.365 Lon: -4.319 Depth: 6.5 km
Grid Ref: 245.71 kmE 387.88 kmN RMS: 0.30 secs
Locality: DULAS,ANGLESEY
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
WPS	HZ	12.6	EP			21:17	33.38			0.05
WPS	HN	12.6	ES			21:17	35.15			-0.17
WPS	HE	12.6	IAML			21:17	35.26	90	0.06	
WPS	HN	12.6	IAML			21:17	35.27	114	0.15	
FOEL	HZ	91.7	EP			21:17	45.77			-0.06
FOEL	HE	91.7	ES			21:17	56.57			-0.37
IOMK	HZ	101.0	EP			21:17	47.65			0.44
IOMK	HN	101.0	ES			21:17	59.06			-0.28
IOMK	HE	101.0	IAML			21:17	59.96	2	0.10	
IOMK	HN	101.0	IAML			21:18	01.33	2	0.12	
HLM1	HZ	135.0	EP			21:17	52.76			0.34
HLM1	HN	135.0	ES			21:18	08.74			0.40
HLM1	HE	135.0	IAML			21:18	09.85	2	0.46	
HLM1	HN	135.0	IAML			21:18	11.23	2	0.17	
DSB	HZ	138.0	EP			21:17	53.35			0.63
DSB	HN	138.0	ES			21:18	08.44			-0.42
DSB	HN	138.0	IAML			21:18	09.63	2	0.26	
DSB	HE	138.0	IAML			21:18	09.88	1	0.11	

January 31 2022 Time: 14:37 18.8 UTC Magnitude: 3.6 ML
Lat: 56.982 Lon: 1.837 Depth: 15.2 km
Grid Ref: 633.11 kmE 794.40 kmN RMS: 0.40 secs
Locality: CENTRAL NORTH SEA
Velocity model: North Sea Xnear: 400.0 Xfar: 600.0
Comment: 240KM EAST ABERDEEN

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
DRUM	HZ	263.0	EP			14:37	55.91			0.36
DRUM	HN	263.0	IAML			14:38	39.90	261	0.52	
DRUM	HE	263.0	IAML			14:38	40.44	217	0.54	
ESY	HZ	299.0	EP			14:38	00.58			0.58
ESY	HE	299.0	IAML			14:38	48.73	239	0.38	
ESY	HN	299.0	IAML			14:38	52.33	178	0.48	
MCD	HZ	314.0	EP			14:38	02.39			0.50
MCD	HN	314.0	IAML			14:38	50.46	226	0.38	
MCD	HE	314.0	IAML			14:38	58.98	310	0.54	
KMY	HZ	319.0	EP			14:38	01.83			-0.60
GDLE	HZ	330.0	EP			14:38	04.16			0.29
GDLE	HE	330.0	IAML			14:39	03.17	411	0.32	
GDLE	HN	330.0	IAML			14:39	06.38	337	0.42	
EDI	HZ	331.0	EP			14:38	04.24			0.23
EDI	HN	331.0	IAML			14:38	55.84	155	0.40	
EDI	HE	331.0	IAML			14:39	05.28	209	0.62	
EDMD	HZ	337.0	EP			14:38	04.46			-0.26
EDMD	HN	337.0	IAML			14:39	00.28	153	0.52	
EDMD	HE	337.0	IAML			14:39	15.59	180	0.54	
AT12	HZ	338.0	EP			14:38	05.11			0.31
AT12	HN	338.0	IAML			14:39	12.64	1004	0.50	
AT12	HE	338.0	IAML			14:39	13.02	692	0.48	
SNART	HZ	354.0	EP			14:38	07.51			0.65

TABLE 2 : PHASE DATA

ESK	HZ	364.0	EP		14:38	07.92			-0.15
ESK	HN	364.0	IAML		14:39	08.32	138	0.34	
ESK	HE	364.0	IAML		14:39	18.26	118	0.58	
INVG	HZ	365.0	EP		14:38	08.32			0.07
INVG	HN	365.0	IAML		14:39	09.47	65	0.82	
INVG	HE	365.0	IAML		14:39	09.82	59	0.44	
BIGH	HZ	381.0	EP		14:38	10.33			0.12
BIGH	HN	381.0	ES		14:38	47.33			-0.39
BIGH	HN	381.0	IAML		14:38	48.22	72	0.42	
BIGH	HE	381.0	IAML		14:39	20.32	69	0.56	
AS07	HZ	386.0	EP		14:38	10.57			-0.21
AS07	HE	386.0	IAML		14:39	16.90	167	0.42	
AS07	HN	386.0	IAML		14:39	31.47	150	0.60	
EAB	HZ	389.0	EP		14:38	11.47			0.24
EAB	HN	389.0	IAML		14:39	18.46	87	0.46	
EAB	HE	389.0	IAML		14:39	28.90	61	0.46	
LRW	HZ	393.0	EP		14:38	11.52			-0.09
LRW	HN	393.0	ES		14:38	50.48			0.33
LRW	HN	393.0	IAML		14:38	51.96	52	0.80	
LRW	HE	393.0	IAML		14:38	53.55	39	0.62	
HPK	HZ	401.0	EP		14:38	12.75			0.03
HPK	HE	401.0	IAML		14:39	21.98	195	0.46	
HPK	HN	401.0	IAML		14:39	23.73	144	0.40	
AQ12	HZ	404.0	EP		14:38	12.27			-0.81
AQ12	HN	404.0	IAML		14:39	17.07	60	0.38	
AQ12	HE	404.0	IAML		14:39	20.79	45	0.44	
AR09	HZ	408.0	EP		14:38	13.13			-0.47
AR09	HN	408.0	IAML		14:38	56.84	261	0.30	
AR09	HE	408.0	IAML		14:39	21.62	318	0.36	
KESW	HZ	409.0	EP		14:38	13.23			-0.39
KESW	HE	409.0	IAML		14:39	27.84	121	0.56	
KESW	HN	409.0	IAML		14:39	33.43	97	0.54	
PGB1	HZ	411.0	EP		14:38	14.26			0.31
PGB1	HE	411.0	IAML		14:39	22.04	300	0.44	
PGB1	HN	411.0	IAML		14:39	40.59	214	0.64	
AR05	HZ	413.0	EP		14:38	14.06			-0.04
AR05	HN	413.0	IAML		14:39	23.08	179	0.40	
AR05	HE	413.0	IAML		14:39	39.42	242	0.66	
LMK	HZ	416.0	EP		14:38	15.17			0.67
LMK	HN	416.0	IAML		14:39	32.70	253	0.38	
LMK	HE	416.0	IAML		14:39	50.31	232	0.56	
BER	HZ	430.0	EP		14:38	15.68			-0.53
BER	HE	430.0	IAML		14:38	58.88	21	0.36	
BER	HN	430.0	IAML		14:39	28.99	18	0.44	
NEWG	HZ	431.0	EP		14:38	15.91			-0.49
NEWG	HE	431.0	IAML		14:39	29.41	62	0.44	
NEWG	HN	431.0	IAML		14:39	40.72	113	0.48	
LINV	HZ	440.0	EP		14:38	17.01			-0.52
LINV	HN	440.0	IAML		14:39	27.40	54	0.68	
LINV	HE	440.0	IAML		14:39	38.05	35	0.48	
LAWE	HZ	451.0	EP		14:38	18.78			-0.12
LAWE	HN	451.0	IAML		14:39	33.26	59	0.48	
LAWE	HE	451.0	IAML		14:39	54.73	44	0.52	
KPL	HZ	455.0	EP		14:38	19.37			0.05
KPL	HE	455.0	IAML		14:39	34.52	43	0.42	
KPL	HN	455.0	IAML		14:39	53.83	62	0.50	
LBWR	HZ	458.0	EP		14:38	19.85			0.03
LBWR	HE	458.0	IAML		14:39	44.12	100	0.42	
LBWR	HN	458.0	IAML		14:39	44.68	110	0.42	
GAL1	HZ	472.0	EP		14:38	21.46			-0.02
GAL1	HN	472.0	IAML		14:39	47.55	78	0.56	
GAL1	HE	472.0	IAML		14:39	47.89	54	0.58	
IOMK	HZ	504.0	EP		14:38	24.62			-0.86
IOMK	HE	504.0	IAML		14:40	00.52	14	0.56	
IOMK	HN	504.0	IAML		14:40	12.76	15	0.64	
CLGH	HZ	538.0	EP		14:38	29.53			-0.19
CLGH	HE	538.0	IAML		14:40	03.01	37	0.44	
CLGH	HN	538.0	IAML		14:40	04.90	36	0.44	
ELMS	HZ	547.0	EP		14:38	31.64			0.87
ELMS	HN	547.0	IAML		14:39	31.23	66	0.38	
ELMS	HE	547.0	IAML		14:39	36.05	72	0.38	
FOEL	HZ	558.0	EP		14:38	31.69			-0.50
FOEL	HE	558.0	IAML		14:40	12.89	66	0.62	
FOEL	HN	558.0	IAML		14:40	22.94	58	0.50	

February 1 2022 Time: 00:10 20.7 UTC Magnitude: 0.6 ML
Lat: 52.341 Lon: -4.015 Depth: 7.8 km
Grid Ref: 262.74 kmE 273.39 kmN RMS: 0.30 secs
Locality: LLANILAR,CEREDIGION
Velocity model: Lownet Xnear: 500.0 Xfar: 1000.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
RSBS	HZ	66.1	EP			00:10	31.53			-0.30
RSBS	HE	66.1	ES			00:10	39.91			-0.05
RSBS	HE	66.1	IAML			00:10	41.83	5	0.04	
RSBS	HN	66.1	IAML			00:10	42.19	5	0.08	
MCH1	HZ	79.3	EP			00:10	34.19			0.32
MCH1	HN	79.3	ES			00:10	43.25			-0.25
MCH1	HE	79.3	IAML			00:10	43.82	2	0.10	
MCH1	HN	79.3	IAML			00:10	44.30	2	0.07	
HLM1	HZ	79.6	EP			00:10	34.29			0.33
HLM1	HN	79.6	ES			00:10	43.10			-0.54
HLM1	HN	79.6	IAML			00:10	44.17	6	0.10	
HLM1	HE	79.6	IAML			00:10	44.88	2	0.12	
FOEL	HZ	82.3	EP			00:10	34.47			0.10
MONM	HZ	100.0	EP			00:10	37.44			0.38

February 1 2022 Time: 12:55 43.1 UTC Magnitude: 0.4 ML
Lat: 50.175 Lon: -5.242 Depth: 5.3 km
Grid Ref: 168.54 kmE 35.65 kmN RMS: 0.00 secs
Locality: CARNMENELLIS,CORNWALL
Velocity model: Cornwall Xnear: 200.0 Xfar: 500.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
CCA1	HZ	1.7	IP		C	12:55	44.09			-0.03
CCA1	HN	1.7	ES			12:55	44.91			0.02
CCA1	HE	1.7	IAML			12:55	45.00	99	0.08	
CCA1	HN	1.7	IAML			12:55	45.00	64	0.08	
GEL02	CZ	6.8	IP		C	12:55	44.62			-0.01
GEL02	CN	6.8	ES			12:55	45.79			0.00
GEL02	CE	6.8	IAML			12:55	45.89	95	0.06	
GEL02	CN	6.8	IAML			12:55	45.89	80	0.08	
GEL09	CZ	8.0	IP		C	12:55	44.80			0.00
GEL09	CE	8.0	ES			12:55	46.11			0.01
GEL09	CE	8.0	IAML			12:55	46.18	121	0.08	
GEL09	CN	8.0	IAML			12:55	46.34	54	0.06	
GEL07	CZ	8.1	IP		D	12:55	44.82			0.01
GEL07	CE	8.1	ES			12:55	46.08			-0.04
GEL07	CN	8.1	IAML			12:55	46.23	9	0.11	
GEL07	CE	8.1	IAML			12:55	46.27	14	0.08	
GEL03	CZ	9.4	IP		C	12:55	45.04			0.03
GEL03	CE	9.4	ES			12:55	46.47			0.01
GEL03	CN	9.4	IAML			12:55	46.60	52	0.08	
GEL03	CE	9.4	IAML			12:55	46.81	26	0.09	

February 1 2022 Time: 16:38 04.2 UTC Magnitude: 0.3 ML
Lat: 50.174 Lon: -5.244 Depth: 5.3 km
Grid Ref: 168.40 kmE 35.55 kmN RMS: 0.00 secs
Locality: CARNMENELLIS,CORNWALL
Velocity model: Cornwall Xnear: 200.0 Xfar: 1000.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
CCA1	HZ	1.8	IP		C	16:38	05.17			-0.03
CCA1	HN	1.8	ES			16:38	05.99			0.02
CCA1	HE	1.8	IAML			16:38	06.07	44	0.06	
CCA1	HN	1.8	IAML			16:38	06.07	28	0.05	
GEL02	CZ	7.0	IP		C	16:38	05.72			0.00
GEL02	CN	7.0	ES			16:38	06.89			-0.01
GEL02	CN	7.0	IAML			16:38	06.96	81	0.08	
GEL02	CE	7.0	IAML			16:38	06.97	82	0.06	
GEL09	CZ	8.1	IP		C	16:38	05.88			-0.01
GEL09	CE	8.1	ES			16:38	07.19			0.00
GEL09	CE	8.1	IAML			16:38	07.25	90	0.06	
GEL09	CN	8.1	IAML			16:38	07.44	40	0.05	
GEL07	CZ	8.3	IP		D	16:38	05.91			0.00
GEL07	CN	8.3	ES			16:38	07.24			0.01
GEL07	CN	8.3	IAML			16:38	07.30	6	0.10	
GEL07	CE	8.3	IAML			16:38	07.35	13	0.10	
GEL03	CZ	9.6	IP		C	16:38	06.13			0.03
GEL03	CE	9.6	ES			16:38	07.56			-0.02
GEL03	CN	9.6	IAML			16:38	07.69	54	0.12	
GEL03	CE	9.6	IAML			16:38	07.89	22	0.10	

February 1 2022 Time: 19:23 14.8 UTC Magnitude: 1.8 ML
Lat: 56.176 Lon: -4.794 Depth: 11.4 km
Grid Ref: 226.58 kmE 701.66 kmN RMS: 0.30 secs
Locality: ARDGARTAN,ARGYLL/BUTE
Velocity model: Lownet Xnear: 10.0 Xfar: 50.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LAWE	HZ	38.7	IP		C	19:23	22.07			0.38
LAWE	HN	38.7	ES			19:23	26.56			-0.17
LAWE	HN	38.7	IAML			19:23	27.14	34	0.11	
LAWE	HE	38.7	IAML			19:23	27.84	46	0.10	
PGB1	HZ	45.0	EP			19:23	22.95			0.28
PGB1	HN	45.0	ES			19:23	28.08			-0.35
PGB1	HN	45.0	IAML			19:23	28.38	122	0.26	
PGB1	HE	45.0	IAML			19:23	28.76	112	0.30	
INVG	HZ	54.2	IP		C	19:23	24.40			0.28
INVG	HN	54.2	ES			19:23	30.55			-0.38
INVG	HE	54.2	IAML			19:23	31.43	66	0.12	
INVG	HN	54.2	IAML			19:23	31.57	54	0.08	
NEWG	HZ	123.0	EP			19:23	34.97			0.46
NEWG	HE	123.0	IAML			19:23	50.70	27	0.30	
NEWG	HN	123.0	IAML			19:23	50.79	15	0.10	
ESK	HZ	138.0	EP			19:23	36.95			0.25
ESK	HE	138.0	IAML			19:23	55.00	17	0.14	
ESK	HN	138.0	IAML			19:23	55.28	13	0.11	
KPL	HN	140.0	IAML			19:23	56.43	9	0.18	
KPL	HE	140.0	IAML			19:23	56.57	13	0.20	
GAL1	HZ	146.0	EP			19:23	37.76			0.00
GAL1	HN	146.0	ES			19:23	54.46			-0.07
GAL1	HE	146.0	IAML			19:23	55.21	17	0.24	
GAL1	HN	146.0	IAML			19:23	57.21	7	0.16	
CLGH	HZ	147.0	EP			19:23	37.42			-0.56
CLGH	HE	147.0	IAML			19:23	57.12	30	0.20	
CLGH	HN	147.0	IAML			19:23	57.56	23	0.24	
MCD	HZ	183.0	EP			19:23	42.51			-0.13
MCD	HN	183.0	IAML			19:24	08.85	18	0.18	
MCD	HE	183.0	IAML			19:24	08.90	21	0.58	

February 1 2022 Time: 19:49 56.7 UTC Magnitude: 0.2 ML

TABLE 2 : PHASE DATA

Lat: 50.174 Lon: -5.246 Depth: 5.1 km
Grid Ref: 168.25 kmE 35.55 kmN RMS: 0.00 secs
Locality: CARNMENELLIS,CORNWALL
Velocity model: Cornwall Xnear: 200.0 Xfar: 500.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
CCA1	HZ	1.9	EP			19:49	57.64			-0.01
CCA1	HN	1.9	ES			19:49	58.42			0.01
CCA1	HE	1.9	IAML			19:49	58.54	24	0.06	
CCA1	HN	1.9	IAML			19:49	58.54	15	0.04	
GEL02	CZ	7.1	EP			19:49	58.18			-0.01
GEL02	CN	7.1	ES			19:49	59.36			-0.01
GEL02	CN	7.1	IAML			19:49	59.43	36	0.08	
GEL02	CE	7.1	IAML			19:49	59.44	36	0.07	
GEL09	CZ	8.2	IP		C	19:49	58.35			-0.00
GEL09	CE	8.2	ES			19:49	59.65			-0.01
GEL09	CE	8.2	IAML			19:49	59.72	37	0.07	
GEL09	CN	8.2	IAML			19:49	59.85	16	0.05	
GEL07	CZ	8.4	IP		D	19:49	58.38			0.00
GEL07	CE	8.4	ES			19:49	59.72			0.02
GEL07	CE	8.4	IAML			19:49	59.82	5	0.09	
GEL07	CN	8.4	IAML			19:49	59.82	3	0.11	
GEL03	CZ	9.7	IP		C	19:49	58.60			0.02
GEL03	CE	9.7	ES			19:50	00.05			-0.00
GEL03	CN	9.7	IAML			19:50	00.15	21	0.08	
GEL03	CE	9.7	IAML			19:50	00.41	11	0.06	

February 2 2022 Time: 14:01 38.7 UTC Magnitude: 1.6 ML
Lat: 55.861 Lon: -5.424 Depth: 7.2 km
Grid Ref: 185.75 kmE 668.39 kmN RMS: 0.20 secs
Locality: TARBERT,ARGYLL & BUTE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: FELT TARBERT Intensity: 2

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LAWE	HZ	44.4	EP			14:01	46.28			-0.16
LAWE	HN	44.4	ES			14:01	52.22			0.10
LAWE	HN	44.4	IAML			14:01	53.88	11	0.18	
LAWE	HE	44.4	IAML			14:01	55.56	12	0.24	
PGB1	HZ	59.2	EP			14:01	48.83			0.09
PGB1	HN	59.2	ES			14:01	55.92			-0.17
PGB1	HE	59.2	IAML			14:02	02.45	39	0.24	
PGB1	HN	59.2	IAML			14:02	02.46	36	0.20	
CLGH	HZ	96.9	EP			14:01	54.49			-0.11
CLGH	HN	96.9	IAML			14:02	08.54	26	0.18	
CLGH	HE	96.9	IAML			14:02	08.87	31	0.22	
INVG	HZ	106.0	EP			14:01	56.10			0.02
INVG	HN	106.0	IAML			14:02	12.04	18	0.42	
INVG	HE	106.0	IAML			14:02	12.06	16	0.38	
NEWG	HZ	112.0	EP			14:01	56.86			-0.07
NEWG	HE	112.0	IAML			14:02	13.57	29	0.26	
NEWG	HN	112.0	IAML			14:02	13.68	28	0.26	
GAL1	HZ	120.0	EP			14:01	58.30			0.21
GAL1	HE	120.0	IAML			14:02	13.74	19	0.30	
GAL1	HN	120.0	IAML			14:02	15.81	10	0.58	
ESK	HZ	152.0	EP			14:02	03.53			0.66
ESK	HE	152.0	IAML			14:02	22.89	11	0.32	
ESK	HN	152.0	IAML			14:02	23.96	16	0.26	

February 2 2022 Time: 18:25 24.9 UTC Magnitude: 1.1 ML
Lat: 52.751 Lon: -2.313 Depth: 7.6 km
Grid Ref: 378.88 kmE 317.13 kmN RMS: 0.30 secs
Locality: OUTWOODS,STAFFORDSHIRE
Velocity model: Lownet Xnear: 5.0 Xfar: 1000.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
STNC	HZ	38.5	EP			18:25	32.00			0.20
STNC	HE	38.5	ES			18:25	36.83			0.02
STNC	HN	38.5	IAML			18:25	37.30	38	0.22	
STNC	HE	38.5	IAML			18:25	37.37	102	0.15	
HLM1	HZ	46.3	IP			18:25	32.97			-0.08
HLM1	HE	46.3	ES			18:25	38.81			-0.15
HLM1	HN	46.3	IAML			18:25	39.61	7	0.10	
HLM1	HE	46.3	IAML			18:25	39.90	8	0.17	
FOEL	HZ	61.7	EP			18:25	35.60			0.16
FOEL	HN	61.7	ES			18:25	42.49			-0.60
FOEL	HN	61.7	IAML			18:25	43.24	8	0.37	
FOEL	HE	61.7	IAML			18:25	43.87	6	0.22	
CWF	HE	67.9	ES			18:25	43.98			-0.70
CWF	HN	67.9	IAML			18:25	44.66	10	0.14	
CWF	HE	67.9	IAML			18:25	44.85	4	0.12	
LBWR	HZ	82.4	EP			18:25	39.01			0.38
LBWR	HE	82.4	ES			18:25	48.75			0.13
LBWR	HE	82.4	IAML			18:25	51.13	5	0.14	
LBWR	HN	82.4	IAML			18:25	53.30	6	0.09	
MCH1	HZ	96.0	IP		D	18:25	40.90			0.19
MCH1	HN	96.0	ES			18:25	52.05			-0.16
MCH1	HE	96.0	IAML			18:25	52.57	10	0.17	
MCH1	HN	96.0	IAML			18:25	52.91	9	0.13	
MONM	HZ	107.0	EP			18:25	42.70			0.32
MONM	HN	107.0	ES			18:25	55.47			0.37
MONM	HN	107.0	IAML			18:25	59.07	6	0.20	
MONM	HE	107.0	IAML			18:25	59.92	6	0.23	
STRD	HN	109.0	IAML			18:25	57.54	12	0.14	
STRD	HE	109.0	IAML			18:25	58.69	8	0.17	
RSBS	HZ	188.0	EP	4		18:25	54.97			1.16
RSBS	HE	188.0	IAML			18:26	18.24	3	0.10	
RSBS	HN	188.0	IAML			18:26	18.31	3	0.22	

February 3 2022 Time: 06:44 35.9 UTC Magnitude: 0.3 ML
Lat: 54.638 Lon: -3.666 Depth: 6.9 km
Grid Ref: 292.49 kmE 528.27 kmN RMS: 0.40 secs
Locality: IRISH SEA
Velocity model: Lownet Xnear: 500.0 Xfar: 1000.0
Comment: 6KM WEST WORKINGTON

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KESW	HZ	36.7	EP			06:44	42.63			0.13
KESW	HE	36.7	ES			06:44	46.92			-0.41
KESW	HE	36.7	IAML			06:44	47.28	2	0.19	
KESW	HN	36.7	IAML			06:44	47.31	3	0.13	
AQ12	HZ	63.3	EP			06:44	46.54			-0.10
AQ12	HN	63.3	ES			06:44	53.96			-0.54
AQ12	HN	63.3	IAML			06:44	54.67	3	0.10	
AQ12	HE	63.3	IAML			06:44	57.13	3	0.08	
NEWG	HE	64.5	ES			06:44	54.43			-0.31
NEWG	HE	64.5	IAML			06:44	54.68	1	0.11	
NEWG	HN	64.5	IAML			06:44	55.79	1	0.12	
GAL1	HN	71.9	ES			06:44	55.84			-0.89
GAL1	HN	71.9	IAML			06:44	56.83	2	0.26	
GAL1	HE	71.9	IAML			06:44	59.15	1	0.08	
IOMK	HZ	71.9	EP			06:44	48.13			0.19
IOMK	HN	71.9	ES			06:44	57.16			0.42
IOMK	HN	71.9	IAML			06:44	57.82	0	0.12	
IOMK	HE	71.9	IAML			06:44	59.05	0	0.08	
ESK	HZ	81.1	EP			06:44	49.89			0.51
ESK	HN	81.1	ES			06:44	59.55			0.31
ESK	HN	81.1	IAML			06:45	00.98	3	0.16	
ESK	HE	81.1	IAML			06:45	01.16	3	0.19	
EDMD	HZ	112.0	EP			06:44	54.74			0.64
EDMD	HN	112.0	ES			06:45	07.45			0.05
EDMD	HN	112.0	IAML			06:45	07.69	4	0.21	
EDMD	HE	112.0	IAML			06:45	08.47	3	0.24	

February 4 2022 Time: 01:28 35.1 UTC Magnitude: 0.6 ML
Lat: 54.643 Lon: -3.687 Depth: 7.9 km
Grid Ref: 291.14 kmE 528.86 kmN RMS: 0.30 secs
Locality: IRISH SEA
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 7KM WEST WORKINGTON

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KESW	HZ	38.1	EP			01:28	41.59			-0.30
NEWG	HZ	63.2	EP			01:28	45.96			0.20
NEWG	HN	63.2	ES			01:28	53.53			-0.02
NEWG	HE	63.2	IAML			01:28	56.49	1	0.11	
NEWG	HN	63.2	IAML			01:28	57.00	2	0.12	
GAL1	HZ	70.5	EP			01:28	47.01			0.14
GAL1	HN	70.5	ES			01:28	55.07			-0.41
GAL1	HE	70.5	IAML			01:28	55.94	2	0.21	
GAL1	HN	70.5	IAML			01:28	56.10	4	0.16	
IOMK	HZ	71.2	EP			01:28	47.24			0.24
IOMK	HN	71.2	IAML			01:28	56.69	1	0.14	
IOMK	HE	71.2	IAML			01:28	57.42	1	0.17	
ESK	HZ	81.0	EP			01:28	48.38			-0.16
ESK	HE	81.0	ES			01:28	58.60			0.24
ESK	HN	81.0	IAML			01:29	00.18	7	0.24	
ESK	HE	81.0	IAML			01:29	00.26	7	0.18	
EDMD	HZ	113.0	EP			01:28	53.81			0.36
EDMD	HN	113.0	ES			01:29	06.61			-0.25
EDMD	HN	113.0	IAML			01:29	06.81	7	0.18	
EDMD	HE	113.0	IAML			01:29	07.19	5	0.35	

February 4 2022 Time: 22:33 30.0 UTC Magnitude: 1.4 ML
Lat: 49.082 Lon: -1.699 Depth: 11.0 km
Grid Ref: 421.98 kmE -90.84 kmN RMS: 0.10 secs
Locality: JERSEY,CHANNEL ISLANDS
Velocity model: Lownet Xnear: 500.0 Xfar: 1000.0
Comment: 25KM ESE JERSEY

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
JDC	EZ	28.3	IP		D	22:33	35.39			0.10
JDC	EE	28.3	ES			22:33	39.24			0.09
JDC	EN	28.3	IAML			22:33	40.23	192	0.17	
JDC	EE	28.3	IAML			22:33	39.48	172	0.18	
JDG	EZ	28.3	IP		D	22:33	35.37			0.09
JDG	EN	28.3	ES			22:33	39.04			-0.10
JDG	EE	28.3	IAML			22:33	39.24	23	0.13	
JDG	EN	28.3	IAML			22:33	39.48	32	0.21	
JSA	HZ	36.4	IP		D	22:33	36.57			0.04
JSA	HN	36.4	ES			22:33	41.18			-0.12
JSA	HN	36.4	IAML			22:33	41.50	26	0.09	
JSA	HE	36.4	IAML			22:33	41.60	25	0.10	
SROF	HZ	43.3	EP			22:33	37.48			-0.12
LOUF	HZ	54.3	EP			22:33	39.41			0.11
PLEF	HZ	80.3	EP			22:33	43.24			-0.07
DYA	HN	220.0	IAML			22:34	34.56	6	0.17	
DYA	HE	220.0	IAML			22:34	35.71	4	0.15	

February 5 2022 Time: 00:30 25.0 UTC Magnitude: 1.2 ML
Lat: 50.886 Lon: -5.014 Depth: 31.2 km
Grid Ref: 188.03 kmE 114.00 kmN RMS: 0.40 secs
Locality: CELTIC SEA
Velocity model: Lownet Xnear: 500.0 Xfar: 1000.0

TABLE 2 : PHASE DATA

Comment: 30KM WNW BUDE

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
HTL	HZ	39.1	EP			00:30	33.33			0.42
HTL	HE	39.1	ES			00:30	38.35			-0.35
HTL	HE	39.1	IAML			00:30	39.09	9	0.22	
HTL	HN	39.1	IAML			00:30	39.40	9	0.16	
GEL09	CZ	73.0	EP			00:30	37.78			0.43
GEL09	CN	73.0	ES			00:30	46.09			-0.30
GEL09	CE	73.0	IAML			00:30	46.55	16	0.16	
GEL09	CN	73.0	IAML			00:30	46.63	30	0.06	
GEL03	CZ	73.5	EP			00:30	37.84			0.42
GEL03	CN	73.5	ES			00:30	46.32			-0.19
GEL03	CN	73.5	IAML			00:30	46.68	39	0.27	
GEL03	CE	73.5	IAML			00:30	47.22	26	0.07	
GEL07	CZ	73.9	EP			00:30	37.89			0.41
GEL07	CN	73.9	ES			00:30	46.31			-0.29
GEL07	CE	73.9	IAML			00:30	46.99	9	0.22	
GEL07	CN	73.9	IAML			00:30	47.14	9	0.32	
GEL02	CE	76.7	ES			00:30	46.92			-0.35
GEL02	CE	76.7	IAML			00:30	47.53	21	0.08	
GEL02	CN	76.7	IAML			00:30	47.68	28	0.14	
CCA1	HZ	79.3	EP			00:30	38.64			0.40
CCA1	HN	79.3	ES			00:30	47.56			-0.37
CCA1	HE	79.3	IAML			00:30	48.02	18	0.18	
CCA1	HN	79.3	IAML			00:30	48.44	5	0.08	
DYA	HZ	91.5	EP			00:30	40.35			0.44
DYA	HE	91.5	ES			00:30	50.65			-0.16
DYA	HE	91.5	IAML			00:30	50.99	2	0.20	
DYA	HN	91.5	IAML			00:30	52.12	2	0.13	
RSBS	HN	120.0	ES			00:30	56.47			-0.51
RSBS	HN	120.0	IAML			00:30	59.28	2	0.08	
RSBS	HE	120.0	IAML			00:30	59.45	2	0.08	

February 6 2022 Time: 00:48 23.3 UTC Magnitude: 0.8 ML
Lat: 56.983 Lon: -5.952 Depth: 7.5 km
Grid Ref: 159.92 kmE 794.91 kmN RMS: 0.60 secs
Locality: MALLAIG,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 7KM OFFSHORE MALLAIG

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	43.6	EP			00:48	30.70			-0.22
KPL	HE	43.6	ES			00:48	36.03			-0.43
LAWE	HE	87.4	ES			00:48	47.76			-0.51
LAWE	HN	87.4	IAML			00:48	48.09	3	0.09	
LAWE	HE	87.4	IAML			00:48	48.40	5	0.21	
INVG	HZ	132.0	EP			00:48	45.24			0.62
INVG	HN	132.0	ES			00:49	00.42			0.26
INVG	HN	132.0	IAML			00:49	02.95	2	0.09	
INVG	HE	132.0	IAML			00:49	03.53	1	0.10	
EAB	HZ	133.0	EP			00:48	45.61			0.90
EAB	HE	133.0	IAML			00:49	02.19	3	0.11	
EAB	HN	133.0	IAML			00:49	02.21	3	0.17	
LINV	HZ	137.0	EP			00:48	46.20			0.92

February 11 2022 Time: 22:24 27.9 UTC Magnitude: 0.8 ML
Lat: 51.813 Lon: -2.332 Depth: 12.9 km
Grid Ref: 377.12 kmE 212.81 kmN RMS: 0.20 secs
Locality: QUEDGELEY,GLOS
Velocity model: Lownet Xnear: 500.0 Xfar: 1000.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
STRD	HZ	12.4	IP		C	22:24	30.83			-0.26
STRD	HE	12.4	ES			22:24	33.55			0.11
STRD	HE	12.4	IAML			22:24	33.74	17	0.24	
STRD	HN	12.4	IAML			22:24	35.46	12	0.10	
OLDB	HZ	22.7	EP			22:24	32.02			-0.39
OLDB	HN	22.7	ES			22:24	35.63			-0.09
OLDB	HN	22.7	IAML			22:24	36.00	72	0.22	
OLDB	HE	22.7	IAML			22:24	36.55	36	0.37	
MONM	HZ	32.7	IP		D	22:24	33.94			0.03
MONM	HN	32.7	ES			22:24	38.73			0.41
MONM	HN	32.7	IAML			22:24	38.84	25	0.12	
MONM	HE	32.7	IAML			22:24	38.84	21	0.12	
SWN1	HZ	49.7	EP			22:24	36.39			-0.12
SWN1	HE	49.7	ES			22:24	43.18			0.37
MCH1	HZ	50.2	EP			22:24	36.46			-0.14
MCH1	HN	50.2	ES			22:24	43.07			0.10
MCH1	HN	50.2	IAML			22:24	43.38	6	0.14	
MCH1	HE	50.2	IAML			22:24	43.40	6	0.23	
HLM1	HZ	87.0	EP			22:24	42.42			0.11
HLM1	HE	87.0	ES			22:24	52.71			-0.15
HLM1	HN	87.0	IAML			22:24	52.90	5	0.30	
HLM1	HE	87.0	IAML			22:24	53.10	5	0.26	
CWF	HZ	125.0	EP			22:24	47.72			0.01
CWF	HN	125.0	IAML			22:25	03.57	2	0.06	
CWF	HE	125.0	IAML			22:25	03.63	2	0.09	

February 13 2022 Time: 21:27 58.2 UTC Magnitude: 0.6 ML
Lat: 52.787 Lon: -2.800 Depth: 9.6 km
Grid Ref: 346.05 kmE 321.38 kmN RMS: 0.20 secs
Locality: BOMERE HEATH,SALOP
Velocity model: Lownet Xnear: 500.0 Xfar: 1000.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
FOEL	HZ	29.3	EP			21:28	03.75			0.07
FOEL	HN	29.3	ES			21:28	07.70			0.01
FOEL	HN	29.3	IAML			21:28	08.02	7	0.35	
FOEL	HE	29.3	IAML			21:28	08.43	10	0.27	
HLM1	HZ	30.4	EP			21:28	03.60			-0.25
HLM1	HN	30.4	ES			21:28	07.64			-0.34
HLM1	HN	30.4	IAML			21:28	07.72	10	0.10	
HLM1	HE	30.4	IAML			21:28	08.08	7	0.14	
MCH1	HZ	88.9	EP			21:28	13.27			0.40
MCH1	HN	88.9	ES			21:28	23.80			0.22
MCH1	HN	88.9	IAML			21:28	25.86	2	0.15	
MCH1	HE	88.9	IAML			21:28	28.70	2	0.31	
CWF	HZ	101.0	EP			21:28	14.63			-0.09
CWF	HN	101.0	IAML			21:28	27.64	2	0.24	
CWF	HE	101.0	IAML			21:28	28.92	2	0.08	
WLF1	HZ	121.0	EP			21:28	17.89			0.20
WLF1	HN	121.0	ES			21:28	31.70			-0.22

February 16 2022 Time: 07:51 42.7 UTC Magnitude: 0.8 ML
Lat: 57.538 Lon: -5.636 Depth: 5.2 km
Grid Ref: 182.40 kmE 855.57 kmN RMS: 0.20 secs
Locality: SHIELDAIG,HIGHLAND
Velocity model: Lownet Xnear: 500.0 Xfar: 1000.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	22.1	EP			07:51	47.11			0.17
KPL	HE	22.1	ES			07:51	49.77			-0.27
KPL	HE	22.1	IAML			07:51	50.03	29	0.10	
KPL	HN	22.1	IAML			07:51	50.08	16	0.12	
LINV	HZ	72.7	EP			07:51	55.05			0.06
LINV	HN	72.7	ES			07:52	03.77			-0.19
LINV	HN	72.7	IAML			07:52	07.59	2	0.24	
LINV	HE	72.7	IAML			07:52	08.00	3	0.08	
LAWE	HZ	143.0	EP			07:52	05.94			0.23
LAWE	HE	143.0	ES			07:52	22.37			-0.14
LAWE	HN	143.0	IAML			07:52	24.71	4	0.26	
LAWE	HE	143.0	IAML			07:52	24.88	4	0.20	
INVG	HZ	157.0	EP			07:52	07.88			0.14
INVG	HE	157.0	IAML			07:52	26.30	2	0.25	
INVG	HN	157.0	IAML			07:52	26.57	1	0.11	

February 18 2022 Time: 02:40 22.8 UTC Magnitude: 0.6 ML
Lat: 55.537 Lon: -5.032 Depth: 7.9 km
Grid Ref: 208.70 kmE 631.21 kmN RMS: 0.20 secs
Locality: ARRAN,NORTH AYRSHIRE
Velocity model: Lownet Xnear: 500.0 Xfar: 1000.0
Comment: 3KM OFFSHORE ARRAN

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
PGB1	HZ	46.1	EP			02:40	30.96			0.18
PGB1	HN	46.1	ES			02:40	36.49			-0.15
PGB1	HN	46.1	IAML			02:40	36.88	7	0.14	
PGB1	HE	46.1	IAML			02:40	37.54	8	0.30	
NEWG	HN	69.1	ES			02:40	42.55			-0.24
NEWG	HE	69.1	IAML			02:40	45.98	5	0.30	
NEWG	HN	69.1	IAML			02:40	46.08	3	0.20	
GAL1	HE	77.4	ES			02:40	44.95			-0.06
LAWE	HN	83.7	ES			02:40	46.71			0.00
LAWE	HN	83.7	IAML			02:40	46.90	1	0.16	
LAWE	HE	83.7	IAML			02:40	47.62	2	0.39	
EAB	HZ	84.6	EP			02:40	36.97			0.20
EAB	HN	84.6	ES			02:40	46.73			-0.26
EAB	HN	84.6	IAML			02:40	47.76	2	0.06	
EAB	HE	84.6	IAML			02:40	47.79	2	0.13	
CLGH	HE	85.1	ES			02:40	47.04			-0.09
CLGH	HE	85.1	IAML			02:40	49.94	3	0.18	
CLGH	HN	85.1	IAML			02:40	50.04	2	0.20	
INVG	HN	117.0	ES			02:40	55.55			-0.07
ESK	HZ	118.0	EP			02:40	42.47			0.49

February 18 2022 Time: 02:52 35.2 UTC Magnitude: 1.1 ML
Lat: 55.538 Lon: -5.020 Depth: 8.0 km
Grid Ref: 209.46 kmE 631.28 kmN RMS: 0.30 secs
Locality: ARRAN,NORTH AYRSHIRE
Velocity model: Lownet Xnear: 500.0 Xfar: 1000.0
Comment: 3KM OFFSHORE ARRAN

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
PGB1	HZ	45.4	EP			02:52	43.25			0.11
PGB1	HE	45.4	ES			02:52	48.78			-0.15
PGB1	HN	45.4	IAML			02:52	49.20	38	0.16	
PGB1	HE	45.4	IAML			02:52	49.28	24	0.10	
NEWG	HZ	68.6	EP			02:52	46.90			0.18
NEWG	HN	68.6	ES			02:52	54.88			-0.24
NEWG	HN	68.6	IAML			02:52	58.24	16	0.18	
NEWG	HE	68.6	IAML			02:52	58.32	22	0.18	
GAL1	HZ	77.3	EP			02:52	48.27			0.21
GAL1	HE	77.3	ES			02:52	57.01			-0.43
GAL1	HE	77.3	IAML			02:52	57.56	6	0.19	
GAL1	HN	77.3	IAML			02:53	00.62	5	0.18	
LAWE	HZ	83.8	EP			02:52	49.26			0.18
LAWE	HE	83.8	ES			02:52	58.86			-0.34
LAWE	HE	83.8	IAML			02:52	59.15	5	0.15	
LAWE	HN	83.8	IAML			02:52	59.57	3	0.16	
EAB	HZ	84.1	EP			02:52	49.24			0.09
EAB	HN	84.1	ES			02:52	59.06			-0.27
EAB	HN	84.1	IAML			02:53	00.05	10	0.10	
EAB	HE	84.1	IAML			02:53	00.05	8	0.14	
CLGH	HZ	85.8	EP			02:52	49.74			0.33

TABLE 2 : PHASE DATA

CLGH	HN	85.8	ES		02:52	59.53			-0.24
CLGH	HE	85.8	IAML		02:53	02.17	14	0.20	
CLGH	HN	85.8	IAML		02:53	02.18	10	0.22	
INVG	HZ	116.0	EP		02:52	54.37			0.23
INVG	HE	116.0	IAML		02:53	09.53	2	0.11	
INVG	HN	116.0	IAML		02:53	11.45	2	0.34	
ESK	HZ	117.0	EP		02:52	54.66			0.34
ESK	HE	117.0	IAML		02:53	09.31	2	0.19	
ESK	HN	117.0	IAML		02:53	09.90	4	0.15	

February 18 2022 Time: 04:29 11.8 UTC Magnitude: 0.6 ML
Lat: 55.537 Lon: -5.018 Depth: 7.8 km
Grid Ref: 209.58 kmE 631.17 kmN RMS: 0.30 secs
Locality: ARRAN,NORTH AYRSHIRE
Velocity model: Lownet Xnear: 500.0 Xfar: 1000.0
Comment: 3KM OFFSHORE ARRAN

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
PGB1	HZ	45.4	EP			04:29	19.87			0.19
PGB1	HN	45.4	ES			04:29	25.42			-0.05
PGB1	HN	45.4	IAML			04:29	25.72	13	0.14	
PGB1	HE	45.4	IAML			04:29	25.85	8	0.24	
NEWG	HN	68.4	ES			04:29	31.46			-0.16
NEWG	HN	68.4	IAML			04:29	34.79	6	0.18	
NEWG	HE	68.4	IAML			04:29	34.86	7	0.13	
GAL1	HE	77.2	ES			04:29	33.59			-0.36
GAL1	HE	77.2	IAML			04:29	34.47	4	0.50	
GAL1	HN	77.2	IAML			04:29	36.60	2	0.36	
LAWE	HE	84.0	ES			04:29	35.52			-0.26
LAWE	HE	84.0	IAML			04:29	36.04	2	0.32	
LAWE	HN	84.0	IAML			04:29	36.28	1	0.19	
EAB	HZ	84.1	EP			04:29	25.87			0.17
EAB	HN	84.1	ES			04:29	35.65			-0.23
EAB	HE	84.1	IAML			04:29	36.63	2	0.25	
EAB	HN	84.1	IAML			04:29	36.64	4	0.10	
CLGH	HZ	85.8	EP			04:29	26.37			0.41
CLGH	HN	85.8	ES			04:29	36.19			-0.13
CLGH	HN	85.8	IAML			04:29	38.94	3	0.17	
CLGH	HE	85.8	IAML			04:29	39.80	8	0.62	
INVG	HN	116.0	ES			04:29	44.47			-0.03
INVG	HE	116.0	IAML			04:29	46.84	1	0.14	
INVG	HN	116.0	IAML			04:29	47.06	1	0.33	
ESK	HZ	117.0	EP			04:29	31.30			0.45
ESK	HE	117.0	IAML			04:29	45.98	1	0.11	
ESK	HN	117.0	IAML			04:29	46.48	1	0.19	

February 18 2022 Time: 22:15 42.1 UTC Magnitude: 1.0 ML
Lat: 55.969 Lon: -6.402 Depth: 7.4 km
Grid Ref: 125.36 kmE 683.86 kmN RMS: 0.40 secs
Locality: COLONSAY,ARGYLL & BUTE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 8KM SW COLONSAY

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LAWE	HZ	70.3	EP			22:15	53.39			-0.43
LAWE	HN	70.3	ES			22:16	02.15			-0.26
LAWE	HN	70.3	IAML			22:16	06.29	6	0.14	
LAWE	HE	70.3	IAML			22:16	06.48	5	0.15	
CLGH	HZ	100.0	EP			22:15	58.58			0.08
CLGH	HE	100.0	ES			22:16	09.99			-0.52
CLGH	HN	100.0	IAML			22:16	12.83	6	0.14	
CLGH	HE	100.0	IAML			22:16	13.09	6	0.14	
PGB1	HZ	121.0	EP			22:16	02.51			0.77
PGB1	HN	121.0	ES			22:16	16.57			0.46
PGB1	HN	121.0	IAML			22:16	19.47	9	0.20	
PGB1	HE	121.0	IAML			22:16	19.59	9	0.33	
IDGL	HN	122.0	ES			22:16	16.63			0.32
IDGL	HN	122.0	IAML			22:16	18.36	5	0.40	
IDGL	HE	122.0	IAML			22:16	19.37	2	0.09	
EAB	HZ	131.0	EP			22:16	03.38			0.24
EAB	HN	131.0	ES			22:16	18.78			0.25
EAB	HN	131.0	IAML			22:16	19.28	2	0.16	
EAB	HE	131.0	IAML			22:16	23.31	3	0.30	
INVG	HZ	155.0	EP			22:16	06.73			0.14
INVG	HE	155.0	ES			22:16	24.03			-0.47
INVG	HN	155.0	IAML			22:16	24.53	1	0.11	
INVG	HE	155.0	IAML			22:16	24.97	1	0.13	

February 19 2022 Time: 06:31 49.5 UTC Magnitude: 1.3 ML
Lat: 55.544 Lon: -5.024 Depth: 8.1 km
Grid Ref: 209.24 kmE 631.96 kmN RMS: 0.40 secs
Locality: ARRAN,NORTH AYRSHIRE
Velocity model: Lownet Xnear: 500.0 Xfar: 1000.0
Comment: 3KM OFFSHORE ARRAN

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
PGB1	HZ	45.2	EP			06:31	57.50			0.16
PGB1	HN	45.2	ES			06:32	03.03			-0.07
PGB1	HN	45.2	IAML			06:32	03.46	50	0.14	
PGB1	HE	45.2	IAML			06:32	03.58	35	0.11	
GGERF	CN	60.3	ES			06:32	06.60			-0.48
GGERF	CN	60.3	IAML			06:32	06.75	18	0.18	
GGERF	CE	60.3	IAML			06:32	07.14	15	0.12	
NEWG	HZ	69.2	EP			06:32	01.27			0.21
NEWG	HN	69.2	ES			06:32	09.12			-0.40
NEWG	HN	69.2	IAML			06:32	12.58	25	0.18	
NEWG	HE	69.2	IAML			06:32	12.65	32	0.15	
GAL1	HZ	78.0	EP			06:32	02.95			0.54
GAL1	HE	78.0	ES			06:32	11.23			-0.64
GAL1	HE	78.0	IAML			06:32	14.65	8	0.22	
GAL1	HN	78.0	IAML			06:32	14.90	8	0.13	
LAWE	HZ	83.1	EP			06:32	03.53			0.32
LAWE	HN	83.1	ES			06:32	12.64			-0.61
LAWE	HE	83.1	IAML			06:32	13.55	8	0.25	
LAWE	HN	83.1	IAML			06:32	13.84	6	0.18	
EAB	HZ	83.7	EP			06:32	03.37			0.05
EAB	HE	83.7	ES			06:32	13.12			-0.33
EAB	HN	83.7	IAML			06:32	14.35	15	0.09	
EAB	HE	83.7	IAML			06:32	14.38	12	0.14	
CLGH	HZ	86.0	EP			06:32	04.11			0.44
CLGH	HE	86.0	ES			06:32	13.64			-0.41
CLGH	HN	86.0	IAML			06:32	16.53	14	0.22	
CLGH	HE	86.0	IAML			06:32	16.54	18	0.21	
INVG	HZ	116.0	EP			06:32	08.71			0.40
INVG	HE	116.0	IAML			06:32	24.51	3	0.11	
INVG	HN	116.0	IAML			06:32	24.63	3	0.28	
ESK	HZ	118.0	EP			06:32	08.90			0.28
EDI	HZ	123.0	EP			06:32	09.88			0.54

February 19 2022 Time: 19:23 43.6 UTC Magnitude: 1.0 ML
Lat: 52.188 Lon: -3.037 Depth: 8.6 km
Grid Ref: 329.12 kmE 254.97 kmN RMS: 0.10 secs
Locality: KINGTON,HEREFORDSHIRE
Velocity model: Lownet Xnear: 500.0 Xfar: 1000.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
MCH1	HZ	21.4	EP			19:23	47.71			-0.06
MCH1	HE	21.4	ES			19:23	50.92			0.08
MCH1	HN	21.4	IAML			19:23	51.01	24	0.10	
MCH1	HE	21.4	IAML			19:23	51.10	44	0.08	
HLM1	HZ	38.3	EP			19:23	50.32			-0.11
HLM1	HE	38.3	ES			19:23	55.41			-0.03
HLM1	HN	38.3	IAML			19:23	56.24	12	0.10	
HLM1	HE	38.3	IAML			19:23	56.25	8	0.08	
MONM	HZ	42.0	IP		D	19:23	50.90			-0.05
MONM	HE	42.0	ES			19:23	56.35			0.02
MONM	HE	42.0	IAML			19:23	56.59	30	0.14	
MONM	HN	42.0	IAML			19:23	56.88	14	0.15	
STRD	HZ	75.6	EP			19:23	56.05			-0.12
STRD	HN	75.6	ES			19:24	05.43			0.06
STRD	HN	75.6	IAML			19:24	05.81	11	0.39	
STRD	HE	75.6	IAML			19:24	06.23	12	0.13	
FOEL	HZ	78.8	EP			19:23	56.97			0.25
FOEL	HN	78.8	ES			19:24	06.29			-0.04
FOEL	HN	78.8	IAML			19:24	06.46	5	0.17	
FOEL	HE	78.8	IAML			19:24	06.70	4	0.28	
RSBS	HZ	120.0	EP			19:24	03.00			-0.04
RSBS	HE	120.0	IAML			19:24	18.00	3	0.11	
RSBS	HN	120.0	IAML			19:24	19.12	4	0.06	
CWF	HZ	133.0	EP			19:24	04.88			0.05
CWF	HE	133.0	IAML			19:24	21.08	4	0.10	
CWF	HN	133.0	IAML			19:24	21.10	4	0.10	

February 21 2022 Time: 00:02 34.3 UTC Magnitude: 1.4 ML
Lat: 56.657 Lon: -5.780 Depth: 7.4 km
Grid Ref: 168.35 kmE 758.06 kmN RMS: 0.20 secs
Locality: MORVERN,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LAWE	HZ	50.0	EP			00:02	43.15			0.17
LAWE	HE	50.0	ES			00:02	48.99			-0.28
LAWE	HN	50.0	IAML			00:02	49.23	34	0.11	
LAWE	HE	50.0	IAML			00:02	49.28	34	0.13	
KPL	HZ	76.4	EP			00:02	46.98			-0.06
KPL	HN	76.4	IAML			00:02	59.02	13	0.28	
KPL	HE	76.4	IAML			00:02	59.30	26	0.16	
EAB	HZ	103.0	EP			00:02	51.38			0.14
EAB	HN	103.0	IAML			00:03	05.33	9	0.08	
EAB	HE	103.0	IAML			00:03	06.39	7	0.08	
INVG	HZ	110.0	EP			00:02	52.16			-0.11
INVG	HE	110.0	IAML			00:03	06.28	14	0.10	
INVG	HN	110.0	IAML			00:03	06.59	6	0.16	
PGB1	HN	124.0	ES			00:03	09.30			0.23
PGB1	HN	124.0	IAML			00:03	10.69	15	0.30	
PGB1	HE	124.0	IAML			00:03	10.70	12	0.27	

February 21 2022 Time: 00:43 51.0 UTC Magnitude: 2.4 ML
Lat: 55.263 Lon: 5.100 Depth: 21.2 km
Grid Ref: 850.75 kmE 619.54 kmN RMS: 0.40 secs
Locality: CENTRAL NORTH SEA
Velocity model: North Sea Xnear: 750.0 Xfar: 1500.0
Comment: 380KM ENE WHITBY

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
SNART	HZ	366.0	EP			00:44	39.74			-0.21
SNART	HN	366.0	ES			00:45	15.86			0.19
AU08	HZ	392.0	EP			00:44	44.03			0.79
WACR	HN	407.0	ES			00:45	24.62			0.13
WACR	HE	407.0	IAML			00:45	25.34	7	0.14	
WACR	HN	407.0	IAML			00:45	26.40	16	0.23	
KMY	HZ	439.0	EP			00:44	48.85			-0.17
CWF	HZ	505.0	EP			00:44	56.65			-0.59
CWF	HE	505.0	IAML			00:45	47.82	2	0.16	

TABLE 2 : PHASE DATA

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
CWF	HN	505.0	IAML			00:45	47.84	3	0.08	
DRUM	HZ	506.0	EP			00:44	57.76			0.35
DRUM	HN	506.0	ES			00:45	45.55			-0.32
DRUM	HN	506.0	IAML			00:45	49.68	6	0.16	
DRUM	HE	506.0	IAML			00:45	51.08	7	0.08	
ESK	HZ	527.0	EP			00:44	59.68			-0.33
ESK	HN	527.0	IAML			00:45	50.52	3	0.14	
ESK	HE	527.0	IAML			00:45	51.11	4	0.18	
KESW	HZ	531.0	EP			00:44	59.90			-0.57
INVG	HZ	587.0	EP			00:45	07.76			0.36
EAB	HZ	601.0	EP			00:45	09.57			0.36
EAB	HN	601.0	IAML			00:46	09.39	3	0.10	
EAB	HE	601.0	IAML			00:46	09.44	3	0.09	

February 21 2022 Time: 22:59 29.5 UTC Magnitude: 2.8 ML
Lat: 52.544 Lon: -1.936 Depth: 7.5 km
Grid Ref: 404.34 kmE 294.06 kmN RMS: 0.50 secs
Locality: WALSALL,WEST MIDLANDS
Velocity model: Lownet Xnear: 500.0 Xfar: 1000.0
Comment: FELT WALSALL... Intensity: 5

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
CWF	HZ	47.7	IP		C	22:59	37.62			-0.18
CWF	HN	47.7	ES			22:59	43.06			-0.78
CWF	HN	47.7	IAML			22:59	43.44	103	0.10	
CWF	HE	47.7	IAML			22:59	50.60	98	0.10	
CWF	HZ	47.7	AMPN			22:59	38.08	7348	0.03	
CWF	HR	47.7	AMSN			22:59	43.23	4689	0.06	
CWF	HZ	47.7	AMSN			22:59	43.26	4349	0.21	
CWF	HT	47.7	AMSN			22:59	43.53	6372	0.04	
STBN	CZ	56.8	IP		C	22:59	39.15			-0.03
STBN	CN	56.8	ES			22:59	45.43			-0.80
STNC	HZ	63.6	IP	9	D	22:59	39.96			-0.31
STNC	HE	63.6	ES			22:59	47.71			-0.09
STNC	HE	63.6	IAML			22:59	48.23	404	0.14	
STNC	HN	63.6	IAML			22:59	48.27	345	0.22	
HLM1	HZ	64.2	IP		C	22:59	40.20			-0.20
HLM1	HN	64.2	ES			22:59	47.75			-0.58
HLM1	HN	64.2	IAML			22:59	48.24	646	0.12	
HLM1	HE	64.2	IAML			22:59	48.25	799	0.14	
STRD	HZ	86.8	EP			22:59	44.26			0.39
STRD	HN	86.8	ES			22:59	54.65			0.32
STRD	HE	86.8	IAML			22:59	55.22	566	0.18	
STRD	HN	86.8	IAML			22:59	55.23	604	0.16	
FOEL	HZ	93.7	EP			22:59	45.11			0.13
FOEL	HN	93.7	ES			22:59	55.77			-0.48
FOEL	HE	93.7	IAML			22:59	57.33	147	0.22	
FOEL	HN	93.7	IAML			22:59	57.49	206	0.48	
MCH1	HZ	94.6	IP		C	22:59	44.85			-0.23
MCH1	HN	94.6	ES			22:59	55.71			-0.72
MCH1	HE	94.6	IAML			22:59	56.19	239	0.14	
MCH1	HN	94.6	IAML			22:59	56.23	168	0.19	
LBWR	HZ	96.5	EP			22:59	45.49			0.10
LBWR	HE	96.5	ES			22:59	56.99			0.01
LBWR	HE	96.5	IAML			22:59	57.81	348	0.16	
LBWR	HN	96.5	IAML			22:59	58.14	254	0.18	
MONM	HZ	98.3	IP		C	22:59	45.75			0.11
MONM	HN	98.3	ES			22:59	57.45			0.05
MONM	HE	98.3	IAML			22:59	59.09	336	0.16	
MONM	HN	98.3	IAML			22:59	59.23	254	0.27	
AR01	HZ	132.0	EP			22:59	50.94			0.20
AQ01	HZ	132.0	EP			22:59	51.30			0.64
AQ01	HN	132.0	IAML			23:00	09.88	457	0.46	
AQ01	HE	132.0	IAML			23:00	10.40	429	0.31	
AR01	HE	132.0	IAML			23:00	08.31	136	0.31	
AR01	HN	132.0	IAML			23:00	08.46	178	0.16	
AQ02	HZ	143.0	EP			22:59	52.82			0.54
AQ02	HE	143.0	IAML			23:00	11.23	408	0.46	
AQ02	HN	143.0	IAML			23:00	11.26	350	0.54	
LMK	HZ	148.0	EP			22:59	53.65			0.57
LMK	HE	148.0	IAML			23:00	14.95	446	0.46	
LMK	HN	148.0	IAML			23:00	17.35	404	0.30	
AQ07	HZ	152.0	EP			22:59	54.30			0.64
AQ07	HE	152.0	IAML			23:00	14.00	539	0.46	
AQ07	HN	152.0	IAML			23:00	15.17	495	0.18	
AQ06	HZ	157.0	EP			22:59	55.10			0.84
AQ06	HN	157.0	IAML			23:00	14.71	385	0.22	
AQ06	HE	157.0	IAML			23:00	15.14	282	0.24	
AR05	HZ	161.0	EP			22:59	54.89			-0.05
AR07	HZ	165.0	EP			22:59	55.68			0.15
WACR	HZ	175.0	EP			22:59	57.26			0.57
WACR	HN	175.0	IAML			23:00	19.56	186	0.22	
WACR	HE	175.0	IAML			23:00	18.64	144	0.22	
WACR	HZ	175.0	AMPN			22:59	58.08	1610	0.14	
WACR	HZ	175.0	AMSN			23:00	18.52	1531	0.21	
WACR	HN	175.0	AMSN			23:00	18.72	2050	0.15	
WACR	HT	175.0	AMSN			23:00	19.62	2744	0.31	
WLF1	HZ	185.0	EP			22:59	58.35			0.36
AS07	HZ	190.0	EP			22:59	58.45			-0.26
AP12	HZ	216.0	EP			23:00	01.56			-0.27
AP12	HE	216.0	IAML			23:00	29.95	30	0.22	
AP12	HN	216.0	IAML			23:00	30.57	17	0.16	
AQ12	HZ	218.0	EP			23:00	01.53			-0.58
AQ12	HE	218.0	IAML			23:00	29.34	41	0.26	
AQ12	HN	218.0	IAML			23:00	30.46	25	0.34	
KESW	HZ	240.0	EP			23:00	04.49			-0.46

February 23 2022 Time: 01:54 18.8 UTC Magnitude: 2.2 ML
Lat: 54.124 Lon: -1.804 Depth: 6.5 km
Grid Ref: 412.81 kmE 469.83 kmN RMS: 0.30 secs
Locality: RAMSGILL,N YORKSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AS07	HZ	16.8	IP		D	01:54	22.28			-0.04
AS07	HE	16.8	ES			01:54	24.80			-0.07
AS07	HE	16.8	IAML			01:54	25.01	508	0.07	
AS07	HN	16.8	IAML			01:54	25.06	646	0.09	
AR05	HZ	20.5	IP		C	01:54	22.85			-0.04
AR05	HE	20.5	ES			01:54	25.85			0.00
AR05	HE	20.5	IAML			01:54	26.11	556	0.11	
AR05	HN	20.5	IAML			01:54	26.27	565	0.24	
HPK	HZ	21.9	IP		D	01:54	22.85			-0.27
HPK	HE	21.9	ES			01:54	26.08			-0.17
HPK	HE	21.9	IAML			01:54	26.38	496	0.29	
HPK	HN	21.9	IAML			01:54	26.46	302	0.16	
AR09	HZ	43.1	IP		C	01:54	26.35			-0.18
AR09	HN	43.1	ES			01:54	31.70			-0.44
AR09	HN	43.1	IAML			01:54	32.00	927	0.09	
AR09	HE	43.1	IAML			01:54	32.55	708	0.17	
AR07	HZ	45.2	IP		C	01:54	26.70			-0.10
AR07	HE	45.2	IAML			01:54	34.44	126	0.12	
AR07	HN	45.2	IAML			01:54	36.11	202	0.14	
AS10	HZ	47.7	IP		D	01:54	27.21			0.04
AS10	HE	47.7	ES			01:54	33.30			0.04
AS10	HE	47.7	IAML			01:54	33.57	429	0.19	
AS10	HN	47.7	IAML			01:54	33.66	154	0.21	
AT10	HZ	49.2	IP		C	01:54	27.19			-0.25
AT10	HN	49.2	ES			01:54	33.26			-0.46
AT10	HN	49.2	IAML			01:54	33.82	234	0.27	
AT10	HE	49.2	IAML			01:54	34.10	181	0.14	
AU07	HZ	55.2	IP		C	01:54	28.43			0.10
AU07	HN	55.2	ES			01:54	35.31			0.05
AU07	HE	55.2	IAML			01:54	36.43	325	0.17	
AU07	HN	55.2	IAML			01:54	37.28	218	0.22	
AT12	HZ	55.5	IP		C	01:54	28.46			0.10
AT12	HE	55.5	ES			01:54	35.17			-0.14
AT12	HE	55.5	IAML			01:54	35.62	619	0.18	
AT12	HN	55.5	IAML			01:54	35.98	254	0.19	
AU11	HZ	57.5	IP		C	01:54	28.82			0.15
AU11	HN	57.5	IAML			01:54	36.26	98	0.25	
AU11	HE	57.5	IAML			01:54	36.44	81	0.08	
AR01	HZ	58.9	EP			01:54	29.07			0.14
AR01	HN	58.9	ES			01:54	36.28			-0.02
AR01	HN	58.9	IAML			01:54	36.80	157	0.19	
AR01	HE	58.9	IAML			01:54	37.81	118	0.13	
AQ12	HZ	70.9	EP			01:54	30.64			-0.18
AQ12	HN	70.9	IAML			01:54	42.70	121	0.06	
AQ12	HE	70.9	IAML			01:54	42.75	145	0.09	
AQ10	HZ	71.0	EP			01:54	30.87			0.11
AQ10	HE	71.0	IAML			01:54	42.75	107	0.17	
AQ10	HN	71.0	IAML			01:54	42.85	141	0.19	
GDLE	HZ	72.4	EP			01:54	31.11			0.10
GDLE	HE	72.4	IAML			01:54	43.01	366	0.23	
GDLE	HN	72.4	IAML			01:54	43.13	356	0.19	
AU18	HZ	72.7	IP		C	01:54	31.31			0.27
AU18	HN	72.7	IAML			01:54	42.98	87	0.18	
AU18	HE	72.7	IAML			01:54	42.99	51	0.16	
AU08	HZ	74.7	EP			01:54	31.62			0.26
AU08	HE	74.7	IAML			01:54	44.57	57	0.16	
AU08	HN	74.7	IAML			01:54	44.99	51	0.43	
AQ06	HZ	79.9	EP			01:54	32.70			0.55
LBWR	HZ	80.6	EP			01:54	32.35			0.04
LBWR	HE	80.6	ES			01:54	41.80			-0.35
LBWR	HE	80.6	IAML			01:54	45.09	192	0.10	
LBWR	HN	80.6	IAML			01:54	45.21	137	0.13	
AP12	HZ	97.7	EP			01:54	35.12			0.19
AP12	HN	97.7	IAML			01:54	47.14	73	0.15	
AP12	HE	97.7	IAML			01:54	48.40	70	0.19	
KESW	HZ	99.1	EP			01:54	35.65			0.48
KESW	HN	99.1	IAML			01:54	47.82	73	0.26	
KESW	HE	99.1	IAML			01:54	47.96	57	0.23	
LMK	HZ	122.0	EP			01:54	39.26			0.50
LMK	HN	122.0	IAML			01:54	55.95	106	0.37	
LMK	HE	122.0	IAML			01:54	56.16	113	0.40	
ESK	HZ	161.0	EP			01:54	43.95			-0.31
ESK	HE	161.0	IAML			01:55	05.40	11	0.23	
ESK	HN	161.0	IAML			01:55	05.53	17	0.18	
FOEL	HZ	166.0	EP			01:54	44.07			-0.97
FOEL	HE	166.0	IAML			01:55	05.75	30	0.34	
FOEL	HN	166.0	IAML			01:55	06.01	34	0.44	
HLM1	HZ	193.0	EP			01:54	47.74			-0.69
HLM1	HE	193.0	IAML			01:55	13.15	19	0.38	
HLM1	HN	193.0	IAML			01:55	14.02	16	0.18	

February 23 2022 Time: 04:13 15.4 UTC Magnitude: 1.5 ML
Lat: 54.124 Lon: -1.796 Depth: 6.6 km
Grid Ref: 413.33 kmE 469.83 kmN RMS: 0.30 secs
Locality: RAMSGILL,N YORKSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

TABLE 2 : PHASE DATA

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AS07	HZ	17.1	IP		D	04:13	18.90			0.00
AS07	HN	17.1	ES			04:13	21.43			-0.05
AS07	HE	17.1	IAML			04:13	21.69	133	0.06	
AS07	HN	17.1	IAML			04:13	21.95	109	0.14	
AR05	HZ	20.8	IP		C	04:13	19.45			-0.02
AR05	HE	20.8	ES			04:13	22.47			0.00
AR05	HE	20.8	IAML			04:13	22.71	78	0.11	
AR05	HN	20.8	IAML			04:13	22.87	69	0.28	
HPK	HZ	21.6	IP		D	04:13	19.46			-0.15
HPK	HN	21.6	ES			04:13	22.58			-0.13
HPK	HN	21.6	IAML			04:13	22.72	126	0.14	
HPK	HE	21.6	IAML			04:13	22.79	93	0.14	
AR09	HN	43.6	ES			04:13	28.33			-0.44
AT10	HZ	48.8	IP		C	04:13	23.80			-0.10
AT10	HE	48.8	ES			04:13	29.93			-0.20
AT10	HE	48.8	IAML			04:13	30.63	37	0.41	
AT10	HN	48.8	IAML			04:13	32.34	22	0.23	
AT12	HN	55.3	ES			04:13	31.77			-0.01
AT12	HE	55.3	IAML			04:13	32.24	55	0.17	
AT12	HN	55.3	IAML			04:13	32.30	54	0.20	
AR01	HZ	59.2	EP			04:13	25.69			0.20
AR01	HN	59.2	ES			04:13	32.91			0.02
AR01	HN	59.2	IAML			04:13	33.16	22	0.14	
AR01	HE	59.2	IAML			04:13	34.26	23	0.14	
AQ12	HZ	71.3	EP			04:13	27.29			-0.11
AQ12	HN	71.3	IAML			04:13	39.19	22	0.09	
AQ12	HE	71.3	IAML			04:13	39.36	23	0.07	
GDLE	HZ	72.0	IP		C	04:13	27.72			0.25
GDLE	HN	72.0	IAML			04:13	36.82	26	0.28	
GDLE	HE	72.0	IAML			04:13	39.64	41	0.21	
LBWR	HZ	80.6	EP			04:13	29.15			0.33
LBWR	HN	80.6	ES			04:13	38.36			-0.29
LBWR	HE	80.6	IAML			04:13	41.68	50	0.11	
LBWR	HN	80.6	IAML			04:13	41.87	28	0.13	
KESW	HZ	99.5	EP			04:13	32.26			0.51
KESW	HN	99.5	IAML			04:13	44.55	10	0.23	
KESW	HE	99.5	IAML			04:13	44.61	10	0.26	
CWF	HZ	158.0	EP			04:13	41.33			0.99
CWF	HN	158.0	IAML			04:14	00.09	4	0.14	
CWF	HE	158.0	IAML			04:14	00.44	6	0.14	

February 23 2022 Time: 16:58 40.6 UTC Magnitude: 1.1 ML
Lat: 55.559 Lon: -5.052 Depth: 7.9 km
Grid Ref: 207.54 kmE 633.71 kmN RMS: 0.20 secs
Locality: ARRAN,NORTH AYRSHIRE
Velocity model: Lownet Xnear: 500.0 Xfar: 1000.0
Comment: 2KM OFFSHORE ARRAN

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
PGB1	HZ	45.5	EP			16:58	48.52			0.00
PGB1	HN	45.5	ES			16:58	54.14			-0.18
PGB1	HN	45.5	IAML			16:58	54.52	40	0.14	
PGB1	HE	45.5	IAML			16:58	54.66	24	0.12	
LAWE	HE	81.0	ES			16:59	03.95			0.12
LAWE	HE	81.0	IAML			16:59	04.41	7	0.16	
LAWE	HN	81.0	IAML			16:59	04.83	5	0.28	
EAB	HZ	83.1	EP			16:58	54.56			0.19
EAB	HN	83.1	ES			16:59	04.37			-0.07
EAB	HE	83.1	IAML			16:59	05.26	10	0.24	
EAB	HN	83.1	IAML			16:59	05.38	12	0.12	
CLGH	HZ	85.6	EP			16:58	55.07			0.32
CLGH	HN	85.6	ES			16:59	04.73			-0.36
CLGH	HN	85.6	IAML			16:59	07.49	12	0.20	
CLGH	HE	85.6	IAML			16:59	07.62	13	0.25	
INVG	HN	115.0	ES			16:59	12.81			-0.15
INVG	HE	115.0	IAML			16:59	15.58	2	0.12	
INVG	HN	115.0	IAML			16:59	17.00	2	0.22	
ESK	HZ	120.0	EP			16:59	00.00			0.05
ESK	HN	120.0	ES			16:59	14.17			0.08
ESK	HN	120.0	IAML			16:59	15.23	3	0.16	
ESK	HE	120.0	IAML			16:59	16.44	2	0.29	

February 25 2022 Time: 01:09 27.1 UTC Magnitude: 1.6 ML
Lat: 54.270 Lon: -2.352 Depth: 4.2 km
Grid Ref: 377.08 kmE 486.11 kmN RMS: 0.30 secs
Locality: COWGILL,CUMBRIA
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AR09	HZ	7.6	IP		C	01:09	29.01			0.12
AR09	HN	7.6	ES			01:09	30.33			0.10
AR09	HN	7.6	IAML			01:09	30.42	2736	0.10	
AR09	HE	7.6	IAML			01:09	30.43	3358	0.10	
AS07	HZ	27.0	IP		D	01:09	32.01			-0.16
AS07	HN	27.0	ES			01:09	35.44			-0.46
AS07	HE	27.0	IAML			01:09	35.65	149	0.22	
AS07	HN	27.0	IAML			01:09	35.76	145	0.10	
AR07	HZ	31.3	IP		C	01:09	32.90			0.04
AR07	HN	31.3	ES			01:09	36.88			-0.21
AR07	HE	31.3	IAML			01:09	37.44	153	0.26	
AR07	HN	31.3	IAML			01:09	37.68	181	0.26	
AQ12	HZ	31.9	IP		D	01:09	32.52			-0.48
AR05	HZ	38.0	EP			01:09	34.03			0.04
AR05	HN	38.0	ES			01:09	38.92			-0.13
AR05	HN	38.0	IAML			01:09	39.27	35	0.10	
AR05	HE	38.0	IAML			01:09	40.28	30	0.15	
AS10	HZ	46.1	IP		C	01:09	35.40			0.04
AQ10	HZ	50.3	EP			01:09	35.96			-0.07
AQ07	HZ	51.9	EP			01:09	36.30			0.01
AQ07	HN	51.9	IAML			01:09	42.75	81	0.26	
AQ07	HE	51.9	IAML			01:09	44.27	78	0.19	
HPK	HN	58.9	ES			01:09	44.47			-0.49
HPK	HN	58.9	IAML			01:09	45.27	17	0.31	
HPK	HE	58.9	IAML			01:09	48.87	18	0.20	
AP12	HE	59.7	IAML			01:09	45.09	36	0.12	
AP12	HN	59.7	IAML			01:09	45.11	47	0.18	
KESW	HZ	60.4	EP			01:09	37.29			-0.35
KESW	HE	60.4	IAML			01:09	45.75	12	0.07	
KESW	HN	60.4	IAML			01:09	45.96	9	0.11	
AR01	HZ	63.2	EP			01:09	38.69			0.61
AR01	HE	63.2	IAML			01:09	46.71	54	0.12	
AR01	HN	63.2	IAML			01:09	47.59	42	0.10	
SPK	EZ	76.3	EP			01:09	39.89			-0.18
THP	EZ	76.5	EP			01:09	40.15			0.05
AT10	HZ	77.3	EP			01:09	40.72			0.44
AT10	HN	77.3	ES			01:09	50.02			0.09
AT10	HN	77.3	IAML			01:09	50.54	53	0.32	
AT10	HE	77.3	IAML			01:09	51.13	44	0.19	
AU11	HZ	92.9	EP			01:09	43.38			0.74
AU11	HN	92.9	IAML			01:09	57.03	32	0.30	
AU11	HE	92.9	IAML			01:09	57.71	20	0.16	
ESK	HZ	129.0	EP			01:09	48.54			0.30
EKA	BZ	129.0	EP			01:09	48.31			-0.02
ESK	HE	129.0	IAML			01:10	04.34	11	0.22	
ESK	HN	129.0	IAML			01:10	04.61	10	0.24	
IOMK	HZ	144.0	EP			01:09	50.86			0.37
IOMK	HE	144.0	IAML			01:10	09.39	2	0.23	
IOMK	HN	144.0	IAML			01:10	09.45	3	0.24	

February 25 2022 Time: 23:35 01.9 UTC Magnitude: 1.5 ML
Lat: 51.334 Lon: -2.806 Depth: 9.7 km
Grid Ref: 343.86 kmE 159.80 kmN RMS: 0.30 secs
Locality: SANDFORD,SOMERSET
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
OLDB	HZ	40.5	EP			23:35	08.99			-0.03
OLDB	HE	40.5	ES			23:35	14.31			0.09
OLDB	HN	40.5	IAML			23:35	14.92	89	0.41	
OLDB	HE	40.5	IAML			23:35	17.23	66	0.33	
STRD	HZ	66.4	IP		D	23:35	13.06			-0.01
STRD	HN	66.4	ES			23:35	20.60			-0.64
STRD	HE	66.4	IAML			23:35	21.75	20	0.13	
STRD	HN	66.4	IAML			23:35	22.16	21	0.22	
SWN1	HZ	72.7	EP			23:35	14.40			0.35
MCH1	HZ	75.0	IP		D	23:35	14.39			-0.02
MCH1	HN	75.0	ES			23:35	23.68			0.12
MCH1	HE	75.0	IAML			23:35	24.22	34	0.13	
MCH1	HN	75.0	IAML			23:35	24.24	16	0.19	
WOL	BZ	110.0	EP			23:35	19.98			0.10
WOL	BN	110.0	ES			23:35	33.16			0.16
WOL	BE	110.0	IAML			23:35	34.16	8	0.40	
WOL	BN	110.0	IAML			23:35	34.37	12	0.47	
HTL	HZ	123.0	EP			23:35	21.91			0.17
HTL	HE	123.0	IAML			23:35	38.28	7	0.14	
HTL	HN	123.0	IAML			23:35	38.53	7	0.17	
DYA	HZ	127.0	EP			23:35	21.68			-0.69
HLM1	HZ	132.0	EP			23:35	23.31			0.27
HLM1	HN	132.0	ES			23:35	38.58			0.11
HLM1	HE	132.0	IAML			23:35	39.29	12	0.20	
HLM1	HN	132.0	IAML			23:35	41.38	7	0.15	
RSBS	HZ	151.0	EP			23:35	25.83			0.12
RSBS	HN	151.0	IAML			23:35	44.61	6	0.23	
RSBS	HE	151.0	IAML			23:35	44.85	10	0.16	

February 25 2022 Time: 23:37 15.0 UTC Magnitude: 1.1 ML
Lat: 54.624 Lon: -2.417 Depth: 5.9 km
Grid Ref: 373.08 kmE 525.52 kmN RMS: 0.30 secs
Locality: DUFTON,CUMBRIA
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 4KM EAST DUFTON

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AQ12	HZ	30.1	IP		C	23:37	20.36			-0.30
AQ12	HN	30.1	ES			23:37	24.86			0.05
AR09	HZ	44.4	EP			23:37	22.60			-0.32
AR09	HE	44.4	ES			23:37	28.31			-0.40
AR09	HN	44.4	IAML			23:37	28.85	105	0.06	
AR09	HE	44.4	IAML			23:37	29.35	62	0.19	
KESW	HZ	44.6	EP			23:37	22.86			-0.06
KESW	HN	44.6	ES			23:37	28.80			0.10
KESW	HN	44.6	IAML			23:37	29.29	3	0.18	
KESW	HE	44.6	IAML			23:37	30.87	3	0.16	
AP12	HZ	65.3	EP			23:37	26.69			0.59
AP12	HE	65.3	IAML			23:37	36.83	3	0.12	
AP12	HN	65.3	IAML			23:37	36.98	6	0.12	
AR07	HE	70.0	ES			23:37	35.74			0.26
AR07	HE	70.0	IAML			23:37	36.47	20	0.30	
AR07	HN	70.0	IAML			23:37	36.90	14	0.22	
AR05	HZ	75.1	EP			23:37	27.69			0.05
AR05	HN	75.1	ES			23:37	36.87			-0.00

TABLE 2 : PHASE DATA

AR05	HN	75.1	IAML		23:37	37.14	13	0.16	
AR05	HE	75.1	IAML		23:37	37.15	16	0.18	
AT10	HZ	85.2	EP		23:37	29.68			0.46
AT10	HE	85.2	ES		23:37	39.17			-0.43
AT10	HE	85.2	IAML		23:37	42.01	13	0.31	
AT10	HN	85.2	IAML		23:37	42.05	11	0.26	
EKA	BZ	92.1	EP		23:37	29.97			-0.32
ESK	HZ	92.1	EP		23:37	30.04			-0.23
ESK	HN	92.1	ES		23:37	41.51			0.08
ESK	HN	92.1	IAML		23:37	43.41	4	0.31	
ESK	HE	92.1	IAML		23:37	43.55	4	0.24	
GDLE	HZ	106.0	EP		23:37	32.97			0.54

February 26 2022 Time: 06:38 25.9 UTC Magnitude: 0.6 ML
Lat: 54.633 Lon: -2.361 Depth: 5.5 km
Grid Ref: 376.70 kmE 526.50 kmN RMS: 0.30 secs
Locality: DUFTON,CUMBRIA
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 8KM EAST DUFTON

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AQ12	HZ	33.4	EP			06:38	31.71			-0.41
AQ12	HN	33.4	ES			06:38	36.50			-0.16
AS10	HE	35.4	ES			06:38	36.72			-0.41
AS10	HN	35.4	IAML			06:38	36.94	8	0.20	
AS10	HE	35.4	IAML			06:38	37.67	10	0.18	
AR09	HE	45.6	ES			06:38	39.63			-0.36
AR09	HN	45.6	IAML			06:38	40.21	24	0.11	
AR09	HE	45.6	IAML			06:38	40.66	14	0.15	
KESW	HZ	48.3	EP			06:38	34.22			-0.20
AS07	HZ	50.4	EP			06:38	34.64			-0.12
AP12	HZ	68.8	EP			06:38	37.65			0.06
AP12	HN	68.8	IAML			06:38	47.70	1	0.20	
AP12	HE	68.8	IAML			06:38	47.93	1	0.12	
AR07	HN	71.2	ES			06:38	47.19			0.44
AR07	HN	71.2	IAML			06:38	47.38	4	0.24	
AR07	HE	71.2	IAML			06:38	48.03	4	0.17	
AR05	HE	74.8	ES			06:38	48.38			0.63
AR05	HE	74.8	IAML			06:38	48.58	4	0.24	
AR05	HN	74.8	IAML			06:38	48.60	3	0.27	
EKA	BZ	93.2	EP			06:38	41.63			0.24
ESK	HZ	93.3	EP			06:38	41.73			0.33
ESK	HE	93.3	ES			06:38	52.68			-0.04
ESK	HN	93.3	IAML			06:38	54.46	1	0.13	
ESK	HE	93.3	IAML			06:38	55.04	2	0.32	

February 26 2022 Time: 23:37 59.7 UTC Magnitude: 0.9 ML
Lat: 54.119 Lon: -1.807 Depth: 6.7 km
Grid Ref: 412.61 kmE 469.27 kmN RMS: 0.30 secs
Locality: RAMSGILL,N YORKSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AS07	HZ	17.2	IP		D	23:38	03.18			-0.10
AS07	HE	17.2	ES			23:38	05.71			-0.19
AS07	HE	17.2	IAML			23:38	05.94	29	0.08	
AS07	HN	17.2	IAML			23:38	06.21	20	0.11	
AR05	HZ	19.8	IP		C	23:38	03.72			0.07
AR05	HN	19.8	ES			23:38	06.79			0.24
AR05	HE	19.8	IAML			23:38	07.00	15	0.08	
AR05	HN	19.8	IAML			23:38	07.13	12	0.21	
HPK	HZ	21.5	IP		D	23:38	03.73			-0.18
HPK	HN	21.5	ES			23:38	06.85			-0.14
HPK	HN	21.5	IAML			23:38	07.02	30	0.12	
HPK	HE	21.5	IAML			23:38	07.07	22	0.14	
AT08	HN	32.5	ES			23:38	09.23			-0.64
AT08	HN	32.5	IAML			23:38	09.51	61	0.20	
AT08	HE	32.5	IAML			23:38	09.67	45	0.12	
AR09	HE	43.0	ES			23:38	12.55			-0.29
AR07	HZ	44.8	EP			23:38	07.59			0.08
AR07	HE	44.8	IAML			23:38	14.35	8	0.13	
AR07	HN	44.8	IAML			23:38	17.00	7	0.12	
AS10	HZ	48.3	EP			23:38	08.09			0.05
AS10	HE	48.3	ES			23:38	14.25			0.10
AS10	HE	48.3	IAML			23:38	14.37	28	0.18	
AS10	HN	48.3	IAML			23:38	14.54	8	0.15	
AU11	HZ	57.8	EP			23:38	09.73			0.24
AU11	HN	57.8	ES			23:38	16.72			0.07
AU11	HN	57.8	IAML			23:38	17.05	7	0.22	
AU11	HE	57.8	IAML			23:38	17.19	6	0.31	
AQ12	HZ	71.0	EP			23:38	11.54			-0.06
AQ12	HE	71.0	ES			23:38	19.84			-0.47
AU18	HZ	73.1	EP			23:38	12.19			0.32
AU18	HN	73.1	ES			23:38	21.02			0.25
AP12	HN	97.6	ES			23:38	27.56			0.18
AP12	HN	97.6	IAML			23:38	28.24	3	0.17	
AP12	HE	97.6	IAML			23:38	29.27	3	0.28	
KESW	HZ	99.3	EP			23:38	16.44			0.47

March 10 2022 Time: 16:48 38.5 UTC Magnitude: 1.0 ML
Lat: 52.196 Lon: -1.522 Depth: 5.5 km
Grid Ref: 432.67 kmE 255.46 kmN RMS: 0.20 secs
Locality: LIGHTHORNE,WARKS
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
CWF	HZ	62.1	EP			16:48	48.84			-0.28
CWF	HN	62.1	IAML			16:49	00.14	6	0.16	
CWF	HE	62.1	IAML			16:49	00.63	5	0.16	
STRD	HZ	64.2	EP			16:48	49.47			0.03
STRD	HE	64.2	ES			16:48	57.32			-0.13
STRD	HE	64.2	IAML			16:48	57.44	6	0.17	
STRD	HN	64.2	IAML			16:48	57.97	9	0.16	
MONM	HZ	96.6	EP			16:48	54.54			0.10
MONM	HN	96.6	ES			16:49	06.16			0.05
MONM	HE	96.6	IAML			16:49	06.54	8	0.10	
MONM	HN	96.6	IAML			16:49	06.62	8	0.31	
HLM1	HZ	99.3	EP			16:48	55.10			0.18
HLM1	HN	99.3	ES			16:49	07.00			0.06
HLM1	HE	99.3	IAML			16:49	07.38	2	0.14	
HLM1	HN	99.3	IAML			16:49	07.64	2	0.13	
MCH1	HZ	104.0	EP			16:48	55.60			0.05
MCH1	HN	104.0	ES			16:49	07.85			-0.17
MCH1	HE	104.0	IAML			16:49	08.15	8	0.12	
MCH1	HN	104.0	IAML			16:49	08.22	5	0.19	
WACR	HE	158.0	ES			16:49	22.33			0.54
WACR	HN	158.0	IAML			16:49	23.21	10	0.24	
WACR	HE	158.0	IAML			16:49	23.56	8	0.21	

March 11 2022 Time: 19:11 34.4 UTC Magnitude: 0.2 ML
Lat: 56.384 Lon: -4.027 Depth: 2.8 km
Grid Ref: 274.86 kmE 723.14 kmN RMS: 0.10 secs
Locality: COMRIE,PERTH & KINROSS
Velocity model: Lownet Xnear: 50.0 Xfar: 100.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
INVG	HZ	4.9	EP			19:11	35.64			-0.03
INVG	HN	4.9	ES			19:11	36.57			-0.01
INVG	HN	4.9	IAML			19:11	36.65	22	0.10	
INVG	HE	4.9	IAML			19:11	36.67	23	0.10	
EAB	HZ	29.1	EP			19:11	40.23			0.07
EAB	HN	29.1	ES			19:11	44.28			-0.07
EAB	HN	29.1	IAML			19:11	44.70	2	0.13	
EAB	HE	29.1	IAML			19:11	44.72	2	0.09	
LAWE	HZ	86.0	EP			19:11	49.54			0.26
LAWE	HN	86.0	ES			19:12	00.39			0.24
LAWE	HE	86.0	IAML			19:12	03.66	4	0.40	
LAWE	HN	86.0	IAML			19:12	04.30	3	0.23	

March 12 2022 Time: 08:01 52.9 UTC Magnitude: 0.9 ML
Lat: 54.114 Lon: -1.782 Depth: 8.9 km
Grid Ref: 414.25 kmE 468.72 kmN RMS: 0.20 secs
Locality: RAMSGILL,N YORKSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
HPK	HZ	20.2	EP			08:01	56.93			0.01
HPK	HE	20.2	ES			08:02	00.04			0.18
HPK	HE	20.2	IAML			08:02	00.45	23	0.15	
HPK	HN	20.2	IAML			08:02	00.47	20	0.18	
AR05	HZ	20.7	EP			08:01	56.94			-0.06
AR05	HE	20.7	ES			08:01	59.95			-0.06
AR05	HE	20.7	IAML			08:02	00.18	22	0.12	
AR05	HN	20.7	IAML			08:02	00.34	22	0.24	
AT08	HN	30.8	ES			08:02	02.47			-0.15
AT08	HN	30.8	IAML			08:02	02.79	39	0.20	
AT08	HE	30.8	IAML			08:02	02.79	40	0.26	
AR07	HZ	46.2	EP			08:02	00.78			-0.16
AR07	HE	46.2	IAML			08:02	06.98	7	0.12	
AR07	HN	46.2	IAML			08:02	10.33	8	0.12	
AS10	HE	48.9	ES			08:02	07.42			-0.09
AS10	HE	48.9	IAML			08:02	07.66	10	0.17	
AS10	HN	48.9	IAML			08:02	07.74	7	0.21	
AP12	HN	99.3	ES			08:02	20.81			-0.24
AP12	HN	99.3	IAML			08:02	21.24	3	0.21	
AP12	HE	99.3	IAML			08:02	22.48	4	0.31	
KESW	HZ	101.0	EP			08:02	09.85			0.42
KESW	HN	101.0	ES			08:02	21.66			0.15
KESW	HN	101.0	IAML			08:02	23.00	3	0.23	
KESW	HE	101.0	IAML			08:02	23.09	3	0.24	

March 14 2022 Time: 05:21 17.2 UTC Magnitude: 0.4 ML
Lat: 55.536 Lon: -5.026 Depth: 7.6 km
Grid Ref: 209.07 kmE 631.08 kmN RMS: 0.20 secs
Locality: ARRAN,NORTH AYRSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 3KM OFFSHORE ARRAN

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
PGB1	HZ	45.9	EP			05:21	25.54			0.34
PGB1	HN	45.9	ES			05:21	30.99			-0.03
PGB1	HN	45.9	IAML			05:21	31.38	10	0.14	
PGB1	HE	45.9	IAML			05:21	31.51	6	0.11	
NEWG	HN	68.7	ES			05:21	37.05			-0.09
NEWG	HZ	68.7	IAML			05:21	38.49	1	0.17	
NEWG	HN	68.7	IAML			05:21	40.49	4	0.19	
GAL1	HE	77.2	ES			05:21	39.17			-0.23
GAL1	HE	77.2	IAML			05:21	39.82	1	0.22	
GAL1	HN	77.2	IAML			05:21	42.78	1	0.11	
LAWE	HE	83.9	ES			05:21	40.95			-0.26
LAWE	HN	83.9	IAML			05:21	41.42	0	0.13	
LAWE	HE	83.9	IAML			05:21	41.70	1	0.13	
EAB	HZ	84.5	EP			05:21	31.38			0.18
EAB	HN	84.5	ES			05:21	41.26			-0.15

TABLE 2 : PHASE DATA

EAB	HN	84.5	IAML		05:21	42.29	3	0.12	
EAB	HE	84.5	IAML		05:21	42.77	1	0.08	
CLGH	HN	85.4	ES		05:21	41.79			0.15
CLGH	HN	85.4	IAML		05:21	43.09	2	0.09	
CLGH	HE	85.4	IAML		05:21	44.54	3	0.23	
ESK	HN	118.0	ES		05:21	50.47			0.13
ESK	HN	118.0	IAML		05:21	51.15	1	0.31	
ESK	HE	118.0	IAML		05:21	51.86	1	0.37	

March 14 2022 Time: 20:59 45.4 UTC Magnitude: 0.6 ML
Lat: 55.107 Lon: -3.658 Depth: 2.6 km
Grid Ref: 294.24 kmE 580.44 kmN RMS: 0.40 secs
Locality: DUMFRIES,D & G
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 4KM NNW DUMFRIES

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
NEWG	HZ	36.5	EP			20:59	52.20			0.12
NEWG	HN	36.5	ES			20:59	56.43			-0.51
NEWG	HN	36.5	IAML			20:59	56.66	16	0.08	
NEWG	HE	36.5	IAML			20:59	57.00	14	0.09	
ESK	HZ	37.1	IP		C	20:59	51.80			-0.40
ESK	HE	37.1	ES			20:59	56.87			-0.28
ESK	HN	37.1	IAML			20:59	57.25	4	0.13	
ESK	HE	37.1	IAML			20:59	57.27	6	0.17	
KESW	HZ	67.8	EP			20:59	57.16			0.01
KESW	HN	67.8	IAML			21:00	08.09	1	0.09	
KESW	HE	67.8	IAML			21:00	09.29	1	0.10	
GAL1	HZ	72.5	EP			20:59	57.88			0.03
GAL1	HN	72.5	ES			21:00	06.38			-0.56
GAL1	HN	72.5	IAML			21:00	06.91	4	0.23	
GAL1	HE	72.5	IAML			21:00	11.56	2	0.08	
PGB1	HZ	94.2	EP			21:00	02.12			0.89
AQ12	HZ	94.7	EP			21:00	01.40			0.05
AQ12	HE	94.7	IAML			21:00	14.82	5	0.09	
AQ12	HN	94.7	IAML			21:00	15.02	4	0.09	
IOMK	HZ	111.0	EP			21:00	03.96			0.13
IOMK	HE	111.0	ES			21:00	17.75			0.48
IOMK	HN	111.0	IAML			21:00	19.25	2	0.07	
IOMK	HE	111.0	IAML			21:00	19.55	1	0.09	
EAB	HZ	128.0	EP			21:00	06.74			0.29
EAB	HE	128.0	IAML			21:00	24.02	2	0.27	
EAB	HN	128.0	IAML			21:00	24.17	2	0.19	

March 17 2022 Time: 20:09 32.1 UTC Magnitude: 1.1 ML
Lat: 53.439 Lon: -3.013 Depth: 21.0 km
Grid Ref: 332.72 kmE 394.09 kmN RMS: 0.30 secs
Locality: BOOTLE,MERSEYSIDE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AQ01	HZ	23.6	EP			20:09	37.44			0.05
AQ01	HE	23.6	ES			20:09	41.44			0.20
AQ01	HE	23.6	IAML			20:09	41.60	44	0.14	
AQ01	HN	23.6	IAML			20:09	41.67	36	0.09	
AQ07	HE	50.3	ES			20:09	47.70			0.20
AQ07	HN	50.3	IAML			20:09	48.10	38	0.20	
AQ07	HE	50.3	IAML			20:09	48.62	43	0.17	
AQ10	HN	54.3	ES			20:09	48.63			0.18
AQ10	HE	54.3	IAML			20:09	48.85	37	0.20	
AQ10	HN	54.3	IAML			20:09	49.13	35	0.37	
FOEL	HZ	62.5	EP			20:09	42.73			-0.07
FOEL	HN	62.5	ES			20:09	49.99			-0.61
FOEL	HN	62.5	IAML			20:09	50.72	5	0.08	
FOEL	HE	62.5	IAML			20:09	50.88	9	0.22	
AS02	HZ	69.4	EP			20:09	43.73			-0.02
AS02	HE	69.4	ES			20:09	52.13			-0.12
AS02	HE	69.4	IAML			20:09	53.70	4	0.13	
AS02	HN	69.4	IAML			20:09	54.48	6	0.12	
AR07	HE	71.9	ES			20:09	52.79			-0.07
AR07	HN	71.9	IAML			20:09	54.25	23	0.17	
AR07	HE	71.9	IAML			20:09	54.51	11	0.13	
WLF1	HN	93.6	ES			20:09	58.37			0.22
WLF1	HN	93.6	IAML			20:09	58.88	8	0.16	
WLF1	HE	93.6	IAML			20:09	58.93	5	0.10	
AP12	HN	98.3	ES			20:09	59.27			-0.10
AP12	HN	98.3	IAML			20:10	00.52	4	0.20	
AP12	HE	98.3	IAML			20:10	00.54	7	0.35	
HLM1	HZ	103.0	EP			20:09	48.90			0.33
HLM1	HN	103.0	ES			20:10	00.64			0.07
HLM1	HN	103.0	IAML			20:10	01.39	4	0.25	
HLM1	HE	103.0	IAML			20:10	01.74	8	0.16	
AQ12	HZ	112.0	EP			20:09	49.82			-0.09
AQ12	HE	112.0	ES			20:10	02.24			-0.65
AQ12	HN	112.0	IAML			20:10	03.86	3	0.08	
AQ12	HE	112.0	IAML			20:10	05.50	4	0.08	
AS07	HZ	115.0	EP			20:09	50.47			0.19
AS07	HN	115.0	ES			20:10	03.51			-0.03
AS07	HE	115.0	IAML			20:10	04.49	4	0.21	
AS07	HN	115.0	IAML			20:10	04.76	6	0.07	
MCH1	HN	160.0	ES			20:10	15.46			1.43
MCH1	HN	160.0	IAML			20:10	16.12	2	0.20	
MCH1	HE	160.0	IAML			20:10	16.16	2	0.33	

March 21 2022 Time: 05:32 55.9 UTC Magnitude: 5.2 ML
Lat: 61.566 Lon: 2.278 Depth: 10.0 km
Grid Ref: 627.11 kmE 1305.71 kmN RMS: 0.40 secs
Locality: NORWEGIAN SEA
Velocity model: North Sea Xnear: 300.0 Xfar: 600.0
Comment: 180KM NE SHETLAND Intensity: 4

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
SUE	HZ	145.0	IP		D	05:33	18.18			-0.14
SUE	HN	145.0	ES			05:33	34.46			-0.26
FOO	HZ	147.0	EP			05:33	18.20			-0.40
FOO	HN	147.0	ES			05:33	34.86			-0.35
FOO	HN	147.0	IAML			05:33	35.57	3682	0.31	
FOO	HE	147.0	IAML			05:33	38.12	2482	0.17	
BER	HZ	212.0	IP		D	05:33	27.23			0.59
BER	HE	212.0	ES			05:33	49.02			-0.10
BER	HE	212.0	IAML			05:33	50.77	2813	0.24	
BER	HN	212.0	IAML			05:33	52.22	2538	0.26	
LRW	HZ	246.0	IP		C	05:33	31.02			0.06
LRW	HE	246.0	ES			05:33	56.47			-0.11
LRW	HN	246.0	IAML			05:34	02.65	3858	0.48	
LRW	HE	246.0	IAML			05:34	10.17	5660	0.33	
MOL	HZ	297.0	EP			05:33	37.73			0.43
KMY	HZ	310.0	EP			05:33	39.23			0.38
STAV	HZ	349.0	IP		C	05:33	44.17			0.45
SNART	HZ	453.0	EP			05:33	56.68			0.07
KONO	BZ	454.0	EP			05:33	56.62			-0.15
BIGH	HZ	486.0	EP			05:33	59.93			-0.76
BIGH	HE	486.0	ES			05:34	46.69			-1.32
BIGH	HE	486.0	IAML			05:34	48.47	2667	0.22	
BIGH	HN	486.0	IAML			05:34	48.58	2634	0.43	
MCD	HZ	542.0	EP			05:34	06.81			-0.95
MCD	HN	542.0	ES			05:34	59.36			-0.89
MCD	HN	542.0	IAML			05:35	03.30	4121	0.40	
MCD	HE	542.0	IAML			05:35	03.45	4687	0.35	
DRUM	HZ	585.0	EP			05:34	12.83			-0.21
DRUM	HE	585.0	ES			05:35	08.19			-1.20
DRUM	HE	585.0	IAML			05:35	11.56	4890	0.26	
DRUM	HN	585.0	IAML			05:35	12.19	4413	0.36	
KPL	HZ	650.0	EP			05:34	19.58			-1.56
KPL	HE	650.0	IAML			05:35	23.72	541	0.31	
KPL	HN	650.0	IAML			05:35	26.55	959	0.31	
OVD	HZ	652.0	EP			05:34	21.47			0.11
INVG	HZ	677.0	EP			05:34	23.67			-0.84
ESY	HZ	689.0	EP			05:34	25.69			-0.35
MUD	HZ	692.0	EP			05:34	26.47			0.13
EDI	HZ	703.0	EP			05:34	26.77			-0.93
EAB	HZ	709.0	EP			05:34	27.64			-0.86
LAWE	HZ	737.0	EP			05:34	30.11			-1.83
LAWE	HN	737.0	IAML			05:35	43.28	1102	0.31	
LAWE	HE	737.0	IAML			05:35	43.49	1443	0.21	
PGB1	HZ	750.0	EP			05:34	32.59			-1.01
ESK	BZ	765.0	EP			05:34	34.83			-0.64
EDMD	HZ	790.0	EP			05:34	37.34			-1.14
AT12	HZ	808.0	EP			05:34	40.10			-0.68
NEWG	HZ	812.0	EP			05:34	40.05			-1.20
GDLE	HZ	816.0	EP			05:34	40.88			-0.88
GDLE	HE	816.0	IAML			05:36	03.33	659	0.35	
GDLE	HN	816.0	IAML			05:36	05.13	1074	0.36	
AS10	HZ	817.0	EP			05:34	41.18			-0.73
AU18	HZ	834.0	EP			05:34	43.10			-0.83
KESW	HZ	839.0	EP			05:34	43.73			-0.84
AU11	HZ	842.0	EP			05:34	44.17			-0.80
AU08	HZ	847.0	EP			05:34	45.25			-0.30
AQ12	HZ	847.0	EP			05:34	44.60			-1.03
GAL1	HZ	851.0	EP			05:34	44.64			-1.39
AR09	HZ	863.0	EP			05:34	46.67			-0.99
AP12	HZ	871.0	EP			05:34	47.60			-1.03
AP12	HN	871.0	IAML			05:36	12.72	359	0.35	
AP12	HE	871.0	IAML			05:36	12.73	429	0.34	
CLGH	HZ	872.0	EP			05:34	46.90			-1.79
CLGH	HN	872.0	IAML			05:36	12.77	394	0.24	
CLGH	HE	872.0	IAML			05:36	13.76	508	0.22	
HPK	HZ	878.0	EP			05:34	48.55			-0.90
COP	HZ	880.0	EP			05:34	48.71			-0.95
AR05	HZ	881.0	EP			05:34	49.04			-0.77
AR07	HZ	888.0	EP			05:34	49.71			-1.00
AQ10	HZ	904.0	EP			05:34	51.93			-0.71
IOMK	HZ	908.0	EP			05:34	52.18			-0.97
AQ07	HZ	909.0	EP			05:34	52.82			-0.40
AQ06	HZ	915.0	EP			05:34	53.76			-0.28
SIZE	CZ	1041.0	EP			05:35	08.85			-0.85
SIZE	CE	1041.0	IAML			05:36	53.23	447	0.65	
SIZE	CN	1041.0	IAML			05:36	54.33	524	0.23	

March 21 2022 Time: 08:06 30.0 UTC Magnitude: 2.5 ML
Lat: 61.549 Lon: 2.283 Depth: 10.0 km
Grid Ref: 627.50 kmE 1303.84 kmN RMS: 0.40 secs
Locality: NORWEGIAN SEA
Velocity model: North Sea Xnear: 300.0 Xfar: 600.0
Comment: 180KM NE SHETLAND

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
SUE	HZ	144.0	IP		D	08:06	52.50			0.18
SUE	HE	144.0	ES			08:07	08.28			-0.36
FOO	HZ	147.0	EP			08:06	52.53			-0.17
FOO	HN	147.0	ES			08:07	08.48			-0.81
FOO	HN	147.0	IAML			08:07	11.75	26	0.10	

TABLE 2 : PHASE DATA

FOO	HE	147.0	IAML		08:07	12.45	19	0.10		
BER	HZ	210.0	EP		08:07	00.75			0.16	
BER	HN	210.0	ES		08:07	23.22			0.28	
BER	HN	210.0	IAML		08:07	24.42	15	0.12		
BER	HE	210.0	IAML		08:07	25.01	21	0.18		
LRW	HZ	245.0	EP		08:07	05.10			0.14	
LRW	HN	245.0	ES		08:07	29.97			-0.53	
LRW	HN	245.0	IAML		08:07	31.26	26	0.16		
LRW	HE	245.0	IAML		08:07	31.64	23	0.26		
MOL	HZ	298.0	EP		08:07	12.20			0.71	
MOL	HN	298.0	ES		08:07	41.70			-0.09	
MOL	HN	298.0	IAML		08:07	42.26	3	0.28		
MOL	HE	298.0	IAML		08:07	48.26	1	0.22		
KMY	HZ	308.0	EP		08:07	13.35			0.59	
KMY	HE	308.0	ES		08:07	43.93			-0.05	
SNART	HZ	451.0	EP		08:07	30.83			0.30	
BIGH	HZ	485.0	EP		08:07	34.17			-0.51	
BIGH	HN	485.0	IAML		08:08	22.78	21	0.10		
BIGH	HE	485.0	IAML		08:08	23.29	21	0.12		
MCD	HN	541.0	IAML		08:08	36.38	14	0.20		
MCD	HE	541.0	IAML		08:08	37.44	11	0.28		
DRUM	HZ	583.0	EP		08:07	46.98			0.00	
DRUM	HE	583.0	IAML		08:08	44.51	25	0.14		
DRUM	HN	583.0	IAML		08:08	44.87	16	0.22		
KPL	HZ	649.0	EP		08:07	53.84			-1.29	
KPL	HE	649.0	IAML		08:08	56.57	4	0.22		
KPL	HN	649.0	IAML		08:08	57.11	4	0.10		
INVG	HZ	676.0	EP		08:07	57.61			-0.86	
LAWE	HZ	736.0	EP		08:08	05.20			-0.71	

March 22 2022 Time: 02:29 26.1 UTC Magnitude: 2.7 ML
Lat: 61.521 Lon: 2.298 Depth: 10.0 km
Grid Ref: 628.50 kmE 1300.78 kmN RMS: 0.40 secs
Locality: NORWEGIAN SEA
Velocity model: North Sea Xnear: 300.0 Xfar: 600.0
Comment: 180KM NE SHETLAND

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
SUE	HZ	142.0	IP		D	02:29	48.17			-0.01
SUE	HN	142.0	ES			02:30	03.85			-0.48
FOO	HZ	146.0	EP			02:29	48.16			-0.56
FOO	HN	146.0	IAML			02:30	06.43	43	0.20	
FOO	HE	146.0	IAML			02:30	07.49	31	0.08	
BER	HZ	208.0	EP			02:29	56.80			0.43
BER	HE	208.0	ES			02:30	18.32			-0.17
BER	HE	208.0	IAML			02:30	20.61	23	0.19	
BER	HN	208.0	IAML			02:30	20.76	21	0.14	
LRW	HZ	244.0	EP			02:30	01.07			0.18
LRW	HN	244.0	ES			02:30	25.87			-0.43
LRW	HE	244.0	IAML			02:30	27.75	27	0.12	
LRW	HN	244.0	IAML			02:30	31.87	27	0.33	
MOL	HZ	298.0	EP			02:30	07.95			0.29
MOL	HN	298.0	IAML			02:30	37.80	4	0.30	
MOL	HE	298.0	IAML			02:30	41.65	3	0.18	
KMY	HZ	305.0	EP			02:30	09.04			0.57
STAV	HZ	344.0	EP			02:30	13.68			0.34
SNART	HZ	448.0	EP			02:30	26.44			0.18
BIGH	HZ	483.0	EP			02:30	29.99			-0.59
BIGH	HN	483.0	IAML			02:31	19.32	12	0.15	
BIGH	HE	483.0	IAML			02:31	20.38	10	0.18	
DRUM	HZ	581.0	EP			02:30	42.66			-0.12
DRUM	HN	581.0	IAML			02:31	40.45	64	0.12	
DRUM	HE	581.0	IAML			02:31	40.51	66	0.12	
KPL	HZ	648.0	EP			02:30	49.49			-1.53
KPL	HE	648.0	IAML			02:31	53.73	3	0.24	
KPL	HN	648.0	IAML			02:31	54.20	5	0.34	
INVG	HZ	674.0	EP			02:30	53.53			-0.76
ESY	HZ	685.0	EP			02:30	55.79			0.04
EDI	HZ	699.0	EP			02:30	57.62			0.19
EAB	HZ	706.0	EP			02:30	57.53			-0.75
EAB	HE	706.0	IAML			02:32	06.33	9	0.22	
EAB	HN	706.0	IAML			02:32	07.43	12	0.32	
LAWE	HZ	734.0	EP			02:31	00.56			-1.20
ESK	HZ	761.0	EP			02:31	04.76			-0.43
EDMD	HZ	786.0	EP			02:31	07.51			-0.64

March 22 2022 Time: 06:08 11.1 UTC Magnitude: 2.5 ML
Lat: 61.537 Lon: 2.276 Depth: 10.0 km
Grid Ref: 627.22 kmE 1302.48 kmN RMS: 0.50 secs
Locality: NORWEGIAN SEA
Velocity model: North Sea Xnear: 300.0 Xfar: 600.0
Comment: 180KM NE SHETLAND

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
SUE	HZ	144.0	EP			06:08	33.65			0.21
SUE	HN	144.0	ES			06:08	49.50			-0.24
FOO	HZ	147.0	EP			06:08	33.64			-0.24
FOO	HN	147.0	ES			06:08	50.02			-0.49
FOO	HN	147.0	IAML			06:08	52.34	29	0.14	
FOO	HE	147.0	IAML			06:08	53.05	17	0.16	
BER	HZ	210.0	EP			06:08	42.21			0.55
BER	HN	210.0	ES			06:09	03.83			-0.14
BER	HN	210.0	IAML			06:09	05.46	19	0.18	
BER	HE	210.0	IAML			06:09	05.67	19	0.36	
LRW	HZ	244.0	EP			06:08	46.22			0.27
LRW	HE	244.0	ES			06:09	10.94			-0.45
LRW	HE	244.0	IAML			06:09	12.22	21	0.20	
LRW	HN	244.0	IAML			06:09	12.56	25	0.08	
MOL	HZ	299.0	EP			06:08	53.20			0.47
MOL	HN	299.0	ES			06:09	22.80			-0.31
MOL	HN	299.0	IAML			06:09	23.59	3	0.30	
MOL	HE	299.0	IAML			06:09	26.38	2	0.26	
KMY	HZ	307.0	EP			06:08	54.55			0.77
KMY	HN	307.0	ES			06:09	24.73			-0.20
SNART	HZ	450.0	EP			06:09	12.02			0.46
BIGH	HZ	483.0	EP			06:09	15.35			-0.32
BIGH	HN	483.0	ES			06:10	01.07			-1.72
BIGH	HN	483.0	IAML			06:10	02.89	13	0.12	
BIGH	HE	483.0	IAML			06:10	04.41	14	0.23	
MCD	HZ	540.0	EP			06:09	22.89			0.20
MCD	HN	540.0	IAML			06:10	17.92	15	0.34	
MCD	HE	540.0	IAML			06:10	18.03	11	0.28	
DRUM	HZ	582.0	EP			06:09	27.98			0.04
DRUM	HN	582.0	ES			06:10	23.58			-0.45
DRUM	HE	582.0	IAML			06:10	24.95	18	0.28	
DRUM	HN	582.0	IAML			06:10	25.80	14	0.16	
KPL	HZ	648.0	EP			06:09	34.88			-1.23
INVG	HZ	675.0	EP			06:09	38.86			-0.58
EAB	HZ	707.0	EP			06:09	43.51			0.09
LAWE	HZ	735.0	EP			06:09	46.25			-0.63

March 22 2022 Time: 09:51 36.0 UTC Magnitude: 2.2 ML
Lat: 61.543 Lon: 2.293 Depth: 10.0 km
Grid Ref: 628.08 kmE 1303.21 kmN RMS: 0.70 secs
Locality: NORWEGIAN SEA
Velocity model: North Sea Xnear: 300.0 Xfar: 600.0
Comment: 180KM NE SHETLAND

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
SUE	HZ	143.0	EP			09:51	58.14			-0.13
SUE	HZ	143.0	P			09:51	59.00			0.73
SUE	HN	143.0	ES			09:52	13.80			-0.71
FOO	HZ	146.0	EP			09:51	58.02			-0.66
FOO	HZ	146.0	P			09:51	59.00			0.32
FOO	HN	146.0	ES			09:52	13.88			-1.34
FOO	HE	146.0	IAML			09:52	16.34	10	0.10	
FOO	HN	146.0	IAML			09:52	16.89	16	0.18	
BER	HN	209.0	ES			09:52	28.89			0.09
BER	HN	209.0	IAML			09:52	30.07	8	0.10	
BER	HE	209.0	IAML			09:52	30.26	10	0.23	
LRW	HZ	245.0	EP			09:52	11.06			0.06
LRW	HN	245.0	ES			09:52	35.80			-0.73
LRW	HN	245.0	IAML			09:52	37.09	7	0.21	
LRW	HE	245.0	IAML			09:52	37.67	9	0.21	
MOL	HZ	298.0	EP			09:52	18.48			0.98
MOL	HN	298.0	IAML			09:52	50.17	1	0.20	
MOL	HE	298.0	IAML			09:52	54.36	1	0.20	
KMY	HZ	307.0	EP			09:52	19.12			0.43
KMY	HE	307.0	ES			09:52	49.87			0.03
BIGH	HZ	485.0	EP			09:52	39.96			-0.75
BIGH	HE	485.0	ES			09:53	26.62			-1.31
BIGH	HE	485.0	IAML			09:53	28.46	8	0.16	
BIGH	HN	485.0	IAML			09:53	29.26	6	0.10	
MCD	HZ	541.0	EP			09:52	47.59			-0.14
MCD	HE	541.0	IAML			09:53	40.96	5	0.23	
MCD	HN	541.0	IAML			09:53	42.88	9	0.19	
DRUM	HZ	583.0	EP			09:52	52.64			-0.33
DRUM	HE	583.0	IAML			09:53	50.43	12	0.12	
DRUM	HN	583.0	IAML			09:53	51.48	9	0.14	
INVG	HZ	676.0	EP			09:53	03.42			-1.05

March 23 2022 Time: 20:20 26.8 UTC Magnitude: 0.7 ML
Lat: 54.714 Lon: -2.152 Depth: 3.3 km
Grid Ref: 390.21 kmE 535.47 kmN RMS: 0.30 secs
Locality: STANHOPE,COUNTY DURHAM
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
EDMD	HZ	17.9	IP		C	20:20	30.16			-0.09
EDMD	HN	17.9	ES			20:20	32.40			-0.40
EDMD	HE	17.9	IAML			20:20	32.49	76	0.10	
EDMD	HN	17.9	IAML			20:20	32.50	26	0.10	
AS10	HZ	27.4	EP			20:20	32.03			0.14
AS10	HN	27.4	ES			20:20	35.77			0.13
AS10	HE	27.4	IAML			20:20	35.97	26	0.16	
AS10	HN	27.4	IAML			20:20	37.76	13	0.34	
AQ12	HZ	49.6	EP			20:20	35.41			-0.24
AQ12	HN	49.6	IAML			20:20	44.09	4	0.18	
AQ12	HE	49.6	IAML			20:20	45.00	4	0.09	
AS07	HZ	53.1	EP			20:20	36.42			0.22
AS07	HE	53.1	ES			20:20	42.57			-0.52
AS07	HN	53.1	IAML			20:20	42.94	4	0.18	
AS07	HE	53.1	IAML			20:20	45.05	3	0.21	
AR09	HZ	57.5	EP			20:20	36.94			0.05
AR09	HN	57.5	ES			20:20	43.76			-0.53
AR09	HE	57.5	IAML			20:20	44.14	10	0.12	
AR09	HN	57.5	IAML			20:20	44.39	14	0.10	
KESW	HZ	63.1	EP			20:20	37.82			0.10
KESW	HE	63.1	IAML			20:20	46.10	1	0.10	
KESW	HN	63.1	IAML			20:20	46.24	1	0.13	
AT10	HN	73.8	ES			20:20	48.90			0.28
AT10	HN	73.8	IAML			20:20	49.17	4	0.50	

TABLE 2 : PHASE DATA

AT10	HE	73.8	IAML	20:20	49.34	3	0.19		
AR05	HE	80.9	ES	20:20	50.79			0.29	
AR05	HN	80.9	IAML	20:20	51.06	6	0.09		
AR05	HE	80.9	IAML	20:20	51.07	6	0.14		
AR07	HN	82.4	ES	20:20	50.96			0.08	
AR07	HE	82.4	IAML	20:20	53.96	10	0.28		
AR07	HN	82.4	IAML	20:20	54.28	6	0.23		
AP12	HZ	85.1	EP	20:20	41.24			0.12	
AP12	HN	85.1	IAML	20:20	54.12	2	0.26		
AP12	HE	85.1	IAML	20:20	54.25	2	0.10		
ESK	HZ	95.1	EP	20:20	43.03			0.35	
ESK	HE	95.1	IAML	20:20	56.40	1	0.12		
ESK	HN	95.1	IAML	20:20	57.73	1	0.18		

March 24 2022 Time: 04:40 38.5 UTC Magnitude: 0.4 ML
Lat: 54.020 Lon: -3.339 Depth: 12.0 km
Grid Ref: 312.28 kmE 459.07 kmN RMS: 0.30 secs
Locality: IRISH SEA
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 12KM WSW ROA ISLAND

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
AP12	HZ	32.6	EP		04:40	44.81			0.28
AP12	HE	32.6	ES		04:40	48.88			-0.03
AP12	HN	32.6	IAML		04:40	48.96	2	0.14	
AP12	HE	32.6	IAML		04:40	49.05	4	0.18	
AR07	HN	57.7	ES		04:40	55.10			-0.49
AR07	HN	57.7	IAML		04:40	56.16	7	0.24	
AR07	HE	57.7	IAML		04:40	56.84	7	0.12	
AQ12	HZ	60.1	EP		04:40	48.90			0.12
AQ12	HN	60.1	ES		04:40	55.94			-0.34
AQ12	HE	60.1	IAML		04:40	56.28	4	0.10	
AQ12	HN	60.1	IAML		04:40	56.90	3	0.09	
AR09	HZ	63.0	EP		04:40	49.30			0.06
KESW	HZ	65.1	EP		04:40	49.90			0.37
KESW	HE	65.1	ES		04:40	57.54			-0.03
KESW	HE	65.1	IAML		04:40	57.77	3	0.24	
KESW	HN	65.1	IAML		04:40	58.20	1	0.10	
IOMK	HN	84.6	ES		04:41	02.50			-0.25
IOMK	HN	84.6	IAML		04:41	03.17	1	0.13	
IOMK	HE	84.6	IAML		04:41	03.39	0	0.08	
AR05	HN	86.6	ES		04:41	03.69			0.37
AR05	HE	86.6	IAML		04:41	04.44	4	0.28	
AR05	HN	86.6	IAML		04:41	05.02	2	0.24	
EDMD	HN	127.0	ES		04:41	13.39			-0.10
EDMD	HN	127.0	IAML		04:41	14.30	2	0.15	
EDMD	HE	127.0	IAML		04:41	14.55	1	0.23	

March 24 2022 Time: 04:59 11.2 UTC Magnitude: 1.5 ML
Lat: 55.437 Lon: -5.234 Depth: 7.6 km
Grid Ref: 195.44 kmE 620.66 kmN RMS: 0.40 secs
Locality: ARRAN,NORTH AYRSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 170.0

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
PGB1	HZ	63.0	EP		04:59	21.89			0.08
PGB1	HE	63.0	ES		04:59	29.42			-0.16
PGB1	HE	63.0	IAML		04:59	29.93	89	0.18	
PGB1	HN	63.0	IAML		04:59	30.14	193	0.20	
CLGH	HZ	68.2	EP		04:59	22.70			0.08
CLGH	HN	68.2	ES		04:59	30.74			-0.25
CLGH	HN	68.2	IAML		04:59	31.45	30	0.13	
CLGH	HE	68.2	IAML		04:59	31.93	35	0.12	
GAL1	HZ	71.7	EP		04:59	23.33			0.20
GAL1	HE	71.7	ES		04:59	31.48			-0.39
GAL1	HN	71.7	IAML		04:59	32.31	14	0.12	
GAL1	HE	71.7	IAML		04:59	34.07	27	0.08	
NEWG	HZ	73.0	EP		04:59	23.48			0.13
NEWG	HN	73.0	ES		04:59	31.87			-0.37
NEWG	HN	73.0	IAML		04:59	34.71	37	0.22	
NEWG	HE	73.0	IAML		04:59	34.77	36	0.06	
LAWE	HZ	92.3	EP		04:59	26.40			0.07
LAWE	HN	92.3	ES		04:59	37.22			-0.18
LAWE	HN	92.3	IAML		04:59	38.88	4	0.16	
LAWE	HE	92.3	IAML		04:59	39.14	10	0.18	
EAB	HZ	101.0	EP		04:59	27.56			-0.12
ESK	HZ	129.0	EP		04:59	32.37			0.35
INVG	HZ	133.0	EP		04:59	32.73			0.17
IOMK	HZ	138.0	EP		04:59	33.69			0.48
EDI	HZ	140.0	EP		04:59	34.10			0.63
KESW	HZ	166.0	EP		04:59	37.40			0.18
KESW	HE	166.0	IAML		04:59	58.15	2	0.51	
KESW	HN	166.0	IAML		04:59	58.98	2	0.28	
ESY	HZ	173.0	EP		04:59	37.30			-0.90

March 25 2022 Time: 04:56 39.3 UTC Magnitude: 3.4 ML
Lat: 58.387 Lon: 1.721 Depth: 10.0 km
Grid Ref: 617.48 kmE 950.27 kmN RMS: 0.40 secs
Locality: CENTRAL NORTH SEA
Velocity model: North Sea Xnear: 500.0 Xfar: 1000.0
Comment: 235KM SE SHETLAND

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
KMY	HZ	223.0	EP		04:57	11.87			0.33
STAV	HZ	239.0	EP		04:57	13.92			0.42
LRW	HZ	256.0	EP		04:57	15.58			0.01
LRW	HN	256.0	ES		04:57	42.79			0.76
LRW	HN	256.0	IAML		04:57	53.76	107	0.32	
LRW	HE	256.0	IAML		04:57	57.94	73	0.52	
DRUM	HZ	300.0	EP		04:57	21.39			0.29
DRUM	HN	300.0	IAML		04:58	16.34	117	0.36	
DRUM	HE	300.0	IAML		04:58	16.35	90	0.56	
BER	HZ	303.0	EP		04:57	20.85			-0.58
BER	HN	303.0	IAML		04:58	16.16	25	0.36	
BER	HE	303.0	IAML		04:58	19.45	22	0.54	
MCD	HZ	308.0	EP		04:57	22.41			0.36
MCD	HN	308.0	IAML		04:58	18.86	88	0.30	
MCD	HE	308.0	IAML		04:58	23.24	125	0.60	
SNART	HZ	321.0	EP		04:57	23.98			0.24
BIGH	HZ	329.0	EP		04:57	24.96			0.27
BIGH	HE	329.0	IAML		04:58	00.64	88	0.22	
BIGH	HN	329.0	IAML		04:58	16.10	79	0.42	
SUE	HZ	343.0	EP		04:57	25.74			-0.70
ESY	HZ	380.0	EP		04:57	30.96			-0.08
ESY	HE	380.0	IAML		04:58	11.16	42	0.26	
ESY	HN	380.0	IAML		04:58	15.77	49	0.26	
EDI	HZ	404.0	EP		04:57	34.37			0.34
EDI	HN	404.0	IAML		04:58	17.71	98	0.38	
EDI	HE	404.0	IAML		04:58	18.09	68	0.26	
INVG	HZ	409.0	EP		04:57	34.77			0.09
INVG	HN	409.0	IAML		04:58	54.30	41	0.82	
INVG	HE	409.0	IAML		04:58	54.56	25	0.54	
EAB	HZ	439.0	EP		04:57	38.60			0.16
EAB	HN	439.0	IAML		04:59	02.99	37	0.68	
EAB	HE	439.0	IAML		04:59	04.74	38	0.58	
KPL	HZ	453.0	EP		04:57	39.69			-0.36
KPL	HE	453.0	IAML		04:59	02.58	29	0.48	
KPL	HN	453.0	IAML		04:59	03.28	31	0.46	
ESK	B1	455.0	EP		04:57	40.22			-0.14
EDMD	HZ	456.0	EP		04:57	40.46			0.03
EDMD	HE	456.0	IAML		04:58	29.39	60	0.18	
EDMD	HN	456.0	IAML		04:58	30.02	69	0.28	
GDLE	HZ	468.0	EP		04:57	42.31			0.30
GDLE	HE	468.0	IAML		04:58	33.05	74	0.52	
GDLE	HN	468.0	IAML		04:58	34.49	111	0.30	
PGB1	HZ	473.0	EP		04:57	43.00			0.46
PGB1	HN	473.0	IAML		04:58	32.82	81	0.54	
PGB1	HE	473.0	IAML		04:58	33.90	76	0.52	
AS10	HZ	480.0	EP		04:57	43.50			0.09
AS10	HN	480.0	IAML		04:58	32.61	82	0.20	
AS10	HE	480.0	IAML		04:58	34.29	98	0.28	
AT10	HZ	482.0	EP		04:57	44.21			0.54
AT10	HN	482.0	IAML		04:58	34.96	67	0.32	
AT10	HE	482.0	IAML		04:58	39.37	81	0.36	
AU18	HZ	485.0	EP		04:57	44.37			0.35
AU18	HN	485.0	IAML		04:58	42.40	84	0.30	
AU18	HE	485.0	IAML		04:58	42.53	61	0.44	
LAWE	HZ	490.0	EP		04:57	43.93			-0.72
LAWE	HE	490.0	IAML		04:58	34.80	45	0.16	
LAWE	HN	490.0	IAML		04:58	38.11	48	0.36	
AU11	HZ	494.0	EP		04:57	45.42			0.19
AU11	HN	494.0	IAML		04:58	37.24	89	0.40	
AU11	HE	494.0	IAML		04:58	38.07	56	0.28	
MUD	HZ	496.0	EP		04:57	45.65			0.22
MUD	HE	496.0	IAML		04:59	14.16	44	0.48	
MUD	HN	496.0	IAML		04:59	15.86	46	0.50	
AU08	HZ	497.0	EP		04:57	46.12			0.55
AU08	HE	497.0	IAML		04:58	38.66	35	0.20	
AU08	HN	497.0	IAML		04:58	39.80	39	0.22	
AU07	HZ	504.0	EP		04:57	46.87			0.44
AU07	HE	504.0	IAML		04:58	43.73	160	0.29	
AU07	HN	504.0	IAML		04:58	46.35	135	0.60	
KESW	HZ	517.0	EP		04:57	47.84			-0.18
KESW	HE	517.0	IAML		04:58	41.90	30	0.68	
KESW	HN	517.0	IAML		04:58	44.65	27	0.60	
AQ12	HZ	519.0	EP		04:57	47.91			-0.41
AQ12	HN	519.0	IAML		04:58	40.62	49	0.28	
AQ12	HE	519.0	IAML		04:58	41.55	33	0.28	
AR09	HZ	530.0	EP		04:57	49.29			-0.39
AR09	HE	530.0	IAML		04:58	45.63	139	0.38	
AR09	HN	530.0	IAML		04:58	45.89	117	0.28	
AR05	HZ	541.0	EP		04:57	50.97			-0.13
AR05	HN	541.0	IAML		04:58	48.33	52	0.24	
AR05	HE	541.0	IAML		04:58	52.46	39	0.44	
AP12	HZ	548.0	EP		04:57	51.33			-0.63
AP12	HE	548.0	IAML		04:58	46.99	24	0.24	
AP12	HN	548.0	IAML		04:58	50.10	23	0.34	
AR07	HZ	553.0	EP		04:57	52.15			-0.40
AR07	HN	553.0	IAML		04:58	50.22	100	0.26	
AR07	HE	553.0	IAML		04:58	50.74	85	0.28	
GAL1	HZ	556.0	EP		04:57	52.50			-0.38
GAL1	HN	556.0	IAML		04:58	50.95	23	0.26	
GAL1	HE	556.0	IAML		04:58	52.93	26	0.58	
LMK	HZ	563.0	EP		04:57	54.20			0.38
LMK	HN	563.0	IAML		04:58	55.34	95	0.30	
LMK	HE	563.0	IAML		04:58	55.68	108	0.32	
MOL	HZ	565.0	EP		04:57	53.85			-0.20
MOL	HN	565.0	ES		04:58	48.38			-0.22
MOL	HN	565.0	IAML		04:58	49.32	2	0.28	
MOL	HE	565.0	IAML		04:58	53.31	2	0.54	
LBWR	HZ	595.0	EP		04:57	57.61			-0.17

TABLE 2 : PHASE DATA

LBWR	HE	595.0	IAML		04:58	59.46	56	0.42	
LBWR	HN	595.0	IAML		04:59	00.25	40	0.26	
IOMK	HZ	601.0	EP		04:57	57.84			-0.70
IOMK	HE	601.0	IAML		04:59	00.40	6	0.40	
IOMK	HN	601.0	IAML		04:59	01.30	6	0.34	
CLGH	HZ	604.0	EP		04:57	58.63			-0.18
CLGH	HN	604.0	IAML		04:59	00.36	23	0.28	
CLGH	HE	604.0	IAML		04:59	01.20	17	0.60	
WACR	HZ	634.0	EP		04:58	02.55			-0.03
WACR	HE	634.0	IAML		04:59	08.58	38	0.34	
WACR	HN	634.0	IAML		04:59	12.65	40	0.20	
CWF	HZ	657.0	EP		04:58	04.93			-0.51
CWF	HE	657.0	IAML		04:59	12.78	16	0.16	
CWF	HN	657.0	IAML		04:59	15.44	10	0.30	
WLF1	HZ	684.0	EP		04:58	07.97			-0.84
WLF1	HN	684.0	IAML		04:59	19.13	8	0.40	
WLF1	HE	684.0	IAML		04:59	19.79	7	0.38	
HLM1	HZ	715.0	EP		04:58	11.92			-0.73
HLM1	HE	715.0	IAML		04:59	24.22	12	0.24	
HLM1	HN	715.0	IAML		04:59	38.88	10	0.44	
DSB	HZ	764.0	EP		04:58	18.32			-0.39
MCH1	HZ	772.0	EP		04:58	19.32			-0.37

March 25 2022 Time: 16:04 42.6 UTC Magnitude: 3.2 ML
Lat: 61.502 Lon: 2.339 Depth: 10.0 km
Grid Ref: 630.82 kmE 1298.81 kmN RMS: 0.50 secs
Locality: NORWEGIAN SEA
Velocity model: North Sea Xnear: 300.0 Xfar: 600.0
Comment: 180KM NE SHETLAND

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
SUE	HZ	139.0	IP		D	16:05	05.41			0.71
SUE	HN	139.0	ES			16:05	21.07			0.26
FOO	HZ	144.0	IP		D	16:05	05.38			-0.05
FOO	HN	144.0	ES			16:05	21.49			-0.57
FOO	HN	144.0	IAML			16:05	23.73	72	0.09	
FOO	HE	144.0	IAML			16:05	26.43	62	0.15	
BER	HZ	205.0	IP		D	16:05	14.00			0.67
BER	HN	205.0	ES			16:05	35.09			-0.64
BER	HN	205.0	IAML			16:05	37.11	58	0.13	
BER	HE	205.0	IAML			16:05	37.27	50	0.17	
LRW	HZ	244.0	EP			16:05	18.01			-0.30
LRW	HE	244.0	IAML			16:05	48.27	49	0.13	
LRW	HN	244.0	IAML			16:05	48.78	68	0.29	
MOL	HZ	297.0	EP			16:05	24.81			-0.12
MOL	HN	297.0	IAML			16:06	03.98	6	0.18	
MOL	HE	297.0	IAML			16:06	08.45	6	0.32	
KMY	HZ	302.0	EP			16:05	26.12			0.61
KMY	HE	302.0	ES			16:05	56.41			-0.39
SNART	HZ	445.0	IP		D	16:05	43.63			0.21
BIGH	HZ	483.0	EP			16:05	47.09			-1.07
BIGH	HN	483.0	IAML			16:06	34.92	27	0.16	
BIGH	HE	483.0	IAML			16:06	35.83	36	0.27	
MCD	HZ	539.0	EP			16:05	54.09			-1.05
MCD	HE	539.0	IAML			16:06	48.48	44	0.42	
MCD	HN	539.0	IAML			16:06	49.23	41	0.36	
LINV	HZ	564.0	EP			16:05	56.73			-1.47
LINV	HN	564.0	IAML			16:06	52.26	17	0.18	
LINV	HE	564.0	IAML			16:06	54.61	15	0.14	
DRUM	HZ	580.0	IP		D	16:05	59.71			-0.62
DRUM	HN	580.0	IAML			16:06	57.24	61	0.16	
DRUM	HE	580.0	IAML			16:06	57.37	72	0.16	
KPL	HZ	648.0	EP			16:06	06.56			-2.16
KPL	HE	648.0	IAML			16:07	10.72	12	0.16	
KPL	HN	648.0	IAML			16:07	11.13	11	0.37	
INVG	HZ	673.0	EP			16:06	10.56			-1.40
ESY	HZ	685.0	EP			16:06	12.78			-0.59
ESY	HN	685.0	IAML			16:07	20.68	9	0.14	
ESY	HE	685.0	IAML			16:07	22.59	8	0.34	
EAB	HZ	705.0	EP			16:06	14.56			-1.41
EAB	HN	705.0	IAML			16:07	24.43	20	0.22	
EAB	HE	705.0	IAML			16:07	25.36	15	0.28	
LAWE	HZ	734.0	EP			16:06	17.66			-1.83
LAWE	HE	734.0	IAML			16:07	29.87	21	0.28	
LAWE	HN	734.0	IAML			16:07	30.88	17	0.22	
ESK	HZ	761.0	EP			16:06	21.81			-1.06
ESK	HE	761.0	IAML			16:07	39.08	13	0.24	
ESK	HN	761.0	IAML			16:07	39.16	11	0.52	
EDMD	HZ	784.0	EP			16:06	24.56			-1.22
EDMD	HE	784.0	IAML			16:07	40.48	8	0.22	
EDMD	HN	784.0	IAML			16:07	42.43	8	0.30	
NEWG	HZ	808.0	EP			16:06	27.14			-1.58
AQ12	HZ	842.0	EP			16:06	32.24			-0.81
AS07	HZ	846.0	EP			16:06	32.17			-1.36

March 30 2022 Time: 00:08 27.8 UTC Magnitude: 0.6 ML
Lat: 56.610 Lon: -5.623 Depth: 6.5 km
Grid Ref: 177.69 kmE 752.32 kmN RMS: 0.10 secs
Locality: MORVERN,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 4KM NW GLENSANDA

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LAWE	HZ	41.3	EP			00:08	34.94			-0.19
LAWE	HN	41.3	ES			00:08	40.52			0.03
LAWE	HE	41.3	IAML			00:08	40.73	4	0.10	
LAWE	HN	41.3	IAML			00:08	40.76	4	0.09	
KPL	HZ	81.2	EP			00:08	41.33			0.03
KPL	HN	81.2	IAML			00:08	52.91	3	0.26	
KPL	HE	81.2	IAML			00:08	53.37	4	0.26	
EAB	HZ	92.2	EP			00:08	43.31			0.26
EAB	HN	92.2	ES			00:08	54.30			0.12
EAB	HE	92.2	IAML			00:08	58.03	3	0.11	
EAB	HN	92.2	IAML			00:08	58.52	2	0.19	
INVG	HZ	99.3	EP			00:08	44.04			-0.11
INVG	HN	99.3	ES			00:08	55.94			-0.15
INVG	HN	99.3	IAML			00:08	58.99	4	0.16	
INVG	HE	99.3	IAML			00:08	59.22	3	0.08	

March 30 2022 Time: 00:37 17.6 UTC Magnitude: 1.1 ML
Lat: 53.377 Lon: 0.148 Depth: 23.1 km
Grid Ref: 542.87 kmE 388.86 kmN RMS: 0.30 secs
Locality: MABLETHORPE,LINCS
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LMK	HZ	32.7	EP			00:37	24.51			-0.13
LMK	HE	32.7	ES			00:37	29.74			-0.03
LMK	HN	32.7	IAML			00:37	30.73	60	0.32	
LMK	HE	32.7	IAML			00:37	30.84	36	0.28	
WACR	HZ	79.4	EP			00:37	30.58			-0.21
WACR	HN	79.4	ES			00:37	40.74			0.33
WACR	HN	79.4	IAML			00:37	41.50	5	0.24	
WACR	HE	79.4	IAML			00:37	42.00	6	0.19	
AU05	HE	86.4	ES			00:37	42.38			0.30
AU05	HE	86.4	IAML			00:37	42.68	21	0.26	
AU05	HN	86.4	IAML			00:37	42.91	17	0.17	
AU08	HZ	98.8	EP			00:37	33.35			-0.19
AU08	HN	98.8	IAML			00:37	45.93	4	0.25	
AU08	HE	98.8	IAML			00:37	46.41	3	0.41	
CWF	HZ	121.0	EP			00:37	36.31			0.01
CWF	HE	121.0	IAML			00:37	52.70	2	0.15	
CWF	HN	121.0	IAML			00:37	53.78	2	0.21	
LBWR	HZ	125.0	EP			00:37	36.36			-0.46
LBWR	HE	125.0	ES			00:37	50.70			-0.15
LBWR	HN	125.0	IAML			00:37	53.49	6	0.22	
LBWR	HE	125.0	IAML			00:37	53.68	3	0.22	
HPK	HE	134.0	ES			00:37	53.44			0.64

March 31 2022 Time: 20:55 59.6 UTC Magnitude: 0.5 ML
Lat: 51.939 Lon: -2.982 Depth: 13.9 km
Grid Ref: 332.50 kmE 227.23 kmN RMS: 0.10 secs
Locality: CLODOCK,HEREFORDSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
MCH1	HZ	6.6	EP			20:56	02.46			0.03
MCH1	HE	6.6	ES			20:56	04.52			0.06
MCH1	HN	6.6	IAML			20:56	04.58	12	0.10	
MCH1	HE	6.6	IAML			20:56	04.60	55	0.10	
MONM	HZ	16.5	EP			20:56	03.38			-0.08
MONM	HN	16.5	ES			20:56	06.16			-0.08
MONM	HN	16.5	IAML			20:56	06.27	17	0.18	
MONM	HE	16.5	IAML			20:56	06.29	17	0.12	
STRD	HN	59.3	ES			20:56	17.30			0.10
HLM1	HZ	64.8	EP			20:56	10.81			0.12
HLM1	HE	64.8	ES			20:56	18.60			-0.15
HLM1	HE	64.8	IAML			20:56	19.13	2	0.14	
HLM1	HN	64.8	IAML			20:56	19.65	2	0.10	

April 1 2022 Time: 08:55 56.3 UTC Magnitude: 1.0 ML
Lat: 57.774 Lon: -5.577 Depth: 7.5 km
Grid Ref: 187.32 kmE 881.63 kmN RMS: 0.70 secs
Locality: POOLEWE,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LINV	HZ	47.2	IP		D	08:56	04.60			0.14
LINV	HN	47.2	ES			08:56	09.85			-0.58
LINV	HE	47.2	IAML			08:56	10.47	10	0.13	
LINV	HN	47.2	IAML			08:56	11.04	6	0.16	
KPL	HZ	48.6	EP			08:56	05.00			0.32
KPL	HE	48.6	ES			08:56	10.18			-0.62
KPL	HE	48.6	IAML			08:56	11.92	6	0.37	
KPL	HN	48.6	IAML			08:56	16.29	5	0.22	
BIGH	HZ	127.0	EP			08:56	17.32			0.57
BIGH	HE	127.0	IAML			08:56	33.68	8	0.19	
BIGH	HN	127.0	IAML			08:56	33.72	9	0.16	
MCD	HZ	140.0	EP			08:56	19.87			1.15
MCD	HN	140.0	ES			08:56	34.57			-0.52
MCD	HE	140.0	IAML			08:56	36.89	6	0.25	
MCD	HN	140.0	IAML			08:56	36.99	3	0.11	
LAWE	HZ	169.0	EP			08:56	24.16			1.41
LAWE	HN	169.0	IAML			08:56	45.52	2	0.23	
LAWE	HE	169.0	IAML			08:56	45.52	3	0.18	
INVG	HZ	176.0	EP			08:56	25.05			1.33
INVG	HN	176.0	IAML			08:56	46.78	2	0.12	
INVG	HE	176.0	IAML			08:56	47.02	2	0.09	

April 1 2022 Time: 09:31 55.5 UTC Magnitude: 1.1 ML
Lat: 57.771 Lon: -5.577 Depth: 7.6 km
Grid Ref: 187.30 kmE 881.29 kmN RMS: 0.60 secs
Locality: POOLEWE,HIGHLAND

TABLE 2 : PHASE DATA

Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LINV	HZ	47.5	IP		D	09:32	03.75			0.08
LINV	HN	47.5	ES			09:32	09.00			-0.66
LINV	HE	47.5	IAML			09:32	09.63	13	0.15	
LINV	HN	47.5	IAML			09:32	10.18	8	0.12	
KPL	HZ	48.3	EP			09:32	04.17			0.38
KPL	HN	48.3	ES			09:32	09.22			-0.65
KPL	HE	48.3	IAML			09:32	10.91	7	0.31	
KPL	HN	48.3	IAML			09:32	15.44	6	0.18	
BIGH	HZ	127.0	EP			09:32	16.45			0.51
BIGH	HN	127.0	ES			09:32	31.41			0.52
BIGH	HE	127.0	IAML			09:32	32.82	9	0.19	
BIGH	HN	127.0	IAML			09:32	32.88	10	0.17	
MCD	HZ	140.0	EP			09:32	18.62			0.75
MCD	HN	140.0	ES			09:32	33.62			-0.62
MCD	HE	140.0	IAML			09:32	36.04	8	0.23	
MCD	HN	140.0	IAML			09:32	36.85	4	0.19	
LAWE	HZ	169.0	EP			09:32	23.51			1.64
LAWE	HE	169.0	ES			09:32	42.04			0.88
LAWE	HN	169.0	IAML			09:32	44.68	4	0.20	
LAWE	HE	169.0	IAML			09:32	44.68	4	0.20	
INVG	HZ	176.0	EP			09:32	23.09			0.25
INVG	HE	176.0	IAML			09:32	45.80	2	0.15	
INVG	HN	176.0	IAML			09:32	46.02	3	0.17	

April 3 2022 Time: 01:04 32.1 UTC Magnitude: 0.9 ML
Lat: 52.369 Lon: 0.603 Depth: 2.6 km
Grid Ref: 577.19 kmE 277.78 kmN RMS: 0.30 secs
Locality: ELVEDEN,SUFFOLK
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
WACR	HZ	39.6	EP			01:04	39.32			0.02
WACR	HE	39.6	ES			01:04	44.32			-0.21
WACR	HE	39.6	IAML			01:04	44.48	16	0.13	
WACR	HN	39.6	IAML			01:04	45.77	12	0.12	
ELMS	HZ	40.4	IP		D	01:04	39.48			0.03
ELMS	HE	40.4	ES			01:04	44.76			-0.03
ELMS	HN	40.4	IAML			01:04	40.06	18	0.06	
ELMS	HE	40.4	IAML			01:04	45.63	10	0.21	
CWF	HZ	136.0	EP			01:04	54.44			0.06
CWF	HE	136.0	ES			01:05	10.21			-0.41
CWF	HN	136.0	IAML			01:05	11.73	2	0.11	
CWF	HE	136.0	IAML			01:05	12.04	2	0.14	
LMK	HZ	136.0	EP			01:04	54.52			0.11
LMK	HN	136.0	ES			01:05	11.36			0.69

April 3 2022 Time: 09:30 25.3 UTC Magnitude: 1.2 ML
Lat: 51.802 Lon: 1.203 Depth: 5.0 km
Grid Ref: 620.81 kmE 216.39 kmN RMS: 0.10 secs
Locality: HOLLAND-ON-SEA,ESSEX
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
ELMS	HZ	35.6	EP			09:30	32.19			-0.08
ELMS	HE	35.6	ES			09:30	37.31			-0.03
ELMS	HN	35.6	IAML			09:30	38.05	33	0.27	
ELMS	HE	35.6	IAML			09:30	38.19	13	0.20	
ELSH	HN	72.8	ES			09:30	47.76			0.00
ELSH	HE	72.8	IAML			09:30	48.48	13	0.12	
ELSH	HN	72.8	IAML			09:30	49.03	15	0.13	
WACR	HZ	110.0	EP			09:30	44.16			0.14
WACR	HE	110.0	ES			09:30	57.66			-0.01
WACR	HE	110.0	IAML			09:30	59.39	8	0.23	
WACR	HN	110.0	IAML			09:30	59.52	5	0.11	
CWF	HN	201.0	ES			09:31	21.94			2.09

April 4 2022 Time: 06:43 36.0 UTC Magnitude: 1.0 ML
Lat: 53.152 Lon: -3.862 Depth: 7.6 km
Grid Ref: 275.50 kmE 363.30 kmN RMS: 0.10 secs
Locality: TREFRIW,CONWY
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 2KM WEST TREFRIW

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
WLF1	HZ	38.9	IP		D	06:43	42.94			0.04
WLF1	HN	38.9	ES			06:43	47.74			-0.17
WLF1	HN	38.9	IAML			06:43	47.81	20	0.07	
WLF1	HE	38.9	IAML			06:43	48.42	17	0.25	
WPS	HZ	50.7	IP		D	06:43	44.95			0.22
WPS	HN	50.7	ES			06:43	51.00			-0.08
WPS	HE	50.7	IAML			06:43	51.31	20	0.12	
WPS	HN	50.7	IAML			06:43	51.39	9	0.23	
FOEL	HZ	53.1	IP		C	06:43	45.14			-0.05
FOEL	HE	53.1	ES			06:43	51.71			-0.17
FOEL	HE	53.1	IAML			06:43	52.16	9	0.19	
FOEL	HN	53.1	IAML			06:43	55.04	12	0.30	
HLM1	HZ	96.6	EP			06:43	52.15			0.22
HLM1	HE	96.6	ES			06:44	03.52			-0.02
HLM1	HE	96.6	IAML			06:44	07.30	6	0.10	
HLM1	HN	96.6	IAML			06:44	08.05	6	0.23	

April 6 2022 Time: 13:20 22.3 UTC Magnitude: 1.1 ML
Lat: 56.435 Lon: -5.938 Depth: 4.6 km
Grid Ref: 157.26 kmE 733.92 kmN RMS: 0.40 secs
Locality: MULL,ARGYLL & BUTE
Velocity model: Lownet Xnear: 150.0 Xfar: 300.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LAWE	HZ	38.6	EP			13:20	28.97			-0.33
LAWE	HN	38.6	ES			13:20	33.86			-0.57
LAWE	HN	38.6	IAML			13:20	34.21	10	0.11	
LAWE	HE	38.6	IAML			13:20	34.67	9	0.23	
KPL	HZ	102.0	EP			13:20	39.41			0.13
KPL	HN	102.0	ES			13:20	51.39			-0.30
KPL	HN	102.0	IAML			13:20	53.96	7	0.26	
KPL	HE	102.0	IAML			13:20	54.44	6	0.34	
EAB	HZ	103.0	EP			13:20	39.89			0.45
EAB	HE	103.0	ES			13:20	52.03			0.06
EAB	HE	103.0	IAML			13:20	54.28	7	0.10	
EAB	HN	103.0	IAML			13:20	54.85	5	0.12	
INVG	HZ	117.0	EP			13:20	42.17			0.55
INVG	HE	117.0	ES			13:20	55.89			0.15
INVG	HN	117.0	IAML			13:20	57.45	5	0.10	
INVG	HE	117.0	IAML			13:20	57.62	3	0.09	
CLGH	HZ	151.0	EP			13:20	46.08			-0.60
CLGH	HN	151.0	ES			13:21	04.96			0.47
CLGH	HE	151.0	IAML			13:21	05.28	5	0.23	
CLGH	HN	151.0	IAML			13:21	05.72	4	0.40	

April 9 2022 Time: 01:58 18.8 UTC Magnitude: 0.1 ML
Lat: 54.624 Lon: -3.864 Depth: 7.7 km
Grid Ref: 279.67 kmE 527.04 kmN RMS: 0.20 secs
Locality: IRISH SEA
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 20KM WNW WHITEHAVEN

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KESW	HZ	49.2	EP			01:58	27.49			0.17
KESW	HN	49.2	ES			01:58	33.44			-0.11
KESW	HN	49.2	IAML			01:58	33.92	2	0.22	
KESW	HE	49.2	IAML			01:58	34.39	4	0.63	
AP12	HZ	52.2	EP			01:58	27.70			-0.07
AP12	HN	52.2	ES			01:58	34.19			-0.13
AP12	HN	52.2	IAML			01:58	35.22	1	0.10	
AP12	HE	52.2	IAML			01:58	35.22	1	0.06	
NEWG	HZ	59.7	EP			01:58	29.00			0.09
NEWG	HE	59.7	ES			01:58	36.07			-0.23
NEWG	HN	59.7	IAML			01:58	36.91	2	0.18	
NEWG	HE	59.7	IAML			01:58	36.92	2	0.44	
GAL1	HZ	60.8	EP			01:58	29.23			0.14
GAL1	HN	60.8	ES			01:58	36.40			-0.20
GAL1	HE	60.8	IAML			01:58	36.76	0	0.08	
GAL1	HN	60.8	IAML			01:58	37.22	1	0.15	
IOMK	HZ	60.9	EP			01:58	29.17			0.05
IOMK	HN	60.9	ES			01:58	36.73			0.08
IOMK	HN	60.9	IAML			01:58	38.37	0	0.08	
IOMK	HE	60.9	IAML			01:58	38.39	0	0.11	
AQ12	HZ	75.0	EP			01:58	31.60			0.27
AQ12	HN	75.0	ES			01:58	40.27			-0.22
AQ12	HN	75.0	IAML			01:58	41.63	2	0.10	
AQ12	HE	75.0	IAML			01:58	42.14	2	0.05	
ESK	HZ	87.8	EP			01:58	33.25			-0.05
ESK	HN	87.8	ES			01:58	44.11			0.21
ESK	HN	87.8	IAML			01:58	45.21	1	0.14	
ESK	HE	87.8	IAML			01:58	45.43	1	0.23	

April 12 2022 Time: 12:08 44.8 UTC Magnitude: 0.9 ML
Lat: 51.175 Lon: -4.734 Depth: 16.1 km
Grid Ref: 208.91 kmE 145.36 kmN RMS: 0.10 secs
Locality: BRISTOL CHANNEL
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 3KM OFFSHORE LUNDY

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
HTL	HZ	26.6	EP			12:08	50.27			0.15
HTL	HE	26.6	ES			12:08	53.87			-0.13
HTL	HE	26.6	IAML			12:08	54.22	12	0.20	
HTL	HN	26.6	IAML			12:08	54.27	8	0.21	
RSBS	HZ	86.5	EP			12:08	58.98			-0.07
RSBS	HE	86.5	ES			12:09	09.43			-0.02
RSBS	HN	86.5	IAML			12:09	10.20	5	0.19	
RSBS	HE	86.5	IAML			12:09	11.38	5	0.18	
DYA	HZ	99.9	EP			12:09	01.10			0.14
DYA	HN	99.9	ES			12:09	12.67			-0.08
DYA	HN	99.9	IAML			12:09	13.12	5	0.23	
DYA	HE	99.9	IAML			12:09	13.29	5	0.18	
CCA1	HZ	115.0	EP			12:09	03.11			-0.04
CCA1	HE	115.0	IAML			12:09	17.06	4	0.21	
CCA1	HN	115.0	IAML			12:09	17.23	2	0.13	
MCH1	HZ	151.0	EP			12:09	08.48			0.21
MCH1	HE	151.0	IAML			12:09	27.40	2	0.19	
MCH1	HN	151.0	IAML			12:09	27.81	2	0.16	

April 13 2022 Time: 01:33 44.0 UTC Magnitude: 0.8 ML
Lat: 52.699 Lon: -3.099 Depth: 4.8 km
Grid Ref: 325.74 kmE 311.86 kmN RMS: 0.30 secs
Locality: TREWERN,POWYS
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 2KM WEST TREWERN

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
FOEL	HZ	22.2	IP		D	01:33	48.40			0.10
FOEL	HN	22.2	ES			01:33	51.36			-0.11

TABLE 2 : PHASE DATA

FOEL	HN	22.2	IAML		01:33	51.59	41	0.15		
FOEL	HE	22.2	IAML		01:33	51.70	47	0.26		
HLM1	HZ	25.0	IP	D	01:33	48.79			0.02	
HLM1	HN	25.0	ES		01:33	51.95			-0.32	
HLM1	HN	25.0	IAML		01:33	52.25	20	0.20		
HLM1	HE	25.0	IAML		01:33	52.27	30	0.23		
LLW	BZ	41.7	IP	D	01:33	51.60			0.11	
LLW	BN	41.7	ES		01:33	56.49			-0.49	
LLW	BN	41.7	IAML		01:33	56.85	2	0.16		
LLW	BE	41.7	IAML		01:33	58.90	2	0.12		
STNC	HZ	74.2	EP		01:33	56.46			-0.09	
STNC	HE	74.2	IAML		01:34	06.77	5	0.10		
STNC	HN	74.2	IAML		01:34	06.88	6	0.27		
MCH1	HZ	78.4	EP		01:33	57.74			0.54	
MCH1	HN	78.4	ES		01:34	06.70			-0.15	
MCH1	HE	78.4	IAML		01:34	07.27	5	0.18		
MCH1	HN	78.4	IAML		01:34	07.39	7	0.23		
WLF1	HZ	109.0	EP		01:34	02.12			0.20	
WLF1	HN	109.0	IAML		01:34	18.82	3	0.09		
WLF1	HE	109.0	IAML		01:34	19.51	2	0.10		
WPS	HZ	122.0	EP		01:34	04.30			0.38	
WPS	HE	122.0	IAML		01:34	21.45	2	0.11		
WPS	HN	122.0	IAML		01:34	23.31	2	0.08		

April 14 2022 Time: 10:49 22.9 UTC Magnitude: 1.4 ML
Lat: 57.766 Lon: -5.578 Depth: 6.5 km
Grid Ref: 187.21 kmE 880.74 kmN RMS: 0.50 secs
Locality: POOLEWE,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	47.7	EP			10:49	31.44			0.22
KPL	HE	47.7	ES			10:49	36.78			-0.50
KPL	HE	47.7	IAML			10:49	37.61	17	0.28	
KPL	HN	47.7	IAML			10:49	42.96	10	0.20	
LINV	HZ	48.0	EP			10:49	31.38			0.11
LINV	HN	48.0	ES			10:49	36.84			-0.54
LINV	HE	48.0	IAML			10:49	37.21	29	0.28	
LINV	HN	48.0	IAML			10:49	37.76	13	0.14	
BIGH	HZ	127.0	EP			10:49	44.06			0.52
BIGH	HN	127.0	ES			10:49	59.06			0.45
BIGH	HN	127.0	IAML			10:50	00.36	16	0.12	
BIGH	HE	127.0	IAML			10:50	01.72	16	0.24	
MCD	HZ	140.0	EP			10:49	45.78			0.37
MCD	HN	140.0	ES			10:50	01.55			-0.30
MCD	HE	140.0	IAML			10:50	03.68	16	0.28	
MCD	HN	140.0	IAML			10:50	05.63	10	0.22	
LAWE	HZ	168.0	EP			10:49	50.12			0.75
LAWE	HN	168.0	ES			10:50	09.57			0.89
LAWE	HN	168.0	IAML			10:50	12.20	6	0.22	
LAWE	HE	168.0	IAML			10:50	12.20	7	0.18	
INVG	HZ	176.0	EP			10:49	50.59			0.24
INVG	HN	176.0	IAML			10:50	13.67	2	0.19	
INVG	HE	176.0	IAML			10:50	14.40	3	0.28	

April 14 2022 Time: 11:28 20.4 UTC Magnitude: 0.9 ML
Lat: 57.773 Lon: -5.652 Depth: 7.6 km
Grid Ref: 182.85 kmE 881.75 kmN RMS: 0.40 secs
Locality: POOLEWE,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	48.3	EP			11:28	28.90			0.21
KPL	HE	48.3	ES			11:28	34.42			-0.35
KPL	HE	48.3	IAML			11:28	35.60	4	0.50	
KPL	HN	48.3	IAML			11:28	36.47	3	0.46	
LINV	HZ	49.6	EP			11:28	29.18			0.29
LINV	HN	49.6	ES			11:28	34.42			-0.70
BIGH	HN	130.0	ES			11:28	56.98			0.38
BIGH	HE	130.0	IAML			11:28	58.20	6	0.20	
BIGH	HN	130.0	IAML			11:28	58.32	6	0.36	
MCD	HZ	145.0	EP			11:28	43.50			0.09
LAWE	HZ	169.0	EP			11:28	46.80			-0.04
LAWE	HE	169.0	IAML			11:29	10.04	2	0.20	
LAWE	HN	169.0	IAML			11:29	10.70	2	0.22	
INVG	HZ	179.0	EP			11:28	48.06			-0.01
BIGH	HZ	130.0	EP			11:28	42.02			0.71

April 15 2022 Time: 03:13 26.6 UTC Magnitude: 1.1 ML
Lat: 54.792 Lon: -1.860 Depth: 9.4 km
Grid Ref: 409.00 kmE 544.14 kmN RMS: 0.20 secs
Locality: SATLEY,COUNTY DURHAM
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
EDMD	HZ	7.9	EP			03:13	28.86			-0.03
EDMD	HE	7.9	ES			03:13	30.62			0.07
EDMD	HN	7.9	IAML			03:13	30.85	111	0.10	
EDMD	HE	7.9	IAML			03:13	30.88	79	0.10	
AT12	HZ	35.8	EP			03:13	32.66			-0.35
AT12	HE	35.8	ES			03:13	37.45			-0.24
AT12	HE	35.8	IAML			03:13	37.79	44	0.13	
AT12	HN	35.8	IAML			03:13	37.84	25	0.11	
AS07	HZ	60.2	EP			03:13	36.76			-0.10
AS07	HN	60.2	ES			03:13	44.16			-0.19
AS07	HN	60.2	IAML			03:13	44.55	7	0.10	
AS07	HE	60.2	IAML			03:13	44.58	9	0.08	
AT10	HZ	64.5	EP			03:13	37.47			-0.05
AQ12	HZ	69.9	EP			03:13	38.32			-0.04
AQ12	HN	69.9	ES			03:13	46.65			-0.29
AQ12	HN	69.9	IAML			03:13	47.38	4	0.18	
AQ12	HE	69.9	IAML			03:13	48.96	9	0.10	
AR09	HZ	73.4	EP			03:13	39.01			0.08
AR09	HE	73.4	ES			03:13	47.98			0.05
AR09	HN	73.4	IAML			03:13	48.88	26	0.28	
AR09	HE	73.4	IAML			03:13	49.98	20	0.14	
GDLE	HZ	79.1	EP			03:13	40.18			0.43
GDLE	HN	79.1	IAML			03:13	51.15	6	0.20	
GDLE	HE	79.1	IAML			03:13	51.56	6	0.22	
AR05	HZ	89.8	EP			03:13	41.72			0.30
AR05	HN	89.8	ES			03:13	52.61			0.38
AR05	HN	89.8	IAML			03:13	54.38	8	0.10	
AR05	HE	89.8	IAML			03:13	54.42	8	0.30	
ESK	HZ	104.0	EP			03:13	43.60			-0.01
ESK	HN	104.0	IAML			03:13	56.58	3	0.17	
ESK	HE	104.0	IAML			03:13	57.35	4	0.24	

April 17 2022 Time: 18:48 07.7 UTC Magnitude: 2.4 ML
Lat: 55.603 Lon: -9.594 Depth: 12.1 km
Grid Ref: -77.91 kmE 660.57 kmN RMS: 0.30 secs
Locality: NORTH ATLANTIC OCEAN
Velocity model: Lownet Xnear: 500.0 Xfar: 1000.0
Comment: 100KM NW IRELAND

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
IDGL	HZ	145.0	EP			18:48	31.13			0.35
IDGL	HN	145.0	ES			18:48	47.77			0.17
IDGL	HN	145.0	IAML			18:48	50.61	92	0.32	
IDGL	HE	145.0	IAML			18:48	50.96	64	0.22	
CLGH	HZ	228.0	EP			18:48	41.14			-0.47
CLGH	HN	228.0	ES			18:49	06.01			-0.34
CLGH	HE	228.0	IAML			18:49	18.35	36	0.24	
CLGH	HN	228.0	IAML			18:49	18.79	42	0.26	
IGLA	HZ	243.0	EP			18:48	43.55			0.10
IGLA	HE	243.0	IAML			18:49	17.46	32	0.39	
IGLA	HN	243.0	IAML			18:49	20.65	25	0.25	
LAWE	HZ	272.0	EP			18:48	47.47			0.42
LAWE	HE	272.0	ES			18:49	16.41			0.65
LAWE	HE	272.0	IAML			18:49	29.48	7	0.39	
LAWE	HN	272.0	IAML			18:49	35.17	10	0.27	
ILTH	HZ	273.0	EP			18:48	47.34			0.19
ILTH	HE	273.0	IAML			18:49	28.07	27	0.52	
ILTH	HN	273.0	IAML			18:49	28.38	30	0.58	
KPL	HZ	310.0	EP			18:48	51.71			-0.09
KPL	HN	310.0	IAML			18:49	29.70	4	0.28	
KPL	HE	310.0	IAML			18:49	38.35	6	0.32	
GAL1	HZ	321.0	EP			18:48	53.03			-0.15
GAL1	HE	321.0	IAML			18:49	27.44	8	0.24	
GAL1	HN	321.0	IAML			18:49	41.44	11	0.48	
PGB1	HZ	322.0	EP			18:48	53.38			0.08
PGB1	HN	322.0	ES			18:49	26.40			-0.17
PGB1	HN	322.0	IAML			18:49	30.33	14	0.37	
PGB1	HE	322.0	IAML			18:49	45.48	21	0.61	
DSB	HZ	335.0	EP			18:48	55.26			0.33
DSB	HE	335.0	IAML			18:49	44.91	10	0.30	
DSB	HN	335.0	IAML			18:49	49.29	8	0.46	
EAB	HZ	335.0	EP			18:48	54.80			-0.16
EAB	HE	335.0	IAML			18:49	55.80	7	0.50	
EAB	HN	335.0	IAML			18:49	57.97	6	0.37	
NEWG	HZ	344.0	EP			18:48	55.91			-0.17
NEWG	HN	344.0	IAML			18:49	33.29	11	0.26	
NEWG	HE	344.0	IAML			18:49	33.44	12	0.36	
LINV	HZ	390.0	EP			18:49	01.75			-0.00
LINV	HN	390.0	IAML			18:49	46.63	2	0.70	
LINV	HE	390.0	IAML			18:50	03.11	4	0.34	
ESK	HZ	405.0	EP			18:49	03.64			-0.08
ESK	HE	405.0	IAML			18:49	46.88	4	0.35	
ESK	HN	405.0	IAML			18:49	48.02	3	0.22	
AQ12	HZ	456.0	EP			18:49	09.67			-0.45
AQ12	HN	456.0	IAML			18:49	58.36	11	0.30	
AQ12	HE	456.0	IAML			18:49	58.61	11	0.46	
EDMD	HZ	493.0	EP			18:49	14.45			-0.18
EDMD	HE	493.0	IAML			18:50	05.78	7	0.26	
EDMD	HN	493.0	IAML			18:50	05.98	9	0.24	

April 19 2022 Time: 03:03 11.9 UTC Magnitude: 1.7 ML
Lat: 57.768 Lon: -5.569 Depth: 7.6 km
Grid Ref: 187.76 kmE 880.93 kmN RMS: 0.50 secs
Locality: POOLEWE,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LINV	HZ	47.6	IP		D	03:03	20.30			0.13
LINV	HN	47.6	ES			03:03	25.53			-0.65
LINV	HE	47.6	IAML			03:03	26.16	47	0.17	
LINV	HN	47.6	IAML			03:03	26.72	28	0.14	
KPL	HZ	48.0	EP			03:03	20.59			0.37
KPL	HN	48.0	ES			03:03	25.75			-0.51
KPL	HE	48.0	IAML			03:03	27.42	29	0.30	
KPL	HN	48.0	IAML			03:03	31.99	24	0.23	
BIGH	HZ	127.0	IP		C	03:03	32.95			0.55
BIGH	HN	127.0	ES			03:03	47.89			0.55
BIGH	HE	127.0	IAML			03:03	49.36	38	0.21	

TABLE 2 : PHASE DATA

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
BIGH	HN	127.0	IAML			03:03	49.39	42	0.14	
MCD	HZ	140.0	IP		C	03:03	34.65			0.37
MCD	HN	140.0	ES			03:03	50.16			-0.43
MCD	HE	140.0	IAML			03:03	52.56	28	0.21	
MCD	HN	140.0	IAML			03:03	54.65	23	0.24	
LAWE	HZ	168.0	EP			03:03	38.98			0.68
INVG	HZ	176.0	EP			03:03	39.50			0.25
EAB	HZ	191.0	EP			03:03	41.76			0.57
EAB	HN	191.0	IAML			03:04	07.19	6	0.11	
EAB	HE	191.0	IAML			03:04	07.93	5	0.22	
DRUM	HZ	209.0	EP			03:03	45.09			1.73
DRUM	HN	209.0	IAML			03:04	10.81	10	0.27	
DRUM	HE	209.0	IAML			03:04	11.98	11	0.16	
ESK	HZ	309.0	EP			03:03	56.47			0.52

April 19 2022 Time: 03:06 10.7 UTC Magnitude: 0.9 ML
Lat: 57.791 Lon: -5.557 Depth: 6.7 km
Grid Ref: 188.60 kmE 883.45 kmN RMS: 0.40 secs
Locality: POOLEWE,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LINV	HZ	45.0	IP		D	03:06	18.74			0.15
LINV	HN	45.0	ES			03:06	24.03			-0.31
LINV	HE	45.0	IAML			03:06	24.63	10	0.16	
LINV	HN	45.0	IAML			03:06	25.18	5	0.11	
KPL	HZ	50.7	EP			03:06	19.22			-0.24
KPL	HE	50.7	IAML			03:06	24.98	4	0.12	
KPL	HN	50.7	IAML			03:06	30.33	4	0.16	
BIGH	HZ	125.0	EP			03:06	31.41			0.48
BIGH	HN	125.0	IAML			03:06	47.86	6	0.14	
BIGH	HE	125.0	IAML			03:06	49.19	7	0.25	
MCD	HZ	139.0	EP			03:06	33.49			0.41
MCD	HN	139.0	ES			03:06	49.09			-0.33
MCD	HN	139.0	IAML			03:06	49.70	3	0.27	
MCD	HE	139.0	IAML			03:06	51.04	7	0.23	
LAWE	HZ	171.0	EP			03:06	38.36			0.87
LAWE	HE	171.0	ES			03:06	56.88			-0.16
LAWE	HE	171.0	IAML			03:06	59.66	3	0.17	
LAWE	HN	171.0	IAML			03:06	59.67	2	0.21	
INVG	HZ	177.0	EP			03:06	39.21			0.86
INVG	HE	177.0	IAML			03:07	00.78	1	0.14	
INVG	HN	177.0	IAML			03:07	00.93	1	0.15	
EAB	HZ	193.0	EP			03:06	41.34			1.01

April 19 2022 Time: 03:11 48.3 UTC Magnitude: 1.0 ML
Lat: 57.811 Lon: -5.683 Depth: 6.6 km
Grid Ref: 181.24 kmE 886.08 kmN RMS: 0.20 secs
Locality: POOLEWE,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LINV	HZ	47.2	EP			03:11	56.70			0.18
LINV	HN	47.2	ES			03:12	02.31			-0.22
LINV	HE	47.2	IAML			03:12	02.55	12	0.28	
LINV	HN	47.2	IAML			03:12	03.17	6	0.11	
KPL	HZ	52.6	EP			03:11	57.19			-0.17
KPL	HE	52.6	IAML			03:12	02.96	7	0.30	
KPL	HN	52.6	IAML			03:12	08.62	3	0.18	
BIGH	HZ	129.0	EP			03:12	09.42			0.24
BIGH	HN	129.0	ES			03:12	24.38			-0.04
BIGH	HN	129.0	IAML			03:12	25.79	8	0.16	
BIGH	HE	129.0	IAML			03:12	25.80	7	0.18	
MCD	HZ	147.0	EP			03:12	12.01			0.22
MCD	HN	147.0	IAML			03:12	28.86	7	0.66	
MCD	HE	147.0	IAML			03:12	30.62	7	0.52	
LAWE	HZ	174.0	EP			03:12	16.05			0.60
LAWE	HE	174.0	IAML			03:12	38.12	3	0.19	
LAWE	HN	174.0	IAML			03:12	39.42	2	0.28	
INVG	HZ	183.0	EP			03:12	17.10			0.41
INVG	HN	183.0	IAML			03:12	38.90	1	0.17	
INVG	HE	183.0	IAML			03:12	39.86	1	0.26	
EAB	HZ	198.0	EP			03:12	18.83			0.26

April 19 2022 Time: 11:26 22.3 UTC Magnitude: 1.5 ML
Lat: 55.789 Lon: -5.508 Depth: 8.3 km
Grid Ref: 180.10 kmE 660.64 kmN RMS: 0.30 secs
Locality: CLACHAN,ARGYLL & BUTE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 5KM NE CLACHAN

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LAWE	HZ	52.8	EP			11:26	31.08			-0.25
LAWE	HN	52.8	ES			11:26	37.66			-0.28
LAWE	HN	52.8	IAML			11:26	38.73	12	0.28	
LAWE	HE	52.8	IAML			11:26	42.67	21	0.60	
PGB1	HZ	64.3	EP			11:26	32.91			-0.21
PGB1	HN	64.3	ES			11:26	40.86			-0.18
EAB	HZ	85.5	EP			11:26	36.34			-0.09
EAB	HN	85.5	ES			11:26	46.72			-0.04
EAB	HE	85.5	IAML			11:26	49.79	25	0.42	
EAB	HN	85.5	IAML			11:26	50.17	26	0.38	
CLGH	HZ	87.4	EP			11:26	37.11			0.41
CLGH	HE	87.4	IAML			11:26	51.08	22	0.34	
CLGH	HN	87.4	IAML			11:26	51.72	13	0.44	
NEWG	HZ	110.0	EP			11:26	40.24			0.02
NEWG	HN	110.0	IAML			11:26	56.13	26	0.30	
NEWG	HE	110.0	IAML			11:26	56.64	26	0.30	
GAL1	HZ	115.0	EP			11:26	41.06			0.18
GAL1	HE	115.0	ES			11:26	54.07			-0.41
GAL1	HE	115.0	IAML			11:26	57.98	14	0.40	
GAL1	HN	115.0	IAML			11:26	58.20	14	0.42	
INVG	HZ	116.0	EP			11:26	41.21			0.13
INVG	HE	116.0	ES			11:26	55.78			0.97
INVG	HN	116.0	IAML			11:26	57.51	10	0.36	
INVG	HE	116.0	IAML			11:26	59.97	8	0.36	
KPL	HE	173.0	IAML			11:27	14.11	6	0.66	
KPL	HN	173.0	IAML			11:27	20.30	4	0.34	

April 20 2022 Time: 11:20 32.7 UTC Magnitude: 1.2 ML
Lat: 55.861 Lon: -5.449 Depth: 7.6 km
Grid Ref: 184.19 kmE 668.47 kmN RMS: 0.40 secs
Locality: TARBERT,ARGYLL & BUTE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LAWE	HZ	44.5	EP			11:20	40.34			-0.12
LAWE	HN	44.5	ES			11:20	45.94			-0.18
LAWE	HE	44.5	IAML			11:20	49.79	16	0.56	
LAWE	HN	44.5	IAML			11:20	52.26	8	0.74	
EAB	HZ	78.3	EP			11:20	45.65			-0.08
EAB	HN	78.3	IAML			11:20	57.32	7	0.38	
EAB	HE	78.3	IAML			11:20	57.77	8	0.82	
CLGH	HZ	96.2	EP			11:20	48.68			0.19
CLGH	HE	96.2	IAML			11:21	02.84	14	0.44	
CLGH	HN	96.2	IAML			11:21	03.10	11	0.44	
INVG	HZ	108.0	EP			11:20	50.24			-0.04
INVG	HN	108.0	ES			11:21	03.64			0.52
INVG	HE	108.0	IAML			11:21	05.75	8	0.34	
INVG	HN	108.0	IAML			11:21	05.93	7	0.42	
NEWG	HZ	113.0	EP			11:20	50.57			-0.52
NEWG	HE	113.0	ES			11:21	04.18			-0.34
NEWG	HE	113.0	IAML			11:21	07.45	9	0.26	
NEWG	HN	113.0	IAML			11:21	07.57	6	0.24	
GAL1	HZ	120.0	EP			11:20	52.88			0.69

April 20 2022 Time: 23:02 35.5 UTC Magnitude: 0.3 ML
Lat: 54.338 Lon: -4.150 Depth: 10.2 km
Grid Ref: 260.24 kmE 495.75 kmN RMS: 0.20 secs
Locality: IRISH SEA
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 15KM EAST RAMSEY,IOM

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
IOMK	HZ	28.4	EP			23:02	40.89			0.07
IOMK	HE	28.4	ES			23:02	44.60			-0.10
IOMK	HN	28.4	IAML			23:02	44.70	4	0.10	
IOMK	HE	28.4	IAML			23:02	44.70	3	0.10	
AP12	HZ	57.5	EP			23:02	45.24			-0.07
AP12	HN	57.5	ES			23:02	52.29			-0.19
AP12	HN	57.5	IAML			23:02	53.49	2	0.16	
AP12	HE	57.5	IAML			23:02	54.02	2	0.12	
GAL1	HZ	69.1	EP			23:02	47.38			0.29
GAL1	HE	69.1	ES			23:02	55.32			-0.23
GAL1	HE	69.1	IAML			23:02	55.85	2	0.15	
GAL1	HN	69.1	IAML			23:02	55.86	2	0.07	
KESW	HZ	73.3	EP			23:02	47.86			0.10
KESW	HN	73.3	ES			23:02	56.85			0.13
KESW	HE	73.3	IAML			23:02	57.52	1	0.30	
KESW	HN	73.3	IAML			23:02	57.66	2	0.38	
NEWG	HZ	86.9	EP			23:02	50.05			0.20
NEWG	HN	86.9	ES			23:03	00.20			-0.13
NEWG	HE	86.9	IAML			23:03	01.32	1	0.12	
NEWG	HN	86.9	IAML			23:03	01.44	1	0.22	
AQ12	HZ	91.5	EP			23:02	50.58			-0.02
AQ12	HN	91.5	IAML			23:03	02.45	1	0.13	
AQ12	HE	91.5	IAML			23:03	03.48	1	0.18	
ESK	HE	125.0	ES			23:03	10.12			-0.07
ESK	HE	125.0	IAML			23:03	11.34	1	0.42	
ESK	HN	125.0	IAML			23:03	11.69	1	0.24	

April 21 2022 Time: 00:53 18.3 UTC Magnitude: 2.6 ML
Lat: 53.580 Lon: 2.442 Depth: 10.0 km
Grid Ref: 693.98 kmE 418.47 kmN RMS: 0.60 secs
Locality: SOUTHERN NORTH SEA
Velocity model: North Sea Xnear: 150.0 Xfar: 300.0
Comment: 100KM NE CROMER

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
WACR	HZ	154.0	EP			00:53	41.25			-0.69
WACR	HE	154.0	ES			00:53	58.93			-0.29
WACR	HN	154.0	IAML			00:54	00.45	69	0.19	
WACR	HE	154.0	IAML			00:54	00.55	56	0.25	
ELMS	HZ	192.0	EP			00:53	46.51			-0.15
ELMS	HE	192.0	ES			00:54	08.55			1.17
ELMS	HE	192.0	IAML			00:54	14.47	50	0.26	
ELMS	HN	192.0	IAML			00:54	15.63	71	0.32	
AU08	HZ	213.0	EP			00:53	49.55			0.30
AU08	HE	213.0	IAML			00:54	23.96	28	0.50	
AU08	HN	213.0	IAML			00:54	28.11	42	0.44	
AU18	HZ	220.0	EP			00:53	50.62			0.50
AU18	HE	220.0	IAML			00:54	22.76	42	0.44	
AU18	HN	220.0	IAML			00:54	24.96	52	0.42	
AU11	HZ	232.0	EP			00:53	51.83			0.20

TABLE 2 : PHASE DATA

AU11	HE	232.0	IAML		00:54	27.82	26	0.38	
AU11	HN	232.0	IAML		00:54	28.13	22	0.62	
GDLE	HZ	233.0	EP		00:53	51.92			0.14
GDLE	HE	233.0	IAML		00:54	29.33	54	0.38	
GDLE	HN	233.0	IAML		00:54	33.16	80	0.40	
AT10	HZ	253.0	EP		00:53	55.34			1.08
AT10	HE	253.0	IAML		00:54	37.59	25	0.74	
AT10	HN	253.0	IAML		00:54	40.71	27	0.34	
CWF	HZ	268.0	EP		00:53	55.25			-0.80
CWF	HN	268.0	ES		00:54	24.17			0.55
CWF	HN	268.0	IAML		00:54	35.71	28	0.32	
CWF	HE	268.0	IAML		00:54	36.33	18	0.31	
EDMD	HZ	319.0	EP		00:54	02.28			-0.16
EDMD	HE	319.0	IAML		00:54	52.26	10	0.24	
EDMD	HN	319.0	IAML		00:55	03.52	11	0.94	
AR07	HZ	326.0	EP		00:54	03.19			-0.14
AR07	HN	326.0	IAML		00:54	55.37	59	0.34	
AR07	HE	326.0	IAML		00:54	58.32	51	0.48	
STRD	HZ	370.0	EP		00:54	08.49			-0.32
STRD	HN	370.0	IAML		00:55	08.29	39	0.68	
STRD	HE	370.0	IAML		00:55	13.94	36	0.50	
HLM1	HZ	376.0	EP		00:54	09.31			-0.20
HLM1	HN	376.0	IAML		00:55	08.54	14	0.48	
HLM1	HE	376.0	IAML		00:55	14.97	15	0.56	
MONM	HZ	404.0	EP		00:54	12.23			-0.73
MONM	HE	404.0	IAML		00:55	11.67	16	0.64	
MONM	HN	404.0	IAML		00:55	14.49	21	0.56	
MCH1	HZ	407.0	EP		00:54	12.57			-0.78
MCH1	HE	407.0	IAML		00:55	11.25	10	0.36	
MCH1	HN	407.0	IAML		00:55	18.75	11	0.82	
ESK	HZ	414.0	EP		00:54	14.58			0.34
ESK	HN	414.0	IAML		00:54	57.19	4	0.50	
ESK	HE	414.0	IAML		00:54	57.44	4	0.66	
DOU	HZ	415.0	EP		00:54	14.87			0.52
ESY	HZ	417.0	EP		00:54	14.72			0.15
ESY	HE	417.0	IAML		00:55	27.09	4	0.48	
ESY	HN	417.0	IAML		00:55	32.65	5	0.66	
DRUM	HZ	485.0	EP		00:54	23.27			0.16
DRUM	HN	485.0	IAML		00:55	12.59	7	0.42	
DRUM	HE	485.0	IAML		00:55	12.88	6	0.54	
EAB	HZ	523.0	EP		00:54	28.11			0.36

April 21 2022 Time: 04:14 45.5 UTC Magnitude: 0.5 ML
Lat: 56.975 Lon: -5.274 Depth: 7.3 km
Grid Ref: 201.04 kmE 791.84 kmN RMS: 0.20 secs
Locality: LOCH ARKAIG,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	46.6	EP			04:14	53.63			0.03
KPL	HN	46.6	ES			04:14	59.45			-0.05
KPL	HE	46.6	IAML			04:14	59.64	4	0.14	
KPL	HN	46.6	IAML			04:14	59.67	2	0.23	
LAWE	HZ	80.0	EP			04:14	58.83			0.02
LAWE	HN	80.0	ES			04:15	08.51			0.00
LAWE	HE	80.0	IAML			04:15	09.21	2	0.30	
LAWE	HN	80.0	IAML			04:15	09.79	2	0.33	
INVG	HZ	96.9	EP			04:15	01.33			-0.13
INVG	HE	96.9	ES			04:15	12.54			-0.56
INVG	HN	96.9	ES			04:15	13.62			0.52
INVG	HN	96.9	IAML			04:15	15.01	1	0.11	
INVG	HE	96.9	IAML			04:15	16.24	2	0.13	
EAB	HZ	105.0	EP			04:15	02.70			0.02
EAB	HN	105.0	ES			04:15	15.26			0.06
EAB	HE	105.0	IAML			04:15	17.52	2	0.17	
EAB	HN	105.0	IAML			04:15	17.94	3	0.18	
LINV	HZ	131.0	EP			04:15	06.58			0.03
LINV	HE	131.0	ES			04:15	21.88			-0.02
LINV	HE	131.0	IAML			04:15	23.21	2	0.32	
LINV	HN	131.0	IAML			04:15	25.43	1	0.13	
MCD	HZ	139.0	EP			04:15	08.10			0.25

April 23 2022 Time: 18:39 04.1 UTC Magnitude: 0.8 ML
Lat: 55.742 Lon: -5.619 Depth: 10.5 km
Grid Ref: 172.87 kmE 655.78 kmN RMS: 0.30 secs
Locality: CLACHAN,ARGYLL & BUTE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LAWE	HZ	59.3	EP			18:39	14.11			-0.12
LAWE	HN	59.3	ES			18:39	21.31			-0.28
LAWE	HN	59.3	IAML			18:39	21.54	3	0.16	
LAWE	HE	59.3	IAML			18:39	21.72	3	0.10	
PGB1	HZ	71.6	EP			18:39	16.50			0.35
PGB1	HN	71.6	ES			18:39	24.90			-0.00
PGB1	HN	71.6	IAML			18:39	24.94	12	0.30	
PGB1	HE	71.6	IAML			18:39	25.85	11	0.37	
CLGH	HE	79.7	ES			18:39	26.98			-0.09
CLGH	HN	79.7	IAML			18:39	27.50	4	0.25	
CLGH	HE	79.7	IAML			18:39	28.29	5	0.26	
EAB	HZ	94.2	EP			18:39	19.99			0.33
EAB	HN	94.2	ES			18:39	30.70			-0.28
EAB	HN	94.2	IAML			18:39	32.34	2	0.20	
EAB	HE	94.2	IAML			18:39	33.78	2	0.13	
NEWG	HZ	112.0	EP			18:39	22.24			-0.11
NEWG	HN	112.0	ES			18:39	35.21			-0.42
NEWG	HE	112.0	IAML			18:39	36.00	2	0.18	
NEWG	HN	112.0	IAML			18:39	36.15	3	0.27	
GAL1	HZ	113.0	EP			18:39	22.62			0.12
GAL1	HE	113.0	ES			18:39	35.90			-0.00
GAL1	HN	113.0	IAML			18:39	37.10	3	0.16	
GAL1	HE	113.0	IAML			18:39	37.44	4	0.10	
INVG	HZ	124.0	EP			18:39	24.69			0.57
INVG	HN	124.0	IAML			18:39	40.12	1	0.24	
INVG	HE	124.0	IAML			18:39	40.12	1	0.18	
ESK	HZ	160.0	EP			18:39	29.67			0.51
ESK	HN	160.0	IAML			18:39	50.25	2	0.26	
ESK	HE	160.0	IAML			18:39	50.30	2	0.57	

April 24 2022 Time: 09:48 07.0 UTC Magnitude: 1.9 ML
Lat: 56.504 Lon: -4.222 Depth: 2.6 km
Grid Ref: 263.25 kmE 736.86 kmN RMS: 0.40 secs
Locality: KILTYRIE,PERTH/KINROSS
Velocity model: Lownet Xnear: 150.0 Xfar: 300.0
Comment: FELT BEN LAWERS... Intensity: 3

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
INVG	HZ	13.9	IP		C	09:48	09.82			-0.06
INVG	HE	13.9	ES			09:48	11.60			-0.36
INVG	HN	13.9	IAML			09:48	11.85	382	0.11	
INVG	HE	13.9	IAML			09:48	11.90	400	0.09	
EAB	HZ	35.9	IP		C	09:48	13.70			0.10
EAB	HN	35.9	ES			09:48	18.27			-0.13
EAB	HE	35.9	IAML			09:48	18.47	129	0.16	
EAB	HN	35.9	IAML			09:48	18.61	116	0.21	
LAWE	HZ	77.7	EP			09:48	19.65			-0.61
LAWE	HE	77.7	IAML			09:48	33.10	64	0.16	
LAWE	HN	77.7	IAML			09:48	33.30	95	0.13	
PGB1	HZ	78.8	EP			09:48	20.55			0.10
PGB1	HN	78.8	IAML			09:48	30.65	48	0.22	
PGB1	HE	78.8	IAML			09:48	31.49	42	0.24	
EDI	HZ	91.1	EP			09:48	22.53			0.19
EDI	HE	91.1	IAML			09:48	38.43	33	0.15	
EDI	HN	91.1	IAML			09:48	39.63	29	0.14	
DRUM	HZ	116.0	EP			09:48	26.06			-0.09
DRUM	HN	116.0	IAML			09:48	44.43	76	0.30	
DRUM	HE	116.0	IAML			09:48	44.59	75	0.12	
ESY	HZ	119.0	EP			09:48	26.93			0.19
ESY	HN	119.0	ES			09:48	40.95			-0.18
ESY	HN	119.0	IAML			09:48	41.37	22	0.20	
ESY	HE	119.0	IAML			09:48	44.32	20	0.28	
KPL	HZ	127.0	EP			09:48	28.38			0.43
KPL	HE	127.0	ES			09:48	42.96			-0.26
KPL	HN	127.0	IAML			09:48	44.39	49	0.21	
KPL	HE	127.0	IAML			09:48	45.76	31	0.37	
MCD	HZ	134.0	EP			09:48	29.35			0.39
MCD	HE	134.0	IAML			09:48	46.98	33	0.14	
MCD	HN	134.0	IAML			09:48	47.01	48	0.16	
GAL1	HZ	185.0	EP			09:48	36.75			0.72
GAL1	HE	185.0	IAML			09:49	00.42	13	0.28	
GAL1	HN	185.0	IAML			09:49	00.73	6	0.26	
LINV	HZ	192.0	EP			09:48	36.17			-0.75
LINV	HE	192.0	IAML			09:49	00.97	12	0.18	
LINV	HN	192.0	IAML			09:49	02.29	5	0.22	
CLGH	HZ	198.0	EP			09:48	38.33			0.68
CLGH	HE	198.0	IAML			09:49	03.64	18	0.22	
CLGH	HN	198.0	IAML			09:49	04.08	20	0.14	
BIGH	HZ	222.0	EP			09:48	40.47			-0.22
BIGH	HE	222.0	IAML			09:49	08.42	8	0.34	
BIGH	HN	222.0	IAML			09:49	11.07	7	0.31	

April 25 2022 Time: 17:04 34.1 UTC Magnitude: 0.6 ML
Lat: 55.437 Lon: -3.424 Depth: 4.6 km
Grid Ref: 309.91 kmE 616.83 kmN RMS: 0.20 secs
Locality: TWEEDSMUIR,BORDERS
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 8KM SOUTH TWEEDSMUIR

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
ESK	HZ	19.3	EP			17:04	38.04			0.09
ESK	HN	19.3	ES			17:04	40.59			-0.14
ESK	HN	19.3	IAML			17:04	40.73	26	0.14	
ESK	HE	19.3	IAML			17:04	40.80	19	0.12	
NEWG	HZ	62.3	EP			17:04	44.43			-0.46
NEWG	HN	62.3	IAML			17:04	53.06	2	0.18	
NEWG	HE	62.3	IAML			17:04	54.26	1	0.08	
ESY	HZ	73.9	EP			17:04	46.79			0.08
ESY	HE	73.9	ES			17:04	55.58			-0.31
ESY	HN	73.9	IAML			17:04	56.71	2	0.12	
ESY	HE	73.9	IAML			17:04	57.02	2	0.07	
PGB1	HE	78.7	ES			17:04	57.15			0.02
PGB1	HE	78.7	IAML			17:04	57.67	5	0.15	
PGB1	HN	78.7	IAML			17:04	59.50	7	0.34	
KESW	HZ	96.6	EP			17:04	50.27			0.04
EAB	HZ	101.0	EP			17:04	51.33			0.36
EAB	HE	101.0	IAML			17:05	04.22	1	0.09	
EAB	HN	101.0	IAML			17:05	04.68	1	0.05	
EDMD	HN	115.0	ES			17:05	07.02			0.20
EDMD	HN	115.0	IAML			17:05	08.05	3	0.17	
EDMD	HE	115.0	IAML			17:05	08.15	5	0.20	
AQ12	HZ	119.0	EP			17:04	54.05			0.27
AQ12	HE	119.0	IAML			17:05	08.49	1	0.06	

TABLE 2 : PHASE DATA

AQ12	HN	119.0	IAML		17:05	09.62	1	0.12	

May 4 2022 Time: 18:07 01.8 UTC Magnitude: 1.0 ML
Lat: 52.626 Lon: -1.030 Depth: 11.3 km
Grid Ref: 465.65 kmE 303.62 kmN RMS: 0.10 secs
Locality: BUSHBY,LEICESTERSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
CWF	HZ	22.6	IP		D	18:07	06.22			-0.02
CWF	HN	22.6	ES			18:07	09.52			0.01
CWF	HE	22.6	IAML			18:07	09.88	28	0.18	
CWF	HN	22.6	IAML			18:07	09.90	23	0.17	
WACR	HZ	113.0	EP			18:07	20.00			0.01
WACR	HN	113.0	ES			18:07	33.29			-0.00
WACR	HN	113.0	IAML			18:07	33.45	4	0.23	
WACR	HE	113.0	IAML			18:07	34.63	4	0.17	
STRD	HN	122.0	ES			18:07	35.56			-0.14
HLM1	HZ	126.0	EP			18:07	21.89			-0.08
HLM1	HN	126.0	ES			18:07	36.69			-0.03
HLM1	HN	126.0	IAML			18:07	36.91	2	0.15	
HLM1	HE	126.0	IAML			18:07	36.92	3	0.11	
MONM	HN	150.0	ES			18:07	42.78			0.36
MONM	HN	150.0	IAML			18:07	43.22	4	0.31	
MONM	HE	150.0	IAML			18:07	43.24	3	0.17	
MCH1	HZ	151.0	EP			18:07	25.85			0.31
MCH1	HE	151.0	ES			18:07	42.87			-0.04
MCH1	HE	151.0	IAML			18:07	43.89	2	0.25	
MCH1	HN	151.0	IAML			18:07	45.73	2	0.13	

May 6 2022 Time: 07:31 05.3 UTC Magnitude: 0.8 ML
Lat: 57.120 Lon: -5.643 Depth: 2.6 km
Grid Ref: 179.49 kmE 809.10 kmN RMS: 0.60 secs
Locality: LOCH HOURN,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 5KM WSW ARNISDALE

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	24.4	IP		C	07:31	09.96			0.12
KPL	HN	24.4	ES			07:31	12.72			-0.47
KPL	HN	24.4	IAML			07:31	13.09	14	0.17	
KPL	HE	24.4	IAML			07:31	13.16	14	0.21	
LAWE	HE	96.9	ES			07:31	32.95			-0.36
LAWE	HE	96.9	IAML			07:31	36.70	7	0.14	
LAWE	HN	96.9	IAML			07:31	37.10	8	0.14	
LINV	HZ	117.0	EP			07:31	25.29			0.65
LINV	HE	117.0	IAML			07:31	40.50	2	0.16	
LINV	HN	117.0	IAML			07:31	41.46	1	0.24	
INVG	HZ	125.0	EP			07:31	26.14			0.36
INVG	HE	125.0	ES			07:31	39.83			-0.93
INVG	HN	125.0	IAML			07:31	41.83	2	0.19	
INVG	HE	125.0	IAML			07:31	43.44	1	0.28	
EAB	HZ	131.0	EP			07:31	27.26			0.48
EAB	HN	131.0	ES			07:31	43.28			0.78
EAB	HN	131.0	IAML			07:31	44.32	4	0.28	
EAB	HE	131.0	IAML			07:31	44.38	3	0.32	

May 6 2022 Time: 10:31 32.0 UTC Magnitude: 2.3 ML
Lat: 52.478 Lon: -0.590 Depth: 6.3 km
Grid Ref: 495.75 kmE 287.65 kmN RMS: 0.60 secs
Locality: CORBY,NORTHAMPTONSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: FELT CORBY... Intensity: 3

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
CWF	HZ	56.6	IP		D	10:31	41.53			-0.19
CWF	HE	56.6	ES			10:31	47.86			-0.97
CWF	HE	56.6	IAML			10:31	48.66	73	0.34	
CWF	HN	56.6	IAML			10:31	48.83	76	0.30	
STBN	CZ	59.8	EP			10:31	42.15			-0.04
STBN	CN	59.8	ES			10:31	49.17			-0.48
STBN	CE	59.8	IAML			10:31	49.94	60	0.21	
STBN	CN	59.8	IAML			10:31	50.11	52	0.15	
WACR	HN	87.0	ES			10:31	56.28			-0.66
WACR	HE	87.0	IAML			10:31	58.64	148	0.28	
WACR	HN	87.0	IAML			10:31	58.75	139	0.20	
LMK	HZ	110.0	EP			10:31	50.61			0.57
LMK	HN	110.0	ES			10:32	03.73			0.50
LMK	HE	110.0	IAML			10:32	07.41	137	0.40	
LMK	HN	110.0	IAML			10:32	07.54	88	0.30	
ELMS	HZ	116.0	EP			10:31	50.93			0.02
ELMS	HN	116.0	IAML			10:32	08.01	65	0.11	
ELMS	HE	116.0	IAML			10:32	08.90	41	0.26	
LBWR	HZ	128.0	EP			10:31	53.37			0.58
LBWR	HN	128.0	ES			10:32	08.46			0.48
LBWR	HE	128.0	IAML			10:32	11.97	51	0.23	
LBWR	HN	128.0	IAML			10:32	13.40	70	0.29	
STNC	HN	129.0	ES			10:32	08.58			0.48
STNC	HE	129.0	IAML			10:32	12.41	124	0.24	
STNC	HN	129.0	IAML			10:32	12.55	95	0.40	
AS02	HZ	152.0	EP			10:31	57.12			0.91
AS02	HN	152.0	IAML			10:32	16.04	82	0.22	
AS02	HE	152.0	IAML			10:32	16.19	75	0.26	
HLM1	HZ	156.0	EP			10:31	57.29			0.53
HLM1	HN	156.0	ES			10:32	15.15			0.30
HLM1	HE	156.0	IAML			10:32	15.83	83	0.14	
HLM1	HN	156.0	IAML			10:32	15.94	125	0.24	
MONM	HZ	167.0	EP			10:31	59.03			0.65
MONM	HN	167.0	ES			10:32	18.72			1.07
MONM	HN	167.0	IAML			10:32	20.09	56	0.28	
MONM	HE	167.0	IAML			10:32	23.23	54	0.28	
MCH1	HZ	173.0	EP			10:31	59.83			0.71
MCH1	HE	173.0	ES			10:32	19.63			0.71
MCH1	HN	173.0	IAML			10:32	20.48	80	0.30	
MCH1	HE	173.0	IAML			10:32	21.71	43	0.34	
HPK	HZ	179.0	EP			10:32	00.23			0.41
HPK	HE	179.0	IAML			10:32	23.67	56	0.20	
HPK	HN	179.0	IAML			10:32	24.16	62	0.20	
FOEL	HE	182.0	IAML			10:32	23.63	38	0.20	
FOEL	HN	182.0	IAML			10:32	24.15	51	0.32	
ELSH	HZ	190.0	EP			10:32	02.19			0.98
ELSH	HN	190.0	IAML			10:32	28.47	45	0.28	
ELSH	HE	190.0	IAML			10:32	28.77	32	0.36	
AR05	HE	193.0	IAML			10:32	27.77	52	0.42	
AR05	HN	193.0	IAML			10:32	29.78	38	0.38	
LLW	BZ	212.0	EP			10:32	04.40			0.41
LLW	BN	212.0	IAML			10:32	31.74	6	0.10	
LLW	BE	212.0	IAML			10:32	33.51	5	0.55	

May 6 2022 Time: 12:02 15.4 UTC Magnitude: 1.1 ML
Lat: 56.365 Lon: -5.475 Depth: 6.4 km
Grid Ref: 185.39 kmE 724.60 kmN RMS: 0.20 secs
Locality: OBAN,ARGYLL & BUTE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LAWE	HZ	12.6	IP		C	12:02	18.09			-0.07
LAWE	HE	12.6	ES			12:02	20.14			-0.02
LAWE	HN	12.6	IAML			12:02	20.23	208	0.09	
LAWE	HE	12.6	IAML			12:02	20.24	164	0.09	
EAB	HZ	73.1	EP			12:02	27.87			0.13
EAB	HN	73.1	ES			12:02	36.42			-0.31
EAB	HE	73.1	IAML			12:02	39.14	8	0.14	
EAB	HN	73.1	IAML			12:02	39.47	8	0.09	
PGB1	HE	87.2	ES			12:02	40.61			0.14
PGB1	HN	87.2	IAML			12:02	42.37	13	0.11	
PGB1	HE	87.2	IAML			12:02	42.39	11	0.14	
INVG	HZ	88.6	EP			12:02	30.48			0.34
INVG	HN	88.6	ES			12:02	40.82			-0.06
INVG	HE	88.6	IAML			12:02	43.28	5	0.10	
INVG	HN	88.6	IAML			12:02	43.39	5	0.07	
KPL	HZ	109.0	EP			12:02	33.10			-0.15
KPL	HE	109.0	ES			12:02	46.28			0.02
KPL	HE	109.0	IAML			12:02	48.03	5	0.18	
KPL	HN	109.0	IAML			12:02	48.07	4	0.12	
CLGH	HZ	148.0	EP			12:02	38.90			-0.19
CLGH	HN	148.0	IAML			12:02	58.09	3	0.23	
CLGH	HE	148.0	IAML			12:02	59.99	3	0.23	
NEWG	HN	159.0	IAML			12:02	59.74	2	0.25	
NEWG	HE	159.0	IAML			12:02	59.75	3	0.24	

May 7 2022 Time: 04:52 11.8 UTC Magnitude: 0.8 ML
Lat: 54.350 Lon: -2.274 Depth: 2.6 km
Grid Ref: 382.19 kmE 494.99 kmN RMS: 0.40 secs
Locality: COTTERDALE,N YORKSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AR09	HZ	17.6	IP		C	04:52	15.60			0.26
AR09	HN	17.6	ES			04:52	18.14			0.23
AR09	HE	17.6	IAML			04:52	18.27	168	0.07	
AR09	HN	17.6	IAML			04:52	18.43	168	0.06	
AS07	HZ	24.3	IP		C	04:52	16.43			-0.03
AS07	HN	24.3	ES			04:52	19.35			-0.51
AS07	HN	24.3	IAML			04:52	19.65	19	0.10	
AS07	HE	24.3	IAML			04:52	19.76	27	0.17	
AQ12	HZ	32.5	IP		C	04:52	17.84			-0.01
AQ12	HE	32.5	ES			04:52	21.63			-0.63
AQ12	HN	32.5	IAML			04:52	22.22	17	0.06	
AQ12	HE	32.5	IAML			04:52	22.23	14	0.05	
AS10	HZ	36.5	IP		C	04:52	18.64			0.17
AS10	HN	36.5	ES			04:52	23.29			-0.05
AS10	HN	36.5	IAML			04:52	23.53	32	0.12	
AS10	HE	36.5	IAML			04:52	23.71	35	0.22	
AR07	HZ	41.2	EP			04:52	19.39			0.10
AR07	HN	41.2	ES			04:52	24.54			-0.21
AR07	HE	41.2	IAML			04:52	24.62	18	0.07	
AR07	HN	41.2	IAML			04:52	25.36	18	0.27	
AR05	HZ	43.3	IP		D	04:52	19.54			-0.11
AR05	HN	43.3	ES			04:52	24.96			-0.41
AR05	HN	43.3	IAML			04:52	25.12	11	0.20	
AR05	HE	43.3	IAML			04:52	25.43	4	0.09	
EDMD	HZ	57.2	EP			04:52	21.89			0.03
EDMD	HE	57.2	ES			04:52	28.57			-0.62
EDMD	HN	57.2	IAML			04:52	28.98	13	0.11	
EDMD	HE	57.2	IAML			04:52	29.11	20	0.25	
KESW	HZ	60.1	IP		C	04:52	22.41			0.05
KESW	HE	60.1	ES			04:52	30.02			-0.03
KESW	HN	60.1	IAML			04:52	30.37	4	0.16	
KESW	HE	60.1	IAML			04:52	31.69	4	0.23	
HPK	HN	60.8	ES			04:52	29.79			-0.44
HPK	HE	60.8	IAML			04:52	30.55	6	0.11	
HPK	HN	60.8	IAML			04:52	34.20	8	0.10	

TABLE 2 : PHASE DATA

AP12	HN	64.8	ES		04:52	30.97			-0.31
AP12	HN	64.8	IAML		04:52	31.63	3	0.22	
AP12	HE	64.8	IAML		04:52	32.35	2	0.05	
AU11	HZ	89.0	EP		04:52	27.74			0.95
AS02	HZ	90.5	EP		04:52	27.84			0.76
AS02	HN	90.5	IAML		04:52	38.99	1	0.07	
AS02	HE	90.5	IAML		04:52	40.01	2	0.19	
LBWR	HZ	112.0	EP		04:52	30.61			0.26
LBWR	HN	112.0	IAML		04:52	45.67	2	0.06	
LBWR	HE	112.0	IAML		04:52	46.28	3	0.15	
ESK	HZ	123.0	EP		04:52	32.83			0.70
ESK	HE	123.0	ES		04:52	47.28			0.33
ESK	HN	123.0	IAML		04:52	48.45	1	0.18	
ESK	HE	123.0	IAML		04:52	48.51	2	0.17	

May 8 2022 Time: 05:01 37.6 UTC Magnitude: 1.0 ML
Lat: 57.128 Lon: -5.597 Depth: 3.1 km
Grid Ref: 182.32 kmE 809.84 kmN RMS: 0.40 secs
Locality: LOCH HOURN,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 2KM WSW ARNISDALE

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	23.8	IP		C	05:01	42.17			0.05
KPL	HN	23.8	ES			05:01	44.94			-0.47
KPL	HN	23.8	IAML			05:01	45.28	25	0.14	
KPL	HE	23.8	IAML			05:01	45.35	26	0.19	
LAWE	HZ	97.3	IP		D	05:01	54.08			0.20
LAWE	HZ	97.3	ES			05:02	05.46			-0.29
LAWE	HE	97.3	IAML			05:02	08.87	14	0.11	
LAWE	HN	97.3	IAML			05:02	09.27	14	0.10	
LINV	HZ	116.0	EP			05:01	57.36			0.60
LINV	HE	116.0	IAML			05:02	12.68	3	0.14	
LINV	HN	116.0	IAML			05:02	14.02	2	0.11	
INVG	HZ	123.0	EP			05:01	58.04			0.18
INVG	HN	123.0	ES			05:02	12.29			-0.35
INVG	HE	123.0	IAML			05:02	13.98	3	0.30	
INVG	HN	123.0	IAML			05:02	14.01	2	0.24	
EAB	HZ	130.0	EP			05:01	59.48			0.52
MCD	HZ	150.0	EP			05:02	01.58			-0.25
MCD	HN	150.0	IAML			05:02	21.58	4	0.20	
MCD	HE	150.0	IAML			05:02	21.58	4	0.22	
NEWG	HZ	239.0	EP			05:02	13.54			0.15

May 8 2022 Time: 05:15 12.8 UTC Magnitude: 0.9 ML
Lat: 57.151 Lon: -5.681 Depth: 3.0 km
Grid Ref: 177.38 kmE 812.67 kmN RMS: 0.30 secs
Locality: LOCH HOURN,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 7KM WNW ARNISDALE

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	21.0	IP		C	05:15	17.28			0.14
KPL	HN	21.0	ES			05:15	20.02			-0.27
KPL	HN	21.0	IAML			05:15	20.41	20	0.17	
KPL	HE	21.0	IAML			05:15	20.46	25	0.22	
LAWE	HZ	101.0	EP			05:15	29.76			0.51
LAWE	HN	101.0	ES			05:15	40.66			-0.59
LAWE	HE	101.0	IAML			05:15	44.08	8	0.15	
LAWE	HN	101.0	IAML			05:15	44.41	8	0.12	
LINV	HN	115.0	ES			05:15	44.65			-0.02
LINV	HN	115.0	IAML			05:15	47.18	1	0.23	
LINV	HE	115.0	IAML			05:15	47.19	3	0.22	
INVG	HZ	128.0	EP			05:15	33.38			0.13
INVG	HN	128.0	IAML			05:15	49.01	1	0.21	
INVG	HE	128.0	IAML			05:15	50.86	1	0.08	
EAB	HZ	135.0	EP			05:15	34.74			0.53
EAB	HE	135.0	ES			05:15	49.70			-0.12
EAB	HN	135.0	IAML			05:15	51.57	2	0.18	
EAB	HE	135.0	IAML			05:15	51.64	2	0.19	
MCD	HZ	154.0	EP			05:15	36.77			-0.10
MCD	HN	154.0	IAML			05:15	56.68	2	0.20	
MCD	HE	154.0	IAML			05:15	56.70	3	0.31	

May 8 2022 Time: 05:35 38.7 UTC Magnitude: 0.6 ML
Lat: 57.136 Lon: -5.592 Depth: 2.6 km
Grid Ref: 182.67 kmE 810.71 kmN RMS: 0.50 secs
Locality: LOCH HOURN,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 2KM WNW ARNISDALE

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	22.9	IP		C	05:35	42.89			-0.13
KPL	HN	22.9	ES			05:35	45.69			-0.49
KPL	HN	22.9	IAML			05:35	45.98	8	0.08	
KPL	HE	22.9	IAML			05:35	46.07	8	0.20	
LAWE	HZ	98.3	EP			05:35	55.82			0.69
LAWE	HE	98.3	ES			05:36	06.67			-0.46
LAWE	HE	98.3	IAML			05:36	09.60	4	0.09	
LAWE	HN	98.3	IAML			05:36	10.00	4	0.08	
LINV	HE	115.0	ES			05:36	12.20			0.62
LINV	HE	115.0	IAML			05:36	13.24	1	0.32	
LINV	HN	115.0	IAML			05:36	14.76	1	0.20	
INVG	HZ	123.0	EP			05:35	59.28			0.26
INVG	HN	123.0	ES			05:36	13.18			-0.69
INVG	HE	123.0	IAML			05:36	14.72	1	0.28	
INVG	HN	123.0	IAML			05:36	14.93	1	0.21	
EAB	HZ	131.0	EP			05:36	00.55			0.39
EAB	HN	131.0	IAML			05:36	17.23	2	0.26	
EAB	HE	131.0	IAML			05:36	17.27	2	0.27	
MCD	HE	149.0	IAML			05:36	22.41	2	0.28	
MCD	HN	149.0	IAML			05:36	22.44	2	0.32	

May 8 2022 Time: 12:12 34.8 UTC Magnitude: 1.6 ML
Lat: 57.132 Lon: -5.616 Depth: 3.7 km
Grid Ref: 181.19 kmE 810.35 kmN RMS: 0.30 secs
Locality: LOCH HOURN,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 3KM WSW ARNISDALE

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	23.2	IP		C	12:12	39.37			0.15
KPL	HN	23.2	ES			12:12	42.12			-0.32
KPL	HN	23.2	IAML			12:12	42.51	114	0.17	
KPL	HE	23.2	IAML			12:12	42.57	171	0.24	
LAWE	HZ	97.9	IP		C	12:12	51.20			0.08
LAWE	HN	97.9	ES			12:13	02.73			-0.30
LAWE	HE	97.9	IAML			12:13	06.12	44	0.16	
LAWE	HN	97.9	IAML			12:13	07.35	38	0.24	
LINV	HZ	116.0	EP			12:12	54.16			0.28
INVG	HZ	124.0	EP			12:12	55.24			0.04
INVG	HN	124.0	IAML			12:13	13.50	5	0.14	
INVG	HE	124.0	IAML			12:13	13.62	6	0.12	
EAB	HZ	131.0	EP			12:12	56.70			0.42
EAB	HN	131.0	IAML			12:13	13.68	15	0.27	
EAB	HE	131.0	IAML			12:13	13.72	10	0.28	
MCD	HN	151.0	ES			12:13	16.37			-0.46
PGB1	HZ	163.0	EP			12:13	01.17			0.39
BIGH	HZ	182.0	EP			12:13	04.45			1.07
DRUM	HZ	192.0	EP	4		12:13	06.24			1.68
DRUM	HN	192.0	IAML			12:13	30.76	13	0.16	
DRUM	HE	192.0	IAML			12:13	31.07	8	0.26	
NEWG	HZ	240.0	EP			12:13	10.53			-0.09
ESK	HZ	251.0	EP			12:13	11.91			-0.13

May 8 2022 Time: 14:18 09.1 UTC Magnitude: 0.7 ML
Lat: 57.136 Lon: -5.585 Depth: 4.4 km
Grid Ref: 183.09 kmE 810.69 kmN RMS: 0.40 secs
Locality: LOCH HOURN,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 1KM WNW ARNISDALE

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	23.0	IP		C	14:18	13.61			0.12
KPL	HN	23.0	ES			14:18	16.37			-0.32
KPL	HN	23.0	IAML			14:18	16.74	18	0.18	
KPL	HE	23.0	IAML			14:18	16.79	25	0.21	
LAWE	HZ	98.2	EP			14:18	25.53			0.11
LAWE	HN	98.2	ES			14:18	36.99			-0.33
LAWE	HN	98.2	IAML			14:18	40.15	5	0.14	
LAWE	HE	98.2	IAML			14:18	40.38	7	0.22	
LINV	HE	115.0	ES			14:18	41.90			0.11
LINV	HE	115.0	IAML			14:18	43.65	2	0.18	
LINV	HN	115.0	IAML			14:18	44.47	1	0.11	
INVG	HZ	123.0	EP			14:18	29.69			0.42
INVG	HN	123.0	ES			14:18	43.51			-0.48
INVG	HN	123.0	IAML			14:18	46.82	1	0.25	
INVG	HE	123.0	IAML			14:18	47.34	1	0.21	
PITL	HN	126.0	ES			14:18	44.71			-0.12
PITL	HN	126.0	IAML			14:18	44.89	2	0.27	
PITL	HE	126.0	IAML			14:18	46.35	3	0.03	
EAB	HZ	130.0	EP			14:18	31.30			0.89
EAB	HN	130.0	IAML			14:18	47.49	2	0.14	
EAB	HE	130.0	IAML			14:18	47.67	1	0.10	

May 9 2022 Time: 20:57 47.5 UTC Magnitude: 1.0 ML
Lat: 53.024 Lon: -2.278 Depth: 17.6 km
Grid Ref: 381.36 kmE 347.48 kmN RMS: 0.40 secs
Locality: SILVERDALE,STAFFS
Velocity model: Lownet Xnear: 100.0 Xfar: 150.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
STNC	HN	8.9	ES			20:57	53.46			-0.02
STNC	HE	8.9	IAML			20:57	53.63	38	0.07	
STNC	HN	8.9	IAML			20:57	53.70	19	0.08	
AS02	HZ	62.2	EP			20:57	57.98			-0.18
AS02	HN	62.2	ES			20:58	05.41			-0.54
AS02	HN	62.2	IAML			20:58	05.71	13	0.18	
AS02	HE	62.2	IAML			20:58	05.83	9	0.18	
FOEL	HZ	63.7	EP			20:57	58.32			-0.09
HLM1	HZ	69.4	EP			20:57	59.19			-0.03
HLM1	HN	69.4	ES			20:58	07.44			-0.34
HLM1	HE	69.4	IAML			20:58	08.62	6	0.24	
HLM1	HN	69.4	IAML			20:58	09.19	3	0.18	
CWF	HZ	72.6	EP			20:58	00.06			0.42
CWF	HN	72.6	ES			20:58	08.33			-0.18
CWF	HE	72.6	IAML			20:58	09.44	5	0.16	
CWF	HN	72.6	IAML			20:58	09.92	7	0.13	
AR05	HE	109.0	ES			20:58	17.94			0.42
AR05	HN	109.0	IAML			20:58	18.26	10	0.24	
AR05	HE	109.0	IAML			20:58	18.22	9	0.27	
AR07	HN	109.0	ES			20:58	18.00			0.53
AR07	HN	109.0	IAML			20:58	18.91	9	0.24	
AR07	HE	109.0	IAML			20:58	19.04	6	0.20	

TABLE 2 : PHASE DATA

MCH1	HN	124.0	ES		20:58	22.46			1.20
MCH1	HN	124.0	IAML		20:58	23.65	5	0.32	
MCH1	HE	124.0	IAML		20:58	23.96	3	0.22	

May 10 2022 Time: 00:40 52.7 UTC Magnitude: 2.1 ML
Lat: 52.480 Lon: -0.584 Depth: 7.1 km
Grid Ref: 496.15 kmE 287.88 kmN RMS: 0.60 secs
Locality: CORBY,NORTHAMPTONSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: FELT OUNDLE... Intensity: 3

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
CWF	HZ	56.8	IP	D	00:41	02.06			-0.34
CWF	HN	56.8	ES		00:41	08.52			-0.98
CWF	HE	56.8	IAML		00:41	08.97	46	0.19	
CWF	HN	56.8	IAML		00:41	09.24	58	0.08	
WACR	HZ	86.6	EP		00:41	06.83			-0.15
WACR	HE	86.6	ES		00:41	16.90			-0.52
WACR	HN	86.6	IAML		00:41	19.10	87	0.10	
WACR	HE	86.6	IAML		00:41	19.25	100	0.28	
LMK	HZ	110.0	EP		00:41	11.53			0.88
LMK	HN	110.0	ES		00:41	24.30			0.53
LMK	HN	110.0	IAML		00:41	27.75	88	0.18	
LMK	HE	110.0	IAML		00:41	28.04	97	0.42	
ELMS	HZ	116.0	EP		00:41	11.44			-0.06
ELMS	HE	116.0	ES		00:41	25.11			-0.13
ELMS	HN	116.0	IAML		00:41	26.43	56	0.31	
ELMS	HE	116.0	IAML		00:41	29.50	24	0.28	
LBWR	HZ	128.0	EP		00:41	13.98			0.55
LBWR	HE	128.0	ES		00:41	28.51			-0.07
LBWR	HE	128.0	IAML		00:41	31.52	32	0.17	
LBWR	HN	128.0	IAML		00:41	33.59	35	0.43	
SWN1	HZ	136.0	EP		00:41	15.58			1.03
BRDL	HZ	145.0	EP	4	00:41	17.45			1.60
BRDL	HN	145.0	IAML		00:41	34.71	53	0.29	
BRDL	HE	145.0	IAML		00:41	36.57	39	0.32	
AS02	HZ	152.0	EP		00:41	17.80			0.95
HLM1	HZ	156.0	IP	D	00:41	17.88			0.44
HLM1	HE	156.0	ES		00:41	35.60			0.09
HLM1	HN	156.0	IAML		00:41	36.46	55	0.35	
HLM1	HE	156.0	IAML		00:41	36.52	34	0.23	
ELSH	HZ	190.0	EP		00:41	22.81			1.02

May 10 2022 Time: 23:16 55.4 UTC Magnitude: 0.8 ML
Lat: 57.144 Lon: -5.627 Depth: 7.4 km
Grid Ref: 180.60 kmE 811.72 kmN RMS: 0.40 secs
Locality: LOCH HOURN,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 4KM WNW ARNISDALE

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	21.7	IP	C	23:16	59.73			0.12
KPL	HN	21.7	ES		23:17	02.44			-0.25
KPL	HE	21.7	IAML		23:17	02.88	13	0.15	
KPL	HN	21.7	IAML		23:17	02.89	16	0.13	
LAWE	HZ	99.4	EP		23:17	11.68			0.00
LAWE	HN	99.4	ES		23:17	23.25			-0.32
LAWE	HE	99.4	IAML		23:17	26.56	9	0.14	
LAWE	HN	99.4	IAML		23:17	27.14	7	0.09	
LINV	HN	115.0	IAML		23:17	29.56	1	0.16	
LINV	HE	115.0	IAML		23:17	29.75	2	0.18	
INVG	HZ	125.0	EP		23:17	16.15			0.44
INVG	HN	125.0	IAML		23:17	31.44	1	0.25	
INVG	HE	125.0	IAML		23:17	31.87	1	0.12	
PITL	HZ	129.0	EP		23:17	16.35			0.17
PITL	HE	129.0	ES		23:17	30.88			-0.49
PITL	HE	129.0	IAML		23:17	32.45	2	0.10	
PITL	HN	129.0	IAML		23:17	32.49	2	0.15	
EAB	HZ	133.0	EP		23:17	17.55			0.82
EAB	HE	133.0	IAML		23:17	33.95	3	0.24	
EAB	HN	133.0	IAML		23:17	34.16	3	0.20	

May 11 2022 Time: 15:43 49.9 UTC Magnitude: 0.8 ML
Lat: 57.149 Lon: -5.651 Depth: 7.4 km
Grid Ref: 179.18 kmE 812.35 kmN RMS: 0.10 secs
Locality: LOCH HOURN,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 5KM WNW ARNISDALE

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	21.2	IP	C	15:43	54.16			0.12
KPL	HN	21.2	ES		15:43	57.02			-0.04
KPL	HN	21.2	IAML		15:43	57.30	17	0.11	
KPL	HE	21.2	IAML		15:43	57.37	26	0.19	
LAWE	HE	100.0	ES		15:44	18.21			-0.09
LAWE	HE	100.0	IAML		15:44	20.76	7	0.08	
LAWE	HN	100.0	IAML		15:44	21.18	6	0.16	
LINV	HE	114.0	ES		15:44	22.00			-0.08
LINV	HE	114.0	IAML		15:44	24.12	3	0.23	
LINV	HN	114.0	IAML		15:44	25.26	1	0.13	
INVG	HZ	127.0	EP		15:44	10.48			0.03
INVG	HN	127.0	IAML		15:44	25.60	1	0.17	
INVG	HE	127.0	IAML		15:44	27.08	2	0.14	
EAB	HZ	134.0	EP		15:44	11.57			0.13
EAB	HN	134.0	IAML		15:44	28.38	1	0.13	
EAB	HE	134.0	IAML		15:44	28.58	1	0.08	

May 11 2022 Time: 21:33 03.9 UTC Magnitude: 0.9 ML
Lat: 55.089 Lon: -3.171 Depth: 2.6 km
Grid Ref: 325.27 kmE 577.81 kmN RMS: 0.50 secs
Locality: WATERBECK,D & G
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
ESK	HZ	25.4	EP		21:33	08.70			0.04
ESK	HN	25.4	ES		21:33	12.06			-0.10
ESK	HN	25.4	IAML		21:33	12.51	9	0.28	
ESK	HE	25.4	IAML		21:33	12.86	15	0.24	
EKA	BZ	27.2	EP		21:33	08.95			-0.03
EKA	BZ	27.2	ES		21:33	12.44			-0.27
KESW	HZ	55.9	EP		21:33	13.02			-0.72
KESW	HE	55.9	IAML		21:33	21.94	4	0.42	
KESW	HN	55.9	IAML		21:33	24.86	2	0.32	
NEWG	HE	67.7	IAML		21:33	23.62	3	0.24	
NEWG	HN	67.7	IAML		21:33	24.09	3	0.30	
AQ12	HZ	77.5	EP		21:33	17.77			0.66
AQ12	HE	77.5	IAML		21:33	28.67	7	0.07	
AQ12	HN	77.5	IAML		21:33	28.70	6	0.20	
EDMD	HN	82.6	IAML		21:33	32.01	5	0.32	
EDMD	HE	82.6	IAML		21:33	32.72	4	0.16	
ESY	HE	98.7	IAML		21:33	35.52	10	0.26	
ESY	HN	98.7	IAML		21:33	35.99	7	0.19	
GAL1	HZ	102.0	EP		21:33	20.63			-0.19
GAL1	HE	102.0	ES		21:33	33.11			-0.08
GAL1	HE	102.0	IAML		21:33	33.64	4	0.42	
GAL1	HN	102.0	IAML		21:33	35.21	9	0.18	
PGB1	HZ	116.0	EP		21:33	23.94			0.95
PGB1	HE	116.0	IAML		21:33	39.46	9	0.18	
PGB1	HN	116.0	IAML		21:33	39.88	7	0.50	

May 12 2022 Time: 03:57 24.9 UTC Magnitude: 2.2 ML
Lat: 53.119 Lon: -0.042 Depth: 14.1 km
Grid Ref: 531.02 kmE 359.80 kmN RMS: 0.30 secs
Locality: MAREHAM-LE-FEN,LINCS
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 3KM ESE MAREHAM

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
LMK	HZ	42.1	EP		03:57	32.55			0.14
LMK	HE	42.1	ES		03:57	37.90			0.02
LMK	HN	42.1	IAML		03:57	38.87	657	0.22	
LMK	HE	42.1	IAML		03:57	38.94	372	0.20	
WACR	HZ	62.9	EP		03:57	35.73			0.15
WACR	HN	62.9	ES		03:57	43.23			-0.15
WACR	HE	62.9	IAML		03:57	45.04	128	0.12	
WACR	HN	62.9	IAML		03:57	45.53	141	0.10	
STBN	CZ	86.9	EP		03:57	39.28			0.01
STBN	CN	86.9	IAML		03:57	51.23	31	0.26	
STBN	CE	86.9	IAML		03:57	52.51	28	0.16	
CWF	HZ	95.1	EP		03:57	40.35			-0.12
CWF	HN	95.1	ES		03:57	52.12			0.28
CWF	HE	95.1	IAML		03:57	53.01	30	0.14	
CWF	HN	95.1	IAML		03:57	53.02	32	0.12	
LBWR	HZ	117.0	EP		03:57	42.92			-0.66
LBWR	HN	117.0	IAML		03:57	58.28	143	0.28	
LBWR	HE	117.0	IAML		03:57	58.58	96	0.30	
ELMS	HZ	134.0	EP		03:57	46.08			0.09
ELMS	HE	134.0	IAML		03:58	03.67	58	0.48	
ELMS	HN	134.0	IAML		03:58	04.97	74	0.32	
AS02	HZ	138.0	EP		03:57	46.70			0.04
AS02	HE	138.0	IAML		03:58	05.26	41	0.36	
AS02	HN	138.0	IAML		03:58	05.51	67	0.16	
HPK	HZ	140.0	EP		03:57	46.67			-0.29
HPK	HE	140.0	ES		03:58	02.86			-0.20
HPK	HE	140.0	IAML		03:58	03.94	68	0.33	
HPK	HN	140.0	IAML		03:58	04.19	107	0.44	
STNC	HE	145.0	IAML		03:58	08.91	30	0.34	
STNC	HN	145.0	IAML		03:58	14.42	33	0.32	
SIZE	CN	150.0	IAML		03:58	07.03	45	0.17	
SIZE	CE	150.0	IAML		03:58	08.88	47	0.20	
GDLE	HZ	154.0	EP		03:57	49.64			0.79
GDLE	HN	154.0	IAML		03:58	10.41	54	0.26	
GDLE	HE	154.0	IAML		03:58	10.59	38	0.32	
AT10	HZ	158.0	EP		03:57	49.73			0.28
AT10	HN	158.0	IAML		03:58	16.55	48	0.34	
AT10	HE	158.0	IAML		03:58	16.86	27	0.32	
AR05	HN	163.0	ES		03:58	08.64			0.24
AR05	HE	163.0	IAML		03:58	12.15	44	0.38	
AR05	HN	163.0	IAML		03:58	13.01	48	0.22	
AS07	HZ	178.0	EP		03:57	51.96			0.02
AS07	HE	178.0	IAML		03:58	13.60	23	0.32	
AS07	HN	178.0	IAML		03:58	18.15	30	0.22	
AR09	HN	201.0	IAML		03:58	21.62	105	0.36	
AR09	HE	201.0	IAML		03:58	22.20	96	0.36	
HLM1	HZ	203.0	EP		03:57	54.72			-0.33
HLM1	HE	203.0	IAML		03:58	28.48	11	0.22	
HLM1	HN	203.0	IAML		03:58	28.72	11	0.36	
FOEL	HZ	214.0	EP		03:57	56.08			-0.32
FOEL	HN	214.0	IAML		03:58	32.10	14	0.58	
FOEL	HE	214.0	IAML		03:58	32.24	10	0.42	
EDMD	HZ	228.0	EP		03:57	58.60			0.43
EDMD	HN	228.0	IAML		03:58	29.67	31	0.20	
EDMD	HE	228.0	IAML		03:58	30.04	24	0.24	

TABLE 2 : PHASE DATA

AQ12	HE	231.0	IAML		03:58	29.17	13	0.32	
AQ12	HN	231.0	IAML		03:58	29.76	8	0.16	
MCH1	HZ	236.0	EP		03:57	58.27			-0.91
MCH1	HE	236.0	IAML		03:58	35.55	10	0.32	
MCH1	HN	236.0	IAML		03:58	36.39	7	0.18	
KESW	HE	260.0	IAML		03:58	39.43	12	0.56	
KESW	HN	260.0	IAML		03:58	43.89	13	0.40	

May 12 2022 Time: 21:04 25.8 UTC Magnitude: 0.7 ML
Lat: 52.336 Lon: -4.023 Depth: 8.1 km
Grid Ref: 262.18 kmE 272.85 kmN RMS: 0.20 secs
Locality: LLANILAR,CEREDIGION
Velocity model: Lownet Xnear: 75.0 Xfar: 150.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LLW	BZ	62.0	EP			21:04	36.45			0.12
LLW	BE	62.0	ES			21:04	43.78			-0.20
LLW	BN	62.0	IAML			21:04	44.45	2	0.15	
LLW	BE	62.0	IAML			21:04	44.64	4	0.25	
RSBS	HZ	65.3	EP			21:04	36.73			-0.12
RSBS	HE	65.3	IAML			21:04	46.43	4	0.06	
RSBS	HN	65.3	IAML			21:04	47.37	4	0.10	
MCH1	HZ	79.6	EP			21:04	38.87			-0.20
MCH1	HN	79.6	ES			21:04	48.63			-0.10
MCH1	HN	79.6	IAML			21:04	48.78	2	0.23	
MCH1	HE	79.6	IAML			21:04	48.83	2	0.20	
HLM1	HZ	80.3	EP			21:04	39.35			0.13
HLM1	HN	80.3	ES			21:04	48.72			-0.26
HLM1	HE	80.3	IAML			21:04	48.94	2	0.26	
HLM1	HN	80.3	IAML			21:04	49.34	6	0.10	
FOEL	HZ	83.1	EP			21:04	39.90			0.25
MONM	HZ	100.0	EP			21:04	42.63			0.38
MONM	HE	100.0	ES			21:04	54.69			0.47
MONM	HN	100.0	IAML			21:04	54.86	5	0.28	
MONM	HE	100.0	IAML			21:04	54.99	4	0.50	
WLF1	HZ	109.0	EP			21:04	43.68			0.09
WLF1	HE	109.0	ES			21:04	56.44			-0.11
WLF1	HN	109.0	IAML			21:04	56.71	2	0.23	
WLF1	HE	109.0	IAML			21:04	57.21	3	0.39	

May 17 2022 Time: 23:00 56.9 UTC Magnitude: 1.1 ML
Lat: 53.040 Lon: -5.451 Depth: 6.7 km
Grid Ref: 168.68 kmE 354.79 kmN RMS: 0.40 secs
Locality: IRISH SEA
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 65KM WSW HOLYHEAD

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
DSB	HZ	66.0	IP		D	23:01	08.37			0.37
DSB	HN	66.0	ES			23:01	15.46			-0.66
DSB	HE	66.0	IAML			23:01	16.70	4	0.26	
DSB	HN	66.0	IAML			23:01	16.71	10	0.48	
WPS	HZ	75.2	EP			23:01	09.77			0.33
WPS	HN	75.2	ES			23:01	18.15			-0.46
WPS	HE	75.2	IAML			23:01	18.91	14	0.32	
WPS	HN	75.2	IAML			23:01	19.55	12	0.29	
WLF1	HZ	75.8	EP			23:01	09.84			0.30
WLF1	HN	75.8	ES			23:01	18.43			-0.35
WLF1	HN	75.8	IAML			23:01	19.02	15	0.11	
WLF1	HE	75.8	IAML			23:01	19.43	8	0.26	
LLW	BE	122.0	ES			23:01	31.04			-0.15
LLW	BE	122.0	IAML			23:01	31.68	5	0.40	
LLW	BN	122.0	IAML			23:01	33.18	4	0.35	
ILTH	HZ	125.0	EP			23:01	17.60			0.50
ILTH	HN	125.0	ES			23:01	32.02			0.15
IOMK	HZ	148.0	EP			23:01	21.20			0.73

May 18 2022 Time: 23:51 34.8 UTC Magnitude: 1.4 ML
Lat: 53.628 Lon: -1.107 Depth: 7.6 km
Grid Ref: 459.05 kmE 415.00 kmN RMS: 0.30 secs
Locality: MOSS,SOUTH YORKSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 150.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AU05	HZ	30.0	EP			23:51	40.14			-0.19
AU05	HN	30.0	ES			23:51	44.16			-0.18
AU05	HE	30.0	IAML			23:51	44.76	134	0.42	
AU05	HN	30.0	IAML			23:51	44.89	143	0.33	
LBWR	HZ	48.1	IP		C	23:51	43.25			0.06
LBWR	HE	48.1	ES			23:51	49.34			0.04
LBWR	HE	48.1	IAML			23:51	49.94	25	0.19	
LBWR	HN	48.1	IAML			23:51	50.35	46	0.35	
HPK	HZ	50.1	EP			23:51	43.31			-0.17
HPK	HN	50.1	ES			23:51	49.28			-0.51
HPK	HE	50.1	IAML			23:51	51.81	15	0.17	
HPK	HN	50.1	IAML			23:51	51.84	23	0.16	
AU07	HZ	54.7	EP			23:51	44.45			0.28
AU07	HN	54.7	ES			23:51	50.80			-0.18
AU07	HN	54.7	IAML			23:51	51.53	48	0.15	
AU07	HE	54.7	IAML			23:51	51.83	51	0.15	
LMK	HZ	55.2	EP			23:51	44.09			-0.16
LMK	HN	55.2	ES			23:51	50.99			-0.14
LMK	HN	55.2	IAML			23:51	52.98	30	0.20	
LMK	HE	55.2	IAML			23:51	53.04	16	0.17	
AS02	HZ	58.7	EP			23:51	45.03			0.20
AS02	HN	58.7	ES			23:51	51.44			-0.69
AS02	HN	58.7	IAML			23:51	52.00	22	0.21	
AS02	HE	58.7	IAML			23:51	52.53	17	0.11	
AU08	HZ	62.5	EP			23:51	45.54			0.15
AU08	HE	62.5	IAML			23:51	54.29	11	0.23	
AU08	HN	62.5	IAML			23:51	54.37	12	0.21	
AU11	HZ	64.4	EP			23:51	45.89			0.23
AU11	HN	64.4	IAML			23:51	55.04	6	0.13	
AU11	HE	64.4	IAML			23:51	55.20	9	0.10	
AR05	HZ	72.3	IP		D	23:51	46.81			-0.13
AR05	HE	72.3	IAML			23:51	57.28	15	0.17	
AR05	HN	72.3	IAML			23:51	57.92	17	0.10	
AU18	HZ	73.8	EP			23:51	47.21			0.08
AU18	HE	73.8	IAML			23:51	56.88	18	0.42	
AU18	HN	73.8	IAML			23:51	57.04	16	0.34	
AR01	HZ	82.2	EP			23:51	48.87			0.40
AR01	HE	82.2	IAML			23:52	00.45	20	0.18	
AR01	HN	82.2	IAML			23:52	00.72	21	0.11	
AT10	HE	82.7	ES			23:51	58.33			-0.24
AT10	HN	82.7	IAML			23:52	00.39	19	0.66	
AT10	HE	82.7	IAML			23:52	00.60	22	0.26	
AS07	HZ	88.4	EP			23:51	49.40			-0.06
AS07	HE	88.4	IAML			23:52	01.97	11	0.16	
AS07	HN	88.4	IAML			23:52	02.43	18	0.36	
GDLE	HZ	90.4	EP			23:51	49.97			0.24
GDLE	HE	90.4	IAML			23:52	00.98	21	0.36	
GDLE	HN	90.4	IAML			23:52	04.10	27	0.34	
STNC	HZ	94.4	EP			23:51	50.86			0.50
STNC	HN	94.4	IAML			23:52	03.95	8	0.10	
STNC	HE	94.4	IAML			23:52	04.41	10	0.30	
AR07	HZ	98.0	EP			23:51	51.25			0.34
AR07	HE	98.0	IAML			23:52	04.30	37	0.26	
AR07	HN	98.0	IAML			23:52	04.64	32	0.32	
CWF	HZ	99.9	EP			23:51	51.30			0.10
CWF	HE	99.9	ES			23:52	02.68			-0.46
CWF	HE	99.9	IAML			23:52	04.23	9	0.12	
CWF	HN	99.9	IAML			23:52	04.82	8	0.11	
AR09	HZ	110.0	EP			23:51	53.13			0.32
AR09	HN	110.0	IAML			23:52	06.66	51	0.11	
AR09	HE	110.0	IAML			23:52	07.74	62	0.10	
AS10	HZ	113.0	EP			23:51	53.76			0.50
AS10	HE	113.0	IAML			23:52	07.48	20	0.22	
AS10	HN	113.0	IAML			23:52	07.99	22	0.16	
AQ12	HZ	140.0	EP			23:51	57.36			0.05
AQ12	HN	140.0	IAML			23:52	14.63	5	0.20	
AQ12	HE	140.0	IAML			23:52	15.76	8	0.07	
EDMD	HZ	145.0	EP			23:51	58.76			0.87
EDMD	HE	145.0	ES			23:52	14.54			-0.18
EDMD	HE	145.0	IAML			23:52	16.33	11	0.16	
EDMD	HN	145.0	IAML			23:52	16.92	11	0.11	

May 20 2022 Time: 10:22 17.8 UTC Magnitude: 1.1 ML
Lat: 52.844 Lon: -2.639 Depth: 8.7 km
Grid Ref: 356.97 kmE 327.62 kmN RMS: 0.20 secs
Locality: WEM,SHROPSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
FOEL	HZ	38.1	EP			10:22	24.81			0.18
FOEL	HN	38.1	ES			10:22	29.63			0.01
FOEL	HN	38.1	IAML			10:22	31.01	19	0.30	
FOEL	HE	38.1	IAML			10:22	31.06	13	0.20	
HLM1	HZ	39.8	EP			10:22	24.71			-0.17
HLM1	HE	39.8	ES			10:22	29.70			-0.36
HLM1	HE	39.8	IAML			10:22	30.38	20	0.28	
HLM1	HN	39.8	IAML			10:22	31.02	11	0.12	
STNC	HZ	40.0	EP			10:22	24.80			-0.08
LBWR	HZ	87.1	EP			10:22	32.29			0.09
LBWR	HE	87.1	ES			10:22	42.57			-0.16
LBWR	HN	87.1	IAML			10:22	44.49	4	0.14	
LBWR	HE	87.1	IAML			10:22	47.44	5	0.22	
CWF	HZ	90.6	EP			10:22	32.72			0.01
CWF	HN	90.6	IAML			10:22	42.86	10	0.28	
CWF	HE	90.6	IAML			10:22	43.25	5	0.22	
MCH1	HZ	97.3	EP			10:22	33.82			0.06
MCH1	HN	97.3	ES			10:22	45.21			-0.21
MCH1	HN	97.3	IAML			10:22	45.55	7	0.27	
MCH1	HE	97.3	IAML			10:22	46.48	5	0.22	
MONM	HZ	112.0	EP			10:22	36.62			0.54
MONM	HN	112.0	ES			10:22	49.75			0.32
MONM	HN	112.0	IAML			10:22	52.81	7	0.20	
MONM	HE	112.0	IAML			10:22	53.51	8	0.21	
WLF1	HN	128.0	ES			10:22	53.25			-0.07
WLF1	HN	128.0	IAML			10:22	53.72	6	0.21	
WLF1	HE	128.0	IAML			10:22	56.41	5	0.11	

May 20 2022 Time: 17:59 29.8 UTC Magnitude: 1.4 ML
Lat: 55.566 Lon: -9.627 Depth: 12.1 km
Grid Ref: -80.43 kmE 656.69 kmN RMS: 0.10 secs
Locality: NORTH ATLANTIC OCEAN
Velocity model: Lownet Xnear: 200.0 Xfar: 300.0
Comment: 95KM NW IRELAND

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
IDGL	HZ	145.0	EP			17:59	52.65			0.09
IDGL	HN	145.0	ES			18:00	09.11			-0.05
CLGH	HZ	230.0	EP			18:00	03.12			-0.18
CLGH	HN	230.0	ES			18:00	27.83			0.10

TABLE 2 : PHASE DATA

CLGH	HN	230.0	IAML		18:00	30.73	3	0.90	
CLGH	HE	230.0	IAML		18:00	31.92	2	0.49	
LAWE	HN	275.0	ES		18:00	37.60			0.00
LAWE	HN	275.0	IAML		18:00	40.24	2	1.12	
LAWE	HE	275.0	IAML		18:00	41.77	2	1.02	

May 21 2022 Time: 07:47 43.3 UTC Magnitude: 1.8 ML
Lat: 56.388 Lon: -5.474 Depth: 8.7 km
Grid Ref: 185.58 kmE 727.15 kmN RMS: 0.30 secs
Locality: OBAN,ARGYLL & BUTE
Velocity model: Lownet Xnear: 100.0 Xfar: 180.0
Comment: FELT OBAN... Intensity: 3

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
LAWE	HZ	15.0	IP	C	07:47	46.54			-0.01
LAWE	HN	15.0	ES		07:47	48.68			-0.23
LAWE	HN	15.0	IAML		07:47	48.78	485	0.09	
LAWE	HE	15.0	IAML		07:47	48.89	519	0.25	
EAB	HZ	73.8	EP		07:47	55.95			0.29
EAB	HN	73.8	ES		07:48	04.74			0.07
EAB	HE	73.8	IAML		07:48	08.32	67	0.15	
EAB	HN	73.8	IAML		07:48	08.73	46	0.14	
INVG	HZ	88.4	EP		07:47	57.99			0.07
INVG	HE	88.4	ES		07:48	08.34			-0.24
INVG	HN	88.4	IAML		07:48	11.44	20	0.09	
INVG	HE	88.4	IAML		07:48	11.49	19	0.16	
GVIE	HZ	97.1	EP		07:47	59.56			0.22
GVIE	HE	97.1	IAML		07:48	12.98	25	0.16	
GVIE	HN	97.1	IAML		07:48	13.07	17	0.17	
KPL	HZ	106.0	EP		07:48	01.06			0.40
KPL	HE	106.0	ES		07:48	12.79			-0.54
KPL	HE	106.0	IAML		07:48	16.08	23	0.19	
KPL	HN	106.0	IAML		07:48	16.27	18	0.17	
PITL	HZ	125.0	EP		07:48	03.87			0.37
PITL	HN	125.0	ES		07:48	17.86			-0.38
PITL	HE	125.0	IAML		07:48	20.61	32	0.14	
PITL	HN	125.0	IAML		07:48	22.37	22	0.16	
CLGH	HZ	151.0	EP		07:48	06.79			-0.38
CLGH	HN	151.0	IAML		07:48	28.42	13	0.18	
CLGH	HE	151.0	IAML		07:48	29.26	14	0.30	
GAL1	HZ	176.0	EP		07:48	10.50			-0.06
GAL1	HN	176.0	IAML		07:48	34.71	6	0.16	
GAL1	HE	176.0	IAML		07:48	35.19	10	0.32	
TARL	HZ	181.0	EP		07:48	11.48			0.29
TARL	HE	181.0	IAML		07:48	35.57	32	0.22	
TARL	HN	181.0	IAML		07:48	36.95	29	0.10	
ESK	HZ	186.0	EP		07:48	12.23			0.46
ESK	HN	186.0	IAML		07:48	37.21	7	0.26	
ESK	HE	186.0	IAML		07:48	37.43	7	0.25	
DRUM	HZ	192.0	EP		07:48	12.78			0.17
DRUM	HE	192.0	IAML		07:48	39.00	8	0.25	
DRUM	HN	192.0	IAML		07:48	40.14	13	0.31	
LINV	HZ	197.0	EP		07:48	13.00			-0.11
LINV	HE	197.0	IAML		07:48	38.13	6	0.56	
LINV	HN	197.0	IAML		07:48	40.24	5	0.56	

May 21 2022 Time: 21:17 21.2 UTC Magnitude: 0.8 ML
Lat: 57.771 Lon: -5.633 Depth: 7.7 km
Grid Ref: 183.97 kmE 881.47 kmN RMS: 0.30 secs
Locality: POOLEWE,HIGHLAND
Velocity model: Lownet Xnear: 75.0 Xfar: 150.0

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
KPL	HE	48.1	ES		21:17	35.49			-0.06
KPL	HN	48.1	IAML		21:17	35.97	3	0.32	
KPL	HE	48.1	IAML		21:17	36.34	3	0.30	
LINV	HZ	49.2	EP		21:17	29.95			0.29
LINV	HN	49.2	ES		21:17	35.50			-0.34
LINV	HE	49.2	IAML		21:17	35.75	6	0.22	
LINV	HN	49.2	IAML		21:17	36.38	3	0.13	
GVIE	HZ	98.6	EP		21:17	37.59			0.14
GVIE	HN	98.6	IAML		21:17	51.61	4	0.37	
GVIE	HE	98.6	IAML		21:17	51.69	2	0.21	
BIGH	HZ	129.0	EP		21:17	42.61			0.58
BIGH	HN	129.0	IAML		21:17	59.00	3	0.16	
BIGH	HE	129.0	IAML		21:17	59.03	4	0.19	
MCD	HZ	143.0	EP		21:17	45.01			0.94
MCD	HN	143.0	IAML		21:18	02.05	2	0.34	
MCD	HE	143.0	IAML		21:18	02.25	4	0.25	
PITL	HZ	162.0	EP		21:17	47.32			0.56
PITL	HE	162.0	IAML		21:18	06.89	2	0.21	
PITL	HN	162.0	IAML		21:18	07.99	1	0.07	
LAWE	HE	169.0	IAML		21:18	10.87	2	0.16	
LAWE	HN	169.0	IAML		21:18	10.88	1	0.24	

May 22 2022 Time: 18:34 01.9 UTC Magnitude: 0.9 ML
Lat: 56.082 Lon: -6.047 Depth: 14.3 km
Grid Ref: 148.24 kmE 695.06 kmN RMS: 0.10 secs
Locality: COLONSAY,ARGYLL & BUTE
Velocity model: Lownet Xnear: 150.0 Xfar: 300.0
Comment: OFFSHORE COLONSAY

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
PGB1	HZ	102.0	EP		18:34	18.52			0.01
PGB1	HN	102.0	ES		18:34	30.72			0.11
PGB1	HN	102.0	IAML		18:34	31.71	3	0.17	
PGB1	HE	102.0	IAML		18:34	32.23	7	0.23	
EAB	HZ	107.0	EP		18:34	19.19			-0.01
EAB	HN	107.0	ES		18:34	31.53			-0.28
EAB	HN	107.0	IAML		18:34	33.26	3	0.08	
EAB	HE	107.0	IAML		18:34	33.62	4	0.19	
CLGH	HZ	111.0	EP		18:34	19.88			0.07
CLGH	HN	111.0	ES		18:34	32.70			-0.16
CLGH	HN	111.0	IAML		18:34	34.06	3	0.09	
CLGH	HE	111.0	IAML		18:34	35.71	4	0.29	
INVG	HZ	130.0	EP		18:34	22.60			0.11
INVG	HN	130.0	ES		18:34	37.53			0.03
INVG	HN	130.0	IAML		18:34	39.81	3	0.23	
INVG	HE	130.0	IAML		18:34	39.98	2	0.13	
NEWG	HN	157.0	ES		18:34	44.21			0.15

May 22 2022 Time: 20:11 16.2 UTC Magnitude: 1.2 ML
Lat: 54.085 Lon: -3.123 Depth: 2.6 km
Grid Ref: 326.55 kmE 466.06 kmN RMS: 0.30 secs
Locality: RAMPSIDE,CUMBRIA
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
AP12	HZ	26.7	EP		20:11	21.12			-0.07
AP12	HE	26.7	ES		20:11	24.87			0.01
AP12	HE	26.7	IAML		20:11	25.09	17	0.19	
AP12	HN	26.7	IAML		20:11	25.30	11	0.13	
AQ10	HN	27.1	ES		20:11	24.97			0.06
AQ10	HN	27.1	IAML		20:11	25.16	166	0.15	
AQ10	HE	27.1	IAML		20:11	25.67	105	0.18	
AR07	HZ	44.6	EP		20:11	24.03			-0.20
AR07	HN	44.6	ES		20:11	29.89			-0.22
AR07	HN	44.6	IAML		20:11	30.67	53	0.23	
AR07	HE	44.6	IAML		20:11	31.40	28	0.23	
AQ12	HZ	46.0	EP		20:11	24.33			-0.16
AQ12	HN	46.0	ES		20:11	30.29			-0.27
AQ12	HE	46.0	IAML		20:11	30.62	14	0.18	
AQ12	HN	46.0	IAML		20:11	30.81	13	0.10	
AR09	HZ	47.2	EP		20:11	24.64			-0.07
AR09	HN	47.2	ES		20:11	30.70			-0.24
AR09	HN	47.2	IAML		20:11	31.71	39	0.09	
AR09	HE	47.2	IAML		20:11	31.77	31	0.07	
KESW	HZ	56.0	EP		20:11	26.07			-0.01
KESW	HE	56.0	ES		20:11	33.02			-0.30
KESW	HN	56.0	IAML		20:11	33.57	13	0.30	
KESW	HE	56.0	IAML		20:11	34.21	22	0.48	
AS07	HZ	79.6	EP		20:11	29.88			0.12
AS07	HE	79.6	IAML		20:11	43.76	7	0.16	
AS07	HN	79.6	IAML		20:11	44.11	7	0.19	
AS02	HN	95.4	ES		20:11	43.98			0.10
AS02	HN	95.4	IAML		20:11	44.83	8	0.14	
AS02	HE	95.4	IAML		20:11	45.11	6	0.17	
IOMK	HZ	96.3	EP		20:11	32.22			-0.08
IOMK	HN	96.3	IAML		20:11	45.16	3	0.12	
IOMK	HE	96.3	IAML		20:11	45.16	3	0.16	
EDMD	HZ	112.0	EP		20:11	35.51			0.80
EDMD	HN	112.0	ES		20:11	49.03			0.78
EDMD	HN	112.0	IAML		20:11	50.71	24	0.22	
EDMD	HE	112.0	IAML		20:11	50.85	18	0.18	
LBWR	HN	120.0	IAML		20:11	53.32	7	0.33	
LBWR	HE	120.0	IAML		20:11	53.34	9	0.26	
FOEL	HZ	133.0	EP		20:11	38.01			-0.06
GAL1	HZ	135.0	EP		20:11	38.28			0.05
NEWG	HZ	135.0	EP		20:11	38.47			0.15
NEWG	HE	135.0	IAML		20:11	55.96	4	0.20	
NEWG	HN	135.0	IAML		20:11	57.64	3	0.21	
ESK	HZ	137.0	EP		20:11	38.75			0.15
ESK	HN	137.0	IAML		20:11	57.20	3	0.20	
ESK	HE	137.0	IAML		20:11	57.40	4	0.26	

May 22 2022 Time: 22:34 14.2 UTC Magnitude: 0.5 ML
Lat: 57.103 Lon: -5.625 Depth: 3.8 km
Grid Ref: 180.48 kmE 807.15 kmN RMS: 0.10 secs
Locality: LOCH HOURN,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 5KM SW ARNISDALE

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	26.4	IP	D	22:34	19.13			-0.04
KPL	HE	26.4	ES		22:34	22.81			0.02
KPL	HE	26.4	IAML		22:34	23.11	5	0.11	
KPL	HN	26.4	IAML		22:34	23.13	2	0.15	
GVIE	HZ	64.6	EP		22:34	25.37			-0.09
GVIE	HE	64.6	IAML		22:34	38.87	4	0.27	
GVIE	HN	64.6	IAML		22:34	39.15	3	0.33	
LINV	HZ	119.0	EP		22:34	33.81			0.01
LINV	HE	119.0	IAML		22:34	49.84	2	0.14	
LINV	HN	119.0	IAML		22:34	51.04	1	0.14	
INVG	HZ	122.0	EP		22:34	34.23			-0.14
INVG	HE	122.0	IAML		22:34	49.51	2	0.23	
INVG	HN	122.0	IAML		22:34	49.80	1	0.08	
PITL	HZ	127.0	EP		22:34	35.42			0.28
EAB	HZ	129.0	EP		22:34	35.49			0.14
EAB	HE	129.0	ES		22:34	50.71			-0.06
EAB	HE	129.0	IAML		22:34	51.75	3	0.12	
EAB	HN	129.0	IAML		22:34	52.17	2	0.08	

May 25 2022 Time: 01:14 10.9 UTC Magnitude: 0.4 ML

TABLE 2 : PHASE DATA

Lat: 52.876 Lon: -5.658 Depth: 5.9 km
Grid Ref: 153.88 kmE 337.25 kmN RMS: 0.30 secs
Locality: IRISH SEA
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 80KM SW ANGLESEY

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
DSB	HZ	63.3	EP			01:14	21.80			0.18
DSB	HE	63.3	ES			01:14	29.18			-0.30
IWEX	HZ	94.0	EP			01:14	26.10			-0.32
IWEX	HN	94.0	ES			01:14	38.00			0.23
WLF1	HN	96.3	ES			01:14	38.34			-0.01
WLF1	HE	96.3	IAML			01:14	40.07	1	0.20	
WLF1	HN	96.3	IAML			01:14	40.41	1	0.11	
LLW	BN	134.0	ES			01:14	48.27			-0.14
LLW	BN	134.0	IAML			01:14	48.83	1	0.39	
LLW	BE	134.0	IAML			01:14	49.66	1	0.45	
ILTH	HZ	136.0	EP			01:14	33.34			0.57
ILTH	HN	136.0	ES			01:14	48.88			0.11

May 25 2022 Time: 05:30 00.0 UTC Magnitude: 0.8 ML
Lat: 55.783 Lon: -5.991 Depth: 6.8 km
Grid Ref: 149.80 kmE 661.62 kmN RMS: 0.20 secs
Locality: JURA,ARGYLL & BUTE
Velocity model: Lownet Xnear: 100.0 Xfar: 150.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LAWE	HZ	64.7	EP			05:30	10.72			-0.21
LAWE	HN	64.7	ES			05:30	18.99			0.06
LAWE	HN	64.7	IAML			05:30	20.56	2	0.20	
LAWE	HE	64.7	IAML			05:30	21.64	2	0.05	
CLGH	HN	78.3	ES			05:30	22.59			-0.01
CLGH	HN	78.3	IAML			05:30	24.46	5	0.14	
CLGH	HE	78.3	IAML			05:30	24.63	3	0.15	
PGB1	HN	94.6	ES			05:30	26.86			-0.11
PGB1	HN	94.6	IAML			05:30	27.23	12	0.52	
PGB1	HE	94.6	IAML			05:30	28.41	10	0.24	
EAB	HZ	113.0	EP			05:30	18.79			0.39
EAB	HE	113.0	IAML			05:30	33.11	2	0.23	
EAB	HN	113.0	IAML			05:30	33.89	2	0.12	
GAL1	HE	130.0	ES			05:30	36.59			0.17
GAL1	HN	130.0	IAML			05:30	38.20	2	0.27	
GAL1	HE	130.0	IAML			05:30	38.59	2	0.26	
INVG	HZ	141.0	EP			05:30	23.30			0.73
INVG	HN	141.0	IAML			05:30	40.91	1	0.24	
INVG	HE	141.0	IAML			05:30	41.72	1	0.16	

May 25 2022 Time: 10:26 08.6 UTC Magnitude: 3.0 ML
Lat: 58.821 Lon: 1.438 Depth: 14.7 km
Grid Ref: 598.47 kmE 997.67 kmN RMS: 0.30 secs
Locality: CENTRAL NORTH SEA
Velocity model: North Sea Xnear: 500.0 Xfar: 1000.0
Comment: 205KM SE LERWICK

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LRW	HZ	208.0	EP			10:26	39.01			0.50
LRW	HE	208.0	IAML			10:27	08.22	113	0.16	
LRW	HN	208.0	IAML			10:27	11.54	112	0.30	
KMY	HZ	223.0	EP			10:26	40.92			0.62
BER	HZ	281.0	EP			10:26	47.37			-0.10
BER	HE	281.0	IAML			10:27	29.60	22	0.38	
BER	HN	281.0	IAML			10:27	30.39	16	0.28	
MCD	HZ	308.0	EP			10:26	51.22			0.28
MCD	HN	308.0	IAML			10:27	39.02	57	0.38	
MCD	HE	308.0	IAML			10:27	46.83	60	0.42	
SUE	HZ	311.0	EP			10:26	51.04			-0.16
BIGH	HZ	312.0	EP			10:26	51.57			0.14
BIGH	HE	312.0	ES			10:27	23.03			0.30
BIGH	HE	312.0	IAML			10:27	40.12	32	0.28	
BIGH	HN	312.0	IAML			10:27	44.82	45	0.48	
TARL	HZ	315.0	EP			10:26	51.90			0.15
TARL	HN	315.0	IAML			10:27	24.98	176	0.12	
TARL	HE	315.0	IAML			10:27	25.78	155	0.18	
DRUM	HZ	315.0	EP			10:26	52.11			0.32
DRUM	HE	315.0	ES			10:27	23.62			0.28
DRUM	HE	315.0	IAML			10:27	25.72	109	0.19	
DRUM	HN	315.0	IAML			10:27	44.14	68	0.34	
SNART	HZ	340.0	EP			10:26	55.13			0.28
SNART	HN	340.0	ES			10:27	28.75			0.11
FOO	HZ	368.0	EP			10:26	58.39			0.04
FOO	HN	368.0	ES			10:27	34.01			-0.68
FOO	HE	368.0	IAML			10:27	35.74	17	0.48	
FOO	HN	368.0	IAML			10:27	36.92	15	0.18	
PITL	HZ	373.0	EP			10:26	59.04			0.06
PITL	HE	373.0	IAML			10:27	53.63	44	0.16	
PITL	HN	373.0	IAML			10:27	53.64	48	0.33	
LINV	HZ	394.0	EP			10:27	01.30			-0.27
LINV	HE	394.0	IAML			10:28	01.07	16	0.24	
LINV	HN	394.0	IAML			10:28	02.81	24	0.30	
GVIE	HZ	403.0	EP			10:27	02.35			-0.41
INVG	HZ	422.0	EP			10:27	05.00			-0.07
INVG	HN	422.0	IAML			10:27	47.86	32	0.18	
INVG	HE	422.0	IAML			10:27	47.89	24	0.16	
EDI	HZ	426.0	EP			10:27	05.69			0.16
EDI	HE	426.0	IAML			10:27	48.21	39	0.58	
EDI	HN	426.0	IAML			10:27	48.22	44	0.15	
KPL	HZ	449.0	EP			10:27	08.07			-0.37
KPL	HE	449.0	IAML			10:28	23.98	13	0.60	
KPL	HN	449.0	IAML			10:28	25.79	12	0.44	
EAB	HZ	453.0	EP			10:27	09.15			0.20
EAB	HN	453.0	IAML			10:27	55.11	23	0.46	
EAB	HE	453.0	IAML			10:27	56.00	14	0.26	
ESK	HZ	481.0	EP			10:27	12.31			-0.08
ESK	HN	481.0	IAML			10:28	00.81	16	0.20	
ESK	HE	481.0	IAML			10:28	02.64	20	0.20	
PGB1	HZ	489.0	EP			10:27	13.71			0.31
PGB1	HE	489.0	IAML			10:28	04.37	25	0.24	
PGB1	HN	489.0	IAML			10:28	05.34	24	0.14	
EDMD	HZ	490.0	EP			10:27	13.22			-0.28
EDMD	HE	490.0	IAML			10:28	06.99	21	0.24	
EDMD	HN	490.0	IAML			10:28	07.19	26	0.10	
LAWE	HZ	499.0	EP			10:27	13.71			-0.85
LAWE	HN	499.0	IAML			10:28	04.48	30	0.14	
LAWE	HE	499.0	IAML			10:28	04.54	31	0.20	
MUD	HZ	531.0	EP			10:27	18.30			-0.26
MUD	HN	531.0	IAML			10:28	44.65	20	0.32	
MUD	HE	531.0	IAML			10:28	49.71	20	0.40	
MOL	HZ	534.0	EP			10:27	19.37			0.38
AQ12	HZ	551.0	EP			10:27	20.66			-0.49
AQ12	HE	551.0	IAML			10:28	18.24	13	0.06	
AQ12	HN	551.0	IAML			10:28	18.43	11	0.10	
GAL1	HZ	578.0	EP			10:27	24.19			-0.24
GAL1	HE	578.0	IAML			10:28	21.09	8	0.20	
GAL1	HN	578.0	IAML			10:28	21.79	10	0.22	

May 26 2022 Time: 04:50 48.6 UTC Magnitude: 2.1 ML
Lat: 53.690 Lon: 1.308 Depth: 10.0 km
Grid Ref: 618.39 kmE 426.61 kmN RMS: 0.50 secs
Locality: SOUTHERN NORTH SEA
Velocity model: North Sea Xnear: 150.0 Xfar: 300.0
Comment: 85KM NORTH CROMER

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LMK	HE	111.0	ES			04:51	19.45			0.05
LMK	HE	111.0	IAML			04:51	20.52	146	0.26	
LMK	HN	111.0	IAML			04:51	20.81	141	0.26	
WACR	HZ	117.0	EP			04:51	06.64			-0.58
WACR	HN	117.0	ES			04:51	20.88			0.06
WACR	HN	117.0	IAML			04:51	23.08	43	0.20	
AU08	HZ	138.0	EP			04:51	09.65			-0.61
AU08	HN	138.0	IAML			04:51	27.53	18	0.14	
AU08	HE	138.0	IAML			04:51	27.54	17	0.18	
AU05	HE	145.0	ES			04:51	27.12			-0.43
AU05	HE	145.0	IAML			04:51	27.77	58	0.54	
AU05	HN	145.0	IAML			04:51	29.57	115	0.38	
AU07	HN	156.0	ES			04:51	30.55			0.59
AU07	HN	156.0	IAML			04:51	34.41	58	0.39	
AU07	HE	156.0	IAML			04:51	36.72	46	0.32	
AU11	HZ	158.0	EP			04:51	12.69			0.03
AU11	HE	158.0	IAML			04:51	32.16	10	0.49	
AU11	HN	158.0	IAML			04:51	38.66	9	0.37	
GDLE	HZ	161.0	EP			04:51	13.06			-0.07
GDLE	HE	161.0	IAML			04:51	34.60	26	0.26	
GDLE	HN	161.0	IAML			04:51	35.59	38	0.26	
ELMS	HZ	179.0	EP			04:51	16.06			0.73
ELMS	HN	179.0	IAML			04:51	40.33	45	0.41	
ELMS	HE	179.0	IAML			04:51	41.29	22	0.35	
AT10	HE	180.0	IAML			04:51	39.75	14	0.18	
AT10	HN	180.0	IAML			04:51	41.16	13	0.28	
HPK	HZ	195.0	EP			04:51	17.77			0.39
HPK	HN	195.0	IAML			04:51	43.60	34	0.18	
HPK	HE	195.0	IAML			04:51	46.05	27	0.22	
LBWR	HZ	204.0	EP			04:51	18.64			0.23
LBWR	HN	204.0	IAML			04:51	42.88	16	0.22	
LBWR	HE	204.0	IAML			04:51	44.15	14	0.18	
CWF	HZ	204.0	EP			04:51	18.48			-0.01
CWF	HE	204.0	IAML			04:51	44.70	9	0.14	
CWF	HN	204.0	IAML			04:51	46.12	9	0.30	
AS02	HZ	218.0	EP			04:51	21.16			0.91
AS02	HN	218.0	IAML			04:51	48.67	10	0.24	
AS02	HE	218.0	IAML			04:51	50.78	9	0.18	

May 26 2022 Time: 15:28 44.1 UTC Magnitude: 1.6 ML
Lat: 57.773 Lon: -5.615 Depth: 7.6 km
Grid Ref: 185.05 kmE 881.64 kmN RMS: 0.40 secs
Locality: POOLEWE,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: FELT POOLEWE Intensity: 2

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LINV	HZ	48.4	EP			15:28	52.60			0.16
KPL	HZ	48.4	EP			15:28	52.80			0.37
KPL	HN	48.4	ES			15:28	57.99			-0.53
KPL	HE	48.4	IAML			15:28	58.83	26	0.30	
KPL	HN	48.4	IAML			15:29	04.18	14	0.24	
LINV	HE	48.4	ES			15:28	58.06			-0.47
LINV	HE	48.4	IAML			15:28	58.40	44	0.30	
LINV	HN	48.4	IAML			15:28	59.03	19	0.11	
BIGH	HZ	129.0	EP			15:29	05.26			0.47
BIGH	HN	129.0	IAML			15:29	21.64	25	0.16	
BIGH	HE	129.0	IAML			15:29	23.02	23	0.19	
MCD	HZ	142.0	EP			15:29	07.29			0.46
MCD	HE	142.0	IAML			15:29	24.77	26	0.26	

TABLE 2 : PHASE DATA

MCD	HN	142.0	IAML		15:29	26.97	16	0.25		
LAWE	HZ	169.0	EP		15:29	11.28			0.73	
LAWE	HN	169.0	IAML		15:29	33.24	9	0.34		
LAWE	HE	169.0	IAML		15:29	33.53	10	0.21		
INVG	HZ	178.0	EP		15:29	11.98			0.33	
INVG	HN	178.0	IAML		15:29	34.72	4	0.12		
INVG	HE	178.0	IAML		15:29	35.77	4	0.31		
EAB	HZ	193.0	EP		15:29	14.37			0.82	
EAB	HE	193.0	IAML		15:29	40.27	6	0.58		
EAB	HN	193.0	IAML		15:29	40.76	5	0.40		
DRUM	HN	211.0	IAML		15:29	42.96	9	0.30		
DRUM	HE	211.0	IAML		15:29	44.30	10	0.19		

May 27 2022 Time: 08:19 24.8 UTC Magnitude: 2.2 ML
Lat: 54.124 Lon: -1.800 Depth: 7.6 km
Grid Ref: 413.07 kmE 469.83 kmN RMS: 0.20 secs
Locality: RAMSGILL,N YORKSHIRE
Velocity model: Lownet Xnear: 75.0 Xfar: 150.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AS07	HZ	17.0	IP		D	08:19	28.31			-0.01
AS07	HE	17.0	ES			08:19	30.85			-0.05
AS07	HE	17.0	IAML			08:19	31.05	432	0.07	
AS07	HN	17.0	IAML			08:19	31.28	615	0.31	
AR05	HZ	20.6	EP			08:19	28.79			-0.06
AR05	HN	20.6	ES			08:19	31.82			-0.01
AR05	HE	20.6	IAML			08:19	32.17	547	0.22	
AR05	HN	20.6	IAML			08:19	32.21	500	0.24	
HPK	HZ	21.7	IP		D	08:19	28.87			-0.15
HPK	HN	21.7	IAML			08:19	32.17	204	0.14	
HPK	HE	21.7	IAML			08:19	32.50	294	0.18	
AR09	HZ	43.4	EP			08:19	32.38			-0.04
AR09	HE	43.4	ES			08:19	37.71			-0.29
AR09	HN	43.4	IAML			08:19	38.05	940	0.11	
AR09	HE	43.4	IAML			08:19	38.60	779	0.23	
AT10	HZ	49.0	EP			08:19	33.22			-0.04
AT10	HE	49.0	ES			08:19	39.13			-0.33
AT10	HN	49.0	IAML			08:19	39.74	185	0.28	
AT10	HE	49.0	IAML			08:19	39.86	198	0.42	
AT12	HZ	55.4	EP			08:19	34.39			0.19
AT12	HN	55.4	ES			08:19	41.15			0.06
AT12	HE	55.4	IAML			08:19	41.57	594	0.18	
AT12	HN	55.4	IAML			08:19	41.84	231	0.18	
AR01	HZ	59.1	EP			08:19	35.07			0.26
AR01	HE	59.1	ES			08:19	42.34			0.20
AR01	HN	59.1	IAML			08:19	42.75	145	0.20	
AR01	HE	59.1	IAML			08:19	43.66	114	0.14	
AS02	HZ	64.6	EP			08:19	35.66			-0.01
AS02	HN	64.6	ES			08:19	43.39			-0.24
AS02	HE	64.6	IAML			08:19	43.76	140	0.26	
AS02	HN	64.6	IAML			08:19	43.77	143	0.17	
AQ12	HZ	71.1	EP			08:19	36.62			-0.08
AQ12	HE	71.1	IAML			08:19	47.01	122	0.09	
AQ12	HN	71.1	IAML			08:19	48.74	101	0.07	
GDLE	HZ	72.2	EP			08:19	37.12			0.29
GDLE	HE	72.2	IAML			08:19	48.96	330	0.22	
GDLE	HN	72.2	IAML			08:19	49.08	293	0.22	
EDMD	HZ	79.4	EP			08:19	38.07			0.16
EDMD	HN	79.4	ES			08:19	47.37			-0.14
EDMD	HN	79.4	IAML			08:19	49.78	147	0.22	
EDMD	HE	79.4	IAML			08:19	49.88	216	0.14	
LBWR	HZ	80.6	EP			08:19	38.34			0.18
LBWR	HN	80.6	ES			08:19	47.81			-0.13
KESW	HZ	99.4	EP			08:19	41.62			0.56
KESW	HN	99.4	IAML			08:19	53.83	78	0.26	
KESW	HE	99.4	IAML			08:19	53.88	58	0.29	
LMK	HE	122.0	IAML			08:20	01.31	126	0.22	
LMK	HN	122.0	IAML			08:20	02.74	142	0.40	
STBN	CZ	148.0	EP			08:19	49.11			0.89
STBN	CE	148.0	IAML			08:20	07.42	41	0.32	
STBN	CN	148.0	IAML			08:20	07.87	54	0.25	
CWF	HZ	158.0	EP			08:19	50.67			1.01
CWF	HN	158.0	IAML			08:20	09.49	22	0.14	
CWF	HE	158.0	IAML			08:20	09.83	24	0.12	
ESK	HE	161.0	IAML			08:20	11.78	16	0.28	
ESK	HN	161.0	IAML			08:20	11.96	12	0.11	
FOEL	HZ	166.0	EP			08:19	50.14			-0.74
FOEL	HN	166.0	IAML			08:20	11.93	30	0.30	
FOEL	HE	166.0	IAML			08:20	12.60	29	0.46	
HLM1	HE	193.0	IAML			08:20	19.37	16	0.42	
HLM1	HN	193.0	IAML			08:20	20.05	16	0.20	

May 27 2022 Time: 09:40 06.9 UTC Magnitude: 0.9 ML
Lat: 54.124 Lon: -1.809 Depth: 8.3 km
Grid Ref: 412.48 kmE 469.83 kmN RMS: 0.30 secs
Locality: RAMSGILL,N YORKSHIRE
Velocity model: Lownet Xnear: 75.0 Xfar: 150.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AS07	HZ	16.7	EP			09:40	10.45			-0.00
AS07	HN	16.7	ES			09:40	13.09			0.07
AS07	HE	16.7	IAML			09:40	13.16	36	0.04	
AS07	HN	16.7	IAML			09:40	13.21	41	0.09	
AR05	HN	20.2	ES			09:40	14.06			0.16
AR05	HE	20.2	IAML			09:40	14.29	24	0.14	
AR05	HN	20.2	IAML			09:40	14.44	28	0.16	
HPK	HZ	22.1	IP		D	09:40	11.02			-0.23
HPK	HE	22.1	ES			09:40	14.25			-0.15
HPK	HN	22.1	IAML			09:40	14.63	8	0.18	
HPK	HE	22.1	IAML			09:40	14.65	15	0.16	
AU11	HZ	57.8	EP			09:40	16.98			0.23
AU11	HN	57.8	ES			09:40	23.86			-0.06
AU11	HN	57.8	IAML			09:40	24.32	10	0.32	
AU11	HE	57.8	IAML			09:40	24.45	6	0.23	
AS02	HE	64.5	ES			09:40	25.60			-0.18
AS02	HE	64.5	IAML			09:40	26.47	5	0.12	
AS02	HN	64.5	IAML			09:40	26.92	8	0.27	
AQ12	HZ	70.6	EP			09:40	19.00			0.20
AQ12	HE	70.6	ES			09:40	26.94			-0.51
AQ12	HE	70.6	IAML			09:40	29.12	9	0.05	
AQ12	HN	70.6	IAML			09:40	30.87	6	0.07	
EDMD	HE	79.3	ES			09:40	29.53			-0.14
EDMD	HE	79.3	IAML			09:40	31.92	11	0.20	
EDMD	HN	79.3	IAML			09:40	31.93	9	0.09	
LBWR	HZ	80.6	EP			09:40	20.72			0.38
LBWR	HN	80.6	ES			09:40	30.07			-0.06
LBWR	HE	80.6	IAML			09:40	31.12	7	0.10	
LBWR	HN	80.6	IAML			09:40	31.31	6	0.09	
AP12	HN	97.3	ES			09:40	34.66			0.10
AP12	HN	97.3	IAML			09:40	36.10	4	0.17	
AP12	HE	97.3	IAML			09:40	36.31	4	0.44	
KESW	HZ	98.8	EP			09:40	23.75			0.59
KESW	HN	98.8	IAML			09:40	36.09	4	0.29	
KESW	HE	98.8	IAML			09:40	37.79	6	0.31	

May 29 2022 Time: 20:40 37.9 UTC Magnitude: 2.3 ML
Lat: 53.427 Lon: -2.348 Depth: 6.1 km
Grid Ref: 376.88 kmE 392.33 kmN RMS: 0.40 secs
Locality: SALE,GTR MANCHESTER
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AS02	HZ	27.9	IP		C	20:40	43.23			0.09
AS02	HN	27.9	ES			20:40	47.04			0.05
AS02	HN	27.9	IAML			20:40	47.29	715	0.10	
AS02	HE	27.9	IAML			20:40	47.33	612	0.10	
AR01	HZ	30.6	IP		D	20:40	43.65			0.07
AR01	HN	30.6	ES			20:40	47.29			-0.48
AR01	HE	30.6	IAML			20:40	48.05	650	0.13	
AR01	HN	30.6	IAML			20:40	48.73	267	0.21	
STNC	HZ	38.6	IP		D	20:40	45.38			0.56
STNC	HE	38.6	ES			20:40	50.81			0.90
STNC	HE	38.6	IAML			20:40	52.06	269	0.16	
STNC	HN	38.6	IAML			20:40	52.18	176	0.35	
LBWR	HZ	41.5	IP		C	20:40	45.35			0.05
LBWR	HE	41.5	ES			20:40	50.48			-0.26
LBWR	HN	41.5	IAML			20:40	51.31	249	0.11	
LBWR	HE	41.5	IAML			20:40	51.91	287	0.21	
AQ10	HZ	62.8	IP		D	20:40	49.07			0.53
AQ10	HN	62.8	ES			20:40	56.90			0.56
AQ10	HN	62.8	IAML			20:40	57.13	161	0.22	
AQ10	HE	62.8	IAML			20:40	57.17	130	0.27	
AR07	HZ	63.7	IP		D	20:40	48.98			0.26
AR07	HE	63.7	ES			20:40	56.79			0.14
AR07	HE	63.7	IAML			20:40	58.27	265	0.17	
AR07	HN	63.7	IAML			20:41	00.30	236	0.12	
AR05	HZ	66.4	IP		D	20:40	49.32			0.19
AR05	HN	66.4	ES			20:40	57.06			-0.31
AR05	HN	66.4	IAML			20:40	57.34	274	0.20	
AR05	HE	66.4	IAML			20:40	57.43	224	0.20	
HPK	HZ	76.0	IP		C	20:40	50.62			-0.00
FOEL	HZ	82.6	EP			20:40	51.49			-0.21
FOEL	HE	82.6	ES			20:41	01.62			-0.18
FOEL	HN	82.6	IAML			20:41	03.31	73	0.28	
FOEL	HE	82.6	IAML			20:41	04.39	88	0.14	
CWF	HZ	104.0	EP			20:40	54.82			-0.08
CWF	HE	104.0	ES			20:41	06.98			-0.36
CWF	HN	104.0	IAML			20:41	08.47	49	0.14	
CWF	HE	104.0	IAML			20:41	09.14	49	0.12	
HLM1	HZ	107.0	EP			20:40	55.49			-0.02
HLM1	HN	107.0	ES			20:41	07.79			-0.62
HLM1	HN	107.0	IAML			20:41	09.78	86	0.18	
HLM1	HE	107.0	IAML			20:41	09.99	96	0.14	
WLF1	HZ	137.0	IP		D	20:40	59.43			-0.52
WLF1	HN	137.0	IAML			20:41	16.93	57	0.19	
WLF1	HE	137.0	IAML			20:41	18.72	32	0.15	
KESW	HZ	138.0	EP			20:40	59.56			-0.61
WPS	HZ	143.0	EP			20:41	00.22			-0.55
GDLE	HZ	150.0	EP			20:41	01.23			-0.52
EDMD	HZ	158.0	EP			20:41	01.91			-1.03
MCH1	HZ	165.0	EP			20:41	03.83			-0.13
IOMK	HZ	173.0	EP			20:41	03.69			-1.31
MONM	HZ	179.0	EP			20:41	05.80			0.01
STRD	HZ	184.0	EP			20:41	06.75			0.35
STRD	HN	184.0	IAML			20:41	31.36	58	0.17	
STRD	HE	184.0	IAML			20:41	32.14	61	0.25	
ESK	HZ	218.0	EP			20:41	09.22			-1.36
GAL1	HZ	222.0	EP			20:41	09.63			-1.54
NEWG	HZ	225.0	EP			20:41	10.13			-1.30
RSBS	HZ	231.0	EP			20:41	11.41			-0.81

TABLE 2 : PHASE DATA

May 29 2022 Time: 23:08 00.9 UTC Magnitude: 0.8 ML
Lat: 53.428 Lon: -2.326 Depth: 11.7 km
Grid Ref: 378.34 kmE 392.43 kmN RMS: 0.20 secs
Locality: SALE,GTR MANCHESTER
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AS02	HZ	26.6	EP			23:08	06.00			-0.02
AS02	HN	26.6	ES			23:08	09.81			0.06
AS02	HN	26.6	IAML			23:08	10.06	14	0.09	
AS02	HE	26.6	IAML			23:08	10.10	14	0.10	
AR01	HZ	30.5	EP			23:08	06.46			-0.14
AR01	HE	30.5	ES			23:08	10.63			-0.12
AR01	HE	30.5	IAML			23:08	10.82	11	0.16	
AR01	HN	30.5	IAML			23:08	11.83	5	0.13	
LBWR	HZ	40.1	EP			23:08	08.13			0.05
LBWR	HN	40.1	ES			23:08	13.36			0.04
LBWR	HN	40.1	IAML			23:08	14.04	5	0.32	
LBWR	HE	40.1	IAML			23:08	14.69	5	0.21	
AQ02	HZ	47.7	EP			23:08	09.32			0.13
AQ02	HN	47.7	ES			23:08	15.41			0.18
AQ02	HE	47.7	IAML			23:08	15.65	12	0.17	
AQ02	HN	47.7	IAML			23:08	15.70	15	0.11	
AR07	HZ	63.8	EP			23:08	12.02			0.31
AR07	HE	63.8	ES			23:08	19.58			-0.01
AR07	HE	63.8	IAML			23:08	21.03	5	0.15	
AR07	HN	63.8	IAML			23:08	22.71	5	0.17	
AR05	HZ	65.8	EP			23:08	12.09			0.06
AR05	HN	65.8	IAML			23:08	20.35	9	0.52	
AR05	HE	65.8	IAML			23:08	20.90	11	0.32	
HPK	HE	75.0	ES			23:08	22.33			-0.27
HPK	HN	75.0	IAML			23:08	22.77	14	0.20	
HPK	HE	75.0	IAML			23:08	22.85	12	0.18	
FOEL	HZ	83.7	EP			23:08	14.57			-0.26
FOEL	HN	83.7	IAML			23:08	26.64	2	0.17	
FOEL	HE	83.7	IAML			23:08	27.17	2	0.17	
AR09	HE	89.0	ES			23:08	25.94			-0.50
AR09	HE	89.0	IAML			23:08	27.74	10	0.08	
AR09	HN	89.0	IAML			23:08	28.15	10	0.09	
AS07	HZ	95.3	EP			23:08	17.05			0.43
AS07	HN	95.3	IAML			23:08	29.17	3	0.17	
AS07	HE	95.3	IAML			23:08	29.84	3	0.17	
CWF	HZ	103.0	EP			23:08	17.76			0.05
CWF	HN	103.0	IAML			23:08	31.78	2	0.27	
CWF	HE	103.0	IAML			23:08	32.72	1	0.13	
HLM1	HN	108.0	ES			23:08	31.18			-0.16
HLM1	HE	108.0	IAML			23:08	32.70	2	0.12	
HLM1	HN	108.0	IAML			23:08	33.34	2	0.10	
AQ12	HZ	116.0	EP			23:08	19.79			0.19
AQ12	HE	116.0	IAML			23:08	34.03	1	0.12	
AQ12	HN	116.0	IAML			23:08	34.28	1	0.18	

May 30 2022 Time: 07:59 17.3 UTC Magnitude: 2.1 ML
Lat: 55.478 Lon: -5.097 Depth: 7.6 km
Grid Ref: 204.30 kmE 624.83 kmN RMS: 0.30 secs
Locality: ARRAN,NORTH AYRSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 300.0
Comment: FELT ARRAN Intensity: 2

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
PGB1	HZ	53.6	EP			07:59	26.66			0.16
PGB1	HN	53.6	ES			07:59	33.09			-0.11
PGB1	HE	53.6	IAML			07:59	33.40	220	0.38	
PGB1	HN	53.6	IAML			07:59	33.57	277	0.18	
NEWG	HZ	68.2	EP			07:59	28.77			0.01
NEWG	HN	68.2	ES			07:59	36.61			-0.49
NEWG	HN	68.2	IAML			07:59	40.29	66	0.14	
NEWG	HE	68.2	IAML			07:59	40.34	73	0.09	
GAL1	HZ	72.4	EP			07:59	29.65			0.25
GAL1	HE	72.4	ES			07:59	37.60			-0.62
GAL1	HE	72.4	IAML			07:59	38.25	68	0.20	
GAL1	HN	72.4	IAML			07:59	38.58	72	0.13	
CLGH	HZ	78.0	EP			07:59	30.54			0.25
CLGH	HN	78.0	ES			07:59	39.56			-0.20
CLGH	HE	78.0	IAML			07:59	39.98	127	0.16	
CLGH	HN	78.0	IAML			07:59	43.00	52	0.20	
LAWE	HE	89.1	ES			07:59	42.30			-0.40
LAWE	HE	89.1	IAML			07:59	43.60	110	0.30	
LAWE	HN	89.1	IAML			07:59	46.02	60	0.40	
EAB	HZ	92.3	EP			07:59	32.70			0.17
EAB	HE	92.3	ES			07:59	43.51			-0.12
EAB	HN	92.3	IAML			07:59	44.14	64	0.14	
EAB	HE	92.3	IAML			07:59	44.35	100	0.22	
ESK	HZ	121.0	EP			07:59	37.25			0.25
ESK	HN	121.0	IAML			07:59	52.13	39	0.30	
ESK	HE	121.0	IAML			07:59	52.38	27	0.14	
INVG	HZ	125.0	EP			07:59	37.58			0.08
EDI	HZ	130.0	EP			07:59	38.67			0.43
EDI	HN	130.0	ES			07:59	53.54			0.03
EDI	HN	130.0	IAML			07:59	54.72	45	0.42	
EDI	HE	130.0	IAML			07:59	54.77	47	0.34	
IOMK	HZ	140.0	EP			07:59	40.26			0.60
IOMK	HE	140.0	ES			07:59	55.78			-0.18
IOMK	HE	140.0	IAML			07:59	57.23	14	0.28	
IOMK	HN	140.0	IAML			07:59	58.31	16	0.28	
IDGL	HZ	160.0	EP			07:59	42.40			-0.13
IDGL	HE	160.0	IAML			08:00	06.50	12	0.35	
IDGL	HN	160.0	IAML			08:00	07.11	27	0.50	
KESW	HZ	161.0	EP			07:59	43.34			0.58
KESW	HN	161.0	IAML			08:00	06.90	14	0.32	
KESW	HE	161.0	IAML			08:00	10.27	17	0.42	
ESY	HZ	164.0	EP			07:59	42.84			-0.26
ESY	HE	164.0	IAML			08:00	03.48	24	0.32	
ESY	HN	164.0	IAML			08:00	04.20	19	0.22	
PITL	HZ	176.0	EP			07:59	44.69			-0.03
PITL	HE	176.0	IAML			08:00	07.82	26	0.40	
PITL	HN	176.0	IAML			08:00	08.46	17	0.22	
ILTH	HZ	180.0	EP			07:59	45.62			0.48
ILTH	HE	180.0	IAML			08:00	08.73	15	0.22	
ILTH	HN	180.0	IAML			08:00	09.38	15	0.30	
GVIE	HZ	184.0	EP			07:59	45.03			-0.71
GVIE	HN	184.0	IAML			08:00	09.69	15	0.56	
GVIE	HE	184.0	IAML			08:00	09.79	22	0.24	
AQ12	HZ	190.0	EP			07:59	46.77			0.34
AQ12	HE	190.0	IAML			08:00	11.85	15	0.10	
AQ12	HN	190.0	IAML			08:00	11.88	20	0.16	
KPL	HZ	210.0	EP			07:59	48.78			-0.10
KPL	HN	210.0	IAML			08:00	22.23	11	0.42	
KPL	HE	210.0	IAML			08:00	23.11	22	0.68	
EDMD	HZ	212.0	EP			07:59	49.62			0.44
EDMD	HN	212.0	IAML			08:00	19.93	14	0.18	
EDMD	HE	212.0	IAML			08:00	23.40	21	0.22	
AR09	HZ	220.0	EP			07:59	50.38			0.11
AR09	HE	220.0	IAML			08:00	21.78	49	0.24	
AR09	HN	220.0	IAML			08:00	22.69	53	0.30	
DRUM	HZ	228.0	EP			07:59	51.47			0.36
DRUM	HN	228.0	IAML			08:00	22.11	14	0.62	
DRUM	HE	228.0	IAML			08:00	26.31	14	0.38	
TARL	HZ	233.0	EP			07:59	51.75			-0.01
TARL	HN	233.0	IAML			08:00	24.50	20	0.12	
TARL	HE	233.0	IAML			08:00	24.69	31	0.14	
AS07	HZ	244.0	EP			07:59	53.36			0.10
AS07	HN	244.0	IAML			08:00	29.44	11	0.48	
AS07	HE	244.0	IAML			08:00	30.11	8	0.26	
MCD	HZ	260.0	EP			07:59	54.86			-0.37
MCD	HE	260.0	IAML			08:00	34.03	13	0.30	
MCD	HN	260.0	IAML			08:00	40.71	12	0.48	
LINV	HZ	297.0	EP			07:59	59.37			-0.43
LINV	HE	297.0	IAML			08:00	41.12	10	0.38	
LINV	HN	297.0	IAML			08:00	42.02	5	0.25	

May 30 2022 Time: 14:36 57.8 UTC Magnitude: 3.8 ML
Lat: 52.844 Lon: -2.645 Depth: 8.6 km
Grid Ref: 356.56 kmE 327.62 kmN RMS: 0.40 secs
Locality: WEM,SHROPSHIRE
Velocity model: Lownet Xnear: 300.0 Xfar: 600.0
Comment: FELT SHROPSHIRE... Intensity: 5

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
FOEL	HZ	37.7	EP			14:37	04.83			0.29
FOEL	HN	37.7	ES			14:37	09.56			0.07
FOEL	HE	37.7	IAML			14:37	11.19	4537	0.40	
FOEL	HN	37.7	IAML			14:37	11.19	7057	0.32	
HLM1	HZ	39.6	IP		C	14:37	04.61			-0.22
HLM1	HE	39.6	ES			14:37	09.73			-0.26
HLM1	HN	39.6	IAML			14:37	10.05	2042	0.16	
HLM1	HE	39.6	IAML			14:37	10.40	8317	0.26	
STNC	HZ	40.3	IP		C	14:37	04.58			-0.32
STNC	HN	40.3	IAML			14:37	10.24	7336	0.20	
STNC	HE	40.3	IAML			14:37	11.36	4563	0.22	
LBWR	HZ	87.4	IP		C	14:37	12.11			-0.11
LBWR	HE	87.4	IAML			14:37	24.37	1556	0.26	
LBWR	HN	87.4	IAML			14:37	28.20	1246	0.26	
AS02	HZ	90.4	EP			14:37	12.76			0.08
AS02	HN	90.4	IAML			14:37	24.42	2142	0.18	
AS02	HE	90.4	IAML			14:37	28.30	1972	0.36	
CWF	HZ	91.0	EP			14:37	12.42			-0.32
CWF	HN	91.0	ES			14:37	22.62			-1.06
CWF	HN	91.0	IAML			14:37	22.86	1820	0.42	
CWF	HE	91.0	IAML			14:37	26.72	1528	0.10	
STBN	CZ	94.1	EP			14:37	13.05			-0.15
STBN	CN	94.1	IAML			14:37	25.26	1441	0.28	
STBN	CE	94.1	IAML			14:37	25.40	1699	0.12	
MCH1	HZ	97.3	IP		C	14:37	13.72			-0.00
MCH1	HN	97.3	ES			14:37	25.00			-0.38
MCH1	HN	97.3	IAML			14:37	25.42	2455	0.26	
MCH1	HE	97.3	IAML			14:37	30.87	1753	0.16	
AR01	HZ	97.5	EP			14:37	13.88			0.11
AR01	HN	97.5	IAML			14:37	27.81	3119	0.20	
AR01	HE	97.5	IAML			14:37	27.89	3489	0.16	
AQ06	HZ	111.0	EP			14:37	16.10			0.35
AQ06	HN	111.0	ES			14:37	29.38			0.50
AQ06	HN	111.0	IAML			14:37	31.83	7483	0.30	
AQ06	HE	111.0	IAML			14:37	33.91	5513	0.26	
MONM	HZ	112.0	EP			14:37	16.35			0.30
MONM	HE	112.0	ES			14:37	29.61			0.21
MONM	HE	112.0	IAML			14:37	33.40	3059	0.22	
MONM	HN	112.0	IAML			14:37	33.73	3051	0.28	
AQ10	HZ	120.0	EP			14:37	17.65			0.50
AQ10	HE	120.0	IAML			14:37	33.05	5496	0.36	
AQ10	HN	120.0	IAML			14:37	34.66	8438	0.24	

TABLE 2 : PHASE DATA

STRD	HZ	123.0	EP	14:37	18.05			0.35
STRD	HN	123.0	IAML	14:37	35.51	5963	0.50	
STRD	HE	123.0	IAML	14:37	36.27	6612	0.46	
WLF1	HZ	127.0	EP	14:37	18.52			0.26
WLF1	HN	127.0	IAML	14:37	33.63	2288	0.34	
WLF1	HE	127.0	IAML	14:37	33.97	1502	0.21	
AR07	HZ	129.0	EP	14:37	19.00			0.52
AR07	HN	129.0	IAML	14:37	35.78	5560	0.24	
AR07	HE	129.0	IAML	14:37	35.79	7628	0.38	
OLDB	HZ	132.0	EP	14:37	19.22			0.34
AR05	HZ	134.0	EP	14:37	19.61			0.34
AR05	HN	134.0	ES	14:37	35.02			0.05
AR05	HN	134.0	IAML	14:37	36.94	4552	0.58	
AR05	HE	134.0	IAML	14:37	37.65	6357	0.40	
WPS	HZ	139.0	EP	14:37	20.38			0.52
WPS	HN	139.0	IAML	14:37	37.98	1978	0.24	
WPS	HE	139.0	IAML	14:37	38.31	1774	0.16	
HPK	HZ	141.0	EP	14:37	20.57			0.29
HPK	HN	141.0	ES	14:37	37.44			0.72
HPK	HE	141.0	IAML	14:37	38.58	5423	0.22	
HPK	HN	141.0	IAML	14:37	39.06	6666	0.22	
AR09	HZ	154.0	EP	14:37	22.09			-0.09
AU05	HZ	163.0	EP	14:37	23.39			0.01
AU05	HN	163.0	IAML	14:37	45.53	4650	0.42	
AU05	HE	163.0	IAML	14:37	46.23	4398	0.38	
AS07	HZ	164.0	EP	14:37	23.34			-0.17
AS07	HE	164.0	IAML	14:37	44.07	2640	0.36	
AS07	HN	164.0	IAML	14:37	45.06	3832	0.58	
AP12	HZ	168.0	EP	14:37	23.48			-0.58
AP12	HE	168.0	IAML	14:37	44.50	976	0.30	
AP12	HN	168.0	IAML	14:37	44.63	716	0.20	
LMK	HZ	169.0	EP	14:37	24.42			0.23
LMK	HN	169.0	IAML	14:37	46.40	2772	0.30	
LMK	HE	169.0	IAML	14:37	46.47	2458	0.24	
RSBS	HZ	174.0	EP	14:37	24.71			-0.08
RSBS	HN	174.0	IAML	14:37	48.62	844	0.26	
RSBS	HE	174.0	IAML	14:37	48.63	628	0.22	
AQ12	HZ	177.0	EP	14:37	24.95			-0.29
AQ12	HE	177.0	IAML	14:37	46.60	880	0.26	
AQ12	HN	177.0	IAML	14:37	48.81	636	0.20	
AU07	HZ	180.0	EP	14:37	26.03			0.52
AU07	HE	180.0	IAML	14:37	50.18	2636	0.26	
AU07	HN	180.0	IAML	14:37	54.23	1982	0.40	
AU11	HZ	189.0	EP	14:37	26.56			-0.00
AU11	HE	189.0	IAML	14:37	51.79	1118	0.38	
AU11	HN	189.0	IAML	14:37	52.35	732	0.62	
AT10	HZ	196.0	EP	14:37	27.41			-0.10
AT10	HN	196.0	IAML	14:37	53.22	1423	0.26	
AT10	HE	196.0	IAML	14:37	53.38	2376	0.28	
KESW	HZ	197.0	EP	14:37	27.16			-0.45
KESW	HN	197.0	IAML	14:37	52.71	1260	0.44	
KESW	HE	197.0	IAML	14:37	52.71	1670	0.34	
IOMK	HZ	203.0	EP	14:37	27.92			-0.43
AV06	HZ	205.0	EP	14:37	28.70			0.02
AV06	HE	205.0	IAML	14:37	56.46	748	0.32	
AV06	HN	205.0	IAML	14:37	57.29	1198	0.44	
EDMD	HZ	226.0	EP	14:37	30.76			-0.43
EDMD	HE	226.0	IAML	14:38	01.39	1626	0.26	
EDMD	HN	226.0	IAML	14:38	01.53	1339	0.24	
HTL	HZ	242.0	EP	14:37	33.62			0.42
HTL	HN	242.0	IAML	14:38	08.54	517	0.56	
HTL	HE	242.0	IAML	14:38	08.87	550	0.46	
BRDL	HZ	246.0	EP	14:37	34.44			0.66
BRDL	HE	246.0	IAML	14:38	08.57	846	0.22	
BRDL	HN	246.0	IAML	14:38	09.96	906	0.28	
DSB	HZ	254.0	EP	14:37	35.16			0.41
DSB	HN	254.0	IAML	14:38	12.72	170	0.44	
DSB	HE	254.0	IAML	14:38	13.52	138	0.34	
ELMS	HZ	261.0	EP	14:37	36.22			0.64
ELMS	HE	261.0	IAML	14:38	16.85	420	0.40	
ELMS	HN	261.0	IAML	14:38	20.23	990	0.34	
GAL1	HZ	263.0	EP	14:37	35.03			-0.84
GAL1	HE	263.0	IAML	14:38	16.47	105	0.46	
GAL1	HN	263.0	IAML	14:38	18.82	107	0.28	
NEWG	HZ	274.0	EP	14:37	36.38			-0.83
NEWG	HE	274.0	IAML	14:38	17.45	146	0.56	
NEWG	HN	274.0	IAML	14:38	20.86	97	0.40	
ILTH	HZ	278.0	EP	14:37	37.22			-0.57
ILTH	HN	278.0	IAML	14:38	20.11	145	0.42	
ILTH	HE	278.0	IAML	14:38	20.47	138	0.32	
DYA	HZ	282.0	EP	14:37	38.22			-0.12
DYA	HE	282.0	IAML	14:38	20.06	346	0.24	
DYA	HN	282.0	IAML	14:38	20.21	265	0.32	
SIZE	CE	297.0	IAML	14:38	25.16	626	0.42	
SIZE	CN	297.0	IAML	14:38	26.85	708	0.45	
CLGH	HZ	337.0	EP	14:37	44.24			-0.96
CLGH	HE	337.0	IAML	14:38	35.51	84	0.30	
CLGH	HN	337.0	IAML	14:38	36.97	83	0.46	
CCA1	HZ	346.0	EP	14:37	46.15			-0.09
CCA1	HN	346.0	IAML	14:38	35.96	109	0.34	
CCA1	HE	346.0	IAML	14:38	38.24	198	0.34	
PITL	HZ	447.0	EP	14:37	58.39			-0.52
PITL	HE	447.0	IAML	14:38	44.65	43	0.18	
PITL	HN	447.0	IAML	14:38	45.72	47	0.16	

May 30 2022 Time: 16:15 39.5 UTC Magnitude: 2.4 ML
Lat: 56.962 Lon: 1.789 Depth: 11.2 km
Grid Ref: 630.32 kmE 792.01 kmN RMS: 0.40 secs
Locality: CENTRAL NORTH SEA
Velocity model: North Sea Xnear: 500.0 Xfar: 1000.0
Comment: 235KM EAST ABERDEEN

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
DRUM	HZ	260.0	EP		16:16	17.41			0.47
DRUM	HN	260.0	ES		16:16	44.27			0.01
DRUM	HN	260.0	IAML		16:16	57.62	18	0.47	
DRUM	HE	260.0	IAML		16:17	03.53	11	0.33	
ESY	HZ	295.0	EP		16:16	21.45			0.14
ESY	HN	295.0	ES		16:16	51.82			-0.01
ESY	HE	295.0	IAML		16:16	54.19	17	0.38	
ESY	HN	295.0	IAML		16:17	07.38	12	0.54	
MCD	HZ	312.0	EP		16:16	23.84			0.48
MCD	HN	312.0	IAML		16:17	10.89	9	0.27	
MCD	HE	312.0	IAML		16:17	12.77	13	0.39	
EDI	HZ	328.0	EP		16:16	26.06			0.73
EDI	HN	328.0	IAML		16:17	16.88	16	0.47	
EDI	HE	328.0	IAML		16:17	22.89	12	0.47	
EDMD	HZ	334.0	EP		16:16	25.64			-0.38
EDMD	HN	334.0	IAML		16:17	21.16	24	0.37	
EDMD	HE	334.0	IAML		16:17	21.52	23	0.39	
AT10	HZ	344.0	EP		16:16	27.66			0.37
AT10	HE	344.0	IAML		16:17	21.46	28	0.34	
AT10	HN	344.0	IAML		16:17	27.85	34	0.38	
SNART	HZ	358.0	EP		16:16	29.40			0.33
ESK	HZ	360.0	EP		16:16	29.15			-0.22
ESK	HN	360.0	IAML		16:17	29.63	18	0.46	
ESK	HE	360.0	IAML		16:17	30.03	14	0.40	
INVG	HZ	362.0	EP		16:16	29.85			0.25
INVG	HE	362.0	IAML		16:17	08.73	4	0.45	
INVG	HN	362.0	IAML		16:17	09.52	5	0.33	
BIGH	HZ	380.0	EP		16:16	31.47			-0.30
BIGH	HE	380.0	IAML		16:17	11.42	4	0.32	
BIGH	HN	380.0	IAML		16:17	42.59	5	0.44	
AS07	HZ	382.0	EP		16:16	31.61			-0.48
AS07	HN	382.0	IAML		16:17	34.46	19	0.38	
AS07	HE	382.0	IAML		16:17	40.10	16	0.58	
GVIE	HZ	386.0	EP		16:16	32.89			0.33
GVIE	HN	386.0	IAML		16:17	35.00	6	0.34	
GVIE	HE	386.0	IAML		16:17	35.64	6	0.56	
EAB	HZ	386.0	EP		16:16	32.69			0.11
EAB	HE	386.0	IAML		16:17	13.62	5	0.22	
EAB	HN	386.0	IAML		16:17	33.62	6	0.30	
LRW	HZ	393.0	EP		16:16	32.96			-0.51
LRW	HE	393.0	IAML		16:17	14.19	3	0.60	
LRW	HN	393.0	IAML		16:17	23.91	4	0.74	
AQ12	HN	401.0	IAML		16:17	15.35	9	0.20	
AQ12	HE	401.0	IAML		16:17	15.47	7	0.20	
AR09	HZ	405.0	EP		16:16	34.38			-0.53
AR09	HE	405.0	IAML		16:17	17.36	47	0.24	
AR09	HN	405.0	IAML		16:17	17.51	59	0.26	
LINV	HZ	438.0	EP		16:16	38.42			-0.62
LINV	HE	438.0	IAML		16:17	24.14	3	0.28	
LINV	HN	438.0	IAML		16:17	25.93	3	0.68	
LAWE	HZ	448.0	EP		16:16	40.08			-0.17
LAWE	HN	448.0	IAML		16:17	28.83	4	0.22	
LAWE	HE	448.0	IAML		16:17	30.05	4	0.34	

May 30 2022 Time: 20:53 13.0 UTC Magnitude: 0.9 ML
Lat: 55.868 Lon: -5.549 Depth: 7.5 km
Grid Ref: 177.98 kmE 669.56 kmN RMS: 0.30 secs
Locality: ORMSARY,ARGYLL & BUTE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 5KM SE ORMSARY

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
LAWE	HZ	44.7	EP		20:53	20.74			-0.09
LAWE	HE	44.7	ES		20:53	26.39			-0.13
LAWE	HE	44.7	IAML		20:53	27.50	7	0.09	
LAWE	HN	44.7	IAML		20:53	28.65	5	0.12	
PGB1	HZ	67.0	EP		20:53	24.65			0.34
PGB1	HN	67.0	ES		20:53	32.25			-0.29
PGB1	HE	67.0	IAML		20:53	35.48	5	0.07	
PGB1	HN	67.0	IAML		20:53	35.81	6	0.16	
EAB	HZ	83.6	EP		20:53	27.04			0.15
EAB	HN	83.6	ES		20:53	36.85			-0.15
EAB	HN	83.6	IAML		20:53	38.47	4	0.11	
EAB	HE	83.6	IAML		20:53	38.98	5	0.15	
CLGH	HZ	94.3	EP		20:53	28.19			-0.35
CLGH	HN	94.3	ES		20:53	39.88			0.02
CLGH	HE	94.3	IAML		20:53	42.36	6	0.14	
CLGH	HN	94.3	IAML		20:53	42.57	6	0.20	
INVG	HZ	112.0	EP		20:53	31.73			0.37
INVG	HE	112.0	IAML		20:53	46.73	3	0.10	
INVG	HN	112.0	IAML		20:53	46.97	3	0.11	
NEWG	HN	118.0	ES		20:53	45.98			-0.22
NEWG	HN	118.0	IAML		20:53	48.20	3	0.20	
NEWG	HE	118.0	IAML		20:53	48.48	3	0.12	
GAL1	HZ	123.0	EP		20:53	33.66			0.62
GAL1	HN	123.0	IAML		20:53	50.00	2	0.25	
GAL1	HE	123.0	IAML		20:53	50.46	2	0.16	

TABLE 2 : PHASE DATA

GVIE	HZ	150.0	EP		20:53	36.97			-0.01	
GVIE	HE	150.0	IAML		20:53	58.18	3	0.26		
GVIE	HN	150.0	IAML		20:53	59.17	2	0.18		
ESK	HN	160.0	IAML		20:53	58.90	2	0.30		
ESK	HE	160.0	IAML		20:53	59.49	2	0.25		
PITL	HN	161.0	IAML		20:54	01.32	3	0.08		
PITL	HE	161.0	IAML		20:54	01.45	2	0.06		

June 1 2022 Time: 01:51 22.7 UTC Magnitude: 2.7 ML
Lat: 53.877 Lon: -2.135 Depth: 15.9 km
Grid Ref: 391.13 kmE 442.34 kmN RMS: 0.50 secs
Locality: COLNE,LANCASHIRE
Velocity model: Lownet Xnear: 150.0 Xfar: 300.0
Comment: FELT COLNE... Intensity: 4

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AR05	HZ	14.8	IP		C	01:51	26.55			0.03
AR05	HE	14.8	ES			01:51	29.33			0.02
AR05	HN	14.8	IAML			01:51	29.56	4561	0.11	
AR05	HE	14.8	IAML			01:51	29.67	5969	0.24	
AR01	HZ	23.9	IP		C	01:51	27.77			0.09
AR01	HN	23.9	ES			01:51	31.22			-0.09
AR01	HN	23.9	IAML			01:51	31.87	1156	0.10	
AR01	HE	23.9	IAML			01:51	32.10	1875	0.12	
AR07	HZ	25.0	IP		D	01:51	28.13			0.30
AR07	HE	25.0	ES			01:51	31.95			0.38
AR07	HE	25.0	IAML			01:51	32.47	2632	0.21	
AR07	HN	25.0	IAML			01:51	33.06	4186	0.30	
HPK	HZ	34.7	IP		C	01:51	29.00			-0.21
HPK	HE	34.7	ES			01:51	33.53			-0.43
HPK	HN	34.7	IAML			01:51	33.74	1534	0.14	
HPK	HE	34.7	IAML			01:51	34.93	1179	0.17	
AS02	HZ	37.3	IP		D	01:51	29.35			-0.25
AS02	HN	37.3	ES			01:51	34.04			-0.58
AS02	HE	37.3	IAML			01:51	34.57	757	0.12	
AS02	HN	37.3	IAML			01:51	34.79	545	0.12	
AR09	HZ	43.6	IP		D	01:51	30.51			-0.07
AR09	HE	43.6	IAML			01:51	36.40	1454	0.10	
AR09	HN	43.6	IAML			01:51	37.62	1247	0.09	
AS07	HZ	43.8	IP		C	01:51	30.43			-0.16
AS07	HN	43.8	ES			01:51	35.52			-0.82
AS07	HE	43.8	IAML			01:51	35.84	1402	0.10	
AS07	HN	43.8	IAML			01:51	35.94	1294	0.14	
AQ10	HZ	45.7	EP			01:51	31.14			0.34
AQ10	HE	45.7	ES			01:51	36.84			0.13
AQ10	HE	45.7	IAML			01:51	37.94	1172	0.18	
AQ10	HN	45.7	IAML			01:51	38.15	1034	0.13	
AQ06	HZ	51.4	IP		C	01:51	31.85			0.18
AQ06	HN	51.4	ES			01:51	38.61			0.40
AQ06	HN	51.4	IAML			01:51	38.87	1572	0.20	
AQ06	HE	51.4	IAML			01:51	38.89	1160	0.18	
LBWR	HZ	59.5	IP		D	01:51	32.74			-0.22
LBWR	HN	59.5	ES			01:51	40.39			-0.05
LBWR	HN	59.5	IAML			01:51	41.47	302	0.10	
LBWR	HE	59.5	IAML			01:51	41.94	276	0.13	
AQ12	HZ	74.2	IP		D	01:51	35.36			0.14
AQ12	HE	74.2	IAML			01:51	44.52	290	0.08	
AQ12	HN	74.2	IAML			01:51	45.10	166	0.17	
AS10	HZ	77.7	EP			01:51	35.96			0.28
AS10	HE	77.7	ES			01:51	45.12			-0.03
AS10	HN	77.7	IAML			01:51	46.72	775	0.20	
AS10	HE	77.7	IAML			01:51	46.86	695	0.28	
AU07	HZ	81.4	IP		C	01:51	36.44			0.24
AU07	HN	81.4	IAML			01:51	49.58	774	0.39	
AU07	HE	81.4	IAML			01:51	50.93	528	0.29	
AT10	HZ	83.3	IP		C	01:51	36.58			0.07
AT10	HN	83.3	IAML			01:51	48.43	522	0.18	
AT10	HE	83.3	IAML			01:51	48.45	882	0.18	
AU11	HZ	86.4	IP		C	01:51	37.29			0.39
AU11	HN	86.4	IAML			01:51	49.07	356	0.20	
AU11	HE	86.4	IAML			01:51	49.20	335	0.32	
STNC	HZ	87.6	IP		D	01:51	37.71			0.60
STNC	HN	87.6	ES			01:51	48.53			0.91
STNC	HE	87.6	IAML			01:51	50.29	306	0.20	
STNC	HN	87.6	IAML			01:51	50.68	295	0.16	
AP12	HZ	88.4	IP		D	01:51	37.69			0.47
AP12	HN	88.4	IAML			01:51	49.07	329	0.25	
AP12	HE	88.4	IAML			01:51	49.24	439	0.24	
AT12	HZ	89.9	EP			01:51	37.59			0.19
AT12	HN	89.9	IAML			01:51	50.17	783	0.16	
AT12	HE	89.9	IAML			01:51	50.35	584	0.16	
AU08	HZ	100.0	EP			01:51	39.47			0.54
AU08	HE	100.0	IAML			01:51	53.78	156	0.19	
AU08	HN	100.0	IAML			01:51	53.79	188	0.28	
KESW	HZ	101.0	IP		D	01:51	39.50			0.41
KESW	HN	101.0	ES			01:51	51.13			0.09
KESW	HE	101.0	IAML			01:51	52.36	272	0.35	
KESW	HN	101.0	IAML			01:51	52.39	238	0.18	
AU18	HZ	102.0	IP		C	01:51	39.55			0.41
AU18	HE	102.0	IAML			01:51	53.11	159	0.28	
AU18	HN	102.0	IAML			01:51	53.12	360	0.28	
GDLE	HZ	105.0	EP			01:51	39.92			0.27
GDLE	HN	105.0	ES			01:51	52.41			0.40
GDLE	HE	105.0	IAML			01:51	55.44	474	0.30	
GDLE	HN	105.0	IAML			01:51	55.60	457	0.35	
EDMD	HZ	107.0	IP		D	01:51	39.76			-0.04
EDMD	HE	107.0	IAML			01:51	52.89	416	0.24	
EDMD	HN	107.0	IAML			01:51	53.55	652	0.31	
LMK	HZ	128.0	EP			01:51	43.26			0.34
LMK	HE	128.0	IAML			01:52	00.76	309	0.30	
LMK	HN	128.0	IAML			01:52	05.10	286	0.38	
FOEL	HZ	131.0	IP		C	01:51	43.12			-0.21
FOEL	HE	131.0	ES			01:51	59.05			0.68
FOEL	HE	131.0	IAML			01:52	00.67	140	0.24	
FOEL	HN	131.0	IAML			01:52	01.00	197	0.39	
CWF	HZ	138.0	EP			01:51	44.08			-0.25
CWF	HE	138.0	IAML			01:52	01.82	112	0.13	
CWF	HN	138.0	IAML			01:52	02.47	129	0.12	
HLM1	HZ	159.0	EP			01:51	46.78			-0.47
HLM1	HN	159.0	ES			01:52	04.40			-0.77
HLM1	HE	159.0	IAML			01:52	08.06	167	0.29	
HLM1	HN	159.0	IAML			01:52	08.51	89	0.13	
WLF1	HZ	163.0	EP			01:51	46.94			-0.76
WLF1	HN	163.0	IAML			01:52	07.32	44	0.23	
WLF1	HE	163.0	IAML			01:52	07.37	37	0.20	
WPS	HZ	165.0	EP			01:51	46.93			-0.97
WPS	HE	165.0	IAML			01:52	08.37	35	0.22	
WPS	HN	165.0	IAML			01:52	08.53	36	0.20	
IOMK	HZ	165.0	EP			01:51	47.15			-0.75
ESK	HZ	175.0	EP			01:51	48.21			-0.92
ESK	HE	175.0	IAML			01:52	14.72	32	0.32	
ESK	HN	175.0	IAML			01:52	15.97	31	0.30	
NEWG	HZ	194.0	EP			01:51	50.50			-0.99
NEWG	HE	194.0	IAML			01:52	20.00	16	0.13	
NEWG	HN	194.0	IAML			01:52	20.03	23	0.36	
GAL1	HZ	200.0	EP			01:51	51.58			-0.75
GAL1	HN	200.0	IAML			01:52	20.44	39	0.18	
GAL1	HE	200.0	IAML			01:52	22.91	17	0.44	
MCH1	HZ	217.0	EP			01:51	54.18			-0.26
MCH1	HE	217.0	IAML			01:52	24.31	56	0.28	
MCH1	HN	217.0	IAML			01:52	24.54	66	0.18	
ESY	HZ	229.0	EP			01:51	55.16			-0.82
ESY	HN	229.0	IAML			01:52	31.08	19	0.22	
ESY	HE	229.0	IAML			01:52	32.38	18	0.54	
MONM	HZ	231.0	EP			01:51	56.22			0.03
MONM	HN	231.0	IAML			01:52	28.16	51	0.29	
MONM	HE	231.0	IAML			01:52	29.17	53	0.32	
STRD	HZ	234.0	EP			01:51	56.88			0.35
STRD	HE	234.0	IAML			01:52	27.97	68	0.23	
STRD	HN	234.0	IAML			01:52	30.19	81	0.34	
EDI	HZ	238.0	EP			01:51	56.52			-0.46
OLDB	HZ	248.0	EP			01:51	58.42			0.13
OLDB	HN	248.0	IAML			01:52	31.88	192	0.42	
OLDB	HE	248.0	IAML			01:52	33.76	267	0.38	
PGB1	HZ	263.0	EP			01:51	59.53			-0.63
PGB1	HN	263.0	IAML			01:52	40.28	33	0.46	
PGB1	HE	263.0	IAML			01:52	41.25	40	0.36	
RSBS	HZ	277.0	EP			01:52	01.05			-0.88
RSBS	HN	277.0	IAML			01:52	42.10	29	0.26	
RSBS	HE	277.0	IAML			01:52	44.88	24	0.18	
INVG	HZ	309.0	EP			01:52	05.07			-0.86
PITL	HZ	340.0	EP			01:52	09.50			-0.40
PITL	HN	340.0	IAML			01:52	44.30	4	0.34	
PITL	HE	340.0	IAML			01:52	45.24	6	0.14	
TARL	HZ	369.0	EP			01:52	12.72			-0.68
TARL	HN	369.0	IAML			01:52	50.12	9	0.40	
TARL	HE	369.0	IAML			01:52	50.58	14	0.26	

June 1 2022 Time: 18:15 29.0 UTC Magnitude: 1.3 ML
Lat: 53.126 Lon: -0.058 Depth: 7.6 km
Grid Ref: 529.93 kmE 360.55 kmN RMS: 0.30 secs
Locality: MAREHAM-LE-FEN,LINCS
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LMK	HZ	40.9	IP		D	18:15	36.58			0.35
LMK	HE	40.9	ES			18:15	42.04			0.54
LMK	HN	40.9	IAML			18:15	43.01	95	0.30	
LMK	HE	40.9	IAML			18:15	43.36	41	0.19	
WACR	HZ	64.2	EP			18:15	39.87			0.04
WACR	HE	64.2	ES			18:15	47.84			0.12
WACR	HE	64.2	IAML			18:15	49.11	10	0.09	
WACR	HN	64.2	IAML			18:15	50.61	11	0.06	
CWF	HZ	94.4	EP			18:15	44.58			0.04
CWF	HE	94.4	ES			18:15	56.03			0.16
CWF	HE	94.4	IAML			18:15	56.69	4	0.12	
CWF	HN	94.4	IAML			18:15	56.77	6	0.23	
LBWR	HZ	115.0	EP			18:15	47.78			-0.03
LBWR	HN	115.0	ES			18:16	01.09			-0.44
LBWR	HE	115.0	IAML			18:16	02.21	12	0.22	
LBWR	HN	115.0	IAML			18:16	02.42	19	0.26	
AU08	HZ	118.0	EP			18:15	47.80			-0.39
AU08	HN	118.0	ES			18:16	02.04			-0.14
AU08	HN	118.0	IAML			18:16	03.72	5	0.19	
AU08	HE	118.0	IAML			18:16	04.11	5	0.17	
AV06	HN	119.0	ES			18:16	01.95			-0.45
AV06	HE	119.0	IAML			18:16	02.51	10	0.16	
AV06	HN	119.0	IAML			18:16	04.19	8	0.54	
ELMS	HZ	135.0	EP			18:15	50.01			-0.65
ELMS	HE	135.0	IAML			18:16	07.24	6	0.29	

TABLE 2 : PHASE DATA

ELMS	HN	135.0	IAML		18:16	08.94	9	0.16	

June 1 2022 Time: 19:43 01.6 UTC Magnitude: 1.7 ML
Lat: 49.639 Lon: -1.926 Depth: 2.2 km
Grid Ref: 405.34 kmE -28.96 kmN RMS: 0.40 secs
Locality: ENGLISH CHANNEL
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 44KM NNE JERSEY

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
BESN	HZ	37.1	IP		D	19:43	08.14			-0.30
BESN	HE	37.1	ES			19:43	13.26			-0.17
BESN	HN	37.1	IAML			19:43	13.69	40	0.23	
BESN	HE	37.1	IAML			19:43	14.30	54	0.28	
JDG	EZ	50.2	EP			19:43	10.57			-0.08
JDG	EE	50.2	IAML			19:43	17.31	22	0.11	
JDG	EN	50.2	IAML			19:43	19.40	16	0.22	
JDC	EZ	50.2	EP			19:43	10.67			0.02
JDC	EN	50.2	IAML			19:43	20.22	131	0.20	
JDC	EE	50.2	IAML			19:43	20.88	134	0.16	
JSA	HZ	53.3	EP			19:43	11.05			-0.08
JSA	HE	53.3	ES			19:43	17.86			-0.22
JSA	HN	53.3	IAML			19:43	19.86	20	0.11	
JSA	HE	53.3	IAML			19:43	20.08	21	0.10	
SROF	HZ	88.8	EP			19:43	16.57			-0.08
SROF	HN	88.8	ES			19:43	27.32			-0.31
SROF	HE	88.8	IAML			19:43	28.53	19	0.14	
SROF	HN	88.8	IAML			19:43	28.90	21	0.14	
LOUF	HZ	117.0	EP			19:43	21.62			0.63
LOUF	HE	117.0	ES			19:43	35.95			0.81
LOUF	HE	117.0	IAML			19:43	36.61	16	0.12	
LOUF	HN	117.0	IAML			19:43	36.70	29	0.16	
PLEF	HZ	131.0	EP			19:43	23.71			0.55
PLEF	H1	131.0	ES			19:43	38.89			0.00
PLEF	H2	131.0	IAML			19:43	40.32	48	0.16	
PLEF	H1	131.0	IAML			19:43	40.54	38	0.20	
LOCF	HZ	166.0	EP			19:43	27.19			-1.05
LOCF	HN	166.0	IAML			19:43	50.10	8	0.15	
LOCF	HE	166.0	IAML			19:43	52.83	9	0.21	
DYA	HZ	169.0	EP			19:43	28.89			0.25
DYA	HN	169.0	IAML			19:43	50.15	31	0.20	
DYA	HE	169.0	IAML			19:43	50.64	16	0.22	
VALM	HN	177.0	ES			19:43	51.03			0.87
VALM	HN	177.0	IAML			19:43	51.83	40	0.32	
VALM	HE	177.0	IAML			19:43	52.87	21	0.28	
SBD	BN	223.0	IAML			19:44	04.58	9	0.27	
SBD	BE	223.0	IAML			19:44	06.25	7	0.11	
HTL	HN	236.0	IAML			19:44	09.21	10	0.32	
HTL	HE	236.0	IAML			19:44	09.35	9	0.38	
CCA1	HE	245.0	IAML			19:44	12.69	4	0.43	
CCA1	HN	245.0	IAML			19:44	14.85	5	0.40	

June 1 2022 Time: 19:47 30.6 UTC Magnitude: 1.8 ML
Lat: 49.627 Lon: -1.925 Depth: 2.1 km
Grid Ref: 405.42 kmE -30.30 kmN RMS: 0.40 secs
Locality: ENGLISH CHANNEL
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 43KM NNE JERSEY

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
BESN	HZ	36.0	EP			19:47	36.93			-0.33
BESN	HN	36.0	ES			19:47	42.01			-0.11
BESN	HN	36.0	IAML			19:47	42.35	44	0.18	
BESN	HE	36.0	IAML			19:47	43.09	61	0.28	
JDC	EZ	48.9	EP			19:47	39.62			0.18
JDC	EN	48.9	IAML			19:47	48.99	158	0.20	
JDC	EE	48.9	IAML			19:47	49.65	150	0.16	
JDG	EE	48.9	IAML			19:47	46.03	30	0.32	
JDG	EN	48.9	IAML			19:47	48.33	21	0.34	
JSA	HZ	52.1	EP			19:47	39.93			-0.02
JSA	HE	52.1	ES			19:47	46.67			-0.10
JSA	HN	52.1	IAML			19:47	48.65	25	0.11	
JSA	HE	52.1	IAML			19:47	48.85	23	0.09	
SROF	HZ	87.8	EP			19:47	45.42			-0.07
SROF	HE	87.8	IAML			19:47	57.30	22	0.14	
SROF	HN	87.8	IAML			19:47	57.68	26	0.12	
LOUF	HZ	116.0	EP			19:47	50.38			0.57
LOUF	HN	116.0	IAML			19:48	05.49	35	0.16	
LOUF	HE	116.0	IAML			19:48	06.09	20	0.16	
PLEF	HZ	130.0	EP			19:47	52.30			0.33
PLEF	H2	130.0	IAML			19:48	09.08	53	0.16	
PLEF	H1	130.0	IAML			19:48	09.32	39	0.18	
LOCF	HZ	166.0	EP			19:47	55.92			-1.22
LOCF	HN	166.0	IAML			19:48	18.90	7	0.19	
LOCF	HE	166.0	IAML			19:48	21.62	9	0.26	
DYA	HZ	170.0	EP			19:47	57.52			-0.25
DYA	HN	170.0	IAML			19:48	18.90	33	0.20	
DYA	HE	170.0	IAML			19:48	19.41	17	0.20	
VALM	HN	177.0	ES			19:48	19.93			0.74
VALM	HN	177.0	IAML			19:48	20.62	51	0.34	
VALM	HE	177.0	IAML			19:48	21.64	28	0.28	
SBD	BN	223.0	IAML			19:48	33.54	10	0.38	
SBD	BE	223.0	IAML			19:48	34.97	7	0.10	
HTL	HN	237.0	IAML			19:48	37.99	11	0.34	
HTL	HE	237.0	IAML			19:48	38.02	9	0.20	
CCA1	HE	245.0	IAML			19:48	41.27	4	0.36	
CCA1	HN	245.0	IAML			19:48	43.83	5	0.44	

June 2 2022 Time: 06:51 57.6 UTC Magnitude: 1.1 ML
Lat: 53.879 Lon: -2.110 Depth: 15.3 km
Grid Ref: 392.77 kmE 442.56 kmN RMS: 0.30 secs
Locality: COLNE,LANCASHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AR05	HZ	13.9	IP		C	06:52	01.48			0.22
AR05	HE	13.9	ES			06:52	04.27			0.35
AR05	HN	13.9	IAML			06:52	04.42	66	0.10	
AR05	HE	13.9	IAML			06:52	04.47	43	0.20	
AR01	HZ	25.0	EP			06:52	02.69			0.00
AR01	HN	25.0	ES			06:52	06.15			-0.24
AR01	HE	25.0	IAML			06:52	07.01	72	0.10	
AR01	HN	25.0	IAML			06:52	07.13	50	0.17	
HPK	HZ	33.1	EP			06:52	03.94			0.08
HPK	HN	33.1	ES			06:52	08.39			-0.02
HPK	HN	33.1	IAML			06:52	08.56	25	0.12	
HPK	HE	33.1	IAML			06:52	08.93	27	0.20	
AS02	HZ	37.0	EP			06:52	04.35			-0.09
AS02	HE	37.0	IAML			06:52	09.48	11	0.14	
AS02	HN	37.0	IAML			06:52	09.77	12	0.18	
AS07	HZ	43.2	EP			06:52	05.40			0.01
AS07	HN	43.2	ES			06:52	10.45			-0.61
AS07	HE	43.2	IAML			06:52	10.77	27	0.12	
AS07	HN	43.2	IAML			06:52	10.86	26	0.14	
LBWR	HZ	58.9	EP			06:52	07.62			-0.14
LBWR	HE	58.9	IAML			06:52	16.35	7	0.19	
LBWR	HN	58.9	IAML			06:52	16.43	15	0.20	
AQ12	HZ	74.9	IP		C	06:52	10.38			0.15
AQ12	HN	74.9	IAML			06:52	19.44	4	0.05	
AQ12	HE	74.9	IAML			06:52	19.45	6	0.10	
AT10	HN	82.0	IAML			06:52	23.10	13	0.38	
AT10	HE	82.0	IAML			06:52	23.38	19	0.17	
EDMD	HZ	106.0	EP			06:52	14.71			0.00
EDMD	HE	106.0	IAML			06:52	27.70	12	0.28	
EDMD	HN	106.0	IAML			06:52	28.56	11	0.20	
FOEL	HZ	132.0	EP			06:52	18.76			0.34
FOEL	HE	132.0	IAML			06:52	35.58	3	0.36	
FOEL	HN	132.0	IAML			06:52	35.72	4	0.45	
HLM1	HZ	160.0	EP			06:52	22.99			0.69
HLM1	HE	160.0	IAML			06:52	42.83	3	0.26	
HLM1	HN	160.0	IAML			06:52	42.98	2	0.22	

June 3 2022 Time: 04:06 36.4 UTC Magnitude: 0.9 ML
Lat: 53.877 Lon: -2.109 Depth: 16.1 km
Grid Ref: 392.83 kmE 442.34 kmN RMS: 0.20 secs
Locality: COLNE,LANCASHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AR05	HZ	14.0	EP			04:06	40.28			0.18
AR05	HE	14.0	ES			04:06	43.07			0.24
AR05	HN	14.0	IAML			04:06	43.24	32	0.10	
AR05	HE	14.0	IAML			04:06	43.42	27	0.11	
AR01	HZ	24.9	EP			04:06	41.54			0.08
AR01	HE	24.9	ES			04:06	45.10			-0.10
AR01	HE	24.9	IAML			04:06	45.84	31	0.10	
AR01	HN	24.9	IAML			04:06	45.88	23	0.18	
HPK	HZ	33.1	EP			04:06	42.75			0.13
HPK	HE	33.1	ES			04:06	47.25			0.05
HPK	HE	33.1	IAML			04:06	47.75	18	0.30	
HPK	HN	33.1	IAML			04:06	47.96	14	0.16	
AS02	HZ	36.8	EP			04:06	43.21			0.03
AS02	HN	36.8	ES			04:06	47.91			-0.25
AS02	HN	36.8	IAML			04:06	48.21	7	0.08	
AS02	HE	36.8	IAML			04:06	48.26	10	0.10	
AS07	HZ	43.4	EP			04:06	44.17			-0.00
AS07	HN	43.4	ES			04:06	49.29			-0.59
AS07	HN	43.4	IAML			04:06	49.51	14	0.10	
AS07	HE	43.4	IAML			04:06	49.54	14	0.10	
LBWR	HZ	58.7	EP			04:06	46.54			0.06
LBWR	HN	58.7	IAML			04:06	55.25	8	0.20	
AQ12	HZ	75.1	EP			04:06	49.18			0.19
AQ12	HN	75.1	IAML			04:06	58.27	1	0.10	
AQ12	HE	75.1	IAML			04:06	59.10	3	0.06	
EDMD	HE	107.0	IAML			04:07	06.51	7	0.28	
EDMD	HN	107.0	IAML			04:07	07.20	7	0.14	

June 3 2022 Time: 14:18 13.9 UTC Magnitude: 1.0 ML
Lat: 57.160 Lon: -5.651 Depth: 7.3 km
Grid Ref: 179.25 kmE 813.57 kmN RMS: 0.20 secs
Locality: LOCH HOURN,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 5KM WNW ARNISDALE

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	20.0	EP			14:18	18.06			0.23
KPL	HN	20.0	ES			14:18	20.73			0.01
KPL	HN	20.0	IAML			14:18	20.97	22	0.18	
KPL	HE	20.0	IAML			14:18	21.02	40	0.20	
LAWE	HZ	101.0	EP			14:18	30.30			-0.17
LAWE	HN	101.0	IAML			14:18	45.78	7	0.16	
LAWE	HE	101.0	IAML			14:18	45.84	7	0.16	
LINV	HE	113.0	ES			14:18	45.60			-0.15

TABLE 2 : PHASE DATA

LINV	HE	113.0	IAML		14:18	47.97	11	0.16		
LINV	HN	113.0	IAML		14:18	47.98	3	0.16		
INVG	HZ	128.0	EP		14:18	34.40			-0.12	
INVG	HN	128.0	IAML		14:18	50.24	3	0.44		
INVG	HE	128.0	IAML		14:18	50.38	3	0.22		
PITL	HZ	130.0	EP		14:18	34.78			-0.17	
PITL	HE	130.0	IAML		14:18	51.38	3	0.17		
PITL	HN	130.0	IAML		14:18	51.62	3	0.11		
EAB	HN	135.0	ES		14:18	51.78			0.41	
EAB	HN	135.0	IAML		14:18	53.01	3	0.10		
EAB	HE	135.0	IAML		14:18	53.24	3	0.23		

June 3 2022 Time: 19:13 38.3 UTC Magnitude: 0.1 ML
Lat: 50.111 Lon: -5.176 Depth: 5.1 km
Grid Ref: 172.95 kmE 28.34 kmN RMS: 0.00 secs
Locality: CONSTANTINE,CORNWALL
Velocity model: Cornwall Xnear: 200.0 Xfar: 500.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
CCA1	HZ	9.2	EP			19:13	40.16			-0.00
CCA1	HE	9.2	ES			19:13	41.59			0.00
CCA1	HN	9.2	IAML			19:13	41.66	5	0.06	
CCA1	HE	9.2	IAML			19:13	41.66	12	0.07	
GEL05	CZ	9.2	EP			19:13	40.18			0.02
GEL05	CE	9.2	ES			19:13	41.59			-0.00
GEL05	CN	9.2	IAML			19:13	41.65	5	0.07	
GEL05	CE	9.2	IAML			19:13	41.66	15	0.06	
GEL02	CZ	10.3	EP			19:13	40.26			-0.06
GEL02	CN	10.3	ES			19:13	41.88			0.01
GEL02	CE	10.3	IAML			19:13	42.02	20	0.12	
GEL02	CN	10.3	IAML			19:13	42.11	12	0.08	
GEL07	CZ	13.2	IP		C	19:13	40.82			0.05
GEL07	CN	13.2	ES			19:13	42.71			0.04
GEL07	CE	13.2	IAML			19:13	42.80	3	0.11	
GEL07	CN	13.2	IAML			19:13	42.81	5	0.15	
GEL03	CZ	13.5	IP		C	19:13	40.83			0.00
GEL03	CE	13.5	ES			19:13	42.76			-0.01
GEL03	CE	13.5	IAML			19:13	42.83	6	0.06	
GEL03	CN	13.5	IAML			19:13	43.19	8	0.10	
GEL09	CE	14.6	ES			19:13	43.06			-0.03
GEL09	CE	14.6	IAML			19:13	43.14	18	0.07	
GEL09	CN	14.6	IAML			19:13	43.32	7	0.05	

June 6 2022 Time: 06:51 11.9 UTC Magnitude: 1.2 ML
Lat: 54.088 Lon: -3.121 Depth: 2.6 km
Grid Ref: 326.68 kmE 466.39 kmN RMS: 0.40 secs
Locality: RAMPSIDE,CUMBRIA
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AP12	HZ	26.5	EP			06:51	16.73			-0.15
AP12	HN	26.5	ES			06:51	20.43			-0.08
AP12	HE	26.5	IAML			06:51	20.93	15	0.12	
AP12	HN	26.5	IAML			06:51	20.95	11	0.13	
AQ10	HZ	27.3	EP			06:51	16.85			-0.13
AQ10	HN	27.3	ES			06:51	20.61			-0.07
AQ10	HN	27.3	IAML			06:51	20.80	212	0.26	
AQ10	HE	27.3	IAML			06:51	21.23	140	0.18	
AQ12	HZ	45.6	EP			06:51	19.99			-0.18
AQ12	HN	45.6	ES			06:51	25.84			-0.35
AQ12	HE	45.6	IAML			06:51	26.33	17	0.15	
AQ12	HN	45.6	IAML			06:51	26.50	16	0.10	
AR09	HZ	47.0	IP		C	06:51	20.25			-0.16
AR09	HN	47.0	ES			06:51	26.39			-0.22
AR09	HN	47.0	IAML			06:51	26.94	32	0.08	
AR09	HE	47.0	IAML			06:51	27.46	31	0.07	
KESW	HZ	55.7	IP		C	06:51	21.81			0.04
KESW	HE	55.7	ES			06:51	28.70			-0.27
KESW	HN	55.7	IAML			06:51	29.34	14	0.27	
KESW	HE	55.7	IAML			06:51	30.35	24	0.59	
AS07	HZ	79.4	IP		C	06:51	25.52			0.06
AS07	HE	79.4	IAML			06:51	39.40	9	0.15	
AS07	HN	79.4	IAML			06:51	39.73	8	0.16	
AS02	HN	95.5	ES			06:51	39.49			-0.15
AS02	HE	95.5	IAML			06:51	39.79	7	0.20	
AS02	HN	95.5	IAML			06:51	40.53	10	0.14	
IOMK	HZ	96.3	EP			06:51	28.17			0.12
IOMK	HN	96.3	IAML			06:51	40.86	4	0.10	
IOMK	HE	96.3	IAML			06:51	40.89	4	0.21	
AS10	HZ	98.5	EP			06:51	29.05			0.67
AS10	HN	98.5	IAML			06:51	44.43	19	0.26	
AS10	HE	98.5	IAML			06:51	44.73	22	0.22	
EDMD	HZ	112.0	EP			06:51	31.10			0.70
EDMD	HN	112.0	IAML			06:51	46.16	29	0.40	
EDMD	HE	112.0	IAML			06:51	46.49	24	0.18	
WPS	HZ	119.0	EP			06:51	30.80			-0.70
LBWR	HZ	120.0	EP			06:51	32.30			0.60
LBWR	HN	120.0	IAML			06:51	48.82	7	0.26	
LBWR	HE	120.0	IAML			06:51	48.98	8	0.24	
FOEL	HZ	134.0	EP			06:51	33.67			-0.18
FOEL	HN	134.0	IAML			06:51	50.85	5	0.28	
FOEL	HE	134.0	IAML			06:51	53.99	6	0.51	
GAL1	HZ	135.0	EP			06:51	34.51			0.56
GAL1	HN	135.0	IAML			06:51	50.13	3	0.36	
GAL1	HE	135.0	IAML			06:51	50.72	2	0.40	
NEWG	HZ	135.0	IP		D	06:51	34.60			0.57
ESK	HN	137.0	IAML			06:51	52.86	4	0.18	
ESK	HE	137.0	IAML			06:51	55.53	5	0.34	

June 7 2022 Time: 03:01 53.3 UTC Magnitude: 0.7 ML
Lat: 54.080 Lon: -3.124 Depth: 2.6 km
Grid Ref: 326.47 kmE 465.50 kmN RMS: 0.40 secs
Locality: RAMPSIDE,CUMBRIA
Velocity model: Lownet Xnear: 500.0 Xfar: 1000.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AQ10	HN	26.8	ES			03:02	01.99			0.01
AQ10	HN	26.8	IAML			03:02	02.30	54	0.27	
AQ10	HE	26.8	IAML			03:02	02.68	36	0.15	
AP12	HZ	27.3	EP			03:01	58.20			-0.25
AP12	HN	27.3	ES			03:02	01.91			-0.27
AP12	HE	27.3	IAML			03:02	02.15	5	0.23	
AP12	HN	27.3	IAML			03:02	02.35	4	0.10	
AR07	HZ	44.6	EP			03:02	01.03			-0.36
AR07	HN	44.6	ES			03:02	06.80			-0.47
AR07	HN	44.6	IAML			03:02	07.71	16	0.27	
AR07	HE	44.6	IAML			03:02	08.02	9	0.25	
AQ02	HZ	45.8	EP			03:02	02.22			0.66
AR09	HZ	47.5	EP			03:02	01.74			-0.19
AR09	HN	47.5	ES			03:02	07.79			-0.41
AR09	HN	47.5	IAML			03:02	08.79	12	0.07	
AR09	HE	47.5	IAML			03:02	08.85	12	0.10	
KESW	HZ	56.7	EP			03:02	03.20			-0.15
KESW	HN	56.7	ES			03:02	10.15			-0.51
KESW	HN	56.7	IAML			03:02	11.33	4	0.30	
KESW	HE	56.7	IAML			03:02	11.49	5	0.43	
AR05	HE	73.1	ES			03:02	15.40			0.34
AR05	HE	73.1	IAML			03:02	15.87	3	0.20	
AR05	HN	73.1	IAML			03:02	19.00	4	0.16	
AS02	HN	95.1	ES			03:02	21.02			0.05
AS02	HE	95.1	IAML			03:02	23.94	2	0.18	
AS02	HN	95.1	IAML			03:02	24.09	3	0.27	
IOMK	HE	96.3	EP			03:02	09.27			-0.21
IOMK	HN	96.3	IAML			03:02	22.25	1	0.11	
IOMK	HE	96.3	IAML			03:02	22.27	1	0.19	
HPK	HN	99.2	IAML			03:02	25.04	5	0.17	
HPK	HE	99.2	IAML			03:02	26.04	4	0.28	
EDMD	HZ	113.0	EP			03:02	12.57			0.60
EDMD	HE	113.0	ES			03:02	26.51			0.95
EDMD	HN	113.0	IAML			03:02	27.82	8	0.20	
EDMD	HE	113.0	IAML			03:02	27.98	6	0.19	
WPS	HZ	118.0	EP			03:02	12.30			-0.52
WPS	HN	118.0	IAML			03:02	28.37	1	0.09	
WPS	HE	118.0	IAML			03:02	29.24	1	0.12	
LBWR	HN	119.0	ES			03:02	27.53			0.06
LBWR	HE	119.0	IAML			03:02	30.47	3	0.25	
LBWR	HN	119.0	IAML			03:02	30.98	2	0.22	
WLF1	HZ	122.0	EP			03:02	13.47			0.08
WLF1	HN	122.0	ES			03:02	27.81			-0.21
WLF1	HN	122.0	IAML			03:02	28.94	1	0.16	
WLF1	HE	122.0	IAML			03:02	28.95	1	0.22	
GAL1	HZ	135.0	EP			03:02	15.96			0.51
GAL1	HE	135.0	IAML			03:02	32.58	0	0.23	
GAL1	HN	135.0	IAML			03:02	33.92	1	0.11	
NEWG	HZ	136.0	EP			03:02	16.07			0.51
NEWG	HE	136.0	IAML			03:02	32.65	1	0.23	
NEWG	HN	136.0	IAML			03:02	33.10	1	0.17	
ESK	HZ	138.0	EP			03:02	16.71			0.85
ESK	HE	138.0	ES			03:02	32.82			0.52
ESK	HN	138.0	IAML			03:02	34.33	1	0.18	
ESK	HE	138.0	IAML			03:02	34.60	1	0.33	

June 7 2022 Time: 03:45 06.7 UTC Magnitude: 0.4 ML
Lat: 54.124 Lon: -1.806 Depth: 7.6 km
Grid Ref: 412.68 kmE 469.83 kmN RMS: 0.40 secs
Locality: RAMSGILL,N YORKSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AS07	HZ	16.8	IP		D	03:45	10.14			-0.08
AS07	HE	16.8	ES			03:45	12.78			-0.00
AS07	HE	16.8	IAML			03:45	12.92	7	0.07	
AS07	HN	16.8	IAML			03:45	13.21	6	0.15	
AR05	HZ	20.3	EP			03:45	10.74			0.00
AR05	HE	20.3	ES			03:45	13.80			0.12
AR05	HE	20.3	IAML			03:45	13.97	5	0.11	
AR05	HN	20.3	IAML			03:45	14.15	5	0.29	
HPK	HZ	22.0	IP		D	03:45	10.74			-0.25
HPK	HE	22.0	ES			03:45	13.85			-0.26
HPK	HN	22.0	IAML			03:45	14.06	8	0.12	
HPK	HE	22.0	IAML			03:45	14.12	7	0.12	
AR09	HE	43.0	ES			03:45	19.49			-0.34
AR09	HN	43.0	IAML			03:45	19.88	14	0.09	
AR09	HE	43.0	IAML			03:45	20.34	10	0.09	
AS02	HE	64.5	ES			03:45	25.26			-0.29
AS02	HE	64.5	IAML			03:45	26.12	1	0.13	
AS02	HN	64.5	IAML			03:45	26.79	3	0.29	
AQ12	HE	70.8	ES			03:45	26.83			-0.43
AQ12	HE	70.8	IAML			03:45	28.88	2	0.08	
AQ12	HN	70.8	IAML			03:45	29.37	1	0.02	
EDMD	HE	79.4	ES			03:45	29.37			-0.06
EDMD	HE	79.4	IAML			03:45	31.63	3	0.21	

TABLE 2 : PHASE DATA

EDMD	HN	79.4	IAML		03:45	31.67	2	0.14	
LBWR	HZ	80.6	EP		03:45	21.05			0.95
LBWR	HE	80.6	ES		03:45	29.68			-0.20
LBWR	HE	80.6	IAML		03:45	30.50	2	0.10	
LBWR	HN	80.6	IAML		03:45	31.02	2	0.08	
AP12	HN	97.5	ES		03:45	34.53			0.16
AP12	HN	97.5	IAML		03:45	35.01	1	0.13	
AP12	HE	97.5	IAML		03:45	37.77	1	0.31	
KESW	HZ	99.0	EP		03:45	23.62			0.68
KESW	HN	99.0	IAML		03:45	36.96	1	0.12	
KESW	HE	99.0	IAML		03:45	37.06	1	0.38	

June 8 2022 Time: 06:57 04.5 UTC Magnitude: 1.4 ML
Lat: 53.832 Lon: -2.021 Depth: 13.0 km
Grid Ref: 398.62 kmE 437.33 kmN RMS: 0.20 secs
Locality: OLDFIELD,W YORKSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AR05	HZ	17.7	IP		D	06:57	08.28			-0.12
AR05	HE	17.7	ES			06:57	11.39			0.14
AR05	HE	17.7	IAML			06:57	11.63	159	0.25	
AR05	HN	17.7	IAML			06:57	11.67	106	0.09	
AR01	HN	25.8	ES			06:57	13.27			0.05
AR01	HE	25.8	IAML			06:57	13.82	40	0.15	
AR01	HN	25.8	IAML			06:57	14.07	31	0.10	
HPK	HZ	29.6	IP		C	06:57	10.03			-0.07
HPK	HE	29.6	ES			06:57	14.22			0.03
HPK	HN	29.6	IAML			06:57	14.44	35	0.15	
HPK	HE	29.6	IAML			06:57	15.04	35	0.13	
AS02	HZ	31.0	EP			06:57	10.38			0.07
AS02	HE	31.0	ES			06:57	14.37			-0.19
AS02	HN	31.0	IAML			06:57	14.74	55	0.08	
AS02	HE	31.0	IAML			06:57	14.81	28	0.14	
LBWR	HZ	51.7	IP		C	06:57	13.54			0.06
LBWR	HE	51.7	ES			06:57	20.01			-0.03
LBWR	HE	51.7	IAML			06:57	21.42	17	0.24	
LBWR	HN	51.7	IAML			06:57	21.56	14	0.17	
AT10	HZ	81.5	EP			06:57	18.17			0.10
AT10	HN	81.5	ES			06:57	27.92			-0.06
AT10	HN	81.5	IAML			06:57	29.69	15	0.33	
AT10	HE	81.5	IAML			06:57	29.76	20	0.33	
KESW	HZ	110.0	EP			06:57	21.82			-0.46
EDMD	HZ	111.0	EP			06:57	22.61			0.20
EDMD	HE	111.0	IAML			06:57	35.00	40	0.17	
EDMD	HN	111.0	IAML			06:57	35.59	23	0.18	
FOEL	HZ	131.0	EP			06:57	25.71			0.40
HLM1	HZ	157.0	EP			06:57	29.32			0.29

June 8 2022 Time: 18:02 50.5 UTC Magnitude: 0.8 ML
Lat: 56.105 Lon: -6.067 Depth: 4.7 km
Grid Ref: 147.14 kmE 697.69 kmN RMS: 0.30 secs
Locality: COLONSAY,ARGYLL & BUTE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: OFFSHORE COLONSAY

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LAWE	HZ	44.9	EP			18:02	58.25			-0.31
LAWE	HN	44.9	ES			18:03	04.14			-0.28
LAWE	HN	44.9	IAML			18:03	04.55	8	0.10	
LAWE	HE	44.9	IAML			18:03	04.56	7	0.13	
EAB	HZ	108.0	EP			18:03	08.59			0.24
EAB	HE	108.0	ES			18:03	21.32			-0.04
EAB	HE	108.0	IAML			18:03	24.14	4	0.11	
EAB	HN	108.0	IAML			18:03	24.65	2	0.12	
CLGH	HN	114.0	ES			18:03	22.77			-0.18
CLGH	HN	114.0	IAML			18:03	23.31	4	0.11	
CLGH	HE	114.0	IAML			18:03	24.03	4	0.15	
INVG	HZ	130.0	EP			18:03	12.52			0.70
INVG	HN	130.0	ES			18:03	27.50			0.14
INVG	HN	130.0	IAML			18:03	29.27	2	0.23	
INVG	HE	130.0	IAML			18:03	29.98	2	0.12	
GVIE	HZ	144.0	EP			18:03	14.14			0.24
GVIE	HE	144.0	IAML			18:03	33.65	2	0.42	
GVIE	HN	144.0	IAML			18:03	34.00	1	0.20	
IDGL	HE	147.0	ES			18:03	31.22			-0.15
GAL1	HE	162.0	ES			18:03	36.06			0.85

June 15 2022 Time: 06:03 50.7 UTC Magnitude: 0.7 ML
Lat: 51.935 Lon: -2.901 Depth: 15.9 km
Grid Ref: 338.06 kmE 226.71 kmN RMS: 0.10 secs
Locality: PONTRILAS,HEREFORDSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
MCH1	HZ	9.7	IP		D	06:03	54.07			0.04
MCH1	HN	9.7	ES			06:03	56.34			-0.09
MCH1	HE	9.7	IAML			06:03	56.85	20	0.03	
MCH1	HN	9.7	IAML			06:03	56.86	26	0.12	
MONM	HZ	12.5	IP		D	06:03	54.16			-0.12
MONM	HN	12.5	ES			06:03	57.01			0.14
MONM	HE	12.5	IAML			06:03	57.14	13	0.11	
MONM	HN	12.5	IAML			06:03	57.18	16	0.10	
STRD	HZ	53.8	EP			06:03	59.90			-0.19
STRD	HE	53.8	ES			06:04	06.98			0.06
STRD	HN	53.8	IAML			06:04	07.02	13	0.28	
STRD	HE	53.8	IAML			06:04	07.30	6	0.10	
HLM1	HZ	65.0	EP			06:04	02.11			0.27
HLM1	HN	65.0	ES			06:04	09.83			-0.11
HLM1	HE	65.0	IAML			06:04	10.48	5	0.16	
HLM1	HN	65.0	IAML			06:04	10.59	3	0.19	
RSBS	HZ	127.0	EP			06:04	10.74			-0.01
RSBS	HN	127.0	IAML			06:04	26.82	2	0.07	
RSBS	HE	127.0	IAML			06:04	27.24	2	0.08	

June 15 2022 Time: 16:46 23.4 UTC Magnitude: 0.9 ML
Lat: 57.720 Lon: -5.396 Depth: 7.6 km
Grid Ref: 197.77 kmE 875.07 kmN RMS: 0.20 secs
Locality: POOLEWE,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	45.1	EP			16:46	31.48			0.29
KPL	HN	45.1	ES			16:46	36.71			-0.20
KPL	HN	45.1	IAML			16:46	36.86	4	0.16	
KPL	HE	45.1	IAML			16:46	37.08	7	0.23	
LINV	HZ	49.0	EP			16:46	31.88			0.07
LINV	HE	49.0	ES			16:46	37.69			-0.28
LINV	HE	49.0	IAML			16:46	37.98	8	0.26	
LINV	HN	49.0	IAML			16:46	44.82	3	0.20	
GVIE	HZ	85.3	EP			16:46	37.32			-0.23
BIGH	HZ	123.0	EP			16:46	43.65			0.39
BIGH	HE	123.0	IAML			16:46	59.50	5	0.19	
BIGH	HN	123.0	IAML			16:46	59.69	6	0.26	
MCD	HZ	129.0	EP			16:46	44.42			0.26
MCD	HE	129.0	ES			16:46	59.31			-0.02
MCD	HE	129.0	IAML			16:47	00.90	4	0.18	
MCD	HN	129.0	IAML			16:47	01.72	5	0.45	
LAWE	HE	163.0	IAML			16:47	10.49	3	0.22	
LAWE	HN	163.0	IAML			16:47	10.83	2	0.11	

June 16 2022 Time: 01:03 01.0 UTC Magnitude: 1.0 ML
Lat: 57.590 Lon: -5.430 Depth: 2.6 km
Grid Ref: 195.02 kmE 860.71 kmN RMS: 0.30 secs
Locality: KINLOCHEWE,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 8KM WSW KINLOCHEWE

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	31.0	EP			01:03	06.76			0.11
KPL	HE	31.0	ES			01:03	10.53			-0.29
GVIE	HZ	75.6	EP			01:03	13.86			-0.11
MCD	HZ	130.0	EP			01:03	22.54			0.19
MCD	HE	130.0	ES			01:03	37.49			-0.48
MCD	HE	130.0	IAML			01:03	39.37	9	0.32	
MCD	HN	130.0	IAML			01:03	39.44	8	0.32	
BIGH	HN	135.0	IAML			01:03	40.72	3	0.36	
BIGH	HE	135.0	IAML			01:03	40.98	3	0.14	
PITL	HZ	140.0	EP			01:03	24.18			0.35
PITL	HN	140.0	IAML			01:03	41.50	2	0.09	
PITL	HE	140.0	IAML			01:03	42.92	2	0.14	
LAWE	HN	148.0	ES			01:03	43.02			0.60
LAWE	HE	148.0	IAML			01:03	44.86	3	0.29	
LAWE	HN	148.0	IAML			01:03	45.88	2	0.17	
INVG	HZ	154.0	EP			01:03	26.31			0.45
INVG	HE	154.0	IAML			01:03	44.88	1	0.35	
INVG	HN	154.0	IAML			01:03	46.46	1	0.19	
TARL	HN	161.0	IAML			01:03	46.63	2	0.30	
TARL	HE	161.0	IAML			01:03	47.12	3	0.10	
EAB	HZ	170.0	EP			01:03	28.61			0.58
EAB	HE	170.0	IAML			01:03	50.07	2	0.30	
EAB	HN	170.0	IAML			01:03	50.54	1	0.42	

June 17 2022 Time: 07:33 27.6 UTC Magnitude: 1.1 ML
Lat: 54.479 Lon: -2.910 Depth: 5.2 km
Grid Ref: 341.04 kmE 509.69 kmN RMS: 0.40 secs
Locality: HARTSOP,CUMBRIA
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 3KM SOUTH HARTSOP

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AQ12	HZ	11.3	IP		D	07:33	30.38			0.22
AQ12	HE	11.3	ES			07:33	32.04			0.04
AQ12	HN	11.3	IAML			07:33	32.08	246	0.10	
AQ12	HE	11.3	IAML			07:33	32.22	208	0.05	
KESW	HZ	17.6	IP		D	07:33	31.55			0.37
KESW	HN	17.6	ES			07:33	33.22			-0.54
KESW	HN	17.6	IAML			07:33	34.31	54	0.23	
KESW	HE	17.6	IAML			07:33	34.48	68	0.10	
AP12	HZ	29.8	EP			07:33	33.19			-0.04
AP12	HN	29.8	ES			07:33	36.82			-0.49
AP12	HE	29.8	IAML			07:33	36.99	12	0.14	
AP12	HN	29.8	IAML			07:33	37.23	15	0.12	
AR09	HZ	41.5	EP			07:33	35.07			-0.11
AR09	HN	41.5	ES			07:33	40.16			-0.52
AR09	HE	41.5	IAML			07:33	40.49	56	0.10	
AR09	HN	41.5	IAML			07:33	40.60	70	0.08	
AR07	HZ	61.3	EP			07:33	38.44			0.25
AR07	HE	61.3	IAML			07:33	48.12	14	0.26	
AR07	HN	61.3	IAML			07:33	48.44	12	0.38	
AS07	HZ	68.0	EP			07:33	39.56			0.29
AS07	HN	68.0	IAML			07:33	48.44	11	0.18	
AS07	HE	68.0	IAML			07:33	48.65	12	0.19	
EDMD	HZ	72.7	EP			07:33	40.21			0.30

TABLE 2 : PHASE DATA

EDMD	HN	72.7	ES		07:33	48.41			-0.46
EDMD	HN	72.7	IAML		07:33	48.74	20	0.20	
EDMD	HE	72.7	IAML		07:33	49.63	13	0.20	
IOMK	HZ	110.0	EP		07:33	46.67			0.88
IOMK	HE	110.0	IAML		07:34	00.91	1	0.16	
IOMK	HN	110.0	IAML		07:34	01.01	2	0.33	
GAL1	HN	124.0	IAML		07:34	04.55	5	0.20	
GAL1	HE	124.0	IAML		07:34	05.32	2	0.15	

June 17 2022 Time: 17:32 15.6 UTC Magnitude: 1.6 ML
Lat: 53.147 Lon: 0.833 Depth: 10.9 km
Grid Ref: 589.44 kmE 364.88 kmN RMS: 0.10 secs
Locality: SOUTHERN NORTH SEA
Velocity model: North Sea Xnear: 500.0 Xfar: 1000.0
Comment: 32KM EAST SKEGNESS

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LMK	HZ	84.6	EP			17:32	29.10			-0.14
LMK	HN	84.6	ES			17:32	39.31			0.10
LMK	HN	84.6	IAML			17:32	39.55	36	0.26	
LMK	HE	84.6	IAML			17:32	39.67	35	0.30	
ELMS	HZ	118.0	EP			17:32	34.42			0.10
ELMS	HN	118.0	ES			17:32	47.98			-0.03
ELMS	HE	118.0	IAML			17:32	49.88	9	0.10	
ELMS	HN	118.0	IAML			17:32	50.21	25	0.22	
AV06	HZ	143.0	EP			17:32	37.54			-0.19
AU08	HZ	147.0	EP			17:32	38.41			0.15
CWF	HZ	151.0	EP			17:32	38.67			-0.08
CWF	HN	151.0	ES			17:32	55.66			-0.01
CWF	HN	151.0	IAML			17:32	57.07	8	0.17	
CWF	HE	151.0	IAML			17:32	57.10	4	0.14	
AQ12	HZ	276.0	EP			17:32	54.46			0.10

June 19 2022 Time: 06:53 10.0 UTC Magnitude: 1.9 ML
Lat: 54.124 Lon: -1.813 Depth: 6.5 km
Grid Ref: 412.22 kmE 469.83 kmN RMS: 0.30 secs
Locality: RAMSGILL,N YORKSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AS07	HZ	16.6	IP		D	06:53	13.43			0.01
AS07	HE	16.6	ES			06:53	15.96			0.02
AS07	HE	16.6	IAML			06:53	16.11	161	0.07	
AS07	HN	16.6	IAML			06:53	16.35	255	0.23	
AR05	HZ	20.0	IP		C	06:53	14.00			0.05
AR05	HN	20.0	ES			06:53	16.91			0.05
AR05	HE	20.0	IAML			06:53	17.26	210	0.12	
AR05	HN	20.0	IAML			06:53	17.42	207	0.25	
HPK	HZ	22.2	IP		D	06:53	14.00			-0.30
HPK	HN	22.2	ES			06:53	17.02			-0.45
HPK	HN	22.2	IAML			06:53	17.36	156	0.17	
HPK	HE	22.2	IAML			06:53	17.72	146	0.19	
AR09	HZ	42.6	IP		C	06:53	17.50			-0.07
AR09	HN	42.6	ES			06:53	22.84			-0.28
AR09	HN	42.6	IAML			06:53	23.06	290	0.08	
AR09	HE	42.6	IAML			06:53	23.61	284	0.10	
AR07	HZ	44.6	IP		C	06:53	17.83			-0.01
AR07	HN	44.6	ES			06:53	23.88			0.29
AR07	HE	44.6	IAML			06:53	24.61	69	0.14	
AR07	HN	44.6	IAML			06:53	27.27	85	0.14	
AS10	HZ	47.7	IP		D	06:53	18.36			0.05
AS10	HE	47.7	ES			06:53	24.44			0.04
AS10	HE	47.7	IAML			06:53	24.72	202	0.20	
AS10	HN	47.7	IAML			06:53	24.80	62	0.22	
AT12	HE	55.8	IAML			06:53	26.69	218	0.18	
AT12	HN	55.8	IAML			06:53	26.95	84	0.20	
AU07	HZ	55.8	EP			06:53	19.58			0.03
AU07	HE	55.8	IAML			06:53	27.50	165	0.27	
AU07	HN	55.8	IAML			06:53	28.34	115	0.23	
AT12	HZ	55.8	EP			06:53	19.60			0.06
AU11	HZ	58.1	IP		C	06:53	19.97			0.08
AU11	HN	58.1	ES			06:53	26.96			-0.17
AU11	HN	58.1	IAML			06:53	27.45	76	0.29	
AU11	HE	58.1	IAML			06:53	27.46	57	0.30	
AS02	HZ	64.4	EP			06:53	20.91			-0.01
AS02	HN	64.4	ES			06:53	28.52			-0.39
AS02	HE	64.4	IAML			06:53	28.87	60	0.28	
AS02	HN	64.4	IAML			06:53	28.88	66	0.14	
AQ12	HZ	70.4	EP			06:53	21.77			-0.10
AQ12	HE	70.4	ES			06:53	29.80			-0.76
AQ12	HN	70.4	IAML			06:53	31.44	28	0.08	
AQ12	HE	70.4	IAML			06:53	32.07	34	0.06	
GDLE	HZ	72.9	IP		C	06:53	22.24			0.01
GDLE	HN	72.9	ES			06:53	30.63			-0.55
GDLE	HE	72.9	IAML			06:53	34.14	109	0.18	
GDLE	HN	72.9	IAML			06:53	34.29	91	0.24	
AU18	HZ	73.3	IP		C	06:53	22.46			0.20
AU18	HN	73.3	IAML			06:53	31.34	59	0.24	
AU18	HE	73.3	IAML			06:53	31.56	34	0.18	
AU08	HZ	75.3	EP			06:53	22.78			0.20
AU08	HE	75.3	IAML			06:53	34.79	20	0.28	
AU08	HN	75.3	IAML			06:53	35.79	26	0.14	
EDMD	HZ	79.3	EP			06:53	23.13			-0.05
EDMD	HN	79.3	ES			06:53	32.42			-0.40
EDMD	HN	79.3	IAML			06:53	34.88	58	0.20	
EDMD	HE	79.3	IAML			06:53	35.05	76	0.13	
AQ06	HE	79.4	IAML			06:53	36.00	139	0.30	
AQ06	HN	79.4	IAML			06:53	36.34	124	0.22	
LBWR	HZ	80.6	EP			06:53	23.47			0.03
LBWR	HN	80.6	ES			06:53	32.92			-0.35
LBWR	HE	80.6	IAML			06:53	34.06	56	0.24	
LBWR	HN	80.6	IAML			06:53	34.31	49	0.08	
AV06	HZ	87.1	EP			06:53	24.75			0.34
AV06	HN	87.1	IAML			06:53	37.43	27	0.52	
AV06	HE	87.1	IAML			06:53	37.62	29	0.30	
AP12	HZ	97.1	EP			06:53	26.24			0.26
AP12	HN	97.1	IAML			06:53	38.22	29	0.14	
AP12	HE	97.1	IAML			06:53	39.45	32	0.24	
KESW	HZ	98.7	EP			06:53	26.72			0.49
KESW	HN	98.7	ES			06:53	38.60			0.50
KESW	HE	98.7	IAML			06:53	39.03	22	0.31	
KESW	HN	98.7	IAML			06:53	39.09	32	0.26	
LMK	HZ	123.0	EP			06:53	30.53			0.57
LMK	HN	123.0	ES			06:53	45.36			0.80
LMK	HE	123.0	IAML			06:53	46.53	42	0.26	
LMK	HN	123.0	IAML			06:53	47.09	68	0.38	
STBN	CZ	148.0	EP			06:53	34.18			0.63
CWF	HZ	158.0	EP			06:53	35.83			0.85
ESK	HZ	160.0	EP			06:53	35.84			0.49

June 21 2022 Time: 11:53 11.1 UTC Magnitude: 1.7 ML
Lat: 53.975 Lon: -3.074 Depth: 8.3 km
Grid Ref: 329.57 kmE 453.77 kmN RMS: 0.40 secs
Locality: IRISH SEA
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 6KM NNW FLEETWOOD

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AR09	HZ	49.9	EP			11:53	19.77			-0.05
AR09	HN	49.9	ES			11:53	25.52			-0.64
AR09	HN	49.9	IAML			11:53	26.35	244	0.05	
AR09	HE	49.9	IAML			11:53	26.46	153	0.10	
AQ12	HZ	55.5	EP			11:53	20.85			0.18
AQ12	HN	55.5	ES			11:53	27.21			-0.42
AQ12	HE	55.5	IAML			11:53	28.02	64	0.17	
AQ12	HN	55.5	IAML			11:53	28.06	55	0.18	
KESW	HZ	68.3	EP			11:53	23.25			0.61
KESW	HN	68.3	ES			11:53	31.24			0.22
KESW	HN	68.3	IAML			11:53	31.96	24	0.28	
KESW	HE	68.3	IAML			11:53	33.33	28	0.26	
AR05	HZ	69.3	EP			11:53	22.70			-0.07
AR05	HE	69.3	IAML			11:53	34.18	22	0.21	
AR05	HN	69.3	IAML			11:53	34.26	28	0.20	
AS07	HZ	80.5	EP			11:53	24.37			-0.17
AS07	HE	80.5	IAML			11:53	36.78	72	0.34	
AS07	HN	80.5	IAML			11:53	36.79	56	0.21	
HPK	HZ	95.2	EP			11:53	27.39			0.61
HPK	HE	95.2	IAML			11:53	40.91	33	0.14	
HPK	HN	95.2	IAML			11:53	41.00	44	0.34	
IOMK	HZ	103.0	EP			11:53	28.15			0.22
IOMK	HN	103.0	ES			11:53	39.68			-0.51
IOMK	HN	103.0	IAML			11:53	40.86	6	0.12	
IOMK	HE	103.0	IAML			11:53	41.59	4	0.10	
WPS	HZ	114.0	EP			11:53	29.48			-0.15
WPS	HE	114.0	IAML			11:53	44.00	9	0.16	
WPS	HN	114.0	IAML			11:53	44.13	11	0.20	
WLF1	HE	116.0	IAML			11:53	44.33	10	0.20	
WLF1	HN	116.0	IAML			11:53	45.81	8	0.16	
EDMD	HZ	120.0	EP			11:53	31.00			0.48
EDMD	HN	120.0	ES			11:53	44.63			-0.03
EDMD	HN	120.0	IAML			11:53	46.79	44	0.35	
EDMD	HE	120.0	IAML			11:53	46.90	46	0.22	
FOEL	HZ	121.0	EP			11:53	30.62			-0.21
FOEL	HN	121.0	IAML			11:53	46.23	21	0.38	
FOEL	HE	121.0	IAML			11:53	46.29	21	0.24	
HLM1	HZ	163.0	EP			11:53	36.51			-0.25
HLM1	HN	163.0	IAML			11:53	56.30	7	0.13	
HLM1	HE	163.0	IAML			11:53	56.31	12	0.18	

June 21 2022 Time: 15:56 22.9 UTC Magnitude: 2.7 ML
Lat: 59.141 Lon: 1.335 Depth: 6.2 km
Grid Ref: 590.75 kmE 1032.96 kmN RMS: 0.50 secs
Locality: NORTHERN NORTH SEA
Velocity model: North Sea Xnear: 500.0 Xfar: 1000.0
Comment: 180KM SE LERWICK

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LRW	HZ	180.0	EP			15:56	50.89			0.77
LRW	HE	180.0	ES			15:57	10.39			0.38
LRW	HN	180.0	IAML			15:57	13.28	110	0.32	
LRW	HE	180.0	IAML			15:57	14.57	73	0.37	
KMY	HZ	224.0	EP			15:56	55.91			0.36
KMY	HN	224.0	ES			15:57	20.59			1.18
KMY	HE	224.0	IAML			15:57	30.70	47	0.16	
KMY	HN	224.0	IAML			15:57	30.84	74	0.42	
BER	HZ	264.0	EP			15:57	00.37			-0.19
BER	HN	264.0	ES			15:57	26.94			-1.13
BER	HN	264.0	IAML			15:57	37.71	12	0.21	
BER	HE	264.0	IAML			15:57	39.78	11	0.26	
SUE	HZ	286.0	EP			15:57	02.99			-0.31
SUE	HN	286.0	ES			15:57	32.40			-0.42
SUE	HE	286.0	IAML			15:57	34.09	27	0.15	

TABLE 2 : PHASE DATA

SUE	HN	286.0	IAML	15:57	34.14	27	0.14		
BIGH	HZ	311.0	EP	15:57	06.56			0.11	
BIGH	HE	311.0	ES	15:57	38.27			-0.00	
BIGH	HN	311.0	IAML	15:57	39.17	23	0.23		
BIGH	HE	311.0	IAML	15:57	39.94	26	0.30		
MCD	HZ	320.0	EP	15:57	07.57			0.07	
MCD	HN	320.0	IAML	15:57	45.79	16	0.25		
MCD	HE	320.0	IAML	15:57	56.77	28	0.35		
TARL	HZ	332.0	EP	15:57	09.08			0.10	
TARL	HE	332.0	IAML	15:57	44.65	102	0.12		
TARL	HN	332.0	IAML	15:57	44.69	131	0.14		
DRUM	HZ	335.0	EP	15:57	09.87			0.43	
DRUM	HE	335.0	IAML	15:57	44.61	40	0.18		
DRUM	HN	335.0	IAML	15:57	45.11	48	0.48		
FOO	HZ	342.0	EP	15:57	10.02			-0.17	
FOO	HN	342.0	IAML	15:57	45.56	7	0.24		
FOO	HE	342.0	IAML	15:57	46.46	10	0.16		
SNART	HZ	352.0	EP	15:57	11.67			0.22	
SNART	HN	352.0	IAML	15:58	05.01	28	0.25		
SNART	HE	352.0	IAML	15:58	09.97	22	0.36		
PITL	HZ	390.0	EP	15:57	16.25			0.04	
PITL	HE	390.0	IAML	15:57	57.22	19	0.37		
PITL	HN	390.0	IAML	15:57	57.53	12	0.22		
GVIE	HZ	415.0	EP	15:57	18.76			-0.60	
GVIE	HN	415.0	IAML	15:58	01.87	15	0.17		
GVIE	HE	415.0	IAML	15:58	01.97	15	0.19		
ESY	HZ	430.0	EP	15:57	21.14			-0.03	
ESY	HE	430.0	IAML	15:58	06.61	11	0.18		
ESY	HN	430.0	IAML	15:58	18.23	6	0.32		
INVG	HZ	440.0	EP	15:57	22.49			0.06	
INVG	HN	440.0	IAML	15:58	07.73	18	0.28		
INVG	HE	440.0	IAML	15:58	11.09	7	0.20		
EDI	HE	449.0	IAML	15:58	10.08	15	0.48		
EDI	HN	449.0	IAML	15:58	10.31	19	0.34		
KPL	HZ	457.0	EP	15:57	24.06			-0.41	
KPL	HN	457.0	IAML	15:58	12.74	6	0.15		
KPL	HE	457.0	IAML	15:58	14.17	6	0.16		
EAB	HZ	472.0	EP	15:57	26.72			0.35	
EAB	HN	472.0	IAML	15:58	18.78	11	0.62		
EAB	HE	472.0	IAML	15:58	39.31	10	0.48		
ESK	HN	506.0	IAML	15:58	25.14	7	0.32		
ESK	HE	506.0	IAML	15:58	26.98	10	0.34		
MOL	HZ	510.0	EP	15:57	31.54			0.47	
MOL	HE	510.0	IAML	15:58	23.60	1	0.14		
MOL	HN	510.0	IAML	15:58	26.36	1	0.21		
LAWE	HZ	514.0	EP	15:57	31.07			-0.49	
LAWE	HN	514.0	IAML	15:58	24.60	19	0.16		
LAWE	HE	514.0	IAML	15:58	24.66	18	0.18		
EDMD	HZ	520.0	EP	15:57	32.14			-0.20	
EDMD	HE	520.0	IAML	15:58	23.41	14	0.22		
EDMD	HN	520.0	IAML	15:58	28.82	14	0.28		
AS07	HZ	580.0	EP	15:57	39.76			-0.06	
AS07	HE	580.0	IAML	15:58	37.08	11	0.26		
AS07	HN	580.0	IAML	15:58	38.67	9	0.44		
AQ12	HZ	580.0	EP	15:57	39.03			-0.81	
AQ12	HN	580.0	IAML	15:58	36.44	7	0.29		
AQ12	HE	580.0	IAML	15:58	36.61	6	0.29		

June 22 2022 Time: 21:20 25.8 UTC Magnitude: 0.8 ML
Lat: 55.089 Lon: -7.564 Depth: 2.6 km
Grid Ref: 45.09 kmE 591.33 kmN RMS: 0.10 secs
Locality: RATHMULLAN,CO DONEGAL
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
IDGL	HZ	4.0	EP		21:20	26.84			-0.11
IDGL	HE	4.0	ES		21:20	27.83			0.06
CLGH	HZ	92.8	EP		21:20	41.68			0.11
CLGH	HN	92.8	ES		21:20	53.01			-0.06
CLGH	HN	92.8	IAML		21:20	55.24	3	0.14	
CLGH	HE	92.8	IAML		21:20	55.37	4	0.18	
ILTH	HE	142.0	ES		21:21	06.08			0.00

June 23 2022 Time: 20:00 12.1 UTC Magnitude: 1.6 ML
Lat: 52.578 Lon: -2.882 Depth: 11.5 km
Grid Ref: 340.24 kmE 298.20 kmN RMS: 0.30 secs
Locality: WENTNOR,SHROPSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
HLM1	HZ	6.6	IP	C	20:00	14.65			0.06
HLM1	HN	6.6	ES		20:00	16.50			0.08
HLM1	HE	6.6	IAML		20:00	16.90	128	0.16	
HLM1	HN	6.6	IAML		20:00	16.98	92	0.08	
FOEL	HZ	40.8	IP	D	20:00	19.32			-0.06
FOEL	HN	40.8	ES		20:00	24.51			-0.19
FOEL	HN	40.8	IAML		20:00	24.69	34	0.16	
FOEL	HE	40.8	IAML		20:00	24.76	29	0.20	
MCH1	HZ	65.1	EP		20:00	22.79			-0.29
MCH1	HN	65.1	ES		20:00	30.83			-0.28
MCH1	HN	65.1	IAML		20:00	31.04	30	0.28	
MCH1	HE	65.1	IAML		20:00	31.21	16	0.13	
STNC	HZ	73.1	EP		20:00	24.25			-0.07
STNC	HN	73.1	ES		20:00	33.22			-0.03
STNC	HN	73.1	IAML		20:00	33.68	44	0.34	
STNC	HE	73.1	IAML		20:00	34.19	46	0.32	
MONM	HZ	82.4	EP		20:00	25.74			-0.00
MONM	HN	82.4	ES		20:00	35.83			0.12
MONM	HE	82.4	IAML		20:00	36.09	49	0.16	
MONM	HN	82.4	IAML		20:00	36.23	31	0.14	
STRD	HZ	102.0	EP		20:00	28.88			0.10
STRD	HN	102.0	ES		20:00	41.38			0.41
STRD	HN	102.0	IAML		20:00	44.49	21	0.14	
STRD	HE	102.0	IAML		20:00	47.13	25	0.18	
CWF	HZ	108.0	EP		20:00	29.38			-0.28
CWF	HN	108.0	IAML		20:00	41.60	14	0.30	
CWF	HE	108.0	IAML		20:00	44.49	13	0.16	
STBN	CN	114.0	ES		20:00	43.25			-0.70
STBN	CE	114.0	IAML		20:00	43.59	38	0.16	
STBN	CN	114.0	IAML		20:00	43.60	21	0.18	
LBWR	HZ	120.0	EP		20:00	31.65			0.22
LBWR	HE	120.0	IAML		20:00	47.73	17	0.24	
LBWR	HN	120.0	IAML		20:00	50.33	16	0.32	
AS02	HZ	124.0	EP		20:00	32.12			0.14
AS02	HN	124.0	ES		20:00	47.17			0.66
AS02	HN	124.0	IAML		20:00	48.50	20	0.14	
AS02	HE	124.0	IAML		20:00	48.70	18	0.18	
WLF1	HZ	129.0	EP		20:00	32.80			0.17
WLF1	HN	129.0	ES		20:00	47.48			-0.14
WLF1	HE	129.0	IAML		20:00	49.66	5	0.08	
WLF1	HN	129.0	IAML		20:00	49.70	6	0.11	
WPS	HZ	142.0	EP		20:00	34.78			0.30
WPS	HN	142.0	IAML		20:00	52.49	7	0.30	
WPS	HE	142.0	IAML		20:00	52.77	9	0.30	
RSBS	HZ	145.0	EP		20:00	35.08			0.13
RSBS	HN	145.0	IAML		20:00	54.36	14	0.10	
RSBS	HE	145.0	IAML		20:00	55.12	14	0.07	
AR05	HZ	167.0	EP		20:00	38.79			0.77
AR05	HN	167.0	ES		20:00	57.82			0.86
AR05	HN	167.0	IAML		20:00	59.97	17	0.19	
AR05	HE	167.0	IAML		20:01	00.30	19	0.14	
HPK	HN	175.0	IAML		20:01	02.14	35	0.18	
HPK	HE	175.0	IAML		20:01	02.30	18	0.18	
AS07	HZ	197.0	EP		20:00	41.29			-0.43
AS07	HE	197.0	IAML		20:01	07.34	10	0.33	
AS07	HN	197.0	IAML		20:01	07.65	14	0.24	
KESW	HN	224.0	IAML		20:01	14.34	4	0.56	
KESW	HE	224.0	IAML		20:01	14.48	7	0.44	

June 24 2022 Time: 14:49 43.0 UTC Magnitude: 1.9 ML
Lat: 49.001 Lon: -2.346 Depth: 4.2 km
Grid Ref: 374.70 kmE -99.83 kmN RMS: 0.20 secs
Locality: ENGLISH CHANNEL
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
JSA	HZ	24.3	EP		14:49	47.80			0.19
JSA	HN	24.3	ES		14:49	50.74			-0.23
JSA	HN	24.3	IAML		14:49	51.04	124	0.17	
JSA	HE	24.3	IAML		14:49	51.05	196	0.20	
JDG	EZ	30.7	EP		14:49	48.66			-0.01
JDC	EZ	30.7	EP		14:49	48.62			-0.05
JDC	EN	30.7	IAML		14:49	53.11	748	0.20	
JDC	EE	30.7	IAML		14:49	52.96	332	0.16	
PLEF	HZ	56.4	EP		14:49	52.42			-0.41
PLEF	H2	56.4	IAML		14:49	59.14	157	0.18	
PLEF	H1	56.4	IAML		14:49	59.37	110	0.16	
BESN	HZ	67.6	EP		14:49	54.79			0.23
BESN	HN	67.6	ES		14:50	02.80			-0.20
BESN	HN	67.6	IAML		14:50	03.57	29	0.17	
BESN	HE	67.6	IAML		14:50	04.67	33	0.28	
LOUF	HZ	85.8	EP		14:49	57.59			0.20
LOUF	HN	85.8	IAML		14:50	07.87	26	0.24	
LOUF	HE	85.8	IAML		14:50	11.77	20	0.20	
SROF	HZ	90.6	EP		14:49	58.32			0.18
SROF	HN	90.6	IAML		14:50	09.31	30	0.18	
SROF	HE	90.6	IAML		14:50	12.47	48	0.16	
LOCF	HZ	104.0	EP		14:50	00.28			0.11
LOCF	HN	104.0	IAML		14:50	18.27	53	0.18	
LOCF	HE	104.0	IAML		14:50	18.46	26	0.15	
DYA	HN	196.0	IAML		14:50	39.39	9	0.18	
DYA	HE	196.0	IAML		14:50	41.26	11	0.27	

June 25 2022 Time: 03:08 22.5 UTC Magnitude: 0.2 ML
Lat: 55.911 Lon: -3.984 Depth: 8.2 km
Grid Ref: 276.00 kmE 670.43 kmN RMS: 0.20 secs
Locality: WATTSTON,N LANARKSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
PGB1	HZ	33.2	EP		03:08	28.57			0.08
PGB1	HN	33.2	ES		03:08	32.85			-0.04
PGB1	HE	33.2	IAML		03:08	33.60	8	0.18	
PGB1	HN	33.2	IAML		03:08	33.64	7	0.18	
EAB	HZ	38.0	EP		03:08	29.35			0.10
EAB	HN	38.0	ES		03:08	34.21			0.00
EAB	HE	38.0	IAML		03:08	34.54	2	0.11	
EAB	HN	38.0	IAML		03:08	34.60	2	0.07	
INVG	HZ	57.6	EP		03:08	32.46			0.16
INVG	HE	57.6	ES		03:08	39.35			-0.13
INVG	HN	57.6	IAML		03:08	39.49	0	0.15	
INVG	HE	57.6	IAML		03:08	39.49	1	0.16	

TABLE 2 : PHASE DATA

ESK	HZ	82.4	EP		03:08	36.41			0.28
ESK	HN	82.4	ES		03:08	45.76			-0.34
ESK	HN	82.4	IAML		03:08	46.08	2	0.38	
ESK	HE	82.4	IAML		03:08	46.22	1	0.13	
NEWG	HE	89.7	ES		03:08	48.10			0.08
LAWE	HN	96.3	ES		03:08	49.61			-0.18
LAWE	HE	96.3	IAML		03:08	49.81	1	0.28	
LAWE	HN	96.3	IAML		03:08	49.85	2	0.27	

June 27 2022 Time: 17:30 24.4 UTC Magnitude: 1.3 ML
Lat: 51.948 Lon: -3.043 Depth: 13.5 km
Grid Ref: 328.32 kmE 228.28 kmN RMS: 0.30 secs
Locality: LLANTHONY,GWENT
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
MCH1	HZ	6.3	IP		D	17:30	27.30			0.21
MCH1	HN	6.3	ES			17:30	29.03			-0.04
MCH1	HN	6.3	IAML			17:30	29.54	229	0.12	
MCH1	HE	6.3	IAML			17:30	29.54	96	0.13	
MONM	HZ	20.4	IP		D	17:30	28.58			-0.10
MONM	HE	20.4	ES			17:30	31.64			-0.17
MONM	HE	20.4	IAML			17:30	31.78	109	0.13	
MONM	HN	20.4	IAML			17:30	31.88	63	0.17	
STRD	HE	63.6	ES			17:30	43.11			0.05
STRD	HE	63.6	IAML			17:30	43.50	15	0.12	
STRD	HN	63.6	IAML			17:30	43.98	11	0.16	
HLM1	HZ	64.4	EP			17:30	35.57			0.21
HLM1	HN	64.4	ES			17:30	43.15			-0.21
HLM1	HE	64.4	IAML			17:30	44.16	9	0.20	
HLM1	HN	64.4	IAML			17:30	44.33	10	0.15	
RSBS	HZ	117.0	IP		D	17:30	43.50			0.35
RSBS	HN	117.0	ES			17:30	56.36			-0.48
RSBS	HN	117.0	IAML			17:30	59.75	9	0.09	
RSBS	HE	117.0	IAML			17:30	59.76	10	0.05	
HTL	HZ	146.0	EP			17:30	47.72			0.48

June 28 2022 Time: 02:09 30.5 UTC Magnitude: 0.5 ML
Lat: 51.873 Lon: -2.596 Depth: 16.5 km
Grid Ref: 358.97 kmE 219.60 kmN RMS: 0.00 secs
Locality: ROSS-ON-WYE,HEREF
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 5KM SSW ROSS-ON-WYE

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
MONM	HZ	14.8	IP		C	02:09	34.41			0.02
MONM	HE	14.8	ES			02:09	37.22			0.01
MONM	HE	14.8	IAML			02:09	37.34	15	0.12	
MONM	HN	14.8	IAML			02:09	37.34	18	0.14	
OLDB	HZ	23.8	EP			02:09	35.47			-0.01
MCH1	HZ	31.0	EP			02:09	36.55			0.03
MCH1	HN	31.0	ES			02:09	40.86			-0.03
MCH1	HE	31.0	IAML			02:09	41.19	4	0.24	
MCH1	HN	31.0	IAML			02:09	41.24	7	0.34	
STRD	HZ	31.7	IP		C	02:09	36.59			-0.03
STRD	HN	31.7	ES			02:09	41.09			0.02
STRD	HE	31.7	IAML			02:09	41.21	6	0.09	
STRD	HN	31.7	IAML			02:09	41.21	12	0.10	
HLM1	HZ	74.4	EP			02:09	43.04			-0.01
HLM1	HN	74.4	ES			02:09	52.21			0.02
HLM1	HE	74.4	IAML			02:09	52.54	1	0.11	
HLM1	HN	74.4	IAML			02:09	52.65	1	0.10	

July 1 2022 Time: 02:09 55.0 UTC Magnitude: 1.3 ML
Lat: 56.376 Lon: -5.750 Depth: 5.2 km
Grid Ref: 168.48 kmE 726.71 kmN RMS: 0.30 secs
Locality: MULL,ARGYLL & BUTE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LAWE	HZ	25.3	EP			02:09	59.88			0.12
LAWE	HN	25.3	ES			02:10	03.05			-0.22
LAWE	HE	25.3	IAML			02:10	03.14	44	0.10	
LAWE	HN	25.3	IAML			02:10	03.18	94	0.09	
EAB	HZ	90.0	EP			02:10	10.10			0.14
EAB	HE	90.0	ES			02:10	20.76			-0.15
EAB	HN	90.0	IAML			02:10	21.54	10	0.18	
EAB	HE	90.0	IAML			02:10	22.14	7	0.17	
PGB1	HZ	101.0	EP			02:10	12.13			0.50
PGB1	HN	101.0	IAML			02:10	25.21	11	0.13	
PGB1	HE	101.0	IAML			02:10	25.29	17	0.32	
KPL	HZ	107.0	EP			02:10	12.59			-0.02
KPL	HE	107.0	IAML			02:10	27.33	4	0.24	
KPL	HN	107.0	IAML			02:10	27.99	3	0.16	
GVIE	HZ	109.0	EP			02:10	12.76			-0.19
GVIE	HE	109.0	IAML			02:10	27.58	11	0.26	
GVIE	HN	109.0	IAML			02:10	27.91	10	0.22	
PITL	HZ	141.0	EP			02:10	17.93			0.18
PITL	HE	141.0	IAML			02:10	35.88	8	0.13	
PITL	HN	141.0	IAML			02:10	37.23	7	0.05	
CLGH	HZ	146.0	EP			02:10	17.49			-0.89
CLGH	HN	146.0	IAML			02:10	38.06	7	0.12	
CLGH	HE	146.0	IAML			02:10	38.79	6	0.18	
NEWG	HN	170.0	IAML			02:10	42.25	3	0.26	
NEWG	HE	170.0	IAML			02:10	43.11	2	0.21	
TARL	HE	196.0	IAML			02:10	52.09	8	0.12	
TARL	HN	196.0	IAML			02:10	52.25	7	0.20	
ESK	HN	198.0	IAML			02:10	50.96	2	0.32	
ESK	HE	198.0	IAML			02:10	52.26	2	0.14	
DRUM	HN	209.0	IAML			02:10	55.64	4	0.10	
DRUM	HE	209.0	IAML			02:10	56.45	3	0.14	

July 4 2022 Time: 13:54 47.5 UTC Magnitude: 1.7 ML
Lat: 53.113 Lon: -1.260 Depth: 2.5 km
Grid Ref: 449.53 kmE 357.60 kmN RMS: 0.40 secs
Locality: ASHFIELD,NOTTS
Velocity model: Lownet Xnear: 150.0 Xfar: 300.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
STBN	CZ	30.7	EP			13:54	53.18			0.02
STBN	CN	30.7	ES			13:54	57.33			0.02
STBN	CE	30.7	IAML			13:54	57.58	226	0.22	
STBN	CN	30.7	IAML			13:54	57.61	109	0.16	
CWF	HZ	41.8	EP			13:54	54.72			-0.36
CWF	HN	41.8	ES			13:54	59.81			-0.81
CWF	HN	41.8	IAML			13:55	00.80	20	0.10	
CWF	HE	41.8	IAML			13:55	01.46	28	0.21	
LBWR	HZ	44.6	EP			13:54	55.32			-0.25
LBWR	HE	44.6	ES			13:55	01.14			-0.33
LBWR	HN	44.6	IAML			13:55	02.32	67	0.50	
LBWR	HE	44.6	IAML			13:55	02.39	50	0.13	
AS02	HZ	68.9	EP			13:54	59.29			-0.11
AS02	HE	68.9	IAML			13:55	09.22	36	0.26	
AS02	HN	68.9	IAML			13:55	10.59	28	0.42	
HPK	HN	97.1	ES			13:55	15.70			0.06
HPK	HN	97.1	IAML			13:55	16.22	50	0.18	
HPK	HE	97.1	IAML			13:55	17.24	50	0.38	
AR05	HE	110.0	ES			13:55	19.04			-0.04
AR05	HE	110.0	IAML			13:55	22.95	22	0.14	
AR05	HN	110.0	IAML			13:55	23.21	38	0.18	
HLM1	HZ	128.0	EP			13:55	08.63			0.07
HLM1	HE	128.0	ES			13:55	24.22			0.27
HLM1	HN	128.0	IAML			13:55	27.78	16	0.23	
HLM1	HE	128.0	IAML			13:55	27.85	25	0.25	
FOEL	HE	133.0	IAML			13:55	28.58	20	0.29	
FOEL	HN	133.0	IAML			13:55	28.93	17	0.27	
WACR	HZ	134.0	EP			13:55	09.76			0.29
MCH1	HZ	171.0	EP			13:55	15.52			0.73
MCH1	HE	171.0	IAML			13:55	37.74	12	0.16	
MCH1	HN	171.0	IAML			13:55	37.83	12	0.18	
MONM	HZ	176.0	EP			13:55	16.39			0.94
MONM	HN	176.0	IAML			13:55	39.19	19	0.32	
MONM	HE	176.0	IAML			13:55	39.69	18	0.28	

July 4 2022 Time: 18:40 37.4 UTC Magnitude: 1.0 ML
Lat: 57.160 Lon: -5.569 Depth: 4.9 km
Grid Ref: 184.20 kmE 813.31 kmN RMS: 0.30 secs
Locality: ARNISDALE,HIGHLAND
Velocity model: Lownet Xnear: 150.0 Xfar: 300.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	20.6	IP		C	18:40	41.38			0.04
KPL	HE	20.6	ES			18:40	44.02			-0.22
KPL	HN	20.6	IAML			18:40	44.28	22	0.16	
KPL	HE	20.6	IAML			18:40	44.31	35	0.22	
LAWE	HZ	101.0	EP			18:40	53.83			-0.20
LAWE	HE	101.0	ES			18:41	06.02			-0.18
LAWE	HE	101.0	IAML			18:41	09.07	6	0.24	
LAWE	HN	101.0	IAML			18:41	10.03	9	0.18	
LINV	HZ	112.0	EP			18:40	56.16			0.39
LINV	HE	112.0	ES			18:41	08.97			-0.24
LINV	HE	112.0	IAML			18:41	11.20	8	0.16	
LINV	HN	112.0	IAML			18:41	11.29	3	0.16	
PITL	HN	126.0	ES			18:41	12.67			-0.30
PITL	HE	126.0	IAML			18:41	14.41	3	0.15	
PITL	HN	126.0	IAML			18:41	14.56	4	0.07	
EAB	HZ	132.0	EP			18:40	59.29			0.45
EAB	HN	132.0	IAML			18:41	16.34	4	0.22	
EAB	HE	132.0	IAML			18:41	17.21	4	0.41	
MCD	HZ	147.0	EP			18:41	01.25			0.25

July 5 2022 Time: 05:36 32.4 UTC Magnitude: 1.7 ML
Lat: 49.524 Lon: -1.998 Depth: 2.6 km
Grid Ref: 400.14 kmE -41.75 kmN RMS: 0.40 secs
Locality: ENGLISH CHANNEL
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 30KM NNE JERSEY

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
BESN	HZ	32.4	IP		D	05:36	38.02			-0.33
BESN	HE	32.4	ES			05:36	42.13			-0.57
BESN	HN	32.4	IAML			05:36	42.53	87	0.17	
BESN	HE	32.4	IAML			05:36	42.85	76	0.16	
JDG	EZ	36.8	EP			05:36	39.02			-0.07
JDG	EE	36.8	ES			05:36	43.94			-0.04
JDG	EN	36.8	IAML			05:36	44.25	24	0.30	
JDG	EE	36.8	IAML			05:36	44.27	30	0.32	
JDC	EZ	36.8	EP			05:36	39.04			-0.06
JDC	EE	36.8	ES			05:36	44.02			0.03
JDC	EN	36.8	IAML			05:36	44.53	193	0.22	
JDC	EE	36.8	IAML			05:36	45.06	148	0.17	
JSA	HZ	39.5	IP		D	05:36	39.39			-0.16
JSA	HE	39.5	ES			05:36	44.59			-0.18
JSA	HE	39.5	IAML			05:36	44.88	40	0.32	

TABLE 2 : PHASE DATA

JSA	HN	39.5	IAML		05:36	45.06	30	0.17		
SROF	HZ	83.8	EP		05:36	46.94			0.37	
SROF	HN	83.8	IAML		05:36	58.26	24	0.17		
SROF	HE	83.8	IAML		05:36	58.77	15	0.16		
LOUF	HZ	108.0	IP	C	05:36	50.99			0.71	
LOUF	HN	108.0	ES		05:37	03.79			0.45	
LOUF	HE	108.0	IAML		05:37	06.10	30	0.16		
LOUF	HN	108.0	IAML		05:37	06.16	35	0.13		
PLEF	HZ	117.0	IP	C	05:36	51.99			0.24	
PLEF	H2	117.0	IAML		05:37	08.05	77	0.20		
PLEF	H1	117.0	IAML		05:37	09.02	46	0.20		
LOCF	HZ	154.0	EP		05:36	56.47			-0.76	
LOCF	HE	154.0	IAML		05:37	17.34	16	0.13		
LOCF	HN	154.0	IAML		05:37	17.45	12	0.21		
DYA	HZ	172.0	EP		05:37	00.05			0.28	
DYA	HE	172.0	IAML		05:37	20.29	16	0.17		
DYA	HN	172.0	IAML		05:37	21.33	18	0.27		

July 6 2022 Time: 01:55 34.4 UTC Magnitude: 1.5 ML
Lat: 53.880 Lon: -2.123 Depth: 14.1 km
Grid Ref: 391.92 kmE 442.67 kmN RMS: 0.30 secs
Locality: COLNE,LANCASHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AR05	HZ	14.1	IP		C	01:55	38.20			0.25
AR05	HE	14.1	ES			01:55	40.99			0.45
AR05	HN	14.1	IAML			01:55	41.15	161	0.10	
AR05	HE	14.1	IAML			01:55	41.19	203	0.26	
AR01	HZ	24.6	IP		C	01:55	39.45			0.10
AR01	HN	24.6	ES			01:55	43.08			0.12
AR01	HN	24.6	IAML			01:55	43.53	78	0.18	
AR01	HE	24.6	IAML			01:55	43.74	135	0.12	
HPK	HZ	33.9	IP		C	01:55	40.68			-0.02
HPK	HN	33.9	ES			01:55	45.15			-0.14
HPK	HN	33.9	IAML			01:55	45.27	66	0.14	
HPK	HE	33.9	IAML			01:55	45.65	57	0.20	
AS02	HZ	37.4	IP		D	01:55	41.04			-0.19
AS02	HE	37.4	ES			01:55	45.94			-0.27
AS02	HN	37.4	IAML			01:55	45.99	21	0.11	
AS02	HE	37.4	IAML			01:55	46.20	40	0.11	
AS07	HZ	43.2	EP			01:55	42.08			-0.06
AS07	HN	43.2	ES			01:55	47.13			-0.66
AS07	HE	43.2	IAML			01:55	47.44	73	0.10	
AS07	HN	43.2	IAML			01:55	47.45	69	0.11	
AR09	HZ	43.7	IP		D	01:55	42.14			-0.08
AR09	HE	43.7	IAML			01:55	48.33	85	0.09	
AR09	HN	43.7	IAML			01:55	48.94	71	0.06	
LBWR	HZ	59.4	IP		D	01:55	44.38			-0.22
LBWR	HN	59.4	IAML			01:55	52.92	19	0.10	
LBWR	HE	59.4	IAML			01:55	53.54	19	0.10	
AQ12	HZ	74.3	IP		D	01:55	46.99			0.09
AQ12	HN	74.3	ES			01:55	55.71			-0.31
AQ12	HE	74.3	IAML			01:55	56.16	12	0.05	
AQ12	HN	74.3	IAML			01:55	56.18	8	0.11	
STNC	HZ	88.0	EP			01:55	49.34			0.37
STNC	HE	88.0	IAML			01:56	01.92	13	0.21	
STNC	HN	88.0	IAML			01:56	02.25	13	0.14	
AT12	HZ	89.2	EP			01:55	49.54			0.43
AT12	HE	89.2	IAML			01:56	00.46	37	0.28	
AT12	HN	89.2	IAML			01:56	01.29	46	0.14	
KESW	HZ	102.0	EP			01:55	51.15			0.23
KESW	HE	102.0	IAML			01:56	03.99	8	0.28	
KESW	HN	102.0	IAML			01:56	04.56	6	0.20	
EDMD	HZ	106.0	EP			01:55	51.66			0.11
EDMD	HE	106.0	IAML			01:56	04.42	25	0.28	
EDMD	HN	106.0	IAML			01:56	05.17	31	0.15	
FOEL	HZ	131.0	EP			01:55	54.87			-0.36
FOEL	HN	131.0	IAML			01:56	11.66	9	0.54	
FOEL	HE	131.0	IAML			01:56	11.98	6	0.24	
CWF	HZ	138.0	EP			01:55	56.57			0.44
CWF	HE	138.0	IAML			01:56	13.34	5	0.10	
CWF	HN	138.0	IAML			01:56	14.06	6	0.10	
LLW	BZ	154.0	EP			01:55	57.63			-0.75
HLM1	HZ	160.0	EP			01:55	58.97			-0.21
HLM1	HE	160.0	IAML			01:56	19.56	8	0.24	
HLM1	HN	160.0	IAML			01:56	20.16	4	0.13	

July 6 2022 Time: 18:47 10.4 UTC Magnitude: 0.9 ML
Lat: 54.245 Lon: -2.499 Depth: 8.1 km
Grid Ref: 367.49 kmE 483.39 kmN RMS: 0.20 secs
Locality: DENT,CUMBRIA
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 4KM SOUTHWEST DENT

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AR09	HZ	4.4	EP			18:47	12.28			-0.01
AR09	HN	4.4	ES			18:47	13.71			0.04
AR09	HN	4.4	IAML			18:47	13.83	135	0.09	
AR09	HE	4.4	IAML			18:47	13.97	124	0.10	
AQ12	HZ	27.0	EP			18:47	15.50			-0.00
AQ12	HN	27.0	ES			18:47	18.87			-0.36
AQ12	HE	27.0	IAML			18:47	19.13	20	0.10	
AQ12	HN	27.0	IAML			18:47	19.28	22	0.06	
AR07	HZ	27.8	EP			18:47	15.51			-0.09
AR07	HN	27.8	ES			18:47	19.13			-0.27
AR07	HN	27.8	IAML			18:47	19.33	29	0.10	
AR07	HE	27.8	IAML			18:47	19.70	20	0.13	
AS07	HZ	36.6	EP			18:47	16.68			-0.32
AP12	HZ	50.5	EP			18:47	19.10			-0.02
KESW	HZ	54.9	EP			18:47	20.03			0.22
KESW	HN	54.9	ES			18:47	26.95			0.28
KESW	HN	54.9	IAML			18:47	27.19	5	0.42	
KESW	HE	54.9	IAML			18:47	27.39	6	0.34	
EDMD	HE	74.0	ES			18:47	31.79			0.10
EDMD	HN	74.0	IAML			18:47	33.20	7	0.23	
EDMD	HE	74.0	IAML			18:47	33.97	5	0.26	
LBWR	HN	107.0	ES			18:47	41.14			0.51
LBWR	HE	107.0	IAML			18:47	42.43	6	0.23	
LBWR	HN	107.0	IAML			18:47	43.28	4	0.17	

July 8 2022 Time: 20:13 15.9 UTC Magnitude: 1.2 ML
Lat: 54.114 Lon: -1.813 Depth: 6.7 km
Grid Ref: 412.22 kmE 468.72 kmN RMS: 0.30 secs
Locality: RAMSGILL,N YORKSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AS07	HZ	17.5	IP		D	20:13	19.36			-0.11
AS07	HE	17.5	ES			20:13	21.86			-0.24
AS07	HE	17.5	IAML			20:13	22.05	46	0.10	
AS07	HN	17.5	IAML			20:13	22.42	52	0.17	
AR05	HZ	19.2	IP		C	20:13	19.89			0.17
AR05	HE	19.2	ES			20:13	22.83			0.30
AR05	HE	19.2	IAML			20:13	23.17	35	0.24	
AR05	HN	19.2	IAML			20:13	23.20	31	0.24	
HPK	HZ	21.3	IP		D	20:13	19.89			-0.17
HPK	HN	21.3	ES			20:13	23.02			-0.10
HPK	HN	21.3	IAML			20:13	23.19	76	0.14	
HPK	HE	21.3	IAML			20:13	23.25	53	0.14	
AR09	HZ	42.8	IP		C	20:13	23.48			-0.02
AR09	HE	42.8	ES			20:13	28.74			-0.33
AR09	HN	42.8	IAML			20:13	29.06	107	0.11	
AR09	HE	42.8	IAML			20:13	29.53	89	0.11	
AR01	HZ	57.6	EP			20:13	25.65			-0.10
AR01	HN	57.6	IAML			20:13	33.56	12	0.10	
AR01	HE	57.6	IAML			20:13	34.61	13	0.12	
AS02	HN	63.3	ES			20:13	34.41			-0.09
AS02	HE	63.3	IAML			20:13	34.66	15	0.22	
AS02	HN	63.3	IAML			20:13	34.78	19	0.15	
AQ12	HZ	70.9	EP			20:13	27.56			-0.27
AQ12	HN	70.9	ES			20:13	36.00			-0.57
AQ12	HN	70.9	IAML			20:13	39.64	11	0.05	
AQ12	HE	70.9	IAML			20:13	39.77	9	0.10	
GDLE	HZ	73.5	EP			20:13	28.18			-0.02
GDLE	HE	73.5	IAML			20:13	39.82	18	0.20	
GDLE	HN	73.5	IAML			20:13	39.99	19	0.22	
EDMD	HZ	80.4	EP			20:13	29.72			0.49
EDMD	HN	80.4	IAML			20:13	40.81	19	0.10	
EDMD	HE	80.4	IAML			20:13	40.91	26	0.14	
KESW	HZ	99.2	EP			20:13	32.64			0.44
KESW	HN	99.2	ES			20:13	44.66			0.53
KESW	HN	99.2	IAML			20:13	44.71	6	0.36	
KESW	HE	99.2	IAML			20:13	44.80	5	0.28	
ESK	HZ	161.0	EP			20:13	41.97			0.62
ESK	HN	161.0	IAML			20:14	02.27	1	0.21	
ESK	HE	161.0	IAML			20:14	02.92	1	0.27	

July 12 2022 Time: 12:51 26.6 UTC Magnitude: 1.7 ML
Lat: 55.806 Lon: -5.465 Depth: 7.6 km
Grid Ref: 182.88 kmE 662.40 kmN RMS: 0.20 secs
Locality: TARBERT,ARGYLL & BUTE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 7KM SSW TARBERT

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LAWE	HZ	50.7	EP			12:51	35.29			-0.05
LAWE	HN	50.7	ES			12:51	41.70			-0.01
LAWE	HE	50.7	IAML			12:51	42.90	30	0.34	
LAWE	HN	50.7	IAML			12:51	46.75	17	0.26	
PGB1	HZ	61.5	EP			12:51	37.28			0.25
PGB1	HE	61.5	ES			12:51	44.45			-0.17
PGB1	HN	61.5	IAML			12:51	46.50	49	0.48	
PGB1	HE	61.5	IAML			12:51	48.89	48	0.52	
EAB	HZ	82.2	EP			12:51	40.28			0.02
EAB	HE	82.2	IAML			12:51	53.70	34	0.36	
EAB	HN	82.2	IAML			12:51	54.27	45	0.40	
CLGH	HZ	90.3	EP			12:51	41.44			-0.06
CLGH	HE	90.3	IAML			12:51	55.15	35	0.27	
CLGH	HN	90.3	IAML			12:51	55.80	21	0.40	
NEWG	HZ	109.0	EP			12:51	44.23			-0.22
NEWG	HN	109.0	IAML			12:52	00.23	40	0.26	
NEWG	HE	109.0	IAML			12:52	00.73	38	0.27	
GAL1	HZ	115.0	EP			12:51	45.40			0.10
GAL1	HE	115.0	IAML			12:52	02.09	21	0.40	
GAL1	HN	115.0	IAML			12:52	02.54	17	0.72	
ESK	HZ	153.0	EP			12:51	51.39			0.58
ESK	HE	153.0	IAML			12:52	11.06	17	0.32	
ESK	HN	153.0	IAML			12:52	11.62	31	0.30	

July 13 2022 Time: 07:05 59.4 UTC Magnitude: 2.7 ML
Lat: 48.491 Lon: -5.967 Depth: 10.0 km

TABLE 2 : PHASE DATA

Grid Ref: 106.95 kmE -148.97 kmN RMS: 0.60 secs
Locality: CELTIC SEA
Velocity model: Lownet Xnear: 500.0 Xfar: 1000.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
CAMF	HZ	103.0	IP		D	07:06	17.32			1.04
CAMF	HN	103.0	IAML			07:06	35.63	232	0.30	
CAMF	HE	103.0	IAML			07:06	35.89	490	0.46	
LOCF	HZ	171.0	EP			07:06	25.55			-0.28
LOCF	HE	171.0	ES			07:06	45.82			0.71
LOCF	HN	171.0	IAML			07:06	46.66	69	0.12	
LOCF	HE	171.0	IAML			07:06	49.39	68	0.10	
CCA1	HZ	196.0	EP			07:06	29.07			0.00
CCA1	HE	196.0	IAML			07:06	53.52	124	0.30	
CCA1	HN	196.0	IAML			07:06	53.89	44	0.13	
SBD	BZ	249.0	EP			07:06	35.60			-0.04
SBD	BN	249.0	IAML			07:07	08.48	35	0.30	
SBD	BE	249.0	IAML			07:07	11.89	45	0.35	
DYA	HZ	262.0	EP			07:06	36.42			-0.88
DYA	HN	262.0	IAML			07:07	12.41	35	0.24	
DYA	HE	262.0	IAML			07:07	17.87	38	0.34	
PLEF	HZ	269.0	EP			07:06	37.86			-0.24
JSA	HE	289.0	IAML			07:07	24.25	36	0.24	
JSA	HN	289.0	IAML			07:07	24.92	49	0.28	
HTL	HN	298.0	IAML			07:07	26.45	39	0.44	
HTL	HE	298.0	IAML			07:07	26.48	34	0.42	
BESN	HZ	334.0	EP			07:06	45.94			-0.29
BESN	HE	334.0	IAML			07:07	35.67	30	0.42	
BESN	HN	334.0	IAML			07:07	37.91	41	0.52	
LOUF	HZ	346.0	EP			07:06	47.13			-0.64
LOUF	HE	346.0	IAML			07:07	41.97	19	0.26	
LOUF	HN	346.0	IAML			07:07	45.41	35	0.40	
SROF	HZ	362.0	EP			07:06	49.18			-0.64
SROF	HN	362.0	IAML			07:07	46.99	27	0.50	
SROF	HE	362.0	IAML			07:07	49.77	24	0.39	
RSBS	HZ	395.0	EP			07:06	54.58			0.66
RSBS	HE	395.0	IAML			07:07	53.66	5	0.41	
RSBS	HN	395.0	IAML			07:08	00.96	6	0.28	
IWEX	HZ	436.0	EP			07:06	59.60			0.58
IWEX	HE	436.0	IAML			07:07	42.97	8	0.40	
IWEX	HN	436.0	IAML			07:07	44.06	6	0.20	

July 13 2022 Time: 22:08 35.2 UTC Magnitude: 0.5 ML
Lat: 56.517 Lon: -4.208 Depth: 8.0 km
Grid Ref: 264.16 kmE 738.28 kmN RMS: 0.40 secs
Locality: LAWERS,PERTH & KINROSS
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 4KM WSW LAWERS

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
EAB	HZ	37.4	EP			22:08	41.82			-0.08
EAB	HN	37.4	ES			22:08	46.49			-0.29
EAB	HN	37.4	IAML			22:08	46.65	3	0.16	
EAB	HE	37.4	IAML			22:08	46.67	3	0.17	
PITL	HZ	50.4	EP			22:08	43.82			-0.12
PITL	HN	50.4	ES			22:08	49.61			-0.70
PITL	HE	50.4	IAML			22:08	50.73	2	0.10	
PITL	HN	50.4	IAML			22:08	50.93	3	0.06	
GVIE	HZ	68.5	EP			22:08	46.93			0.12
LAWE	HZ	78.9	EP			22:08	48.26			-0.05
LAWE	HE	78.9	IAML			22:09	01.15	1	0.11	
LAWE	HN	78.9	IAML			22:09	02.63	2	0.20	
TARL	HZ	109.0	EP			22:08	53.72			0.77
TARL	HN	109.0	IAML			22:09	09.96	3	0.12	
TARL	HE	109.0	IAML			22:09	10.49	5	0.11	
DRUM	HZ	114.0	EP			22:08	54.46			0.65
DRUM	HE	114.0	IAML			22:09	12.76	2	0.19	
DRUM	HN	114.0	IAML			22:09	13.05	3	0.47	

July 14 2022 Time: 14:43 33.3 UTC Magnitude: 2.4 ML
Lat: 53.517 Lon: -2.559 Depth: 13.3 km
Grid Ref: 362.94 kmE 402.43 kmN RMS: 0.30 secs
Locality: LEIGH,GTR MANCHESTER
Velocity model: Lownet Xnear: 120.0 Xfar: 240.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AR01	HZ	25.0	IP		C	14:43	38.29			0.05
AR01	HN	25.0	ES			14:43	41.69			-0.16
AR01	HE	25.0	IAML			14:43	43.42	1419	0.14	
AR01	HN	25.0	IAML			14:43	43.47	674	0.18	
AS02	HZ	38.2	IP		C	14:43	40.16			-0.05
AS02	HN	38.2	ES			14:43	44.92			-0.35
AS02	HN	38.2	IAML			14:43	45.33	239	0.18	
AS02	HE	38.2	IAML			14:43	47.20	183	0.28	
LBWR	HZ	56.9	IP		C	14:43	43.19			0.11
LBWR	HE	56.9	ES			14:43	49.84			-0.39
LBWR	HE	56.9	IAML			14:43	51.63	242	0.36	
LBWR	HN	56.9	IAML			14:43	52.64	339	0.25	
AR05	HZ	63.6	EP			14:43	44.28			0.18
AR05	HN	63.6	ES			14:43	52.08			0.09
AR05	HE	63.6	IAML			14:43	54.55	214	0.24	
AR05	HN	63.6	IAML			14:43	56.81	216	0.14	
HPK	HZ	78.8	EP			14:43	46.65			0.21
HPK	HN	78.8	ES			14:43	56.03			-0.01
HPK	HE	78.8	IAML			14:43	57.77	273	0.12	
HPK	HN	78.8	IAML			14:43	59.70	302	0.14	
AR09	HZ	79.2	EP			14:43	46.87			0.32
AR09	HE	79.2	ES			14:43	55.77			-0.46
FOEL	HZ	81.9	EP			14:43	46.94			-0.02
FOEL	HN	81.9	IAML			14:43	58.52	168	0.32	
FOEL	HE	81.9	IAML			14:43	58.61	133	0.58	
AS07	HZ	91.5	EP			14:43	48.73			0.29
AS07	HN	91.5	ES			14:43	59.17			-0.33
AS07	HN	91.5	IAML			14:44	01.32	214	0.12	
AS07	HE	91.5	IAML			14:44	02.84	159	0.16	
AQ12	HZ	103.0	IP		D	14:43	50.54			0.44
AQ12	HE	103.0	ES			14:44	02.39			0.02
AQ12	HN	103.0	IAML			14:44	05.06	49	0.13	
AQ12	HE	103.0	IAML			14:44	05.11	124	0.17	
LLW	BZ	105.0	EP			14:43	50.42			0.13
LLW	BE	105.0	ES			14:44	02.33			-0.37
LLW	BE	105.0	IAML			14:44	03.94	29	0.23	
LLW	BN	105.0	IAML			14:44	04.11	65	0.10	
HLM1	HZ	113.0	EP			14:43	51.57			0.03
HLM1	HE	113.0	ES			14:44	04.49			-0.38
HLM1	HN	113.0	IAML			14:44	07.84	117	0.38	
HLM1	HE	113.0	IAML			14:44	08.50	96	0.14	
CWF	HZ	121.0	EP			14:43	53.14			0.60
CWF	HN	121.0	IAML			14:44	09.98	56	0.16	
CWF	HE	121.0	IAML			14:44	10.06	48	0.21	
KESW	HZ	125.0	EP			14:43	53.42			0.29
KESW	HE	125.0	IAML			14:44	09.72	46	0.26	
KESW	HN	125.0	IAML			14:44	10.41	62	0.20	
WLF1	HZ	125.0	EP			14:43	53.20			0.08
WLF1	HE	125.0	IAML			14:44	09.50	62	0.20	
WLF1	HN	125.0	IAML			14:44	09.87	71	0.10	
WPS	HZ	129.0	EP			14:43	53.81			0.03
WPS	HN	129.0	IAML			14:44	09.59	56	0.39	
WPS	HE	129.0	IAML			14:44	11.40	57	0.10	
AT12	HE	139.0	IAML			14:44	14.49	188	0.22	
AT12	HN	139.0	IAML			14:44	15.76	226	0.27	
LMK	HE	148.0	IAML			14:44	18.24	188	0.30	
LMK	HN	148.0	IAML			14:44	19.75	225	0.22	
EDMD	HZ	151.0	EP			14:43	56.69			-0.22
EDMD	HE	151.0	IAML			14:44	17.04	263	0.48	
EDMD	HN	151.0	IAML			14:44	17.22	216	0.22	
GDLE	HZ	152.0	EP			14:43	57.14			0.04
GDLE	HN	152.0	IAML			14:44	18.59	185	0.38	
GDLE	HE	152.0	IAML			14:44	18.92	142	0.28	
IOMK	HZ	156.0	EP			14:43	56.99			-0.58
IOMK	HE	156.0	IAML			14:44	17.77	16	0.20	
IOMK	HN	156.0	IAML			14:44	17.97	14	0.32	
MCH1	HZ	172.0	EP			14:44	00.17			0.59
MCH1	HE	172.0	IAML			14:44	23.15	44	0.32	
MCH1	HN	172.0	IAML			14:44	23.81	46	0.16	
ESK	HZ	205.0	EP			14:44	03.27			-0.44
GAL1	HZ	206.0	EP			14:44	03.00			-0.80
NEWG	HZ	209.0	EP			14:44	03.68			-0.51
RSBS	HE	228.0	IAML			14:44	37.79	23	0.12	
RSBS	HN	228.0	IAML			14:44	40.17	22	0.16	
ILTH	HN	255.0	IAML			14:44	44.08	12	0.16	
ILTH	HE	255.0	IAML			14:44	49.40	10	0.48	
ESY	HN	267.0	IAML			14:44	49.75	8	0.28	
ESY	HE	267.0	IAML			14:44	52.27	12	0.40	
IWEX	HN	311.0	IAML			14:45	04.72	6	0.50	
IWEX	HE	311.0	IAML			14:45	04.95	6	0.32	

July 16 2022 Time: 05:42 23.2 UTC Magnitude: 1.0 ML
Lat: 57.773 Lon: -5.603 Depth: 7.6 km
Grid Ref: 185.77 kmE 881.60 kmN RMS: 0.40 secs
Locality: POOLEWE,HIGHLAND
Velocity model: Lownet Xnear: 150.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LINV	HZ	48.1	IP		D	05:42	31.59			0.12
LINV	HE	48.1	ES			05:42	37.17			-0.36
LINV	HE	48.1	IAML			05:42	37.40	9	0.23	
LINV	HN	48.1	IAML			05:42	37.89	6	0.14	
KPL	HZ	48.4	EP			05:42	31.65			0.14
KPL	HE	48.4	ES			05:42	37.33			-0.27
KPL	HE	48.4	IAML			05:42	37.81	7	0.28	
KPL	HN	48.4	IAML			05:42	43.17	4	0.20	
GVIE	HZ	97.6	EP			05:42	39.09			-0.17
GVIE	HE	97.6	IAML			05:42	52.46	4	0.26	
GVIE	HN	97.6	IAML			05:42	53.06	4	0.17	
BIGH	HZ	128.0	EP			05:42	44.25			0.45
BIGH	HE	128.0	IAML			05:43	00.58	7	0.25	
BIGH	HN	128.0	IAML			05:43	00.72	8	0.18	
MCD	HZ	142.0	EP			05:42	46.11			0.30
MCD	HE	142.0	IAML			05:43	03.88	6	0.24	
MCD	HN	142.0	IAML			05:43	05.94	4	0.24	
PITL	HZ	161.0	EP			05:42	49.13			0.56
PITL	HE	161.0	IAML			05:43	08.52	2	0.21	
PITL	HN	161.0	IAML			05:43	09.65	2	0.09	
LAWE	HZ	169.0	EP			05:42	50.41			0.79
LAWE	HN	169.0	IAML			05:43	12.22	3	0.36	
LAWE	HE	169.0	IAML			05:43	12.51	3	0.20	
INVG	HZ	177.0	EP			05:42	51.36			0.69
INVG	HE	177.0	IAML			05:43	13.67	1	0.30	
INVG	HN	177.0	IAML			05:43	13.69	1	0.14	

July 18 2022 Time: 01:27 30.6 UTC Magnitude: 0.0 ML

TABLE 2 : PHASE DATA

Lat: 56.135 Lon: -4.175 Depth: 3.3 km
Grid Ref: 264.85 kmE 695.71 kmN RMS: 0.10 secs
Locality: KIPPEN,STIRLING
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
EAB	HZ	11.7	IP		C	01:27	33.23			0.13
EAB	HN	11.7	ES			01:27	34.82			-0.10
EAB	HE	11.7	IAML			01:27	34.90	5	0.07	
EAB	HN	11.7	IAML			01:27	34.91	9	0.09	
INVG	HZ	33.5	EP			01:27	36.80			0.00
PGB1	HZ	40.9	EP			01:27	38.10			0.07
PGB1	HE	40.9	ES			01:27	43.36			-0.09
LAWE	HZ	77.2	EP			01:27	43.79			0.06
LAWE	HN	77.2	IAML			01:27	55.46	0	0.22	
LAWE	HE	77.2	IAML			01:27	55.82	1	0.20	
PITL	HZ	84.1	EP			01:27	44.77			-0.07

July 18 2022 Time: 18:16 02.6 UTC Magnitude: 0.5 ML
Lat: 56.974 Lon: -5.482 Depth: 8.4 km
Grid Ref: 188.40 kmE 792.35 kmN RMS: 0.50 secs
Locality: LOCH NEVIS,HIGHLAND
Velocity model: Lownet Xnear: 80.0 Xfar: 160.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	41.9	EP			18:16	10.13			0.23
KPL	HN	41.9	ES			18:16	14.99			-0.27
KPL	HE	41.9	IAML			18:16	15.33	4	0.14	
KPL	HN	41.9	IAML			18:16	15.41	2	0.13	
GVIE	HZ	57.7	EP			18:16	12.72			0.24
GVIE	HE	57.7	ES			18:16	19.20			-0.52
GVIE	HE	57.7	IAML			18:16	19.76	4	0.07	
GVIE	HN	57.7	IAML			18:16	19.86	4	0.20	
LAWE	HZ	79.7	EP			18:16	15.95			0.18
LAWE	HE	79.7	ES			18:16	24.79			-0.64
LAWE	HE	79.7	IAML			18:16	29.09	2	0.15	
LAWE	HN	79.7	IAML			18:16	29.30	3	0.14	
EAB	HZ	112.0	EP			18:16	21.80			0.95
EAB	HE	112.0	ES			18:16	34.73			0.53
EAB	HE	112.0	IAML			18:16	36.91	2	0.08	
EAB	HN	112.0	IAML			18:16	36.93	2	0.09	
PITL	HZ	116.0	EP			18:16	22.18			0.71
PITL	HE	116.0	IAML			18:16	36.90	1	0.04	
PITL	HN	116.0	IAML			18:16	36.92	2	0.09	
LINV	HZ	132.0	EP			18:16	23.95			0.28

July 19 2022 Time: 03:06 01.3 UTC Magnitude: 2.2 ML
Lat: 56.732 Lon: -9.254 Depth: 12.5 km
Grid Ref: -43.31 kmE 783.53 kmN RMS: 0.30 secs
Locality: NORTH ATLANTIC OCEAN
Velocity model: Lownet Xnear: 500.0 Xfar: 1000.0
Comment: 185KM NNW IRELAND

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
IDGL	HZ	215.0	EP			03:06	33.46			0.38
IDGL	HN	215.0	ES			03:06	56.25			-0.00
IDGL	HE	215.0	IAML			03:07	03.70	14	0.17	
IDGL	HN	215.0	IAML			03:07	04.97	12	0.32	
KPL	HZ	229.0	EP			03:06	34.41			-0.39
KPL	HN	229.0	IAML			03:07	06.38	14	0.28	
KPL	HE	229.0	IAML			03:07	08.79	14	0.30	
LAWE	HZ	243.0	EP			03:06	36.39			-0.23
LAWE	HN	243.0	IAML			03:07	10.59	19	0.27	
LAWE	HE	243.0	IAML			03:07	13.28	16	0.34	
CLGH	HZ	269.0	EP			03:06	39.85			-0.02
CLGH	HN	269.0	IAML			03:07	09.29	14	0.21	
CLGH	HE	269.0	IAML			03:07	12.85	8	0.26	
GVIE	HZ	289.0	EP			03:06	42.93			0.49
GVIE	HN	289.0	IAML			03:07	21.36	9	0.22	
GVIE	HE	289.0	IAML			03:07	26.90	10	0.34	
LINV	HZ	290.0	EP			03:06	42.09			-0.38
LINV	HE	290.0	IAML			03:07	22.56	13	0.39	
LINV	HN	290.0	IAML			03:07	23.37	12	0.30	
EAB	HZ	309.0	EP			03:06	44.68			-0.21
EAB	HN	309.0	IAML			03:07	27.23	10	0.59	
EAB	HE	309.0	IAML			03:07	28.60	7	0.23	
PGB1	HZ	313.0	EP			03:06	45.23			-0.10
PGB1	HE	313.0	IAML			03:07	30.52	23	0.50	
PGB1	HN	313.0	IAML			03:07	34.78	21	0.50	
INVG	HZ	322.0	EP			03:06	46.53			0.03
INVG	HE	322.0	IAML			03:07	32.49	5	0.52	
INVG	HN	322.0	IAML			03:07	34.90	7	0.32	
PITL	HZ	346.0	EP			03:06	49.83			0.31
PITL	HE	346.0	IAML			03:07	40.21	5	0.26	
PITL	HN	346.0	IAML			03:07	40.88	8	0.38	
GAL1	HZ	352.0	EP			03:06	50.11			-0.17
GAL1	HE	352.0	IAML			03:07	44.28	3	0.54	
GAL1	HN	352.0	IAML			03:07	44.59	4	0.46	
ILTH	HE	353.0	IAML			03:07	46.42	4	0.28	
ILTH	HN	353.0	IAML			03:07	49.38	3	0.60	
NEWG	HZ	362.0	EP			03:06	51.06			-0.39
NEWG	HE	362.0	IAML			03:07	40.90	2	0.22	
NEWG	HN	362.0	IAML			03:07	42.97	3	0.39	
MCD	HN	375.0	IAML			03:07	47.89	8	0.58	
MCD	HE	375.0	IAML			03:07	48.81	10	0.46	
EDI	HZ	386.0	EP			03:06	54.80			0.35
EDI	HE	386.0	IAML			03:07	54.73	5	0.51	
EDI	HN	386.0	IAML			03:07	56.37	8	0.72	
TARL	HZ	391.0	EP			03:06	55.43			0.27
TARL	HE	391.0	IAML			03:07	53.61	6	0.34	
TARL	HN	391.0	IAML			03:07	55.11	7	0.20	
ESK	HZ	409.0	EP			03:06	56.94			-0.39
ESK	HE	409.0	IAML			03:08	01.03	2	0.28	
ESK	HN	409.0	IAML			03:08	01.99	3	0.50	
DRUM	HZ	414.0	EP			03:06	58.40			0.46
DRUM	HE	414.0	IAML			03:07	58.81	4	0.43	
DRUM	HN	414.0	IAML			03:08	03.96	13	0.39	

July 20 2022 Time: 18:31 20.4 UTC Magnitude: 2.3 ML
Lat: 48.651 Lon: -5.670 Depth: 14.6 km
Grid Ref: 129.75 kmE -132.29 kmN RMS: 0.30 secs
Locality: CELTIC SEA
Velocity model: Lownet Xnear: 500.0 Xfar: 1000.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
CAMF	HZ	88.8	EP			18:31	34.97			-0.01
CAMF	HN	88.8	ES			18:31	45.89			0.23
CAMF	HE	88.8	IAML			18:31	48.44	131	0.54	
CAMF	HN	88.8	IAML			18:31	48.57	107	0.24	
LOCF	HZ	147.0	EP			18:31	43.12			-0.18
LOCF	HN	147.0	IAML			18:32	03.63	39	0.34	
LOCF	HE	147.0	IAML			18:32	11.60	27	0.32	
CCA1	HZ	174.0	EP			18:31	47.25			0.46
CCA1	HE	174.0	IAML			18:32	11.06	42	0.30	
CCA1	HN	174.0	IAML			18:32	18.36	24	0.26	
SBD	BZ	225.0	EP			18:31	53.23			0.10
SBD	BN	225.0	IAML			18:32	25.89	15	0.30	
SBD	BE	225.0	IAML			18:32	29.45	16	0.35	
DYA	HZ	235.0	EP			18:31	54.18			-0.28
DYA	HE	235.0	IAML			18:32	31.06	16	0.32	
DYA	HN	235.0	IAML			18:32	37.26	15	0.28	
PLEF	H1	247.0	ES			18:32	22.06			0.22
PLEF	H2	247.0	IAML			18:32	33.01	21	0.14	
PLEF	H1	247.0	IAML			18:32	34.58	56	0.42	
HTL	HE	274.0	IAML			18:32	45.11	23	0.44	
HTL	HN	274.0	IAML			18:32	49.91	17	0.36	
LOUF	HZ	323.0	EP			18:32	04.88			-0.53
LOUF	HN	323.0	IAML			18:32	55.03	12	0.63	
LOUF	HE	323.0	IAML			18:32	59.20	9	0.38	
SROF	HN	338.0	IAML			18:33	04.57	12	0.50	
SROF	HE	338.0	IAML			18:33	08.14	10	0.48	

July 21 2022 Time: 21:00 06.3 UTC Magnitude: 1.1 ML
Lat: 57.163 Lon: -5.550 Depth: 4.4 km
Grid Ref: 185.37 kmE 813.58 kmN RMS: 0.30 secs
Locality: ARNISDALE,HIGHLAND
Velocity model: Lownet Xnear: 150.0 Xfar: 300.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	20.6	IP		D	21:00	10.40			0.13
KPL	HN	20.6	ES			21:00	13.13			-0.05
KPL	HN	20.6	IAML			21:00	13.36	29	0.18	
KPL	HE	20.6	IAML			21:00	13.43	29	0.14	
GVIE	HZ	60.4	EP			21:00	16.32			-0.53
GVIE	HN	60.4	IAML			21:00	30.41	6	0.14	
GVIE	HE	60.4	IAML			21:00	30.55	6	0.11	
LAWE	HZ	101.0	EP			21:00	22.57			-0.46
LAWE	HN	101.0	ES			21:00	35.23			-0.01
LAWE	HE	101.0	IAML			21:00	37.53	8	0.36	
LAWE	HN	101.0	IAML			21:00	38.11	11	0.10	
LINV	HZ	112.0	EP			21:00	24.68			0.01
LINV	HE	112.0	IAML			21:00	40.80	4	0.12	
LINV	HN	112.0	IAML			21:00	41.42	2	0.20	
INVG	HZ	123.0	EP			21:00	26.81			0.30
INVG	HE	123.0	IAML			21:00	42.18	3	0.16	
INVG	HN	123.0	IAML			21:00	42.32	3	0.14	
PITL	HZ	125.0	IP		C	21:00	27.02			0.26
PITL	HE	125.0	IAML			21:00	42.52	4	0.22	
PITL	HN	125.0	IAML			21:00	43.72	4	0.08	
EAB	HZ	131.0	EP			21:00	28.28			0.51
EAB	HN	131.0	IAML			21:00	44.89	5	0.24	
EAB	HE	131.0	IAML			21:00	45.02	4	0.10	
MCD	HZ	146.0	EP			21:00	30.02			0.20
MCD	HE	146.0	IAML			21:00	49.77	7	0.48	
MCD	HN	146.0	IAML			21:00	50.43	4	0.26	
TARL	HZ	162.0	EP			21:00	31.72			-0.42
TARL	HN	162.0	IAML			21:00	55.42	4	0.10	
TARL	HE	162.0	IAML			21:00	57.54	3	0.14	
BIGH	HN	177.0	IAML			21:00	57.20	4	0.29	
BIGH	HE	177.0	IAML			21:00	57.60	5	0.20	
DRUM	HN	188.0	IAML			21:01	00.65	4	0.20	
DRUM	HE	188.0	IAML			21:01	02.12	3	0.33	

July 25 2022 Time: 02:35 55.0 UTC Magnitude: 1.2 ML
Lat: 55.105 Lon: -7.532 Depth: 3.1 km
Grid Ref: 47.27 kmE 592.94 kmN RMS: 0.20 secs
Locality: RATHMULLAN,CO DONEGAL
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
IDGL	HZ	4.2	IP		C	02:35	56.04			-0.19
IDGL	HN	4.2	ES			02:35	57.23			0.11
CLGH	HZ	90.8	EP			02:36	10.52			0.23
CLGH	HN	90.8	ES			02:36	21.31			-0.13

TABLE 2 : PHASE DATA

CLGH	HN	90.8	IAML		02:36	23.13	10	0.18	
CLGH	HE	90.8	IAML		02:36	23.43	10	0.22	
ILTH	HZ	143.0	EP		02:36	18.07			-0.09
ILTH	HN	143.0	ES		02:36	35.11			0.05

July 26 2022 Time: 09:11 59.2 UTC Magnitude: 0.7 ML
Lat: 55.675 Lon: -5.804 Depth: 11.5 km
Grid Ref: 160.85 kmE 648.95 kmN RMS: 0.20 secs
Locality: GIGHA,ARGYLL & BUTE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 2KM OFFSHORE GIGHA

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
CLGH	HE	68.7	ES			09:12	19.06			-0.15
CLGH	HN	68.7	IAML			09:12	19.38	4	0.16	
CLGH	HE	68.7	IAML			09:12	20.20	3	0.12	
LAWE	HZ	69.9	EP			09:12	10.79			-0.14
LAWE	HE	69.9	ES			09:12	19.35			-0.14
LAWE	HN	69.9	IAML			09:12	21.52	2	0.18	
LAWE	HE	69.9	IAML			09:12	21.56	3	0.13	
PGB1	HZ	84.3	EP			09:12	13.38			0.21
PGB1	HE	84.3	ES			09:12	23.39			0.02
PGB1	HE	84.3	IAML			09:12	23.84	9	0.15	
PGB1	HN	84.3	IAML			09:12	23.93	8	0.22	
EAB	HZ	108.0	EP			09:12	16.92			0.12
EAB	HN	108.0	ES			09:12	29.67			0.02
EAB	HE	108.0	IAML			09:12	30.86	2	0.09	
EAB	HN	108.0	IAML			09:12	32.61	1	0.18	
GAL1	HZ	114.0	EP			09:12	17.99			0.42
GAL1	HN	114.0	ES			09:12	31.05			0.07
GAL1	HN	114.0	IAML			09:12	31.64	2	0.20	
GAL1	HE	114.0	IAML			09:12	32.97	3	0.15	
NEWG	HZ	117.0	EP			09:12	18.14			0.02
NEWG	HN	117.0	ES			09:12	31.48			-0.45
NEWG	HN	117.0	IAML			09:12	32.02	1	0.12	
NEWG	HE	117.0	IAML			09:12	33.68	2	0.11	

July 28 2022 Time: 01:05 27.4 UTC Magnitude: 0.3 ML
Lat: 54.095 Lon: -0.871 Depth: 18.3 km
Grid Ref: 473.83 kmE 467.18 kmN RMS: 0.20 secs
Locality: CRAMBECK,N YORKSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AU11	HZ	12.0	EP			01:05	32.50			0.08
AU11	HN	12.0	ES			01:05	36.28			0.22
AU11	HN	12.0	IAML			01:05	36.75	2	0.20	
AU11	HE	12.0	IAML			01:05	36.76	2	0.10	
AU08	HZ	14.1	EP			01:05	32.58			-0.01
AU08	HE	14.1	ES			01:05	36.60			0.25
AU08	HN	14.1	IAML			01:05	36.94	4	0.13	
AU08	HE	14.1	IAML			01:05	37.01	4	0.21	
AU18	HZ	20.0	EP			01:05	32.99			-0.06
AU18	HN	20.0	ES			01:05	36.41			-0.73
AU18	HE	20.0	IAML			01:05	37.74	3	0.16	
AU18	HN	20.0	IAML			01:05	37.91	2	0.10	
AU05	HZ	26.2	EP			01:05	33.52			-0.11
AU05	HE	26.2	ES			01:05	38.19			0.03
GDLE	HZ	36.5	EP			01:05	35.03			0.16
GDLE	HN	36.5	ES			01:05	40.58			0.28
GDLE	HE	36.5	IAML			01:05	41.57	7	0.15	
GDLE	HN	36.5	IAML			01:05	42.00	5	0.10	
HPK	HZ	51.6	EP			01:05	36.87			0.06
HPK	HN	51.6	ES			01:05	43.66			0.01
HPK	HN	51.6	IAML			01:05	44.07	3	0.18	
HPK	HE	51.6	IAML			01:05	44.84	2	0.22	
AS07	HE	71.8	ES			01:05	48.27			-0.23
AS07	HN	71.8	IAML			01:05	48.72	3	0.08	
AS07	HE	71.8	IAML			01:05	49.14	2	0.11	
AR05	HZ	76.0	EP			01:05	40.21			0.05
LBWR	HN	95.5	IAML			01:05	55.39	1	0.16	
LBWR	HE	95.5	IAML			01:05	55.55	1	0.13	

July 28 2022 Time: 17:18 47.6 UTC Magnitude: 0.3 ML
Lat: 55.979 Lon: -4.268 Depth: 6.3 km
Grid Ref: 258.50 kmE 678.54 kmN RMS: 0.20 secs
Locality: STRATHBLANE,STIRLING
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
PGB1	HZ	23.0	EP			17:18	52.12			0.03
PGB1	HN	23.0	ES			17:18	55.14			-0.21
PGB1	HE	23.0	IAML			17:18	55.28	19	0.16	
PGB1	HN	23.0	IAML			17:18	55.28	25	0.16	
EAB	HZ	23.7	IP		D	17:18	52.24			0.01
EAB	HE	23.7	ES			17:18	55.52			-0.06
EAB	HE	23.7	IAML			17:18	55.92	2	0.10	
EAB	HN	23.7	IAML			17:18	55.96	3	0.09	
INVG	HZ	51.8	IP		C	17:18	56.86			0.21
INVG	HE	51.8	ES			17:19	02.95			-0.28
INVG	HE	51.8	IAML			17:19	03.29	2	0.24	
INVG	HN	51.8	IAML			17:18	56.91	2	0.03	
LAWE	HZ	77.0	EP			17:19	00.95			0.43
LAWE	HN	77.0	ES			17:19	09.78			-0.15
LAWE	HN	77.0	IAML			17:19	10.14	2	0.17	
LAWE	HE	77.0	IAML			17:19	13.37	2	0.17	
NEWG	HE	96.0	ES			17:19	15.16			0.14
NEWG	HN	96.0	IAML			17:19	18.00	1	0.26	
NEWG	HZ	96.0	IAML			17:19	18.13	1	0.19	
ESK	HN	99.6	ES			17:19	16.01			-0.03
ESK	HE	99.6	IAML			17:19	18.58	1	0.11	
ESK	HN	99.6	IAML			17:19	18.94	1	0.23	
GAL1	HE	127.0	ES			17:19	23.13			-0.18

July 30 2022 Time: 15:06 08.6 UTC Magnitude: 0.4 ML
Lat: 55.927 Lon: -3.983 Depth: 10.7 km
Grid Ref: 276.11 kmE 672.21 kmN RMS: 0.10 secs
Locality: WATTSTON,N LANARKSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
PGB1	HZ	33.9	EP			15:06	14.82			0.06
PGB1	HN	33.9	ES			15:06	19.30			0.04
PGB1	HE	33.9	IAML			15:06	19.76	17	0.19	
PGB1	HN	33.9	IAML			15:06	21.95	10	0.40	
EAB	HZ	36.5	EP			15:06	15.34			0.16
EAB	HE	36.5	ES			15:06	19.86			-0.13
EAB	HE	36.5	IAML			15:06	20.92	2	0.13	
EAB	HN	36.5	IAML			15:06	21.55	3	0.41	
INVG	HZ	55.8	EP			15:06	18.30			0.15
ESK	HE	83.8	ES			15:06	32.43			-0.19
ESK	HE	83.8	IAML			15:06	33.72	1	0.27	
ESK	HN	83.8	IAML			15:06	36.71	2	0.13	
NEWG	HN	91.5	ES			15:06	34.75			0.10
NEWG	HN	91.5	IAML			15:06	36.28	1	0.51	
NEWG	HE	91.5	IAML			15:06	39.15	1	0.25	
LAWE	HN	95.6	ES			15:06	35.56			-0.19
LAWE	HN	95.6	IAML			15:06	35.68	2	0.21	
LAWE	HE	95.6	IAML			15:06	35.92	2	0.35	

July 30 2022 Time: 19:24 06.8 UTC Magnitude: 1.1 ML
Lat: 54.774 Lon: -3.263 Depth: 7.6 km
Grid Ref: 318.76 kmE 542.86 kmN RMS: 0.30 secs
Locality: ASPATRIA,CUMBRIA
Velocity model: Lownet Xnear: 75.0 Xfar: 150.0
Comment: 4KM ENE ASPATRIA

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KESW	HZ	23.0	IP		D	19:24	11.18			-0.11
KESW	HE	23.0	ES			19:24	14.33			-0.22
KESW	HE	23.0	IAML			19:24	14.45	15	0.12	
KESW	HN	23.0	IAML			19:24	14.49	14	0.10	
AQ12	HZ	50.0	EP			19:24	15.36			-0.13
AQ12	HE	50.0	ES			19:24	21.33			-0.49
AQ12	HN	50.0	IAML			19:24	22.08	22	0.09	
AQ12	HE	50.0	IAML			19:24	22.12	22	0.08	
ESK	HZ	60.5	EP			19:24	17.16			0.08
ESK	HN	60.5	ES			19:24	24.10			-0.48
ESK	HE	60.5	IAML			19:24	24.88	8	0.26	
ESK	HN	60.5	IAML			19:24	25.02	5	0.08	
NEWG	HZ	72.8	EP			19:24	19.25			0.28
NEWG	HN	72.8	ES			19:24	27.67			-0.18
NEWG	HE	72.8	IAML			19:24	30.32	7	0.09	
NEWG	HN	72.8	IAML			19:24	30.32	5	0.06	
AR09	HZ	81.0	IP		C	19:24	20.62			0.30
EDMD	HZ	83.9	IP		D	19:24	21.32			0.65
EDMD	HN	83.9	ES			19:24	30.89			0.12
EDMD	HN	83.9	IAML			19:24	33.17	20	0.20	
EDMD	HE	83.9	IAML			19:24	33.47	27	0.14	
GAL1	HZ	93.7	EP			19:24	22.49			0.29
GAL1	HE	93.7	ES			19:24	33.20			-0.23
GAL1	HN	93.7	IAML			19:24	35.08	10	0.16	
GAL1	HE	93.7	IAML			19:24	35.31	5	0.08	
IOMK	HZ	102.0	EP			19:24	23.95			0.45
IOMK	HN	102.0	IAML			19:24	38.64	2	0.09	
IOMK	HE	102.0	IAML			19:24	38.98	2	0.12	
AS07	HZ	104.0	EP			19:24	24.22			0.42
AS07	HN	104.0	IAML			19:24	37.22	6	0.24	
AS07	HE	104.0	IAML			19:24	37.32	5	0.18	
AR05	HN	119.0	IAML			19:24	41.64	10	0.50	
AR05	HE	119.0	IAML			19:24	42.91	14	0.44	
ESY	HZ	134.0	EP			19:24	29.12			0.78
AT10	HE	142.0	IAML			19:24	51.00	5	0.40	
AT10	HN	142.0	IAML			19:24	55.50	5	0.42	

July 31 2022 Time: 15:51 37.0 UTC Magnitude: 1.0 ML
Lat: 56.394 Lon: -4.294 Depth: 3.7 km
Grid Ref: 258.42 kmE 724.77 kmN RMS: 0.30 secs
Locality: LOCHEARNHEAD,STIRLING
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: FELT LOCHEARNHEAD Intensity: 2

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
INVG	HZ	15.8	IP		C	15:51	40.25			0.03
INVG	HE	15.8	ES			15:51	42.17			-0.39
INVG	HN	15.8	IAML			15:51	42.51	37	0.15	
INVG	HE	15.8	IAML			15:51	42.58	31	0.14	
EAB	HZ	23.0	EP			15:51	41.73			0.30
EAB	HN	23.0	ES			15:51	44.71			0.04
EAB	HE	23.0	IAML			15:51	44.98	14	0.20	
EAB	HN	23.0	IAML			15:51	45.10	30	0.18	
PITL	HZ	63.8	EP			15:51	48.04			-0.04
PITL	HN	63.8	IAML			15:52	01.81	9	0.08	
PITL	HE	63.8	IAML			15:52	02.36	6	0.24	

TABLE 2 : PHASE DATA

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LAWE	HZ	70.0	IP		C	15:51	49.08			0.09
LAWE	HN	70.0	ES			15:51	57.24			-0.50
LAWE	HN	70.0	IAML			15:51	57.87	15	0.28	
LAWE	HE	70.0	IAML			15:52	01.68	9	0.14	
TARL	HZ	122.0	EP			15:51	57.52			0.46
TARL	HE	122.0	IAML			15:52	15.30	12	0.18	
TARL	HN	122.0	IAML			15:52	16.40	11	0.13	
KPL	HN	134.0	ES			15:52	15.22			0.44
KPL	HN	134.0	IAML			15:52	16.61	2	0.25	
KPL	HE	134.0	IAML			15:52	17.09	3	0.26	

July 31 2022 Time: 22:23 34.0 UTC Magnitude: 1.0 ML
Lat: 58.480 Lon: -2.817 Depth: 5.0 km
Grid Ref: 352.36 kmE 954.89 kmN RMS: 0.40 secs
Locality: WICK,HIGHLAND
Velocity model: Lownet Xnear: 150.0 Xfar: 300.0
Comment: 15KM OFFSHORE WICK

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
BIGH	HZ	63.8	IP		C	22:23	44.73			-0.21
BIGH	HN	63.8	ES			22:23	53.13			0.23
BIGH	HN	63.8	IAML			22:23	54.18	8	0.09	
BIGH	HE	63.8	IAML			22:23	54.61	10	0.32	
MCD	HZ	103.0	EP			22:23	50.38			-0.71
MCD	HN	103.0	ES			22:24	03.46			-0.09
MCD	HN	103.0	IAML			22:24	05.34	3	0.22	
MCD	HE	103.0	IAML			22:24	05.44	2	0.16	
LINV	HZ	144.0	EP			22:23	57.08			-0.14
LINV	HN	144.0	IAML			22:24	11.55	2	0.28	
LINV	HE	144.0	IAML			22:24	15.68	1	0.16	
TARL	HZ	147.0	EP			22:23	58.06			0.41
TARL	HN	147.0	ES			22:24	15.03			0.14
TARL	HE	147.0	IAML			22:24	16.66	11	0.19	
TARL	HN	147.0	IAML			22:24	17.62	6	0.14	
GVIE	HZ	185.0	EP			22:24	03.76			0.84
GVIE	HE	185.0	IAML			22:24	27.87	1	0.24	
GVIE	HN	185.0	IAML			22:24	30.66	1	0.12	
KPL	HZ	211.0	EP			22:24	05.61			-0.35

August 1 2022 Time: 00:29 24.7 UTC Magnitude: 0.9 ML
Lat: 53.464 Lon: -1.289 Depth: 3.4 km
Grid Ref: 447.20 kmE 396.63 kmN RMS: 0.60 secs
Locality: THRYBERGH,S YORKSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LBWR	HZ	29.7	EP			00:29	30.20			-0.04
LBWR	HN	29.7	ES			00:29	34.72			0.41
LBWR	HE	29.7	IAML			00:29	35.36	14	0.13	
LBWR	HN	29.7	IAML			00:29	36.50	13	0.31	
AS02	HZ	47.3	EP			00:29	32.36			-0.81
AS02	HN	47.3	ES			00:29	38.44			-0.94
AS02	HE	47.3	IAML			00:29	40.50	4	0.24	
AS02	HN	47.3	IAML			00:29	42.74	3	0.27	
HPK	HE	59.3	IAML			00:29	44.33	7	0.24	
HPK	HN	59.3	IAML			00:29	45.24	8	0.15	
AR05	HZ	75.9	EP			00:29	38.17			0.57
CWF	HZ	80.7	EP			00:29	38.70			0.36
CWF	HN	80.7	IAML			00:29	53.37	2	0.20	
CWF	HE	80.7	IAML			00:29	53.65	2	0.19	
AU08	HZ	84.3	EP			00:29	38.49			-0.41
AU18	HZ	95.3	EP			00:29	39.88			-0.70
AR07	HZ	97.3	EP			00:29	41.27			0.35
AR07	HN	97.3	ES			00:29	53.40			0.62
AR07	HE	97.3	IAML			00:29	56.81	7	0.33	
AR07	HN	97.3	IAML			00:29	57.51	12	0.26	
AS07	HZ	97.7	EP			00:29	40.12			-0.90
AS07	HN	97.7	IAML			00:29	55.99	7	0.25	
AS07	HE	97.7	IAML			00:29	56.71	4	0.34	
AT10	HZ	101.0	EP			00:29	41.35			-0.19
AT10	HE	101.0	ES			00:29	54.09			0.24
AT10	HN	101.0	IAML			00:29	55.32	6	0.48	
AT10	HE	101.0	IAML			00:29	57.50	6	0.31	
GDLE	HZ	111.0	EP			00:29	43.83			0.77
GDLE	HE	111.0	ES			00:29	56.90			0.42
GDLE	HN	111.0	IAML			00:29	58.12	11	0.24	
GDLE	HE	111.0	IAML			00:29	58.17	8	0.23	
AR09	HN	114.0	ES			00:29	57.58			0.31
AR09	HN	114.0	IAML			00:29	59.78	13	0.36	
AR09	HE	114.0	IAML			00:29	59.95	8	0.09	
AQ12	HZ	145.0	EP			00:29	48.45			0.31
AQ12	HN	145.0	IAML			00:30	06.35	1	0.29	
AQ12	HE	145.0	IAML			00:30	06.93	2	0.22	
HLM1	HZ	150.0	EP			00:29	49.74			0.85
HLM1	HN	150.0	IAML			00:30	10.03	2	0.38	
HLM1	HE	150.0	IAML			00:30	10.35	2	0.30	
EDMD	HZ	158.0	EP			00:29	49.78			-0.24
EDMD	HN	158.0	IAML			00:30	09.10	3	0.22	
EDMD	HE	158.0	IAML			00:30	10.36	4	0.19	

August 3 2022 Time: 20:43 46.4 UTC Magnitude: 1.3 ML
Lat: 53.690 Lon: -3.883 Depth: 4.8 km
Grid Ref: 275.67 kmE 423.18 kmN RMS: 0.40 secs
Locality: IRISH SEA
Velocity model: Lownet Xnear: 100.0 Xfar: 175.0
Comment: 40KM NNW LLANDUDNO

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
WPS	HZ	52.0	IP		D	20:43	55.29			-0.16
WPS	HN	52.0	ES			20:44	02.48			0.40
WPS	HN	52.0	IAML			20:44	03.54	12	0.18	
WPS	HE	52.0	IAML			20:44	03.91	11	0.20	
WLF1	HZ	56.1	IP		D	20:43	55.75			-0.35
WLF1	HE	56.1	ES			20:44	03.18			-0.03
WLF1	HN	56.1	IAML			20:44	05.04	10	0.46	
WLF1	HE	56.1	IAML			20:44	05.20	11	0.12	
AP12	HZ	80.0	EP			20:43	59.57			-0.25
AP12	HE	80.0	ES			20:44	08.96			-0.69
AP12	HN	80.0	IAML			20:44	11.30	8	0.27	
AP12	HE	80.0	IAML			20:44	11.98	9	0.10	
AR07	HZ	99.7	EP			20:44	03.50			0.61
AR07	HN	99.7	IAML			20:44	18.30	23	0.25	
AR07	HE	99.7	IAML			20:44	19.13	18	0.23	
FOEL	HZ	100.0	EP			20:44	02.74			-0.24
FOEL	HE	100.0	ES			20:44	15.11			-0.01
FOEL	HE	100.0	IAML			20:44	18.47	11	0.35	
FOEL	HN	100.0	IAML			20:44	18.61	14	0.19	
AQ12	HZ	111.0	EP			20:44	04.78			0.06
AQ12	HE	111.0	ES			20:44	18.18			0.06
AQ12	HE	111.0	IAML			20:44	19.42	8	0.08	
AQ12	HN	111.0	IAML			20:44	20.34	13	0.20	
KESW	HZ	112.0	EP			20:44	05.32			0.49
KESW	HN	112.0	ES			20:44	18.73			0.41
KESW	HE	112.0	IAML			20:44	20.08	22	0.45	
KESW	HN	112.0	IAML			20:44	20.89	10	0.24	
HLM1	HZ	147.0	EP			20:44	10.01			0.03
DSB	HZ	173.0	EP			20:44	13.68			0.10
DSB	HE	173.0	ES			20:44	34.25			0.80
DSB	HN	173.0	IAML			20:44	36.38	2	0.24	
DSB	HE	173.0	IAML			20:44	38.11	2	0.30	
EDMD	HE	178.0	IAML			20:44	37.24	11	0.31	
EDMD	HN	178.0	IAML			20:44	39.53	10	0.11	

August 8 2022 Time: 01:33 17.9 UTC Magnitude: 2.3 ML
Lat: 52.101 Lon: 0.186 Depth: 9.4 km
Grid Ref: 549.71 kmE 247.04 kmN RMS: 0.30 secs
Locality: SAWSTON,CAMBRIDGESHIRE
Velocity model: Lownet Xnear: 150.0 Xfar: 300.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
ELMS	HZ	55.1	IP		C	01:33	26.92			-0.34
ELMS	HN	55.1	ES			01:33	33.77			-0.35
ELMS	HE	55.1	IAML			01:33	34.31	133	0.17	
ELMS	HN	55.1	IAML			01:33	35.12	180	0.18	
BEDF	HZ	75.3	IP		C	01:33	30.33			-0.06
BEDF	HN	75.3	ES			01:33	39.25			-0.28
BEDF	HE	75.3	IAML			01:33	40.33	115	0.23	
BEDF	HN	75.3	IAML			01:33	44.91	146	0.20	
WACR	HZ	75.6	IP		D	01:33	30.83			0.38
WACR	HN	75.6	ES			01:33	40.11			0.48
WACR	HE	75.6	IAML			01:33	40.83	109	0.09	
WACR	HN	75.6	IAML			01:33	45.97	80	0.11	
BRDL	HZ	106.0	IP		D	01:33	35.10			-0.09
BRDL	HE	106.0	ES			01:33	47.87			0.03
BRDL	HE	106.0	IAML			01:33	48.72	132	0.23	
BRDL	HN	106.0	IAML			01:33	51.76	83	0.51	
CWF	HZ	124.0	EP			01:33	37.37			-0.47
CWF	HE	124.0	ES			01:33	51.89			-0.53
CWF	HN	124.0	IAML			01:33	52.66	52	0.10	
CWF	HE	124.0	IAML			01:33	53.83	38	0.10	
ELSH	HZ	125.0	IP		D	01:33	37.89			-0.04
ELSH	HN	125.0	ES			01:33	52.54			-0.04
ELSH	HE	125.0	IAML			01:33	53.62	38	0.37	
ELSH	HN	125.0	IAML			01:33	54.99	44	0.26	
HMNX	HZ	138.0	EP			01:33	40.13			0.38
HMNX	HN	138.0	ES			01:33	56.09			0.36
HMNX	HN	138.0	IAML			01:33	58.18	68	0.19	
HMNX	HE	138.0	IAML			01:33	58.70	62	0.34	
SWN1	HZ	152.0	EP			01:33	41.96			0.15
LMK	HZ	155.0	EP			01:33	42.98			0.74
STRD	HZ	166.0	EP			01:33	43.74			0.01
STRD	HE	166.0	IAML			01:34	06.06	40	0.08	
STRD	HN	166.0	IAML			01:34	11.65	51	0.49	
STNC	HN	196.0	IAML			01:34	13.82	38	0.18	
STNC	HE	196.0	IAML			01:34	19.46	36	0.34	
MONM	HZ	208.0	EP			01:33	48.79			-0.19
MONM	HN	208.0	IAML			01:34	15.71	28	0.21	
MONM	HE	208.0	IAML			01:34	15.81	25	0.22	
HLM1	HZ	214.0	EP			01:33	49.82			-0.06
HLM1	HE	214.0	IAML			01:34	15.67	26	0.34	
HLM1	HN	214.0	IAML			01:34	15.75	29	0.35	
MCH1	HZ	219.0	EP			01:33	49.96			-0.43
MCH1	HE	219.0	IAML			01:34	17.03	32	0.38	
MCH1	HN	219.0	IAML			01:34	17.68	18	0.17	
HPK	HZ	240.0	EP			01:33	52.70			-0.32
HPK	HE	240.0	IAML			01:34	27.48	24	0.24	
HPK	HN	240.0	IAML			01:34	32.02	30	0.28	
FOEL	HZ	246.0	EP			01:33	53.88			0.02
FOEL	HN	246.0	IAML			01:34	25.51	16	0.29	
FOEL	HE	246.0	IAML			01:34	25.79	16	0.50	

August 9 2022 Time: 21:05 12.8 UTC Magnitude: 0.5 ML

TABLE 2 : PHASE DATA

Lat: 55.538 Lon: -5.017 Depth: 7.6 km
Grid Ref: 209.65 kmE 631.28 kmN RMS: 0.30 secs
Locality: ARRAN,NORTH AYRSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 4KM OFFSHORE ARRAN

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
PGB1	HZ	45.3	EP			21:05	20.71			-0.02
PGB1	HN	45.3	ES			21:05	26.36			-0.14
PGB1	HN	45.3	IAML			21:05	26.72	11	0.15	
PGB1	HE	45.3	IAML			21:05	26.86	8	0.17	
NEWG	HZ	68.5	EP			21:05	24.55			0.24
NEWG	HN	68.5	ES			21:05	32.42			-0.27
NEWG	HN	68.5	IAML			21:05	35.78	4	0.18	
NEWG	HE	68.5	IAML			21:05	35.87	6	0.28	
GAL1	HZ	77.3	EP			21:05	26.12			0.45
GAL1	HE	77.3	ES			21:05	34.55			-0.49
GAL1	HE	77.3	IAML			21:05	35.01	2	0.12	
GAL1	HN	77.3	IAML			21:05	37.91	1	0.18	
LAWE	HZ	83.8	EP			21:05	27.02			0.33
LAWE	HN	83.8	ES			21:05	36.44			-0.37
LAWE	HE	83.8	IAML			21:05	36.84	1	0.33	
LAWE	HN	83.8	IAML			21:05	37.09	1	0.19	
EAB	HZ	84.0	EP			21:05	26.67			-0.07
EAB	HE	84.0	ES			21:05	36.59			-0.31
EAB	HN	84.0	IAML			21:05	37.61	3	0.11	
EAB	HE	84.0	IAML			21:05	37.63	2	0.12	
CLGH	HZ	85.9	EP			21:05	27.29			0.26
CLGH	HN	85.9	ES			21:05	37.12			-0.29
CLGH	HN	85.9	IAML			21:05	39.79	3	0.20	
CLGH	HE	85.9	IAML			21:05	40.17	5	0.18	
INVG	HZ	116.0	EP			21:05	32.32			0.59
INVG	HE	116.0	IAML			21:05	47.80	1	0.19	
INVG	HN	116.0	IAML			21:05	47.90	1	0.30	
ESK	HZ	117.0	EP			21:05	32.30			0.39
ESK	HN	117.0	IAML			21:05	47.42	1	0.15	
ESK	HE	117.0	IAML			21:05	47.89	1	0.21	

August 10 2022 Time: 04:31 09.6 UTC Magnitude: 1.0 ML
Lat: 57.506 Lon: -5.710 Depth: 2.7 km
Grid Ref: 177.78 kmE 852.25 kmN RMS: 0.40 secs
Locality: SHIELDAIG,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	18.9	EP			04:31	13.39			0.08
KPL	HE	18.9	ES			04:31	15.70			-0.29
KPL	HN	18.9	IAML			04:31	15.81	67	0.14	
KPL	HE	18.9	IAML			04:31	15.92	56	0.12	
LINV	HZ	77.6	EP			04:31	22.99			0.13
LINV	HE	77.6	ES			04:31	32.11			-0.40
LINV	HE	77.6	IAML			04:31	32.33	3	0.26	
LINV	HN	77.6	IAML			04:31	34.85	2	0.30	
GVIE	HZ	82.7	EP			04:31	23.76			-0.01
LAWE	HZ	140.0	EP			04:31	33.06			0.60
LAWE	HE	140.0	ES			04:31	48.81			-0.31
LAWE	HN	140.0	IAML			04:31	50.85	3	0.11	
LAWE	HE	140.0	IAML			04:31	51.04	3	0.12	
MCD	HZ	147.0	EP			04:31	34.06			0.53
MCD	HN	147.0	IAML			04:31	51.98	4	0.23	
MCD	HE	147.0	IAML			04:31	52.83	4	0.18	
PITL	HZ	149.0	EP			04:31	34.13			0.35
PITL	HE	149.0	IAML			04:31	52.75	2	0.15	
PITL	HN	149.0	IAML			04:31	54.75	2	0.09	
BIGH	HZ	153.0	EP			04:31	35.04			0.74
BIGH	HE	153.0	IAML			04:31	53.88	3	0.14	
BIGH	HN	153.0	IAML			04:31	54.16	4	0.11	
EAB	HE	169.0	IAML			04:31	57.74	3	0.26	
EAB	HN	169.0	IAML			04:31	57.76	2	0.20	

August 11 2022 Time: 13:32 57.2 UTC Magnitude: 0.8 ML
Lat: 51.577 Lon: -3.101 Depth: 7.2 km
Grid Ref: 323.71 kmE 187.09 kmN RMS: 0.10 secs
Locality: NEWPORT,GWENT
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 5KM WEST NEWPORT

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
MONM	HZ	35.7	EP			13:33	03.73			0.11
MONM	HE	35.7	ES			13:33	08.56			0.25
MONM	HN	35.7	IAML			13:33	08.67	18	0.12	
MONM	HE	35.7	IAML			13:33	08.76	21	0.12	
OLDB	HZ	39.3	EP			13:33	04.04			-0.11
MCH1	HZ	47.3	EP			13:33	05.37			-0.07
MCH1	HN	47.3	ES			13:33	11.44			-0.02
MCH1	HN	47.3	IAML			13:33	11.55	10	0.10	
MCH1	HE	47.3	IAML			13:33	11.68	14	0.12	
STRD	HZ	68.6	EP			13:33	08.68			-0.05
STRD	HN	68.6	ES			13:33	17.12			-0.04
HLM1	HE	106.0	ES			13:33	27.04			-0.18
HLM1	HE	106.0	IAML			13:33	29.54	1	0.27	
HLM1	HN	106.0	IAML			13:33	29.58	2	0.13	
RSBS	HZ	121.0	EP			13:33	17.07			0.21
RSBS	HN	121.0	ES			13:33	31.13			-0.09
RSBS	HN	121.0	IAML			13:33	33.17	1	0.10	
RSBS	HE	121.0	IAML			13:33	33.45	1	0.09	
DYA	HE	140.0	ES			13:33	35.96			0.03
DYA	HN	140.0	IAML			13:33	36.92	2	0.16	
DYA	HE	140.0	IAML			13:33	38.62	2	0.27	

August 12 2022 Time: 00:30 33.4 UTC Magnitude: 2.4 ML
Lat: 49.533 Lon: -9.400 Depth: 10.0 km
Grid Ref: -135.17 kmE -14.40 kmN RMS: 0.20 secs
Locality: CELTIC SEA
Velocity model: Lownet Xnear: 500.0 Xfar: 1000.0
Comment: 285KM WSW PENZANCE

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
VAL	HZ	274.0	EP			00:31	12.89			0.17
VAL	HE	274.0	IAML			00:31	50.43	20	0.32	
VAL	HN	274.0	IAML			00:31	51.51	25	0.24	
CCA1	HZ	309.0	EP			00:31	16.92			-0.19
CCA1	HE	309.0	IAML			00:32	05.67	14	0.21	
CCA1	HN	309.0	IAML			00:32	07.84	17	0.17	
IWEX	HZ	366.0	EP			00:31	24.21			-0.05
IWEX	HE	366.0	IAML			00:32	25.02	4	0.44	
IWEX	HN	366.0	IAML			00:32	26.39	7	0.58	
CAMF	HZ	378.0	EP			00:31	25.79			0.05
CAMF	HE	378.0	IAML			00:32	29.68	6	0.60	
CAMF	HN	378.0	IAML			00:32	41.90	7	0.62	
HTL	HZ	386.0	EP			00:31	26.82			0.04
HTL	HE	386.0	IAML			00:32	30.53	11	0.26	
HTL	HN	386.0	IAML			00:32	33.48	10	0.62	
DYA	HZ	405.0	EP			00:31	28.98			-0.16
DYA	HN	405.0	IAML			00:32	31.70	12	0.36	
DYA	HE	405.0	IAML			00:32	33.53	8	0.23	
LOCF	HZ	429.0	EP			00:31	32.13			0.06
LOCF	HN	429.0	IAML			00:32	46.44	5	0.62	
LOCF	HE	429.0	IAML			00:32	48.22	4	0.62	
IGLA	HZ	433.0	EP			00:31	32.32			-0.23
DSB	HE	464.0	IAML			00:32	54.34	2	0.44	
DSB	HN	464.0	IAML			00:32	54.56	2	0.76	
JSA	HZ	526.0	EP			00:31	44.48			0.20
JSA	HN	526.0	IAML			00:32	33.05	3	0.84	
JSA	HE	526.0	IAML			00:32	34.38	4	0.74	
MCH1	HZ	528.0	EP			00:31	44.91			0.37
MCH1	HN	528.0	IAML			00:32	40.11	3	0.34	
MCH1	HE	528.0	IAML			00:32	41.06	3	0.36	
PLEF	HZ	530.0	EP			00:31	44.46			-0.23

August 14 2022 Time: 20:30 12.4 UTC Magnitude: 0.5 ML
Lat: 53.237 Lon: -2.666 Depth: 13.4 km
Grid Ref: 355.55 kmE 371.35 kmN RMS: 0.20 secs
Locality: HATCHMERE,CHESHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
FOEL	HZ	52.7	EP			20:30	21.64			0.09
FOEL	HE	52.7	ES			20:30	28.17			-0.07
FOEL	HE	52.7	IAML			20:30	29.18	2	0.12	
FOEL	HN	52.7	IAML			20:30	29.42	4	0.40	
AS02	HN	57.4	ES			20:30	29.05			-0.39
AS02	HE	57.4	IAML			20:30	29.59	2	0.13	
AS02	HN	57.4	IAML			20:30	29.60	2	0.23	
LBWR	HZ	65.3	EP			20:30	23.74			0.26
HLM1	HE	81.2	ES			20:30	35.73			-0.12
HLM1	HN	81.2	IAML			20:30	35.88	1	0.17	
HLM1	HE	81.2	IAML			20:30	36.19	2	0.26	
AR07	HN	85.6	ES			20:30	37.29			0.34
AR07	HE	85.6	IAML			20:30	37.83	4	0.15	
AR07	HN	85.6	IAML			20:30	39.15	4	0.04	
HPK	HN	106.0	ES			20:30	41.89			-0.18
HPK	HN	106.0	IAML			20:30	43.00	6	0.18	
HPK	HE	106.0	IAML			20:30	43.49	4	0.27	
CWF	HN	107.0	ES			20:30	42.56			0.28
CWF	HE	107.0	IAML			20:30	42.74	1	0.14	
CWF	HN	107.0	IAML			20:30	45.12	2	0.20	
WLF1	HZ	116.0	EP			20:30	30.72			-0.19
WLF1	HE	116.0	ES			20:30	44.44			0.00
WLF1	HN	116.0	IAML			20:30	45.20	1	0.13	
WLF1	HE	116.0	IAML			20:30	45.83	1	0.09	
AS07	HE	123.0	ES			20:30	46.09			-0.26
AS07	HN	123.0	IAML			20:30	48.08	2	0.12	
AS07	HE	123.0	IAML			20:30	48.73	2	0.22	
AP12	HE	126.0	ES			20:30	47.31			0.30
AP12	HE	126.0	IAML			20:30	48.37	1	0.13	
AP12	HN	126.0	IAML			20:30	49.18	0	0.06	
AQ12	HE	134.0	ES			20:30	48.87			-0.14
AQ12	HE	134.0	IAML			20:30	49.55	1	0.20	
AQ12	HN	134.0	IAML			20:30	51.17	1	0.30	

August 14 2022 Time: 21:35 29.6 UTC Magnitude: 0.6 ML
Lat: 54.575 Lon: -2.783 Depth: 7.2 km
Grid Ref: 349.39 kmE 520.27 kmN RMS: 0.30 secs
Locality: BUTTERWICK,CUMBRIA
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AQ12	HZ	15.5	IP		D	21:35	32.95			0.02
AQ12	HE	15.5	ES			21:35	35.16			-0.18
AQ12	HN	15.5	IAML			21:35	35.26	71	0.07	
AQ12	HE	15.5	IAML			21:35	35.35	42	0.07	
KESW	HZ	20.9	IP		C	21:35	33.89			0.10
KESW	HN	20.9	ES			21:35	36.71			-0.11

TABLE 2 : PHASE DATA

KESW	HN	20.9	IAML		21:35	36.83	7	0.13	
KESW	HE	20.9	IAML		21:35	36.93	4	0.18	
AP12	HZ	43.1	EP		21:35	37.16			-0.06
AP12	HE	43.1	ES		21:35	42.25			-0.51
AP12	HN	43.1	IAML		21:35	42.49	2	0.15	
AP12	HE	43.1	IAML		21:35	42.50	2	0.16	
AR09	HZ	44.8	EP		21:35	37.45			-0.09
AR09	HN	44.8	IAML		21:35	44.70	19	0.04	
AR09	HE	44.8	IAML		21:35	45.09	11	0.07	
EDMD	HZ	60.1	EP		21:35	39.85			0.03
EDMD	HN	60.1	ES		21:35	46.67			-0.59
EDMD	HN	60.1	IAML		21:35	46.91	8	0.15	
EDMD	HE	60.1	IAML		21:35	46.92	4	0.13	
AR07	HZ	67.8	EP		21:35	41.42			0.36
AR07	HE	67.8	ES		21:35	49.84			0.45
AR07	HN	67.8	IAML		21:35	52.83	2	0.15	
AR07	HE	67.8	IAML		21:35	53.88	2	0.25	
ESK	HZ	86.9	EP		21:35	44.60			0.57

August 15 2022 Time: 10:21 20.9 UTC Magnitude: 0.9 ML
Lat: 52.966 Lon: -4.354 Depth: 9.1 km
Grid Ref: 241.93 kmE 343.59 kmN RMS: 0.10 secs
Locality: LLANAELHAEARN,GWYNEDD
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
WLF1	HZ	36.1	EP		10:21	27.40			0.04
WLF1	HE	36.1	ES		10:21	32.12			0.05
WLF1	HE	36.1	IAML		10:21	32.25	23	0.13	
WLF1	HN	36.1	IAML		10:21	32.54	22	0.08	
WPS	HZ	49.3	EP		10:21	29.44			0.04
WPS	HE	49.3	ES		10:21	35.37			-0.23
WPS	HN	49.3	IAML		10:21	36.03	8	0.28	
WPS	HE	49.3	IAML		10:21	36.18	8	0.21	
FOEL	HZ	78.1	EP		10:21	34.15			0.21
FOEL	HN	78.1	ES		10:21	43.30			-0.16
FOEL	HE	78.1	ES		10:21	43.42			-0.04
FOEL	HN	78.1	IAML		10:21	43.90	4	0.36	
FOEL	HE	78.1	IAML		10:21	46.62	6	0.12	
HLM1	HZ	111.0	EP		10:21	39.28			0.19
HLM1	HE	111.0	IAML		10:21	53.98	2	0.09	
HLM1	HN	111.0	IAML		10:21	54.23	4	0.14	
RSBS	HZ	116.0	EP		10:21	39.66			-0.10
RSBS	HN	116.0	IAML		10:21	56.01	3	0.12	
RSBS	HE	116.0	IAML		10:21	56.18	3	0.07	

August 20 2022 Time: 11:11 47.0 UTC Magnitude: 1.1 ML
Lat: 53.090 Lon: -1.327 Depth: 2.6 km
Grid Ref: 445.07 kmE 355.00 kmN RMS: 0.50 secs
Locality: ASHFIELD,NOTTS
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
STBN	CZ	28.6	EP		11:11	52.26			-0.07
STBN	CN	28.6	ES		11:11	56.46			0.26
STBN	CE	28.6	IAML		11:11	56.60	58	0.17	
STBN	CN	28.6	IAML		11:11	56.64	31	0.18	
CWF	HZ	39.1	EP		11:11	53.85			-0.30
CWF	HN	39.1	ES		11:11	58.91			-0.44
CWF	HN	39.1	IAML		11:11	59.39	6	0.15	
CWF	HE	39.1	IAML		11:11	59.40	8	0.23	
LBWR	HZ	43.7	EP		11:11	54.42			-0.52
LBWR	HE	43.7	ES		11:12	00.39			-0.33
LBWR	HE	43.7	IAML		11:12	01.45	10	0.12	
LBWR	HN	43.7	IAML		11:12	01.59	10	0.10	
AU08	HZ	123.0	EP		11:12	07.77			0.43
AU08	HN	123.0	IAML		11:12	24.10	9	0.48	
AU08	HE	123.0	IAML		11:12	24.84	8	0.47	
HLM1	HZ	123.0	EP		11:12	08.18			0.90
HLM1	HE	123.0	IAML		11:12	26.87	6	0.28	
HLM1	HN	123.0	IAML		11:12	26.95	3	0.32	
FOEL	HZ	128.0	EP		11:12	08.89			0.80
AT10	HN	143.0	ES		11:12	27.88			0.62
MCH1	HE	166.0	IAML		11:12	37.00	3	0.14	
MCH1	HN	166.0	IAML		11:12	37.04	4	0.23	

August 20 2022 Time: 13:44 22.6 UTC Magnitude: 1.2 ML
Lat: 51.646 Lon: -5.437 Depth: 7.1 km
Grid Ref: 162.25 kmE 199.78 kmN RMS: 0.30 secs
Locality: CELTIC SEA
Velocity model: Lownet Xnear: 200.0 Xfar: 300.0
Comment: 11KM WSW SKOKHOLM

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
RSBS	HZ	58.7	EP		13:44	32.59			-0.02
RSBS	HN	58.7	ES		13:44	39.57			-0.36
RSBS	HN	58.7	IAML		13:44	39.61	24	0.12	
RSBS	HE	58.7	IAML		13:44	39.68	26	0.12	
HTL	HZ	98.3	EP		13:44	38.93			0.21
HTL	HE	98.3	ES		13:44	50.06			-0.43
HTL	HE	98.3	IAML		13:44	51.90	5	0.16	
HTL	HN	98.3	IAML		13:44	52.71	6	0.30	
IWEX	HZ	122.0	EP		13:44	42.43			-0.06
IWEX	HE	122.0	ES		13:44	56.84			-0.17
IWEX	HN	122.0	IAML		13:44	57.05	2	0.13	
IWEX	HE	122.0	IAML		13:44	58.41	2	0.09	
MCH1	HZ	173.0	EP		13:44	50.10			0.52
MCH1	HE	173.0	IAML		13:45	10.86	6	0.34	
MCH1	HN	173.0	IAML		13:45	11.17	5	0.32	
HLM1	HZ	200.0	EP		13:44	53.38			0.30
HLM1	HN	200.0	IAML		13:45	18.49	6	0.38	
HLM1	HE	200.0	IAML		13:45	18.51	2	0.22	

August 24 2022 Time: 19:43 27.2 UTC Magnitude: 0.6 ML
Lat: 53.267 Lon: -4.672 Depth: 16.0 km
Grid Ref: 221.82 kmE 377.81 kmN RMS: 0.10 secs
Locality: ANGLESEY,GWYNEDD
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: HOLY ISLAND

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
WLF1	HZ	18.6	IP	C	19:43	31.36			-0.06
WLF1	HE	18.6	ES		19:43	34.59			0.09
WLF1	HE	18.6	IAML		19:43	34.72	10	0.16	
WLF1	HN	18.6	IAML		19:43	34.74	11	0.16	
WPS	HZ	18.8	IP	C	19:43	31.34			-0.10
WPS	HE	18.8	ES		19:43	34.54			-0.01
WPS	HN	18.8	IAML		19:43	34.60	8	0.10	
WPS	HE	18.8	IAML		19:43	34.68	16	0.16	
LLW	BN	82.0	ES		19:43	50.47			-0.20
FOEL	HZ	107.0	EP		19:43	44.76			0.33
FOEL	HE	107.0	ES		19:43	57.03			0.01
FOEL	HE	107.0	IAML		19:43	58.08	3	0.39	
FOEL	HN	107.0	IAML		19:43	58.18	2	0.17	
IOMK	HZ	111.0	EP		19:43	44.88			-0.00
IOMK	HE	111.0	IAML		19:43	58.80	3	0.23	
IOMK	HN	111.0	IAML		19:43	59.24	1	0.26	

August 25 2022 Time: 13:05 33.5 UTC Magnitude: 2.0 ML
Lat: 48.838 Lon: -1.769 Depth: 6.5 km
Grid Ref: 416.95 kmE -117.98 kmN RMS: 0.10 secs
Locality: ENGLISH CHANNEL
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: CHAUSEY ISLANDS

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
JDG	EZ	44.6	EP		13:05	41.29			-0.06
JDC	EZ	44.6	EP		13:05	41.41			0.05
JDC	EN	44.6	ES		13:05	47.25			0.17
JDC	EE	44.6	IAML		13:05	47.68	257	0.12	
JDC	EN	44.6	IAML		13:05	48.02	274	0.10	
JSA	HZ	48.8	EP		13:05	41.90			-0.11
JSA	HN	48.8	ES		13:05	48.18			-0.03
JSA	HE	48.8	IAML		13:05	48.86	102	0.10	
JSA	HN	48.8	IAML		13:05	48.93	82	0.10	
SROF	HZ	53.6	EP		13:05	42.84			0.08
SROF	HN	53.6	ES		13:05	49.49			-0.01
SROF	HE	53.6	IAML		13:05	49.90	68	0.34	
SROF	HN	53.6	IAML		13:05	50.38	40	0.28	
PLEF	HZ	56.4	EP		13:05	43.18			-0.03
BESN	HZ	60.7	EP		13:05	43.93			0.06
BESN	HE	60.7	ES		13:05	51.28			-0.14
BESN	HE	60.7	IAML		13:05	51.66	91	0.46	
BESN	HN	60.7	IAML		13:05	51.81	69	0.20	
LOCF	HZ	141.0	EP		13:05	56.17			0.04
LOCF	HN	141.0	IAML		13:06	12.06	36	0.26	
LOCF	HE	141.0	IAML		13:06	12.98	37	0.08	

August 25 2022 Time: 17:23 55.7 UTC Magnitude: 2.0 ML
Lat: 52.402 Lon: 3.007 Depth: 10.0 km
Grid Ref: 740.50 kmE 290.06 kmN RMS: 0.60 secs
Locality: SOUTHERN NORTH SEA
Velocity model: North Sea Xnear: 500.0 Xfar: 1000.0
Comment: 90KM EAST LOWESTOFT

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
SIZE	CZ	96.9	EP		17:24	11.07			-0.25
SIZE	CE	96.9	IAML		17:24	26.68	31	0.30	
SIZE	CN	96.9	IAML		17:24	28.95	36	0.24	
BEDF	HZ	120.0	EP		17:24	13.88			-1.06
ELMS	HZ	142.0	EP		17:24	17.12			-0.77
ELMS	HE	142.0	IAML		17:24	41.46	19	0.34	
ELMS	HN	142.0	IAML		17:24	41.69	41	0.44	
WACR	HZ	165.0	EP		17:24	21.57			0.80
WACR	HE	165.0	IAML		17:24	23.23	26	0.22	
WACR	HN	165.0	IAML		17:24	44.44	19	0.18	
LBWR	HZ	337.0	EP		17:24	42.43			0.26
LBWR	HN	337.0	IAML		17:25	39.41	8	0.36	
LBWR	HE	337.0	IAML		17:25	44.76	6	0.32	
AS02	HZ	359.0	EP		17:24	44.77			-0.09
AS07	HZ	389.0	EP		17:24	48.49			-0.06
HLM1	HZ	400.0	EP		17:24	50.84			0.83
HLM1	HN	400.0	IAML		17:25	51.96	3	0.48	
HLM1	HE	400.0	IAML		17:25	53.35	4	0.72	
MONM	HZ	403.0	EP		17:24	51.40			1.11
MCH1	HZ	413.0	EP		17:24	52.39			0.83
MCH1	HE	413.0	IAML		17:25	39.85	2	0.28	
MCH1	HN	413.0	IAML		17:25	41.61	3	0.37	
AR09	HZ	416.0	EP		17:24	51.95			0.00
FOEL	HZ	424.0	EP		17:24	53.84			0.95
AQ12	HZ	445.0	EP		17:24	55.07			-0.45
LLW	BZ	454.0	EP		17:24	57.03			0.33
AP12	HZ	468.0	EP		17:24	57.97			-0.48
KESW	HZ	473.0	EP		17:24	58.85			-0.16

TABLE 2 : PHASE DATA

ESK	HZ	522.0	EP		17:25	05.18			0.12
ESK	HE	522.0	IAML		17:25	06.12	2	0.26	
ESK	HN	522.0	IAML		17:25	06.29	2	0.92	
DYA	HZ	530.0	EP		17:25	05.51			-0.55
ESY	HZ	536.0	EP		17:25	06.86			-0.04
IOMK	HZ	545.0	EP		17:25	07.22			-0.74
GAL1	HZ	579.0	EP		17:25	11.74			-0.46
CCA1	HZ	625.0	EP		17:25	17.22			-0.63
EAB	HZ	637.0	EP		17:25	19.25			-0.14

August 25 2022 Time: 22:26 51.5 UTC Magnitude: 1.8 ML
Lat: 52.205 Lon: 2.804 Depth: 10.0 km
Grid Ref: 728.16 kmE 267.23 kmN RMS: 0.50 secs
Locality: SOUTHERN NORTH SEA
Velocity model: North Sea Xnear: 500.0 Xfar: 1000.0
Comment: 80KM ESE LOWESTOFT

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
BEDF	HZ	106.0	EP		22:27	08.13			-0.32
BEDF	HN	106.0	IAML		22:27	27.40	22	0.22	
BEDF	HE	106.0	IAML		22:27	28.31	29	0.34	
ELMS	HZ	125.0	EP		22:27	10.65			-0.75
ELMS	HN	125.0	IAML		22:27	34.09	22	0.30	
ELMS	HE	125.0	IAML		22:27	34.14	13	0.36	
WACR	HZ	159.0	EP		22:27	16.32			0.58
WACR	HE	159.0	IAML		22:27	45.41	12	0.24	
WACR	HN	159.0	IAML		22:27	46.71	17	0.30	
ELSH	HZ	165.0	EP		22:27	16.19			-0.31
ELSH	HN	165.0	IAML		22:27	17.85	18	0.44	
ELSH	HE	165.0	IAML		22:27	20.27	17	0.60	
CWF	HZ	286.0	EP		22:27	31.81			0.30
CWF	HN	286.0	IAML		22:28	18.88	3	0.28	
CWF	HE	286.0	IAML		22:28	21.18	3	0.34	
AS02	HZ	356.0	EP		22:27	40.27			0.05
MONM	HZ	387.0	EP		22:27	44.59			0.48
HLM1	HZ	389.0	EP		22:27	44.47			0.12
HLM1	HE	389.0	IAML		22:28	33.36	2	1.18	
HLM1	HN	389.0	IAML		22:28	34.19	1	0.30	
MCH1	HZ	398.0	EP		22:27	46.11			0.61
MCH1	HE	398.0	IAML		22:28	29.98	2	1.28	
MCH1	HN	398.0	IAML		22:28	33.56	2	0.62	
EDMD	HZ	430.0	EP		22:27	48.71			-0.77
EDMD	HN	430.0	IAML		22:28	06.01	2	0.64	
EDMD	HE	430.0	IAML		22:28	06.48	2	0.70	
DYA	HZ	509.0	EP		22:27	59.50			0.24
CCA1	HZ	604.0	EP		22:28	10.74			-0.35

August 26 2022 Time: 01:47 11.1 UTC Magnitude: 4.2 ML
Lat: 61.804 Lon: 4.129 Depth: 19.1 km
Grid Ref: 722.71 kmE 1339.99 kmN RMS: 0.60 secs
Locality: NORWEGIAN SEA
Velocity model: North Sea Xnear: 750.0 Xfar: 1500.0
Comment: FELT NORWAY Intensity: 3

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
FOO	HZ	53.5	EP		01:47	20.24			0.10
FOO	HN	53.5	ES		01:47	26.07			-0.64
FOO	HN	53.5	IAML		01:47	26.69	4968	0.44	
FOO	HE	53.5	IAML		01:47	26.99	4701	0.16	
SUE	HZ	89.9	EP		01:47	26.44			0.81
SUE	HN	89.9	ES		01:47	37.17			0.97
SUE	HE	89.9	IAML		01:47	38.60	21779	0.38	
SUE	HN	89.9	IAML		01:47	38.70	6944	0.48	
BER	HZ	171.0	EP		01:47	36.31			0.25
BER	HE	171.0	IAML		01:48	00.35	643	0.26	
BER	HN	171.0	IAML		01:48	01.13	594	0.24	
MOL	HZ	197.0	EP		01:47	38.95			-0.38
MOL	HN	197.0	ES		01:48	00.74			0.83
MOL	HE	197.0	IAML		01:48	05.59	201	0.48	
MOL	HN	197.0	IAML		01:48	06.02	184	0.24	
KMY	HZ	296.0	EP		01:47	51.65			0.06
KMY	HN	296.0	IAML		01:48	38.11	544	0.52	
KMY	HE	296.0	IAML		01:48	42.91	886	0.36	
STAV	HZ	331.0	EP		01:47	55.49			-0.46
LRW	HZ	342.0	EP		01:47	58.36			1.05
LRW	HN	342.0	ES		01:48	32.00			0.99
LRW	HE	342.0	IAML		01:48	35.42	265	0.38	
LRW	HN	342.0	IAML		01:48	35.76	179	0.40	
SNART	HZ	422.0	EP		01:48	06.80			-0.48
SNART	HE	422.0	IAML		01:49	14.48	679	0.36	
SNART	HN	422.0	IAML		01:49	15.64	367	0.52	
BIGH	HZ	579.0	EP		01:48	27.23			0.56
BIGH	HE	579.0	IAML		01:49	25.69	157	0.34	
BIGH	HN	579.0	IAML		01:49	28.39	148	0.42	
MCD	HZ	627.0	EP		01:48	32.97			0.26
MCD	HN	627.0	IAML		01:49	37.48	147	0.26	
MCD	HE	627.0	IAML		01:49	38.09	160	0.56	
TARL	HZ	651.0	EP		01:48	35.78			0.06
TARL	HE	651.0	IAML		01:49	40.50	368	0.16	
TARL	HN	651.0	IAML		01:49	40.68	319	0.14	
LINV	HZ	660.0	EP		01:48	36.98			0.17
LINV	HE	660.0	IAML		01:49	42.65	52	0.52	
LINV	HN	660.0	IAML		01:49	42.72	90	0.18	
DRUM	HZ	661.0	EP		01:48	37.07			0.08
DRUM	HE	661.0	IAML		01:49	46.07	202	0.34	
DRUM	HN	661.0	IAML		01:49	46.33	358	0.46	
PITL	HZ	708.0	EP		01:48	42.49			-0.24
PITL	HN	708.0	IAML		01:49	52.97	109	0.36	
PITL	HE	708.0	IAML		01:49	52.98	93	0.36	
GVIE	HZ	718.0	EP		01:48	43.90			-0.17
GVIE	HE	718.0	IAML		01:49	56.46	67	0.32	
GVIE	HN	718.0	IAML		01:49	57.39	51	0.48	
KPL	HZ	742.0	EP		01:48	46.46			-0.55
KPL	HE	742.0	IAML		01:49	59.11	42	0.28	
KPL	HN	742.0	IAML		01:49	59.37	61	0.26	
INVG	HZ	759.0	EP		01:48	48.78			-0.33
INVG	HN	759.0	IAML		01:50	05.69	48	0.34	
INVG	HE	759.0	IAML		01:50	06.45	62	0.48	
ESY	HZ	762.0	EP		01:48	49.20			-0.23
ESY	HN	762.0	IAML		01:50	05.17	45	0.38	
ESY	HE	762.0	IAML		01:50	07.06	52	0.34	
EDI	HZ	778.0	EP		01:48	52.03			0.55
EDI	HE	778.0	IAML		01:50	10.57	71	0.26	
EDI	HN	778.0	IAML		01:50	11.00	52	0.50	
EAB	HZ	791.0	EP		01:48	53.31			0.20
EAB	HN	791.0	IAML		01:50	12.58	78	0.42	
EAB	HE	791.0	IAML		01:50	15.15	57	0.38	
LAWE	HZ	823.0	EP		01:48	56.52			-0.58
LAWE	HE	823.0	IAML		01:50	17.10	60	0.40	
LAWE	HN	823.0	IAML		01:50	19.20	85	0.30	
ESK	HZ	838.0	EP		01:48	58.50			-0.43
ESK	HE	838.0	IAML		01:50	24.53	43	0.32	
ESK	HN	838.0	IAML		01:50	24.76	47	0.40	
EDMD	HZ	854.0	EP		01:48	59.59			-1.27
EDMD	HN	854.0	IAML		01:50	23.46	46	0.26	
EDMD	HE	854.0	IAML		01:50	25.24	45	0.26	
AT10	HZ	884.0	EP		01:49	03.92			-0.77
NEWG	HZ	889.0	EP		01:49	05.05			-0.17
NEWG	HE	889.0	IAML		01:50	33.54	38	0.46	
NEWG	HN	889.0	IAML		01:50	33.75	36	0.44	
AQ12	HZ	914.0	EP		01:49	07.32			-1.06
AQ12	HN	914.0	IAML		01:50	39.57	25	0.22	
AQ12	HE	914.0	IAML		01:50	40.98	20	0.30	
CLGH	HZ	956.0	EP		01:49	12.79			-0.76
CLGH	HE	956.0	IAML		01:50	46.86	31	0.50	
CLGH	HN	956.0	IAML		01:50	47.24	32	0.34	

August 30 2022 Time: 08:18 53.5 UTC Magnitude: 0.7 ML
Lat: 52.165 Lon: -2.395 Depth: 5.8 km
Grid Ref: 372.99 kmE 251.98 kmN RMS: 0.10 secs
Locality: SUCKLEY,WORCESTERSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
MCH1	HZ	45.3	EP		08:19	01.42			-0.10
MCH1	HN	45.3	ES		08:19	07.16			-0.22
MCH1	HE	45.3	IAML		08:19	07.42	10	0.20	
MCH1	HN	45.3	IAML		08:19	07.51	16	0.24	
MONM	HZ	45.8	EP		08:19	01.56			-0.02
MONM	HN	45.8	ES		08:19	07.72			0.23
MONM	HE	45.8	IAML		08:19	08.27	4	0.13	
MONM	HN	45.8	IAML		08:19	08.83	4	0.14	
STRD	HZ	46.1	EP		08:19	01.61			-0.03
HLM1	HZ	51.4	EP		08:19	02.41			-0.09
HLM1	HN	51.4	ES		08:19	09.06			-0.01
HLM1	HN	51.4	IAML		08:19	09.30	4	0.30	
HLM1	HE	51.4	IAML		08:19	09.35	5	0.20	
FOEL	HZ	97.4	EP		08:19	09.76			0.13
CWF	HZ	97.7	EP		08:19	09.55			-0.08
LLW	BZ	115.0	EP		08:19	12.55			0.24
LLW	BE	115.0	IAML		08:19	27.90	1	0.27	
LLW	BN	115.0	IAML		08:19	28.43	1	0.15	
RSBS	HE	163.0	IAML		08:19	38.57	2	0.15	
RSBS	HN	163.0	IAML		08:19	38.74	4	0.26	

August 30 2022 Time: 13:30 46.1 UTC Magnitude: 1.3 ML
Lat: 55.843 Lon: -6.189 Depth: 7.1 km
Grid Ref: 137.79 kmE 669.02 kmN RMS: 0.30 secs
Locality: ISLAY,ARGYLL & BUTE
Velocity model: Lownet Xnear: 150.0 Xfar: 300.0

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
LAWE	HZ	67.7	EP		13:30	56.74			-0.73
LAWE	HN	67.7	ES		13:31	05.83			0.04
LAWE	HE	67.7	IAML		13:31	10.05	11	0.15	
LAWE	HN	67.7	IAML		13:31	10.80	9	0.15	
CLGH	HZ	84.8	EP		13:31	00.17			0.02
CLGH	HE	84.8	ES		13:31	09.83			-0.59
CLGH	HN	84.8	IAML		13:31	12.53	14	0.23	
CLGH	HE	84.8	IAML		13:31	13.47	14	0.19	
PGB1	HZ	107.0	EP		13:31	03.88			0.30
PGB1	HN	107.0	ES		13:31	16.47			0.13
PGB1	HN	107.0	IAML		13:31	18.56	18	0.12	
PGB1	HE	107.0	IAML		13:31	19.13	18	0.30	
IDGL	HZ	120.0	EP		13:31	05.69			0.11
IDGL	HN	120.0	ES		13:31	20.05			0.24
IDGL	HN	120.0	IAML		13:31	21.52	6	0.15	
IDGL	HE	120.0	IAML		13:31	22.58	4	0.41	
GAL1	HZ	144.0	EP		13:31	09.30			0.30
GAL1	HN	144.0	IAML		13:31	26.72	6	0.30	
GAL1	HE	144.0	IAML		13:31	26.90	6	0.34	
INVG	HZ	148.0	EP		13:31	10.01			0.28

TABLE 2 : PHASE DATA

INVG	HE	148.0	IAML	13:31	30.68	4	0.42	
INVG	HN	148.0	IAML	13:31	31.35	3	0.28	
NEWG	HZ	148.0	EP	13:31	09.61			-0.02
NEWG	HN	148.0	IAML	13:31	28.73	4	0.28	
NEWG	HE	148.0	IAML	13:31	29.64	3	0.12	
KPL	HZ	170.0	EP	13:31	12.56			-0.12

September 5 2022 Time: 07:45 02.8 UTC Magnitude: 1.5 ML
Lat: 51.615 Lon: -2.198 Depth: 14.0 km
Grid Ref: 386.29 kmE 190.76 kmN RMS: 0.30 secs
Locality: TETBURY,GLOUCESTERSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 3KM SW TETBURY

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
STRD	HZ	18.1	IP		D	07:45	06.82			0.01
STRD	HE	18.1	ES			07:45	09.77			0.02
OLDB	HZ	24.9	EP			07:45	07.74			0.03
OLDB	HN	24.9	ES			07:45	11.57			0.27
OLDB	HN	24.9	IAML			07:45	12.17	273	0.35	
OLDB	HE	24.9	IAML			07:45	12.24	169	0.39	
SWN1	HZ	29.8	EP			07:45	08.46			-0.01
SWN1	HN	29.8	ES			07:45	12.96			0.35
SWN1	HN	29.8	IAML			07:45	13.18	88	0.10	
SWN1	HE	29.8	IAML			07:45	13.20	85	0.16	
MONM	HZ	48.7	EP			07:45	11.25			-0.05
MONM	HE	48.7	ES			07:45	17.52			0.00
MONM	HE	48.7	IAML			07:45	17.95	13	0.23	
MONM	HN	48.7	IAML			07:45	17.96	16	0.19	
MCH1	HZ	69.7	EP			07:45	14.19			-0.34
MCH1	HN	69.7	ES			07:45	22.85			-0.26
MCH1	HE	69.7	IAML			07:45	23.19	29	0.11	
MCH1	HN	69.7	IAML			07:45	23.31	33	0.20	
WOL	BN	75.7	ES			07:45	24.31			-0.37
WOL	BN	75.7	IAML			07:45	24.74	28	0.25	
WOL	BE	75.7	IAML			07:45	24.85	28	0.22	
HLM1	HZ	111.0	EP			07:45	20.57			-0.10
HLM1	HN	111.0	ES			07:45	33.84			0.11
HLM1	HE	111.0	IAML			07:45	34.89	9	0.13	
HLM1	HN	111.0	IAML			07:45	37.17	6	0.12	
CWF	HZ	139.0	EP			07:45	25.39			0.73
CWF	HE	139.0	ES			07:45	40.19			-0.43
CWF	HN	139.0	IAML			07:45	41.35	8	0.14	
CWF	HE	139.0	IAML			07:45	41.41	13	0.14	
FOEL	HZ	157.0	EP			07:45	27.56			0.27
FOEL	HN	157.0	ES			07:45	46.11			0.93
FOEL	HN	157.0	IAML			07:45	47.39	5	0.23	
FOEL	HE	157.0	IAML			07:45	48.42	5	0.27	
RSBS	HZ	180.0	EP			07:45	30.50			0.46
RSBS	HE	180.0	IAML			07:45	52.03	4	0.17	
RSBS	HN	180.0	IAML			07:45	52.82	5	0.18	

September 6 2022 Time: 23:00 32.1 UTC Magnitude: 0.8 ML
Lat: 56.908 Lon: -4.816 Depth: 7.6 km
Grid Ref: 228.56 kmE 783.14 kmN RMS: 0.40 secs
Locality: ROYBRIDGE,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	69.9	EP			23:00	43.85			0.08
KPL	HN	69.9	ES			23:00	51.85			-0.44
KPL	HN	69.9	IAML			23:00	55.25	4	0.11	
KPL	HE	69.9	IAML			23:00	55.50	5	0.13	
INVG	HZ	71.4	EP			23:00	44.21			0.15
INVG	HE	71.4	ES			23:00	52.18			-0.61
INVG	HN	71.4	IAML			23:00	52.91	3	0.10	
INVG	HE	71.4	IAML			23:00	53.93	2	0.16	
PITL	HZ	74.9	EP			23:00	44.60			-0.03
PITL	HN	74.9	ES			23:00	53.44			-0.34
PITL	HN	74.9	IAML			23:00	54.63	4	0.06	
PITL	HE	74.9	IAML			23:00	57.60	7	0.06	
LAWE	HZ	80.5	EP			23:00	45.26			-0.19
LAWE	HE	80.5	ES			23:00	55.13			-0.06
LAWE	HN	80.5	IAML			23:00	57.65	4	0.08	
LAWE	HE	80.5	IAML			23:00	57.84	5	0.15	
EAB	HZ	85.3	EP			23:00	47.17			0.96
EAB	HE	85.3	ES			23:00	56.50			-0.01
EAB	HE	85.3	IAML			23:00	56.85	5	0.38	
EAB	HN	85.3	IAML			23:00	59.80	5	0.13	
MCD	HZ	121.0	EP			23:00	52.27			0.58
LINV	HZ	140.0	EP			23:00	54.75			0.32

September 7 2022 Time: 21:14 39.1 UTC Magnitude: 0.6 ML
Lat: 55.358 Lon: -5.250 Depth: 7.6 km
Grid Ref: 194.02 kmE 611.92 kmN RMS: 0.40 secs
Locality: ARRAN,NORTH AYRSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 8KM SOUTH ARRAN

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
CLGH	HN	62.7	ES			21:14	57.03			-0.47
CLGH	HN	62.7	IAML			21:14	57.25	2	0.09	
CLGH	HE	62.7	IAML			21:14	57.46	2	0.11	
GAL1	HZ	64.6	EP			21:14	50.58			0.56
GAL1	HE	64.6	ES			21:14	57.98			0.02
GAL1	HN	64.6	IAML			21:15	01.78	2	0.09	
GAL1	HE	64.6	IAML			21:15	02.07	3	0.13	
PGB1	HZ	69.9	EP			21:14	50.73			-0.13
PGB1	HE	69.9	ES			21:14	59.09			-0.31
PGB1	HN	69.9	IAML			21:15	02.08	8	0.15	
PGB1	HE	69.9	IAML			21:15	02.13	7	0.16	
NEWG	HZ	70.2	EP			21:14	51.18			0.29
NEWG	HE	70.2	ES			21:14	59.00			-0.46
NEWG	HN	70.2	IAML			21:14	59.24	3	0.09	
NEWG	HE	70.2	IAML			21:14	59.24	2	0.09	
LAWE	HZ	101.0	EP			21:14	56.14			0.49
EAB	HZ	109.0	EP			21:14	57.15			0.25
EAB	HE	109.0	ES			21:15	09.64			-0.22
EAB	HE	109.0	IAML			21:15	10.05	2	0.35	
EAB	HN	109.0	IAML			21:15	10.38	2	0.19	

September 8 2022 Time: 21:12 03.9 UTC Magnitude: 0.5 ML
Lat: 55.357 Lon: -5.246 Depth: 11.8 km
Grid Ref: 194.26 kmE 611.80 kmN RMS: 0.40 secs
Locality: ARRAN,NORTH AYRSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 8KM SOUTH ARRAN

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
CLGH	HN	62.9	ES			21:12	21.93			-0.45
CLGH	HN	62.9	IAML			21:12	22.14	3	0.09	
CLGH	HE	62.9	IAML			21:12	22.36	3	0.15	
GAL1	HZ	64.4	EP			21:12	15.24			0.45
GAL1	HE	64.4	ES			21:12	22.79			0.06
GAL1	HE	64.4	IAML			21:12	25.93	2	0.11	
GAL1	HN	64.4	IAML			21:12	26.82	2	0.11	
PGB1	HN	69.8	ES			21:12	23.96			-0.24
PGB1	HN	69.8	IAML			21:12	25.16	8	0.32	
PGB1	HE	69.8	IAML			21:12	27.05	6	0.19	
NEWG	HZ	69.9	EP			21:12	15.66			0.00
NEWG	HN	69.9	ES			21:12	23.97			-0.25
NEWG	HN	69.9	IAML			21:12	24.17	2	0.09	
NEWG	HE	69.9	IAML			21:12	24.22	2	0.08	
LAWE	HZ	101.0	EP			21:12	21.31			0.85
LAWE	HE	101.0	ES			21:12	32.42			-0.11
LAWE	HN	101.0	IAML			21:12	33.29	1	0.25	
LAWE	HE	101.0	IAML			21:12	34.28	1	0.33	
EAB	HN	109.0	ES			21:12	34.16			-0.34
EAB	HE	109.0	IAML			21:12	34.64	1	0.16	
EAB	HN	109.0	IAML			21:12	35.27	2	0.23	

September 9 2022 Time: 12:50 40.5 UTC Magnitude: 0.6 ML
Lat: 54.139 Lon: -3.021 Depth: 5.2 km
Grid Ref: 333.30 kmE 471.96 kmN RMS: 0.20 secs
Locality: BARDSEA,CUMBRIA
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AP12	HZ	24.9	IP		D	12:50	45.18			-0.01
AP12	HN	24.9	ES			12:50	48.53			-0.10
AP12	HE	24.9	IAML			12:50	48.75	6	0.14	
AP12	HN	24.9	IAML			12:50	49.04	4	0.09	
AQ12	HZ	37.5	EP			12:50	47.49			0.13
AQ12	HN	37.5	ES			12:50	52.18			-0.19
AQ12	HE	37.5	IAML			12:50	52.75	9	0.09	
AQ12	HN	37.5	IAML			12:50	52.78	4	0.11	
AR07	HZ	40.1	EP			12:50	47.83			0.06
AR07	HE	40.1	ES			12:50	52.66			-0.42
AR07	HN	40.1	IAML			12:50	53.52	28	0.11	
AR07	HE	40.1	IAML			12:50	53.96	13	0.20	
KESW	HZ	50.3	EP			12:50	49.64			0.13
KESW	HE	50.3	IAML			12:50	56.53	6	0.48	
KESW	HN	50.3	IAML			12:50	57.46	4	0.27	
AR05	HN	67.6	ES			12:51	00.90			0.17
AR05	HN	67.6	IAML			12:51	01.16	6	0.32	
AR05	HE	67.6	IAML			12:51	01.88	5	0.12	
AS07	HZ	71.8	EP			12:50	53.03			0.17
IOMK	HZ	102.0	EP			12:50	57.87			0.41
IOMK	HN	102.0	ES			12:51	09.50			-0.36
IOMK	HN	102.0	IAML			12:51	09.88	2	0.22	
IOMK	HE	102.0	IAML			12:51	10.60	2	0.14	

September 9 2022 Time: 15:42 21.8 UTC Magnitude: 1.1 ML
Lat: 51.972 Lon: -2.430 Depth: 2.6 km
Grid Ref: 370.46 kmE 230.53 kmN RMS: 0.20 secs
Locality: DYMOCK,GLOUCESTERSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
STRD	HZ	28.6	IP		D	15:42	27.10			-0.07
STRD	HE	28.6	ES			15:42	31.02			-0.05
MONM	HZ	29.7	EP			15:42	27.42			0.07
MONM	HN	29.7	ES			15:42	31.42			0.05
MONM	HN	29.7	IAML			15:42	31.65	16	0.17	
MONM	HE	29.7	IAML			15:42	31.68	37	0.10	
MCH1	HZ	39.1	EP			15:42	28.92			-0.04
MCH1	HN	39.1	ES			15:42	34.00			-0.15
MCH1	HE	39.1	IAML			15:42	34.19	8	0.17	
MCH1	HN	39.1	IAML			15:42	34.21	19	0.19	
HLM1	HZ	68.1	EP			15:42	33.75			0.10
HLM1	HE	68.1	ES			15:42	42.05			-0.21
HLM1	HN	68.1	IAML			15:42	44.70	6	0.06	
HLM1	HE	68.1	IAML			15:42	44.99	6	0.08	
CWF	HE	115.0	IAML			15:42	55.65	6	0.12	

TABLE 2 : PHASE DATA

CWF	HN	115.0	IAML		15:42	58.37	7	0.26	
FOEL	HZ	115.0	EP		15:42	41.23			0.36
RSBS	HZ	159.0	EP		15:42	47.72			0.31
RSBS	HN	159.0	IAML		15:43	07.15	2	0.11	
RSBS	HE	159.0	IAML		15:43	07.95	4	0.12	
LBWR	HZ	166.0	EP		15:42	48.27			-0.14
LBWR	HE	166.0	IAML		15:43	10.26	6	0.25	
LBWR	HN	166.0	IAML		15:43	11.23	5	0.20	

September 11 2022 Time: 03:40 27.4 UTC Magnitude: 1.2 ML
Lat: 53.108 Lon: -1.275 Depth: 2.6 km
Grid Ref: 448.53 kmE 357.04 kmN RMS: 0.40 secs
Locality: ASHFIELD,NOTTS
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
STBN	CZ	30.1	EP			03:40	33.03			0.08
STBN	CE	30.1	ES			03:40	37.26			0.25
STBN	CE	30.1	IAML			03:40	37.42	72	0.17	
STBN	CN	30.1	IAML			03:40	37.46	38	0.19	
CWF	HZ	41.2	EP			03:40	34.68			-0.16
CWF	HE	41.2	ES			03:40	39.72			-0.58
CWF	HN	41.2	IAML			03:40	40.20	6	0.12	
CWF	HE	41.2	IAML			03:40	41.40	9	0.17	
LBWR	HZ	44.4	EP			03:40	35.20			-0.22
LBWR	HN	44.4	ES			03:40	41.09			-0.20
LBWR	HN	44.4	IAML			03:40	42.03	17	0.50	
LBWR	HE	44.4	IAML			03:40	42.33	15	0.34	
STNC	HN	62.4	ES			03:40	46.47			0.24
STNC	HN	62.4	IAML			03:40	49.82	17	0.38	
STNC	HE	62.4	IAML			03:40	51.08	14	0.46	
AS02	HZ	68.6	EP			03:40	38.68			-0.57
AS02	HE	68.6	IAML			03:40	49.38	11	0.20	
AS02	HN	68.6	IAML			03:40	50.43	8	0.18	
LMK	HZ	74.2	EP			03:40	40.20			0.11
HPK	HZ	97.4	EP			03:40	44.17			0.47
HPK	HN	97.4	IAML			03:40	57.84	14	0.16	
HPK	HE	97.4	IAML			03:40	58.97	14	0.24	
HLM1	HZ	127.0	EP			03:40	49.04			0.78
HLM1	HN	127.0	IAML			03:41	07.62	4	0.30	
HLM1	HE	127.0	IAML			03:41	07.68	7	0.28	
MCH1	HZ	170.0	EP			03:40	55.55			1.04
MCH1	HE	170.0	IAML			03:41	16.97	2	0.20	
MCH1	HN	170.0	IAML			03:41	17.71	4	0.18	
MONM	HZ	175.0	EP			03:40	56.42			1.22
MONM	HN	175.0	IAML			03:41	18.94	6	0.30	
MONM	HE	175.0	IAML			03:41	19.60	5	0.28	

September 11 2022 Time: 04:36 55.0 UTC Magnitude: 1.1 ML
Lat: 53.104 Lon: -1.286 Depth: 2.5 km
Grid Ref: 447.80 kmE 356.58 kmN RMS: 0.50 secs
Locality: ASHFIELD,NOTTS
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
STBN	CZ	29.8	EP			04:37	00.61			0.06
STBN	CE	29.8	ES			04:37	04.83			0.24
STBN	CE	29.8	IAML			04:37	05.00	45	0.18	
STBN	CN	29.8	IAML			04:37	05.04	22	0.18	
CWF	HZ	40.7	EP			04:37	02.27			-0.17
CWF	HN	40.7	ES			04:37	07.31			-0.53
CWF	HN	40.7	IAML			04:37	07.77	4	0.12	
CWF	HE	40.7	IAML			04:37	08.98	6	0.20	
LBWR	HZ	44.2	EP			04:37	02.72			-0.33
LBWR	HN	44.2	ES			04:37	08.67			-0.23
LBWR	HN	44.2	IAML			04:37	09.60	12	0.50	
LBWR	HE	44.2	IAML			04:37	09.83	10	0.12	
AS02	HZ	68.4	EP			04:37	06.81			-0.07
AS02	HE	68.4	IAML			04:37	16.72	8	0.28	
AS02	HN	68.4	IAML			04:37	18.08	6	0.42	
LMK	HZ	75.1	EP			04:37	07.78			-0.11
HPK	HZ	97.6	EP			04:37	11.79			0.39
HPK	HE	97.6	IAML			04:37	26.55	10	0.22	
HPK	HN	97.6	IAML			04:37	27.21	12	0.15	
HLM1	HZ	126.0	EP			04:37	16.57			0.77
HLM1	HN	126.0	IAML			04:37	34.63	2	0.26	
HLM1	HE	126.0	IAML			04:37	35.25	5	0.30	
AT10	HN	141.0	IAML			04:37	37.48	11	0.30	
AT10	HE	141.0	IAML			04:37	37.97	16	0.26	
GDLE	HZ	150.0	EP			04:37	19.80			0.51
GDLE	HE	150.0	IAML			04:37	38.82	8	0.42	
GDLE	HN	150.0	IAML			04:37	42.55	12	0.69	
MCH1	HZ	169.0	EP			04:37	23.39			1.33
MCH1	HN	169.0	IAML			04:37	45.39	2	0.15	
MCH1	HE	169.0	IAML			04:37	45.41	2	0.19	
MONM	HZ	175.0	EP			04:37	24.08			1.31
MONM	HE	175.0	IAML			04:37	46.42	3	0.24	
MONM	HN	175.0	IAML			04:37	46.55	4	0.28	

September 15 2022 Time: 17:00 52.4 UTC Magnitude: 1.0 ML
Lat: 52.111 Lon: -0.909 Depth: 10.1 km
Grid Ref: 474.70 kmE 246.46 kmN RMS: 0.20 secs
Locality: POTTERSPURY,NORTHANTS
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
CWF	HZ	74.9	IP		D	17:01	05.10			0.22
CWF	HN	74.9	ES			17:01	13.91			-0.10
CWF	HE	74.9	IAML			17:01	15.15	6	0.10	
CWF	HN	74.9	IAML			17:01	15.62	7	0.10	
STRD	HZ	93.9	EP			17:01	07.60			-0.23
STRD	HN	93.9	ES			17:01	19.22			0.12
STRD	HN	93.9	IAML			17:01	19.40	8	0.20	
STRD	HE	93.9	IAML			17:01	19.98	16	0.40	
MONM	HN	134.0	ES			17:01	29.46			0.20
MONM	HN	134.0	IAML			17:01	31.21	4	0.20	
MONM	HE	134.0	IAML			17:01	31.89	3	0.23	
HLM1	HZ	142.0	EP			17:01	14.56			-0.36
HLM1	HE	142.0	ES			17:01	31.41			0.03
HLM1	HE	142.0	IAML			17:01	31.79	2	0.23	
HLM1	HN	142.0	IAML			17:01	32.02	2	0.27	
MCH1	HZ	144.0	EP			17:01	15.44			0.28
MCH1	HE	144.0	ES			17:01	31.57			-0.23
MCH1	HE	144.0	IAML			17:01	33.63	2	0.25	
MCH1	HN	144.0	IAML			17:01	33.84	2	0.09	

September 17 2022 Time: 06:11 50.9 UTC Magnitude: 2.4 ML
Lat: 59.767 Lon: 2.281 Depth: 10.0 km
Grid Ref: 640.33 kmE 1105.66 kmN RMS: 0.30 secs
Locality: NORTHERN NORTH SEA
Velocity model: North Sea Xnear: 500.0 Xfar: 1000.0
Comment: 195KM ESE LERWICK

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KMY	HZ	179.0	EP			06:12	17.71			0.03
KMY	HN	179.0	IAML			06:12	36.82	72	0.18	
KMY	HE	179.0	IAML			06:12	36.90	64	0.18	
BER	HZ	183.0	EP			06:12	17.69			-0.50
LRW	HZ	198.0	EP			06:12	20.09			0.14
LRW	HN	198.0	IAML			06:12	50.60	18	0.26	
LRW	HE	198.0	IAML			06:12	49.89	20	0.32	
SUE	HZ	198.0	EP			06:12	19.73			-0.30
SUE	HE	198.0	IAML			06:12	41.59	37	0.10	
SUE	HN	198.0	IAML			06:12	41.75	42	0.20	
STAV	HZ	216.0	EP			06:12	22.20			0.02
FOO	HZ	254.0	EP			06:12	26.87			-0.04
FOO	HE	254.0	IAML			06:12	52.31	17	0.42	
FOO	HN	254.0	IAML			06:12	53.41	11	0.21	
SNART	HZ	324.0	EP			06:12	35.96			0.25
SNART	HN	324.0	IAML			06:13	20.51	14	0.28	
SNART	HE	324.0	IAML			06:13	20.51	16	0.38	
BIGH	HZ	382.0	EP			06:12	42.70			-0.11
BIGH	HE	382.0	IAML			06:13	20.92	11	0.14	
BIGH	HN	382.0	IAML			06:13	21.40	16	0.10	
TARL	HZ	418.0	EP			06:12	47.30			-0.03
MOL	HZ	422.0	EP			06:12	48.38			0.60
MOL	HE	422.0	IAML			06:13	30.79	1	0.14	
MOL	HN	422.0	IAML			06:13	31.49	1	0.30	
DRUM	HZ	423.0	EP			06:12	47.90			-0.05
DRUM	HN	423.0	IAML			06:13	30.57	20	0.34	
DRUM	HE	423.0	IAML			06:13	31.48	18	0.40	

September 17 2022 Time: 16:16 31.3 UTC Magnitude: 1.0 ML
Lat: 54.027 Lon: -3.333 Depth: 13.6 km
Grid Ref: 312.69 kmE 459.84 kmN RMS: 0.30 secs
Locality: IRISH SEA
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 10KM SW BARROW

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AP12	HZ	31.8	IP		D	16:16	37.64			0.38
AP12	HE	31.8	ES			16:16	41.60			-0.00
AP12	HE	31.8	IAML			16:16	41.90	11	0.19	
AP12	HN	31.8	IAML			16:16	42.31	6	0.18	
AQ10	HN	35.5	ES			16:16	42.71			0.21
AQ10	HN	35.5	IAML			16:16	43.25	34	0.27	
AQ10	HE	35.5	IAML			16:16	43.98	37	0.27	
AR07	HZ	57.4	IP		C	16:16	41.35			0.19
AR07	HN	57.4	ES			16:16	47.87			-0.49
AR07	HN	57.4	IAML			16:16	49.40	25	0.16	
AR07	HE	57.4	IAML			16:16	49.64	21	0.07	
AQ12	HZ	59.3	EP			16:16	41.56			0.08
AQ12	HE	59.3	ES			16:16	48.53			-0.37
AQ12	HE	59.3	IAML			16:16	49.10	15	0.10	
AQ12	HN	59.3	IAML			16:16	49.37	12	0.17	
AR09	HZ	62.3	EP			16:16	42.06			0.09
KESW	HZ	64.2	EP			16:16	42.70			0.48
KESW	HE	64.2	ES			16:16	50.09			-0.09
KESW	HN	64.2	IAML			16:16	50.97	4	0.11	
KESW	HE	64.2	IAML			16:16	51.72	8	0.40	
IOMK	HZ	84.7	EP			16:16	45.39			0.03
IOMK	HN	84.7	ES			16:16	55.16			-0.45
IOMK	HN	84.7	IAML			16:16	55.94	5	0.13	
IOMK	HE	84.7	IAML			16:16	56.22	3	0.12	
AS07	HZ	94.6	EP			16:16	47.00			0.12
WLF1	HZ	108.0	EP			16:16	48.38			-0.37
WLF1	HN	108.0	ES			16:17	01.98			0.51
WLF1	HN	108.0	IAML			16:17	02.93	2	0.13	
WLF1	HE	108.0	IAML			16:17	03.22	2	0.10	
EDMD	HN	126.0	ES			16:17	05.84			-0.08
EDMD	HE	126.0	IAML			16:17	06.65	8	0.42	
EDMD	HN	126.0	IAML			16:17	07.19	8	0.27	
FOEL	HE	127.0	ES			16:17	05.81			-0.45

TABLE 2 : PHASE DATA

FOEL	HE	127.0	IAML		16:17	06.78	2	0.25		
FOEL	HN	127.0	IAML		16:17	08.21	4	0.29		

September 17 2022 Time: 17:44 27.1 UTC Magnitude: 2.2 ML
Lat: 60.031 Lon: 1.280 Depth: 10.0 km
Grid Ref: 582.71 kmE 1131.83 kmN RMS: 0.30 secs
Locality: NORTHERN NORTH SEA
Velocity model: North Sea Xnear: 500.0 Xfar: 1000.0
Comment: 135KM EAST LERWICK

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LRW	HZ	137.0	EP			17:44	48.86			0.15
LRW	HE	137.0	IAML			17:45	06.91	55	0.36	
LRW	HN	137.0	IAML			17:45	08.15	28	0.18	
SUE	HZ	223.0	EP			17:44	59.02			-0.28
SUE	HN	223.0	ES			17:45	22.51			-0.26
SUE	HN	223.0	IAML			17:45	23.91	21	0.40	
SUE	HE	223.0	IAML			17:45	25.13	34	0.26	
BER	HN	228.0	ES			17:45	23.83			-0.17
BER	HN	228.0	IAML			17:45	24.85	4	0.20	
BER	HE	228.0	IAML			17:45	25.92	3	0.24	
KMY	HZ	242.0	EP			17:45	01.51			-0.21
KMY	HN	242.0	ES			17:45	27.22			0.27
KMY	HE	242.0	IAML			17:45	28.70	13	0.22	
KMY	HN	242.0	IAML			17:45	40.80	12	0.22	
FOO	HZ	269.0	EP			17:45	04.83			-0.23
FOO	HN	269.0	IAML			17:45	34.39	6	0.18	
FOO	HE	269.0	IAML			17:45	34.46	8	0.20	
BIGH	HN	342.0	IAML			17:46	05.97	13	0.34	
BIGH	HE	342.0	IAML			17:46	06.02	9	0.46	
SNART	HZ	388.0	EP			17:45	19.99			0.17
SNART	HN	388.0	IAML			17:46	15.88	5	0.44	
SNART	HE	388.0	IAML			17:46	16.00	3	0.34	
TARL	HZ	400.0	EP			17:45	21.12			-0.31
TARL	HN	400.0	IAML			17:46	05.15	26	0.24	
TARL	HE	400.0	IAML			17:46	05.19	24	0.10	
DRUM	HZ	411.0	EP			17:45	22.96			0.25
DRUM	HN	411.0	IAML			17:46	10.21	12	0.34	
DRUM	HE	411.0	IAML			17:46	27.45	11	0.30	
MOL	HE	439.0	ES			17:46	09.90			0.62
MOL	HE	439.0	IAML			17:46	12.12	1	0.31	
MOL	HN	439.0	IAML			17:46	16.16	0	0.20	

September 18 2022 Time: 08:24 50.6 UTC Magnitude: 1.5 ML
Lat: 52.951 Lon: -4.076 Depth: 7.0 km
Grid Ref: 260.54 kmE 341.34 kmN RMS: 0.40 secs
Locality: PORTHMADOG,GWYNEDD
Velocity model: Lownet Xnear: 200.0 Xfar: 500.0
Comment: FELT CYM-Y-GLO... Intensity: 3

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LLW	BZ	29.9	IP		D	08:24	56.00			-0.14
LLW	BN	29.9	ES			08:24	59.57			-0.61
LLW	BN	29.9	IAML			08:24	59.96	47	0.26	
LLW	BE	29.9	IAML			08:25	00.99	50	0.25	
WLF1	HZ	43.4	IP		D	08:24	58.19			-0.02
WLF1	HE	43.4	ES			08:25	03.46			-0.31
WLF1	HN	43.4	IAML			08:25	03.59	19	0.12	
WLF1	HE	43.4	IAML			08:25	03.62	27	0.10	
WPS	HZ	57.5	IP		D	08:25	00.46			0.07
WPS	HN	57.5	ES			08:25	07.24			-0.30
WPS	HE	57.5	IAML			08:25	07.47	28	0.20	
WPS	HN	57.5	IAML			08:25	07.52	14	0.12	
FOEL	HZ	59.3	EP			08:25	00.84			0.08
FOEL	HN	59.3	IAML			08:25	08.53	42	0.30	
FOEL	HE	59.3	IAML			08:25	08.64	50	0.40	
HLM1	HZ	94.0	EP			08:25	06.29			0.16
HLM1	HN	94.0	IAML			08:25	21.71	13	0.14	
HLM1	HE	94.0	IAML			08:25	22.21	8	0.10	
RSBS	HZ	120.0	EP			08:25	09.32			-0.81
RSBS	HN	120.0	IAML			08:25	27.02	16	0.14	
RSBS	HE	120.0	IAML			08:25	27.16	17	0.09	
MCH1	HZ	129.0	EP			08:25	11.48			0.03
MCH1	HN	129.0	IAML			08:25	29.00	12	0.20	
MCH1	HE	129.0	IAML			08:25	29.37	12	0.14	
IOMK	HZ	149.0	EP			08:25	14.62			0.26
IOMK	HE	149.0	IAML			08:25	33.45	11	0.20	
IOMK	HN	149.0	IAML			08:25	33.58	12	0.34	
MONM	HZ	151.0	EP			08:25	15.08			0.50
MONM	HE	151.0	IAML			08:25	34.27	17	0.20	
MONM	HN	151.0	IAML			08:25	35.11	16	0.26	
DSB	HZ	158.0	EP			08:25	15.81			0.32
CWF	HZ	188.0	EP			08:25	19.98			0.46
CWF	HE	188.0	IAML			08:25	42.90	5	0.10	
CWF	HN	188.0	IAML			08:25	43.04	13	0.26	
IWEX	HZ	194.0	EP			08:25	20.53			0.32
IWEX	HE	194.0	IAML			08:25	43.97	5	0.22	
IWEX	HN	194.0	IAML			08:25	44.80	4	0.18	

September 19 2022 Time: 17:31 12.0 UTC Magnitude: 1.8 ML
Lat: 59.476 Lon: 2.178 Depth: 10.0 km
Grid Ref: 636.59 kmE 1072.93 kmN RMS: 0.40 secs
Locality: NORTHERN NORTH SEA
Velocity model: North Sea Xnear: 500.0 Xfar: 1000.0
Comment: 200KM ESE LERWICK

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KMY	HZ	177.0	EP			17:31	38.86			0.31
KMY	HE	177.0	IAML			17:32	03.41	16	0.16	
KMY	HN	177.0	IAML			17:32	04.85	18	0.28	
LRW	HZ	202.0	EP			17:31	42.18			0.52
LRW	HE	202.0	IAML			17:32	14.13	2	0.28	
LRW	HN	202.0	IAML			17:32	16.22	3	0.18	
BER	HE	203.0	IAML			17:32	11.27	4	0.24	
BER	HN	203.0	IAML			17:32	11.42	6	0.20	
SUE	HZ	227.0	EP			17:31	45.08			0.36
SUE	HN	227.0	IAML			17:32	20.74	4	0.24	
SUE	HE	227.0	IAML			17:32	30.42	6	0.84	
FOO	HN	284.0	ES			17:32	20.25			-0.57
FOO	HE	284.0	IAML			17:32	21.85	2	0.10	
FOO	HN	284.0	IAML			17:32	23.34	1	0.19	
SNART	HN	316.0	IAML			17:32	43.79	7	0.26	
SNART	HE	316.0	IAML			17:32	45.64	7	0.20	
BIGH	HZ	367.0	EP			17:32	02.14			0.05
BIGH	HE	367.0	IAML			17:32	38.40	2	0.23	
BIGH	HN	367.0	IAML			17:32	41.39	3	0.44	
MCD	HZ	380.0	EP			17:32	03.64			-0.15
TARL	HZ	392.0	EP			17:32	04.90			-0.41
TARL	HE	392.0	IAML			17:32	43.42	7	0.10	
TARL	HN	392.0	IAML			17:32	44.00	8	0.12	
DRUM	HZ	396.0	EP			17:32	05.61			-0.11
DRUM	HN	396.0	IAML			17:32	45.58	4	0.37	
DRUM	HE	396.0	IAML			17:32	46.89	4	0.31	

September 22 2022 Time: 00:36 28.2 UTC Magnitude: 0.9 ML
Lat: 54.085 Lon: -2.046 Depth: 13.8 km
Grid Ref: 396.99 kmE 465.48 kmN RMS: 0.20 secs
Locality: GRASSINGTON,N YORKSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 3KM WSW GRASSINGTON

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AR05	HZ	10.6	EP			00:36	31.36			0.04
AR05	HN	10.6	ES			00:36	34.02			0.42
AR05	HE	10.6	IAML			00:36	34.22	12	0.24	
AR05	HN	10.6	IAML			00:36	34.35	18	0.14	
AS07	HZ	20.0	EP			00:36	32.42			-0.08
AS07	HE	20.0	ES			00:36	35.56			-0.09
AS07	HE	20.0	IAML			00:36	35.67	54	0.08	
AS07	HN	20.0	IAML			00:36	35.82	16	0.21	
AR07	HZ	28.8	EP			00:36	33.79			0.08
AR07	HN	28.8	IAML			00:36	38.72	10	0.28	
AR07	HE	28.8	IAML			00:36	40.11	8	0.24	
AR09	HZ	30.2	EP			00:36	33.95			-0.01
AR09	HN	30.2	ES			00:36	38.22			0.04
HPK	HZ	31.0	EP			00:36	33.85			-0.20
HPK	HN	31.0	ES			00:36	38.01			-0.31
HPK	HE	31.0	IAML			00:36	38.39	24	0.24	
HPK	HN	31.0	IAML			00:36	38.44	37	0.20	
AR01	HE	46.9	ES			00:36	42.34			-0.12
AR01	HN	46.9	IAML			00:36	43.20	12	0.14	
AR01	HE	46.9	IAML			00:36	43.76	14	0.14	
AQ10	HZ	54.6	EP			00:36	37.73			0.16
AS02	HZ	59.2	EP			00:36	38.23			-0.10
AS02	HN	59.2	ES			00:36	45.39			-0.34
AS02	HN	59.2	IAML			00:36	45.80	16	0.20	
AS02	HE	59.2	IAML			00:36	45.86	15	0.24	
AQ12	HZ	60.4	EP			00:36	38.48			-0.06
AQ12	HN	60.4	ES			00:36	45.67			-0.42
AQ12	HN	60.4	IAML			00:36	45.86	3	0.07	
AQ12	HE	60.4	IAML			00:36	46.33	5	0.06	
LBWR	HZ	78.9	EP			00:36	41.45			0.06
LBWR	HN	78.9	ES			00:36	51.06			0.04
LBWR	HN	78.9	IAML			00:36	53.19	4	0.10	
LBWR	HE	78.9	IAML			00:36	53.36	4	0.11	
EDMD	HZ	83.2	EP			00:36	42.18			0.20
EDMD	HN	83.2	ES			00:36	51.86			-0.19
EDMD	HN	83.2	IAML			00:36	52.18	6	0.14	
EDMD	HE	83.2	IAML			00:36	52.86	6	0.10	
KESW	HZ	88.8	EP			00:36	43.26			0.37
AU18	HZ	89.2	EP			00:36	43.43			0.52

September 23 2022 Time: 12:29 09.1 UTC Magnitude: 0.3 ML
Lat: 54.313 Lon: -3.211 Depth: 7.2 km
Grid Ref: 321.23 kmE 491.52 kmN RMS: 0.30 secs
Locality: ULPHA,CUMBRIA
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AP12	HZ	3.6	IP		D	12:29	10.72			0.02
AP12	HN	3.6	ES			12:29	11.76			-0.14
AP12	HN	3.6	IAML			12:29	11.86	20	0.10	
AP12	HE	3.6	IAML			12:29	11.90	32	0.11	
KESW	HZ	31.4	EP			12:29	14.92			0.08
KESW	HE	31.4	ES			12:29	18.84			-0.22
KESW	HN	31.4	IAML			12:29	19.02	2	0.10	
KESW	HE	31.4	IAML			12:29	19.11	4	0.30	
AQ12	HZ	32.9	IP		C	12:29	14.94			-0.14
AQ12	HN	32.9	ES			12:29	19.22			-0.27
AQ12	HN	32.9	IAML			12:29	20.09	6	0.08	
AQ12	HE	32.9	IAML			12:29	20.53	4	0.07	
AR07	HZ	60.5	EP			12:29	19.63			0.29
IOMK	HZ	88.4	EP			12:29	23.89			0.23

TABLE 2 : PHASE DATA

IOMK	HN	88.4	ES		12:29	33.70			-0.62
IOMK	HE	88.4	IAML		12:29	34.44	1	0.06	
IOMK	HN	88.4	IAML		12:29	34.96	2	0.09	
ESK	HN	112.0	ES		12:29	40.79			0.21
ESK	HE	112.0	IAML		12:29	41.43	1	0.23	
ESK	HN	112.0	IAML		12:29	41.74	1	0.16	
GAL1	HZ	115.0	EP		12:29	28.46			0.72
GAL1	HE	115.0	ES		12:29	41.54			0.15
GAL1	HE	115.0	IAML		12:29	41.91	0	0.11	
GAL1	HN	115.0	IAML		12:29	42.12	1	0.31	

September 24 2022 Time: 00:26 45.0 UTC Magnitude: 0.4 ML
Lat: 56.619 Lon: -5.561 Depth: 6.9 km
Grid Ref: 181.55 kmE 753.12 kmN RMS: 0.40 secs
Locality: STRONTIAN,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 8KM SOUTH STRONTIAN

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LAWE	HZ	41.2	EP			00:26	51.91			-0.37
LAWE	HN	41.2	ES			00:26	57.52			-0.09
LAWE	HN	41.2	IAML			00:26	57.66	2	0.18	
LAWE	HE	41.2	IAML			00:26	58.55	2	0.26	
KPL	HZ	80.3	EP			00:26	58.32			0.00
KPL	HN	80.3	ES			00:27	08.40			0.34
KPL	HN	80.3	IAML			00:27	09.97	2	0.30	
KPL	HE	80.3	IAML			00:27	10.41	2	0.24	
GVIE	HZ	81.3	EP			00:26	57.83			-0.76
GVIE	HN	81.3	ES			00:27	08.28			-0.25
GVIE	HE	81.3	IAML			00:27	11.66	2	0.42	
GVIE	HN	81.3	IAML			00:27	11.73	2	0.61	
EAB	HZ	89.5	EP			00:27	00.07			0.28
EAB	HE	89.5	IAML			00:27	14.95	1	0.07	
EAB	HN	89.5	IAML			00:27	15.01	2	0.26	
INVG	HZ	95.8	EP			00:27	01.56			0.79
INVG	HE	95.8	IAML			00:27	15.67	1	0.10	
INVG	HN	95.8	IAML			00:27	15.99	2	0.20	
PITL	HZ	122.0	EP			00:27	04.98			0.09
PITL	HE	122.0	IAML			00:27	22.48	1	0.12	
PITL	HN	122.0	IAML			00:27	22.49	1	0.10	

September 25 2022 Time: 00:58 59.8 UTC Magnitude: 0.8 ML
Lat: 51.063 Lon: -2.941 Depth: 15.1 km
Grid Ref: 334.07 kmE 129.78 kmN RMS: 0.20 secs
Locality: EAST LYNG,SOMERSET
Velocity model: Lownet Xnear: 120.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
OLDB	HZ	71.8	EP			00:59	11.61			-0.25
MONM	HN	86.9	ES			00:59	24.43			-0.17
MONM	HN	86.9	IAML			00:59	24.61	5	0.28	
MONM	HE	86.9	IAML			00:59	24.68	4	0.18	
SWN1	HZ	94.0	EP			00:59	15.35			0.18
STRD	HZ	96.0	EP			00:59	15.36			-0.10
DYA	HZ	98.8	EP			00:59	16.06			0.19
DYA	HN	98.8	ES			00:59	27.23			-0.36
DYA	HE	98.8	IAML			00:59	29.89	2	0.10	
DYA	HN	98.8	IAML			00:59	30.00	2	0.12	
MCH1	HZ	104.0	EP			00:59	16.75			0.14
MCH1	HN	104.0	ES			00:59	28.88			0.01
MCH1	HN	104.0	IAML			00:59	29.10	6	0.28	
MCH1	HE	104.0	IAML			00:59	29.48	4	0.12	
HTL	HZ	109.0	EP			00:59	17.50			0.27
HTL	HN	109.0	IAML			00:59	33.15	3	0.29	
HTL	HE	109.0	IAML			00:59	33.32	2	0.21	
HLM1	HZ	162.0	EP			00:59	25.12			0.35
HLM1	HE	162.0	IAML			00:59	45.07	2	0.29	
HLM1	HN	162.0	IAML			00:59	45.31	2	0.32	

September 25 2022 Time: 08:40 33.3 UTC Magnitude: 0.5 ML
Lat: 54.320 Lon: -3.189 Depth: 4.3 km
Grid Ref: 322.67 kmE 492.27 kmN RMS: 0.20 secs
Locality: ULPHA,CUMBRIA
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AP12	HZ	5.2	IP		D	08:40	34.82			0.08
AP12	HN	5.2	ES			08:40	35.86			0.05
AP12	HN	5.2	IAML			08:40	35.92	22	0.10	
AP12	HE	5.2	IAML			08:40	35.95	24	0.10	
KESW	HZ	30.4	EP			08:40	38.98			0.02
KESW	HE	30.4	ES			08:40	42.94			-0.16
KESW	HN	30.4	IAML			08:40	43.10	2	0.06	
KESW	HE	30.4	IAML			08:40	43.33	4	0.25	
AQ12	HZ	31.2	EP			08:40	39.04			-0.07
AQ12	HN	31.2	ES			08:40	43.42			0.04
AQ12	HN	31.2	IAML			08:40	44.16	5	0.09	
AQ12	HE	31.2	IAML			08:40	44.37	4	0.06	
AR09	HZ	49.8	EP			08:40	42.16			0.00
AR09	HN	49.8	ES			08:40	48.29			-0.36
AR09	HN	49.8	IAML			08:40	49.67	15	0.17	
AR09	HE	49.8	IAML			08:40	49.85	12	0.08	
AR07	HZ	59.8	EP			08:40	43.57			-0.08
AR07	HN	59.8	ES			08:40	51.47			0.24
AR07	HE	59.8	IAML			08:40	51.60	3	0.17	
AR07	HN	59.8	IAML			08:40	52.03	5	0.13	
AS07	HN	81.8	ES			08:40	57.40			0.21
AS07	HN	81.8	IAML			08:41	00.70	4	0.28	
AS07	HE	81.8	IAML			08:41	00.71	3	0.20	
IOMK	HZ	89.9	EP			08:40	47.92			-0.40
ESK	HN	111.0	ES			08:41	05.07			0.10
ESK	HN	111.0	IAML			08:41	05.76	1	0.22	
ESK	HE	111.0	IAML			08:41	06.85	1	0.27	
NEWG	HZ	111.0	EP			08:40	51.99			0.37
NEWG	HE	111.0	IAML			08:41	06.49	1	0.30	
NEWG	HN	111.0	IAML			08:41	06.67	1	0.14	
GAL1	HZ	116.0	EP			08:40	52.37			0.07

September 25 2022 Time: 08:41 04.2 UTC Magnitude: 0.3 ML
Lat: 54.316 Lon: -3.239 Depth: 7.9 km
Grid Ref: 319.41 kmE 491.88 kmN RMS: 0.20 secs
Locality: ULPHA,CUMBRIA
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AP12	HZ	1.9	EP			08:41	05.96			0.09
AP12	HN	1.9	ES			08:41	07.01			-0.05
AP12	HN	1.9	IAML			08:41	07.07	4	0.10	
AP12	HE	1.9	IAML			08:41	07.11	6	0.10	
KESW	HZ	31.6	EP			08:41	10.21			0.19
KESW	HE	31.6	ES			08:41	14.14			-0.11
AQ12	HZ	34.4	EP			08:41	10.20			-0.28
AQ12	HN	34.4	ES			08:41	15.20			0.16
AQ12	HN	34.4	IAML			08:41	15.36	1	0.09	
AQ12	HE	34.4	IAML			08:41	15.79	1	0.08	

September 26 2022 Time: 07:39 05.2 UTC Magnitude: 1.8 ML
Lat: 52.108 Lon: -0.886 Depth: 12.7 km
Grid Ref: 476.28 kmE 246.15 kmN RMS: 0.20 secs
Locality: POTTERSPURY,NORTHANTS
Velocity model: Lownet Xnear: 150.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
CWF	HZ	75.8	EP			07:39	17.82			-0.04
CWF	HN	75.8	ES			07:39	27.32			0.22
CWF	HN	75.8	IAML			07:39	28.00	18	0.07	
CWF	HE	75.8	IAML			07:39	28.01	30	0.11	
SWN1	HZ	91.4	EP			07:39	20.30			0.02
SWN1	HN	91.4	IAML			07:39	34.25	28	0.25	
SWN1	HE	91.4	IAML			07:39	35.05	18	0.13	
STRD	HZ	95.2	EP			07:39	20.75			-0.13
STRD	HE	95.2	ES			07:39	32.55			0.23
WACR	HZ	124.0	EP			07:39	24.93			0.01
WACR	HN	124.0	IAML			07:39	40.28	25	0.51	
WACR	HE	124.0	IAML			07:39	41.44	21	0.13	
OLDB	HZ	125.0	EP			07:39	24.81			-0.27
ELMS	HZ	129.0	EP			07:39	25.33			-0.28
ELMS	HN	129.0	ES			07:39	40.83			0.33
ELMS	HE	129.0	IAML			07:39	41.57	22	0.16	
ELMS	HN	129.0	IAML			07:39	43.50	30	0.22	
MONM	HZ	135.0	EP			07:39	26.64			0.07
MONM	HN	135.0	ES			07:39	42.60			0.43
MONM	HN	135.0	IAML			07:39	43.16	22	0.18	
MONM	HE	135.0	IAML			07:39	43.20	32	0.29	
HLM1	HZ	143.0	EP			07:39	27.58			-0.24
HLM1	HN	143.0	ES			07:39	44.18			-0.15
HLM1	HE	143.0	IAML			07:39	45.34	12	0.14	
HLM1	HN	143.0	IAML			07:39	45.40	15	0.27	
MCH1	HZ	145.0	EP			07:39	27.89			-0.16
MCH1	HN	145.0	ES			07:39	44.70			-0.03
MCH1	HN	145.0	IAML			07:39	45.39	25	0.48	
MCH1	HE	145.0	IAML			07:39	45.92	22	0.13	

September 27 2022 Time: 01:31 49.9 UTC Magnitude: 0.6 ML
Lat: 57.695 Lon: -5.707 Depth: 6.7 km
Grid Ref: 179.11 kmE 873.26 kmN RMS: 0.30 secs
Locality: BADACHRO,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	39.8	EP			01:31	57.24			0.29
KPL	HN	39.8	ES			01:32	01.82			-0.29
KPL	HN	39.8	IAML			01:32	01.96	2	0.16	
KPL	HE	39.8	IAML			01:32	02.32	4	0.26	
LINV	HZ	58.7	EP			01:32	00.08			0.20
LINV	HN	58.7	ES			01:32	06.76			-0.42
LINV	HN	58.7	IAML			01:32	10.63	4	0.30	
LINV	HE	58.7	IAML			01:32	11.64	3	0.13	
GVIE	HZ	95.6	EP			01:32	05.77			0.04
GVIE	HN	95.6	IAML			01:32	19.81	2	0.12	
GVIE	HE	95.6	IAML			01:32	20.01	3	0.28	
MCD	HZ	147.0	EP			01:32	13.58			0.22
LAWE	HZ	161.0	EP			01:32	16.11			0.80
LAWE	HE	161.0	IAML			01:32	37.64	3	0.37	
LAWE	HN	161.0	IAML			01:32	38.02	2	0.19	

September 27 2022 Time: 01:34 11.6 UTC Magnitude: 1.0 ML
Lat: 57.696 Lon: -5.692 Depth: 7.6 km
Grid Ref: 180.01 kmE 873.32 kmN RMS: 0.30 secs
Locality: BADACHRO,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	39.9	EP			01:34	18.72			0.13
KPL	HN	39.9	ES			01:34	23.29			-0.42

TABLE 2 : PHASE DATA

KPL	HN	39.9	IAML		01:34	23.36	6	0.16	
KPL	HE	39.9	IAML		01:34	23.80	10	0.26	
LINV	HZ	58.1	EP		01:34	21.62			0.19
LINV	HN	58.1	ES		01:34	28.25			-0.37
LINV	HE	58.1	IAML		01:34	28.69	5	0.20	
LINV	HN	58.1	IAML		01:34	28.79	4	0.13	
GVIE	HZ	95.0	EP		01:34	27.57			0.30
GVIE	HN	95.0	ES		01:34	38.58			-0.15
GVIE	HN	95.0	IAML		01:34	41.04	4	0.19	
GVIE	HE	95.0	IAML		01:34	41.49	5	0.13	
MCD	HZ	146.0	EP		01:34	35.13			0.29
MCD	HN	146.0	ES		01:34	52.13			0.30
MCD	HN	146.0	IAML		01:34	54.64	8	0.42	
MCD	HE	146.0	IAML		01:34	54.71	8	0.55	
LAWE	HN	161.0	EP		01:34	37.55			0.62
LAWE	HE	161.0	IAML		01:34	59.37	7	0.31	
LAWE	HN	161.0	IAML		01:34	59.41	6	0.24	
INVG	HZ	173.0	EP		01:34	39.35			0.78
INVG	HN	173.0	IAML		01:35	01.37	2	0.34	
INVG	HE	173.0	IAML		01:35	01.71	1	0.20	

September 27 2022 Time: 02:00 56.5 UTC Magnitude: 0.8 ML
Lat: 57.701 Lon: -5.726 Depth: 7.6 km
Grid Ref: 178.02 kmE 873.99 kmN RMS: 0.40 secs
Locality: BADACHRO,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	40.5	EP			02:01	03.75			0.15
KPL	HN	40.5	ES			02:01	08.34			-0.47
KPL	HN	40.5	IAML			02:01	08.44	2	0.13	
KPL	HE	40.5	IAML			02:01	08.84	5	0.29	
LINV	HZ	58.7	EP			02:01	06.64			0.21
LINV	HN	58.7	ES			02:01	13.32			-0.37
LINV	HE	58.7	IAML			02:01	13.74	4	0.20	
LINV	HN	58.7	IAML			02:01	13.94	3	0.18	
GVIE	HZ	96.9	EP			02:01	12.74			0.28
GVIE	HN	96.9	IAML			02:01	35.00	4	0.10	
GVIE	HE	96.9	IAML			02:01	35.28	6	0.32	
MCD	HZ	148.0	EP			02:01	20.38			0.34
LAWE	HZ	162.0	EP			02:01	22.70			0.76
LAWE	HE	162.0	IAML			02:01	44.38	4	0.28	
LAWE	HN	162.0	IAML			02:01	44.43	3	0.23	

September 27 2022 Time: 02:39 08.1 UTC Magnitude: 1.2 ML
Lat: 52.627 Lon: -2.864 Depth: 9.3 km
Grid Ref: 341.52 kmE 303.64 kmN RMS: 0.30 secs
Locality: HABBERLEY,SHROPSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
HLM1	HZ	12.1	IP		D	02:39	11.19			0.15
HLM1	HN	12.1	ES			02:39	13.31			0.15
HLM1	HN	12.1	IAML			02:39	13.51	91	0.06	
HLM1	HE	12.1	IAML			02:39	13.58	73	0.11	
FOEL	HZ	37.0	EP			02:39	14.69			-0.12
FOEL	HN	37.0	ES			02:39	19.40			-0.29
FOEL	HN	37.0	IAML			02:39	19.60	13	0.13	
FOEL	HE	37.0	IAML			02:39	19.70	13	0.26	
STNC	HZ	68.1	EP			02:39	19.81			0.23
STNC	HN	68.1	ES			02:39	28.07			0.14
STNC	HN	68.1	IAML			02:39	28.69	35	0.22	
STNC	HE	68.1	IAML			02:39	29.02	27	0.24	
MCH1	HZ	70.6	EP			02:39	19.87			-0.10
MCH1	HN	70.6	ES			02:39	28.09			-0.52
MCH1	HN	70.6	IAML			02:39	28.48	11	0.20	
MCH1	HE	70.6	IAML			02:39	28.54	14	0.13	
MONM	HZ	87.7	EP			02:39	22.85			0.25
MONM	HN	87.7	ES			02:39	33.15			-0.02
MONM	HE	87.7	IAML			02:39	33.57	13	0.20	
MONM	HN	87.7	IAML			02:39	33.59	10	0.18	
CWF	HZ	106.0	EP			02:39	25.61			0.17
CWF	HN	106.0	ES			02:39	37.20			-0.88
STRD	HZ	106.0	EP			02:39	25.97			0.50
CWF	HN	106.0	IAML			02:39	40.07	7	0.11	
CWF	HE	106.0	IAML			02:39	40.32	5	0.09	
LBWR	HZ	115.0	EP			02:39	27.18			0.28
LBWR	HE	115.0	IAML			02:39	43.55	10	0.25	
LBWR	HN	115.0	IAML			02:39	44.47	9	0.35	
AS02	HZ	119.0	EP			02:39	27.60			0.20
AS02	HN	119.0	IAML			02:39	42.62	13	0.28	
AS02	HE	119.0	IAML			02:39	43.53	10	0.24	
WLF1	HZ	127.0	EP			02:39	28.49			0.01
WLF1	HN	127.0	IAML			02:39	45.65	4	0.14	
WLF1	HE	127.0	IAML			02:39	45.75	4	0.10	
RSBS	HZ	149.0	EP			02:39	31.58			-0.08
RSBS	HE	149.0	IAML			02:39	51.48	5	0.10	
RSBS	HN	149.0	IAML			02:39	52.83	4	0.16	

September 27 2022 Time: 20:33 37.4 UTC Magnitude: 1.3 ML
Lat: 57.692 Lon: -5.722 Depth: 7.7 km
Grid Ref: 178.20 kmE 872.97 kmN RMS: 0.50 secs
Locality: BADACHRO,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	39.5	EP			20:33	44.63			0.23
KPL	HN	39.5	ES			20:33	48.77			-0.72
KPL	HN	39.5	IAML			20:33	49.35	8	0.18	
KPL	HE	39.5	IAML			20:33	49.73	14	0.28	
LINV	HZ	59.4	EP			20:33	47.58			0.09
LINV	HN	59.4	ES			20:33	54.19			-0.65
LINV	HE	59.4	IAML			20:33	54.68	17	0.35	
LINV	HN	59.4	IAML			20:33	54.95	11	0.14	
GVIE	HZ	96.0	EP			20:33	53.69			0.41
GVIE	HN	96.0	IAML			20:34	25.15	10	0.18	
GVIE	HE	96.0	IAML			20:34	25.51	8	0.33	
BIGH	HZ	139.0	EP			20:34	00.41			0.76
BIGH	HE	139.0	ES			20:34	16.18			0.30
BIGH	HE	139.0	IAML			20:34	17.81	10	0.19	
BIGH	HN	139.0	IAML			20:34	19.62	12	0.13	
MCD	HZ	148.0	EP			20:34	01.81			0.87
MCD	HE	148.0	ES			20:34	17.50			-0.61
MCD	HE	148.0	IAML			20:34	20.28	8	0.14	
MCD	HN	148.0	IAML			20:34	20.40	9	0.21	
LAWE	HZ	161.0	EP			20:34	03.25			0.51
LAWE	HN	161.0	ES			20:34	21.60			0.38
LAWE	HN	161.0	IAML			20:34	25.34	8	0.34	
LAWE	HE	161.0	IAML			20:34	25.45	11	0.31	
PITL	HZ	161.0	EP			20:34	03.26			0.44
PITL	HE	161.0	IAML			20:34	23.96	3	0.18	
PITL	HN	161.0	IAML			20:34	24.68	3	0.28	
INVG	HZ	174.0	EP			20:34	04.41			-0.10
INVG	HN	174.0	IAML			20:34	30.01	2	0.27	
INVG	HE	174.0	IAML			20:34	30.44	2	0.32	

September 28 2022 Time: 09:28 41.3 UTC Magnitude: 1.1 ML
Lat: 57.697 Lon: -5.712 Depth: 7.1 km
Grid Ref: 178.82 kmE 873.50 kmN RMS: 0.50 secs
Locality: BADACHRO,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	40.0	EP			09:28	48.55			0.18
KPL	HN	40.0	ES			09:28	52.88			-0.65
KPL	HN	40.0	IAML			09:28	53.17	5	0.18	
KPL	HE	40.0	IAML			09:28	53.61	10	0.30	
LINV	HZ	58.7	EP			09:28	51.48			0.21
LINV	HN	58.7	ES			09:28	58.06			-0.50
LINV	HN	58.7	IAML			09:28	58.64	6	0.12	
LINV	HE	58.7	IAML			09:28	58.82	10	0.10	
GVIE	HZ	95.9	EP			09:28	57.54			0.37
GVIE	HE	95.9	IAML			09:29	11.31	6	0.13	
GVIE	HN	95.9	IAML			09:29	13.36	4	0.18	
BIGH	HZ	138.0	EP			09:29	03.92			0.46
BIGH	HN	138.0	IAML			09:29	21.79	10	0.15	
BIGH	HE	138.0	IAML			09:29	21.86	6	0.11	
LAWE	HZ	161.0	EP			09:29	07.27			0.55
LAWE	HN	161.0	ES			09:29	25.84			0.55
LAWE	HE	161.0	IAML			09:29	28.93	7	0.20	
LAWE	HN	161.0	IAML			09:29	28.97	6	0.28	
INVG	HZ	174.0	EP			09:29	09.26			0.81
INVG	HE	174.0	IAML			09:29	34.31	2	0.52	
INVG	HN	174.0	IAML			09:29	35.56	1	0.48	

September 30 2022 Time: 14:53 16.1 UTC Magnitude: 1.8 ML
Lat: 55.183 Lon: -3.649 Depth: 11.8 km
Grid Ref: 295.01 kmE 588.88 kmN RMS: 0.30 secs
Locality: AULDGIRTH,D & G
Velocity model: Lownet Xnear: 150.0 Xfar: 300.0
Comment: 4KM NE AULDGIRTH

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
ESK	HZ	31.9	IP		C	14:53	22.02			0.05
ESK	HN	31.9	ES			14:53	25.90			-0.38
ESK	HE	31.9	IAML			14:53	26.43	97	0.10	
ESK	HN	31.9	IAML			14:53	26.47	112	0.22	
EKA	BZ	35.4	IP		C	14:53	22.48			-0.03
NEWG	HZ	37.7	IP		C	14:53	23.02			0.18
NEWG	HN	37.7	ES			14:53	27.53			-0.25
NEWG	HE	37.7	IAML			14:53	28.09	67	0.10	
NEWG	HN	37.7	IAML			14:53	28.20	112	0.12	
KESW	HZ	74.8	EP			14:53	28.95			0.38
KESW	HE	74.8	IAML			14:53	39.66	16	0.22	
KESW	HN	74.8	IAML			14:53	39.83	22	0.18	
GAL1	HZ	76.5	EP			14:53	28.76			-0.05
GAL1	HN	76.5	ES			14:53	37.69			-0.42
GAL1	HE	76.5	IAML			14:53	38.09	28	0.18	
GAL1	HN	76.5	IAML			14:53	39.86	54	0.20	
EDI	HZ	87.4	EP			14:53	30.71			0.21
EDI	HN	87.4	IAML			14:53	41.42	46	0.17	
EDI	HE	87.4	IAML			14:53	43.37	68	0.28	
PGB1	HZ	87.6	EP			14:53	30.80			0.26
PGB1	HE	87.6	ES			14:53	41.34			0.22
PGB1	HE	87.6	IAML			14:53	42.82	101	0.30	
PGB1	HN	87.6	IAML			14:53	42.99	146	0.31	
AQ12	HZ	101.0	EP			14:53	33.08			0.41
AQ12	HE	101.0	IAML			14:53	45.23	27	0.22	
AQ12	HN	101.0	IAML			14:53	45.37	36	0.33	
ESY	HZ	105.0	EP			14:53	33.22			0.05
ESY	HN	105.0	ES			14:53	45.45			-0.20
ESY	HE	105.0	IAML			14:53	46.92	76	0.30	
ESY	HN	105.0	IAML			14:53	47.39	70	0.24	

TABLE 2 : PHASE DATA

EDMD	HZ	115.0	EP		14:53	34.33			-0.21	
EDMD	HN	115.0	IAML		14:53	49.21	64	0.30		
EDMD	HE	115.0	IAML		14:53	49.22	88	0.28		
IOMK	HZ	118.0	EP		14:53	34.87			-0.23	
IOMK	HE	118.0	IAML		14:53	50.06	14	0.12		
IOMK	HN	118.0	IAML		14:53	50.88	16	0.11		
EAB	HZ	120.0	EP		14:53	35.15			-0.20	
EAB	HN	120.0	IAML		14:53	50.30	12	0.21		
EAB	HE	120.0	IAML		14:53	51.43	10	0.20		
INVG	HZ	141.0	EP		14:53	37.86			-0.45	
LAWE	HZ	163.0	EP		14:53	42.16			0.81	
LAWE	HE	163.0	IAML		14:54	00.47	10	0.22		
LAWE	HN	163.0	IAML		14:54	01.57	7	0.22		

October 2 2022 Time: 00:55 18.1 UTC Magnitude: 0.7 ML
Lat: 56.951 Lon: -5.386 Depth: 7.9 km
Grid Ref: 194.11 kmE 789.50 kmN RMS: 0.30 secs
Locality: KINLOCHARKAIG,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	46.1	EP			00:55	26.27			0.16
KPL	HE	46.1	ES			00:55	31.60			-0.34
KPL	HE	46.1	IAML			00:55	31.81	5	0.15	
KPL	HN	46.1	IAML			00:55	34.37	2	0.16	
LAWE	HZ	77.0	EP			00:55	31.03			0.12
LAWE	HN	77.0	ES			00:55	39.92			-0.33
LAWE	HE	77.0	IAML			00:55	43.84	4	0.13	
LAWE	HN	77.0	IAML			00:55	43.96	2	0.17	
INVG	HZ	101.0	IP		D	00:55	34.65			0.02
INVG	HE	101.0	ES			00:55	46.06			-0.63
INVG	HE	101.0	IAML			00:55	49.55	3	0.07	
INVG	HN	101.0	IAML			00:55	50.20	3	0.08	
EAB	HZ	107.0	EP			00:55	36.00			0.47
EAB	HE	107.0	ES			00:55	48.66			0.42
EAB	HN	107.0	IAML			00:55	51.52	2	0.16	
EAB	HE	107.0	IAML			00:55	51.58	3	0.13	
PITL	HZ	110.0	IP		D	00:55	36.21			0.13
PITL	HN	110.0	ES			00:55	49.07			-0.12
PITL	HE	110.0	IAML			00:55	51.64	2	0.10	
PITL	HN	110.0	IAML			00:55	52.53	3	0.07	
LINV	HZ	134.0	EP			00:55	39.71			0.17
LINV	HE	134.0	IAML			00:55	57.41	2	0.10	
LINV	HN	134.0	IAML			00:55	57.42	1	0.14	
MCD	HZ	147.0	EP			00:55	41.92			0.49

October 2 2022 Time: 14:58 39.4 UTC Magnitude: 1.4 ML
Lat: 51.789 Lon: -3.576 Depth: 7.8 km
Grid Ref: 291.31 kmE 211.26 kmN RMS: 0.40 secs
Locality: YSTRADFELLTE,POWYS
Velocity model: Lownet Xnear: 200.0 Xfar: 300.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
MCH1	HZ	46.0	IP		C	14:58	47.26			-0.20
MCH1	HN	46.0	ES			14:58	52.88			-0.43
MCH1	HE	46.0	IAML			14:58	53.03	22	0.11	
MCH1	HN	46.0	IAML			14:58	53.15	21	0.26	
MONM	HZ	53.5	IP		C	14:58	48.42			-0.18
MONM	HN	53.5	ES			14:58	55.10			-0.20
MONM	HE	53.5	IAML			14:58	55.47	20	0.19	
MONM	HN	53.5	IAML			14:58	55.74	19	0.15	
OLDB	HZ	72.3	EP			14:58	51.61			0.12
RSBS	HZ	82.5	EP			14:58	53.17			0.05
RSBS	HN	82.5	ES			14:59	02.28			-0.83
RSBS	HN	82.5	IAML			14:59	04.11	9	0.06	
RSBS	HE	82.5	IAML			14:59	07.58	14	0.06	
HLM1	HZ	94.1	EP			14:58	54.91			-0.03
HLM1	HN	94.1	ES			14:59	06.36			0.09
HLM1	HE	94.1	IAML			14:59	11.05	13	0.09	
HLM1	HN	94.1	IAML			14:59	11.37	13	0.13	
STRD	HZ	97.6	EP			14:58	55.62			0.18
STRD	HN	97.6	IAML			14:59	13.14	14	0.16	
STRD	HE	97.6	IAML			14:59	14.34	14	0.17	
HTL	HZ	109.0	IP		C	14:58	57.67			0.53
HTL	HN	109.0	IAML			14:59	10.37	9	0.43	
HTL	HE	109.0	IAML			14:59	10.72	9	0.29	
LLW	BZ	118.0	EP			14:58	59.49			0.87
FOEL	HZ	125.0	EP			14:59	00.03			0.30
FOEL	HE	125.0	IAML			14:59	15.81	8	0.50	
FOEL	HN	125.0	IAML			14:59	17.66	8	0.29	
DYA	HZ	153.0	EP			14:59	03.50			-0.13
DYA	HN	153.0	IAML			14:59	22.15	7	0.12	
DYA	HE	153.0	IAML			14:59	22.42	12	0.32	
CWF	HZ	187.0	EP			14:59	08.07			-0.13
CWF	HN	187.0	IAML			14:59	32.27	4	0.15	
CWF	HE	187.0	IAML			14:59	32.40	4	0.11	

October 3 2022 Time: 15:07 51.8 UTC Magnitude: 1.2 ML
Lat: 56.175 Lon: -3.884 Depth: 6.5 km
Grid Ref: 283.05 kmE 699.63 kmN RMS: 0.50 secs
Locality: BLAIRLOGIE,STIRLING
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
EAB	HZ	28.2	IP		C	15:07	57.01			-0.12
EAB	HN	28.2	ES			15:08	00.67			-0.36
EAB	HN	28.2	IAML			15:08	00.97	26	0.14	
EAB	HE	28.2	IAML			15:08	01.83	15	0.23	
INVG	HZ	29.8	IP		D	15:07	57.41			0.03
INVG	HE	29.8	ES			15:08	01.31			-0.15
INVG	HN	29.8	IAML			15:07	57.57	8	0.24	
INVG	HE	29.8	IAML			15:08	01.53	9	0.11	
EDI	HN	51.6	ES			15:08	06.57			-0.69
EDI	HE	51.6	IAML			15:08	06.98	27	0.13	
EDI	HN	51.6	IAML			15:08	07.02	20	0.26	
PGB1	HZ	55.1	EP			15:08	00.95			-0.34
PGB1	HE	55.1	IAML			15:08	07.98	19	0.13	
PGB1	HN	55.1	IAML			15:08	08.06	34	0.16	
PITL	HZ	73.9	EP			15:08	04.57			0.33
PITL	HE	73.9	ES			15:08	12.69			-0.64
PITL	HE	73.9	IAML			15:08	13.30	11	0.05	
PITL	HN	73.9	IAML			15:08	13.53	13	0.06	
LAWE	HZ	94.5	EP			15:08	07.82			0.44
LAWE	HN	94.5	IAML			15:08	21.35	5	0.14	
LAWE	HE	94.5	IAML			15:08	21.38	7	0.14	
ESK	HZ	105.0	EP			15:08	09.10			0.12
ESK	HE	105.0	IAML			15:08	23.49	4	0.12	
ESK	HN	105.0	IAML			15:08	24.48	4	0.35	
DRUM	HZ	119.0	EP			15:08	11.81			0.63
DRUM	HN	119.0	IAML			15:08	28.07	10	0.15	
DRUM	HE	119.0	IAML			15:08	28.36	9	0.18	
NEWG	HZ	120.0	EP			15:08	11.72			0.42
NEWG	HE	120.0	IAML			15:08	26.99	8	0.25	
NEWG	HN	120.0	IAML			15:08	27.38	7	0.25	
TARL	HZ	126.0	EP			15:08	13.24			0.93
TARL	HE	126.0	IAML			15:08	30.32	12	0.15	
TARL	HN	126.0	IAML			15:08	31.10	13	0.10	
GAL1	HZ	155.0	EP			15:08	17.28			0.92
GAL1	HN	155.0	IAML			15:08	35.03	7	0.40	
GAL1	HE	155.0	IAML			15:08	35.76	10	0.25	

October 3 2022 Time: 17:26 35.5 UTC Magnitude: 0.6 ML
Lat: 56.166 Lon: -3.893 Depth: 7.8 km
Grid Ref: 282.46 kmE 698.64 kmN RMS: 0.30 secs
Locality: BLAIRLOGIE,STIRLING
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
EAB	HZ	27.7	IP		C	17:26	40.69			0.00
EAB	HN	27.7	ES			17:26	44.37			-0.11
EAB	HN	27.7	IAML			17:26	44.68	8	0.17	
EAB	HE	27.7	IAML			17:26	45.50	5	0.22	
INVG	HZ	30.6	IP		D	17:26	41.09			-0.05
INVG	HN	30.6	ES			17:26	45.05			-0.21
INVG	HE	30.6	IAML			17:26	45.22	3	0.07	
INVG	HN	30.6	IAML			17:26	46.02	2	0.32	
EDI	HN	51.5	ES			17:26	50.28			-0.54
EDI	HE	51.5	IAML			17:26	50.68	9	0.15	
EDI	HN	51.5	IAML			17:26	50.94	6	0.29	
PGB1	HZ	54.0	EP			17:26	44.72			-0.02
PGB1	HE	54.0	ES			17:26	51.55			0.06
PGB1	HN	54.0	IAML			17:26	51.70	13	0.09	
PGB1	HE	54.0	IAML			17:26	51.89	6	0.09	
PITL	HZ	75.0	EP			17:26	48.68			0.63
PITL	HE	75.0	IAML			17:26	57.14	4	0.09	
PITL	HN	75.0	IAML			17:26	57.21	4	0.08	
LAWE	HN	94.1	ES			17:27	02.01			-0.21
LAWE	HE	94.1	IAML			17:27	04.93	2	0.16	
LAWE	HN	94.1	IAML			17:27	07.22	2	0.18	
ESK	HZ	104.0	EP			17:26	52.77			0.27
ESK	HE	104.0	IAML			17:27	07.12	1	0.21	
ESK	HN	104.0	IAML			17:27	08.08	1	0.22	
NEWG	HZ	119.0	EP			17:26	55.20			0.45
NEWG	HN	119.0	IAML			17:27	10.52	2	0.13	
NEWG	HE	119.0	IAML			17:27	10.65	3	0.14	
DRUM	HZ	120.0	EP			17:26	54.82			-0.16
DRUM	HE	120.0	IAML			17:27	11.03	2	0.12	
DRUM	HN	120.0	IAML			17:27	11.80	3	0.21	

October 7 2022 Time: 19:30 00.8 UTC Magnitude: 0.5 ML
Lat: 54.119 Lon: -1.796 Depth: 6.6 km
Grid Ref: 413.33 kmE 469.28 kmN RMS: 0.30 secs
Locality: RAMSGILL,N YORKSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AS07	HZ	17.6	IP		D	19:30	04.39			-0.05
AS07	HE	17.6	ES			19:30	06.84			-0.24
AS07	HN	17.6	IAML			19:30	07.16	16	0.12	
AS07	HE	17.6	IAML			19:30	07.18	13	0.08	
AR05	HN	20.4	ES			19:30	07.94			0.11
AR05	HE	20.4	IAML			19:30	08.18	11	0.14	
AR05	HN	20.4	IAML			19:30	08.33	10	0.24	
HPK	HZ	21.1	IP		D	19:30	04.94			-0.05
HPK	HN	21.1	ES			19:30	07.86			-0.18
HPK	HE	21.1	IAML			19:30	05.20	3	0.02	
HPK	HN	21.1	IAML			19:30	08.44	6	0.14	
AS02	HE	64.1	ES			19:30	19.16			-0.52
AS02	HE	64.1	IAML			19:30	19.77	4	0.24	
AS02	HN	64.1	IAML			19:30	20.21	4	0.28	
AQ12	HZ	71.6	EP			19:30	13.12			0.21
AQ12	HN	71.6	IAML			19:30	21.64	3	0.07	
AQ12	HE	71.6	IAML			19:30	22.13	2	0.10	

TABLE 2 : PHASE DATA

LBWR	HZ	80.0	EP		19:30	14.82		0.62
LBWR	HN	80.0	ES		19:30	23.94		-0.03
LBWR	HN	80.0	IAML		19:30	25.89	4	0.19
LBWR	HE	80.0	IAML		19:30	27.13	4	0.13
EDMD	HZ	80.0	EP		19:30	14.36		0.22
EDMD	HN	80.0	ES		19:30	23.53		-0.32
EDMD	HN	80.0	IAML		19:30	25.86	3	0.10
EDMD	HE	80.0	IAML		19:30	25.97	5	0.13
AP12	HN	98.3	ES		19:30	28.57		-0.26
AP12	HN	98.3	IAML		19:30	29.10	2	0.19
AP12	HE	98.3	IAML		19:30	30.65	3	0.38
KESW	HZ	99.9	EP		19:30	17.77		0.50
KESW	HE	99.9	IAML		19:30	30.63	1	0.10
KESW	HN	99.9	IAML		19:30	31.11	2	0.26

October 11 2022 Time: 08:37 12.4 UTC Magnitude: 1.8 ML
Lat: 53.131 Lon: -3.852 Depth: 7.8 km
Grid Ref: 276.11 kmE 360.95 kmN RMS: 0.30 secs
Locality: LLANRWST,CONWY
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: FELT LLANBERIS... Intensity: 3

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
WLF1	HZ	40.4	IP		D	08:37	19.62			0.07
WLF1	HN	40.4	ES			08:37	24.49			-0.26
WLF1	HN	40.4	IAML			08:37	24.63	108	0.09	
WLF1	HE	40.4	IAML			08:37	24.65	48	0.12	
FOEL	HZ	51.4	IP		D	08:37	21.21			-0.12
FOEL	HE	51.4	ES			08:37	27.55			-0.27
FOEL	HE	51.4	IAML			08:37	28.16	49	0.18	
FOEL	HN	51.4	IAML			08:37	30.25	43	0.23	
WPS	HZ	52.5	IP		D	08:37	21.62			0.20
WPS	HE	52.5	ES			08:37	27.95			-0.04
WPS	HE	52.5	IAML			08:37	28.17	28	0.24	
WPS	HN	52.5	IAML			08:37	28.28	33	0.12	
HLM1	HZ	94.5	IP		C	08:37	28.36			0.35
HLM1	HN	94.5	ES			08:37	39.38			-0.01
HLM1	HE	94.5	IAML			08:37	39.95	18	0.11	
HLM1	HN	94.5	IAML			08:37	39.99	16	0.14	
AR07	HZ	133.0	EP			08:37	33.83			-0.03
AR07	HN	133.0	IAML			08:37	55.27	32	0.31	
AR07	HE	133.0	IAML			08:37	56.67	27	0.32	
AS02	HN	133.0	IAML			08:37	50.68	23	0.26	
AS02	HE	133.0	IAML			08:37	51.17	43	0.44	
IOMK	HZ	134.0	EP			08:37	34.51			0.53
IOMK	HE	134.0	ES			08:37	49.68			-0.02
IOMK	HE	134.0	IAML			08:37	50.80	18	0.15	
IOMK	HN	134.0	IAML			08:37	51.22	17	0.16	
AP12	HZ	137.0	EP			08:37	34.17			-0.17
AP12	HN	137.0	IAML			08:37	50.78	17	0.38	
AP12	HE	137.0	IAML			08:37	52.39	16	0.30	
MCH1	HZ	139.0	EP			08:37	34.91			0.28
MCH1	HN	139.0	ES			08:37	50.65			-0.18
MCH1	HN	139.0	IAML			08:37	52.42	10	0.22	
MCH1	HE	139.0	IAML			08:37	52.58	15	0.14	
RSBS	HZ	144.0	EP			08:37	35.03			-0.41
RSBS	HE	144.0	IAML			08:37	53.48	11	0.10	
RSBS	HN	144.0	IAML			08:37	54.19	21	0.28	
LBWR	HZ	145.0	EP			08:37	36.17			0.61
LBWR	HE	145.0	IAML			08:37	54.04	13	0.21	
LBWR	HN	145.0	IAML			08:37	55.00	20	0.23	
AR09	HZ	153.0	EP			08:37	36.29			-0.48
MONM	HZ	160.0	EP			08:37	38.24			0.54
MONM	HE	160.0	IAML			08:37	58.13	17	0.34	
MONM	HN	160.0	IAML			08:37	58.68	26	0.20	
AQ12	HZ	162.0	EP			08:37	37.50			-0.54
AQ12	HN	162.0	IAML			08:37	58.91	20	0.12	
AQ12	HE	162.0	IAML			08:37	58.95	17	0.10	
KESW	HZ	170.0	EP			08:37	38.35			-0.62
KESW	HE	170.0	IAML			08:38	00.64	16	0.43	
KESW	HN	170.0	IAML			08:38	02.10	18	0.40	

October 13 2022 Time: 03:32 39.6 UTC Magnitude: 0.1 ML
Lat: 54.550 Lon: -2.796 Depth: 8.4 km
Grid Ref: 348.52 kmE 517.50 kmN RMS: 0.40 secs
Locality: BAMPTON,CUMBRIA
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AQ12	HZ	13.0	IP		D	03:32	42.74			0.16
AQ12	HE	13.0	ES			03:32	45.01			0.27
AQ12	HE	13.0	IAML			03:32	45.10	10	0.09	
AQ12	HN	13.0	IAML			03:32	45.11	10	0.11	
KESW	HZ	20.4	IP		C	03:32	43.77			0.09
KESW	HN	20.4	ES			03:32	46.48			-0.17
KESW	HN	20.4	IAML			03:32	47.05	2	0.19	
KESW	HE	20.4	IAML			03:32	47.07	3	0.09	
AP12	HZ	40.6	EP			03:32	46.68			-0.12
AP12	HN	40.6	ES			03:32	51.37			-0.67
AP12	HN	40.6	IAML			03:32	52.20	1	0.09	
AP12	HE	40.6	IAML			03:32	52.38	1	0.16	
AR09	HZ	42.9	EP			03:32	47.08			-0.13
EDMD	HZ	62.2	EP			03:32	50.15			0.04
EDMD	HN	62.2	ES			03:32	57.29			-0.47
EDMD	HN	62.2	IAML			03:32	57.57	3	0.20	
EDMD	HE	62.2	IAML			03:32	57.69	4	0.14	
AS07	HZ	64.8	EP			03:32	50.69			0.10
AS07	HE	64.8	ES			03:32	58.09			-0.50
AS07	HE	64.8	IAML			03:32	58.78	1	0.12	
AS07	HN	64.8	IAML			03:32	58.79	1	0.03	
AR05	HN	80.3	ES			03:33	03.26			0.57
ESK	HZ	89.2	EP			03:32	54.84			0.50
IOMK	HZ	119.0	EP			03:32	59.50			0.50
IOMK	HN	119.0	IAML			03:33	13.72	0	0.10	
IOMK	HE	119.0	IAML			03:33	14.93	0	0.03	

October 13 2022 Time: 17:42 56.8 UTC Magnitude: 1.2 ML
Lat: 53.870 Lon: -2.818 Depth: 4.3 km
Grid Ref: 346.22 kmE 441.87 kmN RMS: 0.30 secs
Locality: ST MICHAEL'S,LANCASHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AQ10	HZ	5.0	IP		D	17:42	58.36			0.11
AQ10	HE	5.0	ES			17:42	59.71			0.43
AQ10	HN	5.0	IAML			17:42	59.87	303	0.17	
AQ10	HE	5.0	IAML			17:43	00.90	230	0.25	
AQ06	HZ	7.9	EP			17:42	58.33			-0.37
AQ06	HE	7.9	ES			17:42	59.63			-0.43
AQ06	HN	7.9	IAML			17:42	59.98	1521	0.21	
AQ06	HE	7.9	IAML			17:43	00.05	629	0.24	
AR07	HZ	27.4	IP		C	17:43	01.79			-0.23
AR07	HN	27.4	ES			17:43	05.50			-0.29
AR07	HN	27.4	IAML			17:43	06.05	67	0.11	
AR07	HE	27.4	IAML			17:43	06.39	30	0.12	
AR09	HZ	46.6	EP			17:43	05.16			-0.07
AR09	HE	46.6	ES			17:43	10.99			-0.36
AR09	HE	46.6	IAML			17:43	11.58	58	0.04	
AR09	HN	46.6	IAML			17:43	11.64	69	0.10	
AR05	HZ	54.2	EP			17:43	06.30			-0.06
AR05	HN	54.2	IAML			17:43	15.25	18	0.17	
AR05	HE	54.2	IAML			17:43	15.30	11	0.22	
AP12	HZ	57.1	EP			17:43	06.94			0.14
AP12	HE	57.1	ES			17:43	13.87			-0.20
AP12	HN	57.1	IAML			17:43	14.29	6	0.18	
AP12	HE	57.1	IAML			17:43	14.38	10	0.25	
AQ12	HZ	63.2	EP			17:43	07.88			0.10
AQ12	HE	63.2	ES			17:43	15.43			-0.34
AQ12	HN	63.2	IAML			17:43	15.79	4	0.07	
AQ12	HE	63.2	IAML			17:43	18.32	9	0.07	
AS02	HE	65.2	ES			17:43	16.20			-0.07
AS02	HE	65.2	IAML			17:43	16.93	7	0.21	
AS02	HN	65.2	IAML			17:43	17.24	8	0.11	
AS07	HZ	71.7	EP			17:43	09.06			-0.04
AS07	HN	71.7	IAML			17:43	19.58	7	0.08	
AS07	HE	71.7	IAML			17:43	20.68	6	0.07	
KESW	HZ	82.1	EP			17:43	11.02			0.33
KESW	HN	82.1	ES			17:43	20.60			-0.21
KESW	HN	82.1	IAML			17:43	21.80	5	0.26	
KESW	HE	82.1	IAML			17:43	22.39	5	0.28	
LBWR	HZ	89.2	EP			17:43	12.12			0.32
LBWR	HN	89.2	ES			17:43	22.90			0.19
LBWR	HN	89.2	IAML			17:43	24.65	9	0.10	
LBWR	HE	89.2	IAML			17:43	27.35	11	0.27	
FOEL	HZ	112.0	EP			17:43	15.25			-0.11
FOEL	HN	112.0	IAML			17:43	30.74	5	0.24	
FOEL	HE	112.0	IAML			17:43	31.76	5	0.53	
EDMD	HZ	121.0	EP			17:43	17.62			1.02
EDMD	HE	121.0	IAML			17:43	33.37	11	0.19	
EDMD	HN	121.0	IAML			17:43	33.51	13	0.22	
IOMK	HZ	122.0	EP			17:43	17.25			0.33
WPS	HZ	123.0	EP			17:43	17.08			0.13
WPS	HN	123.0	IAML			17:43	33.08	6	0.16	
WPS	HE	123.0	IAML			17:43	33.30	5	0.15	
WLF1	HZ	123.0	EP			17:43	17.35			0.38
WLF1	HN	123.0	IAML			17:43	32.48	3	0.23	
WLF1	HE	123.0	IAML			17:43	33.74	4	0.15	

October 14 2022 Time: 05:04 47.9 UTC Magnitude: 0.8 ML
Lat: 54.174 Lon: -2.215 Depth: 9.3 km
Grid Ref: 385.97 kmE 475.40 kmN RMS: 0.20 secs
Locality: HALTON GILL,N YORKSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AR09	HZ	15.8	EP			05:04	51.45			0.08
AR09	HN	15.8	ES			05:04	54.04			0.15
AR09	HN	15.8	IAML			05:04	54.09	55	0.07	
AR09	HE	15.8	IAML			05:04	54.12	66	0.11	
AS07	HZ	20.1	IP		C	05:04	51.87			-0.14
AS07	HE	20.1	ES			05:04	54.74			-0.24
AS07	HN	20.1	IAML			05:04	54.88	26	0.07	
AS07	HE	20.1	IAML			05:04	54.90	32	0.12	
AR05	HZ	24.1	IP		D	05:04	52.62			0.04
AR05	HN	24.1	ES			05:04	56.09			0.12
AR05	HN	24.1	IAML			05:04	56.24	20	0.13	
AR05	HE	24.1	IAML			05:04	56.45	28	0.17	
AR07	HZ	25.4	EP			05:04	52.89			0.11
AR07	HN	25.4	ES			05:04	56.30			-0.01
AR07	HN	25.4	IAML			05:04	56.58	18	0.13	
AR07	HE	25.4	IAML			05:04	56.68	17	0.18	
HPK	HZ	45.5	IP		D	05:04	55.84			-0.05

TABLE 2 : PHASE DATA

HPK	HE	45.5	ES		05:05	01.53			-0.16	
HPK	HE	45.5	IAML		05:05	02.12	11	0.20		
HPK	HN	45.5	IAML		05:05	02.57	12	0.23		
AQ12	HZ	45.6	IP	D	05:04	55.85			-0.07	
AQ12	HE	45.6	ES		05:05	01.27			-0.49	
AQ12	HE	45.6	IAML		05:05	01.72	11	0.13		
AQ12	HN	45.6	IAML		05:05	01.76	10	0.04		
AS10	HZ	49.0	EP		05:04	56.62			0.21	
AS10	HE	49.0	ES		05:05	02.82			0.23	
AS10	HN	49.0	IAML		05:05	03.01	10	0.17		
AS10	HE	49.0	IAML		05:05	03.07	13	0.22		
AP12	HZ	70.2	EP		05:04	59.69			-0.02	
AP12	HN	70.2	ES		05:05	08.00			-0.30	
AP12	HN	70.2	IAML		05:05	08.90	1	0.14		
AP12	HE	70.2	IAML		05:05	10.09	1	0.07		
KESW	HZ	74.0	IP	C	05:05	00.56			0.26	
KESW	HE	74.0	ES		05:05	09.53			0.20	
KESW	HN	74.0	IAML		05:05	10.05	4	0.41		
KESW	HE	74.0	IAML		05:05	10.16	3	0.23		
EDMD	HZ	75.0	EP		05:05	00.64			0.23	
EDMD	HE	75.0	ES		05:05	09.33			-0.18	
EDMD	HN	75.0	IAML		05:05	10.33	4	0.13		
EDMD	HE	75.0	IAML		05:05	10.84	3	0.14		
LBWR	HZ	91.8	EP		05:05	03.31			0.23	
LBWR	HE	91.8	ES		05:05	13.94			-0.20	
LBWR	HE	91.8	IAML		05:05	14.59	3	0.30		
LBWR	HN	91.8	IAML		05:05	15.26	5	0.23		

October 14 2022 Time: 16:28 10.8 UTC Magnitude: 0.3 ML
Lat: 54.569 Lon: -3.967 Depth: 7.8 km
Grid Ref: 272.85 kmE 521.10 kmN RMS: 0.20 secs
Locality: IRISH SEA
Velocity model: Lownet Xnear: 75.0 Xfar: 150.0
Comment: 25KM WEST WHITEHAVEN

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
IOMK	HZ	51.9	EP			16:28	19.65			-0.05
IOMK	HN	51.9	ES			16:28	26.36			0.15
IOMK	HN	51.9	IAML			16:28	27.67	1	0.14	
IOMK	HE	51.9	IAML			16:28	29.27	1	0.11	
AP12	HZ	53.8	EP			16:28	20.10			0.10
AP12	HE	53.8	ES			16:28	26.43			-0.31
AP12	HN	53.8	IAML			16:28	26.87	3	0.20	
AP12	HE	53.8	IAML			16:28	27.97	2	0.10	
KESW	HZ	55.8	EP			16:28	20.52			0.19
GAL1	HZ	58.2	EP			16:28	20.87			0.20
GAL1	HE	58.2	ES			16:28	27.49			-0.40
GAL1	HE	58.2	IAML			16:28	27.68	1	0.13	
GAL1	HN	58.2	IAML			16:28	28.22	2	0.10	
NEWG	HZ	63.3	EP			16:28	21.67			0.21
NEWG	HE	63.3	ES			16:28	29.15			-0.11
NEWG	HE	63.3	IAML			16:28	29.62	3	0.14	
NEWG	HN	63.3	IAML			16:28	30.36	2	0.09	
AQ12	HN	80.1	ES			16:28	33.75			-0.10
AQ12	HE	80.1	IAML			16:28	34.59	4	0.05	
AQ12	HN	80.1	IAML			16:28	34.78	4	0.18	
ESK	HZ	96.5	EP			16:28	26.63			0.00
ESK	HE	96.5	ES			16:28	38.40			0.20
ESK	HN	96.5	IAML			16:28	39.07	2	0.50	
ESK	HE	96.5	IAML			16:28	39.37	2	0.22	

October 18 2022 Time: 02:47 41.7 UTC Magnitude: 0.6 ML
Lat: 52.869 Lon: -5.526 Depth: 5.7 km
Grid Ref: 162.72 kmE 336.03 kmN RMS: 0.30 secs
Locality: IRISH SEA
Velocity model: Lownet Xnear: 200.0 Xfar: 300.0
Comment: 35KM ESE WICKLOW

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
DSB	HZ	70.7	EP			02:47	54.02			0.44
DSB	HN	70.7	ES			02:48	01.83			-0.46
DSB	HE	70.7	IAML			02:48	03.17	1	0.19	
DSB	HN	70.7	IAML			02:48	03.22	2	0.10	
WLF1	HE	88.9	ES			02:48	06.94			-0.26
IWEX	HZ	101.0	EP			02:47	58.30			-0.00
IWEX	HE	101.0	ES			02:48	10.40			-0.06
RSBS	HZ	115.0	EP			02:48	00.59			0.10
RSBS	HN	115.0	ES			02:48	13.95			-0.30
RSBS	HE	115.0	IAML			02:48	15.38	1	0.07	
RSBS	HN	115.0	IAML			02:48	15.86	1	0.09	
ILTH	HE	140.0	ES			02:48	20.65			0.11
ILTH	HE	140.0	IAML			02:48	21.59	1	0.38	
ILTH	HN	140.0	IAML			02:48	23.54	2	0.19	
FOEL	HZ	157.0	EP			02:48	06.63			0.01
FOEL	HE	157.0	ES			02:48	24.43			-0.42
FOEL	HE	157.0	IAML			02:48	24.95	2	0.63	
FOEL	HN	157.0	IAML			02:48	25.53	3	0.50	
IOMK	HZ	167.0	EP			02:48	08.18			0.07
HLM1	HZ	183.0	EP			02:48	10.39			0.25
HLM1	HN	183.0	ES			02:48	31.47			0.53
HLM1	HN	183.0	IAML			02:48	32.50	1	0.21	
HLM1	HE	183.0	IAML			02:48	33.46	1	0.33	

October 19 2022 Time: 19:33 30.4 UTC Magnitude: 1.0 ML
Lat: 56.156 Lon: -3.461 Depth: 3.8 km
Grid Ref: 309.26 kmE 696.88 kmN RMS: 0.40 secs
Locality: CLEISH,PERTH & KINROSS
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
EDI	HZ	31.0	EP			19:33	35.71			-0.43
EDI	HN	31.0	ES			19:33	40.03			-0.30
EDI	HN	31.0	IAML			19:33	40.34	11	0.22	
EDI	HE	31.0	IAML			19:33	40.48	12	0.12	
INVG	HZ	47.1	EP			19:33	38.85			0.01
INVG	HE	47.1	ES			19:33	44.59			-0.42
INVG	HN	47.1	IAML			19:33	44.81	4	0.12	
INVG	HE	47.1	IAML			19:33	44.85	4	0.22	
EAB	HZ	54.5	EP			19:33	40.04			0.04
EAB	HE	54.5	IAML			19:33	51.46	3	0.05	
EAB	HN	54.5	IAML			19:33	52.02	5	0.12	
PITL	HZ	74.4	EP			19:33	43.35			0.25
PITL	HN	74.4	ES			19:33	52.14			-0.24
PITL	HN	74.4	IAML			19:33	53.65	8	0.10	
PITL	HE	74.4	IAML			19:33	54.26	9	0.09	
PGB1	HZ	74.4	EP			19:33	43.30			0.23
PGB1	HE	74.4	ES			19:33	52.33			0.01
ESK	HZ	94.8	EP			19:33	46.98			0.74
ESK	HE	94.8	ES			19:33	57.52			-0.28
ESK	HE	94.8	IAML			19:34	00.34	10	0.12	
ESK	HN	94.8	IAML			19:34	00.51	8	0.19	
DRUM	HZ	103.0	EP			19:33	48.23			0.66
DRUM	HE	103.0	IAML			19:34	00.39	12	0.30	
DRUM	HN	103.0	IAML			19:34	03.62	12	0.24	
TARL	HN	118.0	ES			19:34	03.61			-0.33
TARL	HE	118.0	IAML			19:34	07.61	19	0.13	
TARL	HN	118.0	IAML			19:34	07.82	12	0.11	

October 24 2022 Time: 21:45 52.9 UTC Magnitude: 0.6 ML
Lat: 53.555 Lon: -2.443 Depth: 14.6 km
Grid Ref: 370.66 kmE 406.60 kmN RMS: 0.10 secs
Locality: BOLTON,GTR MANCHESTER
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AR01	HZ	17.6	EP			21:45	56.94			0.04
AR01	HE	17.6	ES			21:45	59.95			0.11
AR01	HE	17.6	IAML			21:46	00.03	38	0.12	
AR01	HN	17.6	IAML			21:46	00.33	12	0.10	
AS02	HZ	30.3	EP			21:45	58.57			-0.11
AS02	HN	30.3	ES			21:46	02.78			-0.13
AS02	HE	30.3	IAML			21:46	03.08	4	0.11	
AS02	HN	30.3	IAML			21:46	03.09	3	0.11	
AR07	HN	49.0	ES			21:46	07.69			-0.06
AR07	HN	49.0	IAML			21:46	07.80	6	0.12	
AR07	HE	49.0	IAML			21:46	08.05	7	0.12	
LBWR	HZ	50.7	EP			21:46	01.73			-0.02
LBWR	HE	50.7	ES			21:46	08.49			0.27
LBWR	HE	50.7	IAML			21:46	08.92	3	0.15	
LBWR	HN	50.7	IAML			21:46	09.87	4	0.16	
AR05	HZ	56.0	EP			21:46	02.51			-0.02
AR05	HN	56.0	ES			21:46	09.53			-0.06
AR05	HE	56.0	IAML			21:46	09.81	5	0.21	
AR05	HN	56.0	IAML			21:46	09.85	3	0.10	
HPK	HN	70.2	ES			21:46	13.30			-0.05
HPK	HE	70.2	IAML			21:46	13.82	8	0.18	
HPK	HN	70.2	IAML			21:46	13.85	7	0.18	
FOEL	HZ	89.7	EP			21:46	07.56			-0.13
AP12	HN	99.9	ES			21:46	21.08			0.13
AP12	HN	99.9	IAML			21:46	22.04	1	0.20	
AP12	HE	99.9	IAML			21:46	22.08	1	0.18	
HLM1	HN	119.0	ES			21:46	25.81			0.04
HLM1	HE	119.0	IAML			21:46	26.57	1	0.17	
HLM1	HN	119.0	IAML			21:46	26.79	2	0.23	

October 25 2022 Time: 18:42 02.2 UTC Magnitude: 0.5 ML
Lat: 50.206 Lon: -5.066 Depth: 8.9 km
Grid Ref: 181.25 kmE 38.57 kmN RMS: 0.30 secs
Locality: PENPOL,CORNWALL
Velocity model: Cornwall Xnear: 200.0 Xfar: 500.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
GEL03	CZ	6.0	IP		D	18:42	04.29			0.18
GEL03	CE	6.0	ES			18:42	05.55			-0.01
GEL03	CN	6.0	IAML			18:42	05.76	59	0.07	
GEL03	CE	6.0	IAML			18:42	05.77	50	0.15	
GEL02	CZ	6.5	IP		D	18:42	04.25			0.09
GEL02	CE	6.5	ES			18:42	05.54			-0.11
GEL02	CN	6.5	IAML			18:42	05.71	33	0.06	
GEL02	CE	6.5	IAML			18:42	05.71	37	0.07	
GEL09	CZ	10.3	IP		D	18:42	04.72			0.11
GEL09	CN	10.3	ES			18:42	06.38			-0.07
GEL09	CE	10.3	IAML			18:42	06.49	46	0.08	
GEL09	CN	10.3	IAML			18:42	06.53	22	0.05	
GEL05	CZ	11.7	IP		D	18:42	04.85			0.04
GEL05	CN	11.7	ES			18:42	06.56			-0.24
GEL05	CE	11.7	IAML			18:42	06.64	7	0.06	
GEL05	CN	11.7	IAML			18:42	06.65	27	0.07	
DYA	HZ	84.7	EP			18:42	17.11			0.55
DYA	HN	84.7	ES			18:42	27.08			-0.52
DYA	HN	84.7	IAML			18:42	27.66	1	0.14	
DYA	HE	84.7	IAML			18:42	28.98	1	0.13	

TABLE 2 : PHASE DATA

October 26 2022 Time: 19:21 04.8 UTC Magnitude: 0.4 ML
Lat: 50.366 Lon: -5.403 Depth: 16.7 km
Grid Ref: 158.02 kmE 57.39 kmN RMS: 0.00 secs
Locality: CELTIC SEA
Velocity model: Cornwall Xnear: 200.0 Xfar: 500.0
Comment: 14KM NW PORTREATH

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
GEL09	CZ	20.0	EP			19:21	09.21			-0.04
GEL09	CN	20.0	ES			19:21	12.69			0.00
GEL09	CE	20.0	IAML			19:21	12.78	7	0.16	
GEL09	CN	20.0	IAML			19:21	12.78	5	0.06	
CCA1	HZ	23.5	EP			19:21	09.70			-0.02
CCA1	HE	23.5	ES			19:21	13.49			-0.03
CCA1	HE	23.5	IAML			19:21	13.75	4	0.27	
CCA1	HN	23.5	IAML			19:21	13.82	4	0.09	
GEL05	CZ	23.5	IP		D	19:21	09.74			0.02
GEL05	CE	23.5	ES			19:21	13.51			-0.01
GEL05	CE	23.5	IAML			19:21	13.63	4	0.14	
GEL05	CN	23.5	IAML			19:21	13.84	4	0.08	
GEL03	CZ	23.9	EP			19:21	09.81			0.05
GEL03	CN	23.9	ES			19:21	13.62			0.03
GEL03	CN	23.9	IAML			19:21	13.70	4	0.11	
GEL03	CE	23.9	IAML			19:21	13.84	7	0.14	
DYA	HE	105.0	ES			19:21	34.29			-0.02
DYA	HN	105.0	IAML			19:21	34.86	3	0.26	
DYA	HE	105.0	IAML			19:21	35.09	3	0.57	

October 26 2022 Time: 19:21 12.0 UTC Magnitude: 0.5 ML
Lat: 50.369 Lon: -5.402 Depth: 16.6 km
Grid Ref: 158.11 kmE 57.72 kmN RMS: 0.00 secs
Locality: CELTIC SEA
Velocity model: Cornwall Xnear: 200.0 Xfar: 500.0
Comment: 14KM NW PORTREATH

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
GEL09	CZ	20.2	EP			19:21	16.48			-0.03
GEL09	CN	20.2	ES			19:21	19.96			0.00
GEL09	CN	20.2	IAML			19:21	20.04	7	0.07	
GEL09	CE	20.2	IAML			19:21	20.11	8	0.14	
GEL05	CZ	23.7	EP			19:21	17.00			0.01
GEL05	CN	23.7	ES			19:21	20.80			-0.01
GEL05	CE	23.7	IAML			19:21	20.88	8	0.12	
GEL05	CN	23.7	IAML			19:21	21.06	6	0.09	
CCA1	HZ	23.8	EP			19:21	16.99			0.00
CCA1	HN	23.8	ES			19:21	20.79			-0.02
CCA1	HE	23.8	IAML			19:21	20.87	6	0.12	
CCA1	HN	23.8	IAML			19:21	21.05	5	0.07	
GEL03	CZ	24.1	EP			19:21	17.04			0.02
GEL03	CE	24.1	ES			19:21	20.88			0.02
GEL03	CE	24.1	IAML			19:21	21.14	8	0.09	
GEL03	CN	24.1	IAML			19:21	21.22	5	0.06	
DYA	HN	105.0	ES			19:21	41.52			-0.01
DYA	HN	105.0	IAML			19:21	42.12	2	0.09	
DYA	HE	105.0	IAML			19:21	42.42	3	0.29	

October 27 2022 Time: 04:24 26.5 UTC Magnitude: 1.3 ML
Lat: 57.374 Lon: -5.171 Depth: 4.6 km
Grid Ref: 209.36 kmE 835.93 kmN RMS: 0.30 secs
Locality: LOCH MONAR,HIGHLAND
Velocity model: Lownet Xnear: 200.0 Xfar: 300.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	29.2	EP			04:24	32.15			0.17
KPL	HE	29.2	ES			04:24	35.82			-0.13
KPL	HN	29.2	IAML			04:24	37.10	11	0.16	
KPL	HE	29.2	IAML			04:24	37.85	8	0.14	
LINV	HZ	86.0	EP			04:24	41.09			0.15
LINV	HE	86.0	IAML			04:24	54.36	17	0.14	
LINV	HN	86.0	IAML			04:24	54.70	6	0.11	
PITL	HZ	114.0	EP			04:24	44.96			-0.32
PITL	HE	114.0	IAML			04:25	00.24	10	0.07	
PITL	HN	114.0	IAML			04:25	01.32	8	0.06	
MCD	HZ	117.0	EP			04:24	46.02			0.19
MCD	HN	117.0	IAML			04:25	02.24	11	0.18	
MCD	HE	117.0	IAML			04:25	02.28	12	0.14	
LAWE	HZ	125.0	EP			04:24	46.85			-0.13
LAWE	HN	125.0	IAML			04:25	04.38	6	0.12	
LAWE	HE	125.0	IAML			04:25	06.86	5	0.35	
TARL	HZ	141.0	EP			04:24	48.95			-0.37
TARL	HN	141.0	IAML			04:25	06.53	5	0.18	
TARL	HE	141.0	IAML			04:25	10.48	6	0.23	
EAB	HZ	142.0	EP			04:24	49.70			0.27
EAB	HN	142.0	IAML			04:25	07.11	5	0.26	
EAB	HE	142.0	IAML			04:25	07.72	4	0.10	
BIGH	HZ	145.0	EP			04:24	49.67			-0.26
BIGH	HN	145.0	IAML			04:25	08.67	6	0.19	
BIGH	HE	145.0	IAML			04:25	09.16	9	0.22	
DRUM	HZ	170.0	EP			04:24	53.99			0.44
DRUM	HE	170.0	IAML			04:25	15.73	6	0.14	
DRUM	HN	170.0	IAML			04:25	16.05	5	0.14	

October 27 2022 Time: 12:27 52.2 UTC Magnitude: 2.0 ML
Lat: 52.080 Lon: -3.605 Depth: 6.9 km
Grid Ref: 290.03 kmE 243.67 kmN RMS: 0.30 secs
Locality: LLANWRTYD WELLS,POWYS
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
MCH1	HZ	42.6	IP		C	12:27	59.69			-0.07
MCH1	HE	42.6	ES			12:28	05.02			-0.24
MCH1	HN	42.6	IAML			12:28	05.21	473	0.12	
MCH1	HE	42.6	IAML			12:28	05.28	185	0.18	
MONM	HZ	61.2	EP			12:28	02.77			0.14
MONM	HN	61.2	ES			12:28	10.28			0.05
MONM	HE	61.2	IAML			12:28	10.52	175	0.18	
MONM	HN	61.2	IAML			12:28	10.53	166	0.28	
HLM1	HZ	69.4	EP			12:28	03.74			-0.21
HLM1	HE	69.4	IAML			12:28	13.02	28	0.23	
HLM1	HN	69.4	IAML			12:28	14.02	37	0.22	
RSBS	HZ	79.5	EP			12:28	05.21			-0.28
RSBS	HN	79.5	ES			12:28	14.91			-0.27
RSBS	HN	79.5	IAML			12:28	18.86	42	0.04	
RSBS	HE	79.5	IAML			12:28	18.92	55	0.07	
LLW	BZ	85.7	EP			12:28	06.63			0.21
LLW	BN	85.7	IAML			12:28	17.46	14	0.30	
LLW	BE	85.7	IAML			12:28	17.59	22	0.10	
OLDB	HN	86.4	ES			12:28	16.84			-0.08
OLDB	HN	86.4	IAML			12:28	20.30	170	0.34	
OLDB	HE	86.4	IAML			12:28	21.67	111	0.48	
FOEL	HZ	94.2	EP			12:28	08.09			0.30
FOEL	HN	94.2	ES			12:28	19.15			-0.01
FOEL	HE	94.2	IAML			12:28	22.88	68	0.36	
FOEL	HN	94.2	IAML			12:28	24.02	35	0.32	
HTL	HZ	135.0	EP			12:28	14.53			0.55
HTL	HN	135.0	ES			12:28	30.44			0.58
HTL	HN	135.0	IAML			12:28	31.64	22	0.20	
HTL	HE	135.0	IAML			12:28	31.71	28	0.10	
DYA	HZ	184.0	EP			12:28	20.32			-0.40
DYA	HE	184.0	IAML			12:28	43.46	19	0.16	
DYA	HN	184.0	IAML			12:28	45.63	22	0.28	

October 27 2022 Time: 13:30 37.5 UTC Magnitude: 1.0 ML
Lat: 54.718 Lon: -2.979 Depth: 8.6 km
Grid Ref: 336.94 kmE 536.34 kmN RMS: 0.20 secs
Locality: MILLHOUSE,CUMBRIA
Velocity model: Lownet Xnear: 75.0 Xfar: 100.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KESW	HZ	16.5	IP		C	13:30	41.07			0.05
KESW	HN	16.5	ES			13:30	43.58			0.02
KESW	HE	16.5	IAML			13:30	43.68	28	0.10	
KESW	HN	16.5	IAML			13:30	44.64	16	0.21	
AQ12	HZ	34.6	EP			13:30	43.65			-0.18
AQ12	HE	34.6	IAML			13:30	48.70	20	0.05	
AQ12	HN	34.6	IAML			13:30	51.03	15	0.07	
AP12	HZ	49.1	EP			13:30	46.01			-0.03
AP12	HN	49.1	ES			13:30	52.11			-0.13
AP12	HE	49.1	IAML			13:30	52.41	22	0.10	
AP12	HN	49.1	IAML			13:30	52.42	14	0.12	
AR09	HZ	65.0	EP			13:30	48.56			0.00
EDMD	HZ	66.6	EP			13:30	49.12			0.40
EDMD	HN	66.6	ES			13:30	56.59			-0.29
EDMD	HE	66.6	IAML			13:30	56.97	19	0.24	
EDMD	HN	66.6	IAML			13:30	57.14	22	0.18	
ESK	HZ	68.2	EP			13:30	49.19			0.18
ESK	HE	68.2	ES			13:30	57.17			-0.20
ESK	HN	68.2	IAML			13:31	00.10	5	0.17	
ESK	HE	68.2	IAML			13:31	00.82	5	0.06	
AS07	HZ	85.0	EP			13:30	51.73			0.08
AS07	HE	85.0	IAML			13:31	05.09	5	0.15	
AS07	HN	85.0	IAML			13:31	05.29	5	0.15	
AR07	HZ	87.2	EP			13:30	52.49			0.54
AR07	HE	87.2	IAML			13:31	05.23	7	0.26	
AR07	HN	87.2	IAML			13:31	05.35	8	0.21	
NEWG	HZ	91.7	EP			13:30	52.70			0.07
NEWG	HE	91.7	IAML			13:31	05.61	3	0.13	
NEWG	HN	91.7	IAML			13:31	05.76	4	0.12	
AR05	HZ	102.0	EP			13:30	55.09			0.80
AR05	HE	102.0	IAML			13:31	08.97	10	0.22	
AR05	HN	102.0	IAML			13:31	09.27	10	0.22	
GAL1	HZ	113.0	EP			13:30	56.51			0.64
GAL1	HE	113.0	IAML			13:31	10.31	2	0.17	
GAL1	HN	113.0	IAML			13:31	11.00	3	0.13	
IOMK	HZ	115.0	EP			13:30	56.51			0.30
IOMK	HE	115.0	IAML			13:31	11.17	3	0.16	
IOMK	HN	115.0	IAML			13:31	11.26	4	0.13	

October 28 2022 Time: 17:04 03.2 UTC Magnitude: 1.0 ML
Lat: 53.489 Lon: -2.817 Depth: 14.3 km
Grid Ref: 345.80 kmE 399.48 kmN RMS: 0.20 secs
Locality: KIRKBY,MERSEYSIDE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AQ06	HZ	37.9	EP			17:04	10.00			-0.01
AQ06	HN	37.9	ES			17:04	15.04			0.03
AQ06	HN	37.9	IAML			17:04	15.29	29	0.12	
AQ06	HE	37.9	IAML			17:04	15.61	24	0.27	
AR01	HZ	39.2	EP			17:04	10.14			-0.12
AR01	HN	39.2	ES			17:04	15.05			-0.39
AR01	HE	39.2	IAML			17:04	15.70	18	0.08	
AR01	HN	39.2	IAML			17:04	15.72	20	0.11	
AS02	HZ	55.6	EP			17:04	12.62			-0.14

TABLE 2 : PHASE DATA

AS02	HN	55.6	ES		17:04	19.69				-0.07
AS02	HN	55.6	IAML		17:04	20.06		6	0.14	
AS02	HE	55.6	IAML		17:04	20.13		7	0.23	
AR07	HZ	61.1	EP		17:04	13.99				0.39
AR07	HN	61.1	ES		17:04	20.84				-0.38
AR07	HE	61.1	IAML		17:04	21.92		15	0.25	
AR07	HN	61.1	IAML		17:04	22.08		20	0.14	
FOEL	HZ	71.5	EP		17:04	15.41				0.18
FOEL	HN	71.5	ES		17:04	24.01				-0.03
FOEL	HE	71.5	IAML		17:04	25.22		7	0.25	
FOEL	HN	71.5	IAML		17:04	25.23		14	0.46	
LBWR	HZ	73.2	EP		17:04	15.56				0.08
LBWR	HE	73.2	ES		17:04	24.65				0.18
LBWR	HN	73.2	IAML		17:04	25.45		10	0.09	
LBWR	HE	73.2	IAML		17:04	27.04		10	0.12	
AR05	HZ	76.7	EP		17:04	16.13				0.13
AR05	HE	76.7	ES		17:04	25.52				0.14
AR05	HE	76.7	IAML		17:04	27.43		9	0.13	
AR05	HN	76.7	IAML		17:04	27.61		11	0.27	
LLW	BN	91.1	ES		17:04	28.78				-0.28
LLW	BE	91.1	IAML		17:04	29.33		3	0.42	
LLW	BN	91.1	IAML		17:04	29.41		2	0.12	
HPK	HZ	94.4	EP		17:04	18.80				0.17
HPK	HN	94.4	IAML		17:04	32.45		12	0.20	
HPK	HE	94.4	IAML		17:04	32.51		12	0.37	
AS07	HZ	103.0	EP		17:04	20.19				0.33
AS07	HN	103.0	ES		17:04	31.88				-0.17
AS07	HN	103.0	IAML		17:04	33.10		8	0.13	
AS07	HE	103.0	IAML		17:04	33.29		5	0.12	
WLF1	HZ	107.0	EP		17:04	20.40				-0.05
WLF1	HN	107.0	IAML		17:04	33.97		3	0.14	
WLF1	HE	107.0	IAML		17:04	34.18		2	0.20	
HLM1	HN	108.0	ES		17:04	33.26				-0.11
HLM1	HN	108.0	IAML		17:04	34.14		4	0.16	
HLM1	HE	108.0	IAML		17:04	34.49		4	0.18	
WPS	HZ	112.0	EP		17:04	21.27				0.15
WPS	HN	112.0	IAML		17:04	35.70		3	0.33	
WPS	HE	112.0	IAML		17:04	35.80		2	0.07	
KESW	HZ	124.0	EP		17:04	22.80				-0.03

October 29 2022 Time: 02:19 57.7 UTC Magnitude: 0.3 ML
Lat: 55.873 Lon: -4.913 Depth: 6.4 km
Grid Ref: 217.77 kmE 668.26 kmN RMS: 0.20 secs
Locality: WEMYSS BAY,INVERCLYDE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
PGB1	HZ	27.7	EP			02:20	03.16			0.22
PGB1	HN	27.7	ES			02:20	06.81			0.04
PGB1	HN	27.7	IAML			02:20	06.88	13	0.10	
PGB1	HE	27.7	IAML			02:20	07.01	4	0.17	
EAB	HZ	50.2	EP			02:20	06.58			0.14
EAB	HN	50.2	ES			02:20	12.56			-0.27
EAB	HN	50.2	IAML			02:20	13.14	2	0.30	
EAB	HE	50.2	IAML			02:20	13.74	2	0.09	
LAWE	HZ	52.6	EP			02:20	07.14			0.36
LAWE	HN	52.6	ES			02:20	13.11			-0.32
LAWE	HE	52.6	IAML			02:20	13.35	1	0.15	
LAWE	HN	52.6	IAML			02:20	13.40	2	0.34	
INVG	HZ	82.0	EP			02:20	11.33			-0.03
INVG	HE	82.0	IAML			02:20	24.88	1	0.11	
INVG	HN	82.0	IAML			02:20	24.89	1	0.08	
NEWG	HN	94.6	ES			02:20	24.32			-0.36
NEWG	HE	94.6	IAML			02:20	24.50	2	0.11	
NEWG	HN	94.6	IAML			02:20	26.68	2	0.17	
ESK	HZ	124.0	EP			02:20	18.22			0.31
ESK	HN	124.0	ES			02:20	32.76			0.09
ESK	HE	124.0	IAML			02:20	33.53	0	0.07	
ESK	HN	124.0	IAML			02:20	34.39	1	0.24	

October 31 2022 Time: 01:32 14.9 UTC Magnitude: 0.7 ML
Lat: 52.390 Lon: -2.261 Depth: 8.0 km
Grid Ref: 382.24 kmE 276.96 kmN RMS: 0.20 secs
Locality: KIDDERMINSTER,WORCS
Velocity model: Lownet Xnear: 75.0 Xfar: 150.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
HLM1	HZ	44.5	EP			01:32	22.68			0.01
HLM1	HN	44.5	ES			01:32	28.33			-0.05
HLM1	HE	44.5	IAML			01:32	28.40	9	0.22	
HLM1	HN	44.5	IAML			01:32	28.53	7	0.09	
MCH1	HZ	66.7	EP			01:32	25.79			-0.28
MCH1	HN	66.7	ES			01:32	33.92			-0.34
MCH1	HN	66.7	IAML			01:32	34.24	4	0.58	
MCH1	HE	66.7	IAML			01:32	36.27	2	0.11	
STRD	HZ	68.6	EP			01:32	26.76			0.39
STRD	HN	68.6	ES			01:32	35.00			0.22
STRD	HE	68.6	IAML			01:32	35.99	5	0.16	
STRD	HN	68.6	IAML			01:32	36.49	6	0.36	
MONM	HZ	71.6	EP			01:32	26.92			0.09
MONM	HN	71.6	ES			01:32	35.56			-0.02
MONM	HN	71.6	IAML			01:32	35.80	4	0.30	
MONM	HE	71.6	IAML			01:32	37.41	3	0.11	
CWF	HZ	75.4	EP			01:32	27.20			-0.23
CWF	HN	75.4	ES			01:32	36.38			-0.23
CWF	HN	75.4	IAML			01:32	40.11	1	0.09	
CWF	HE	75.4	IAML			01:32	40.41	1	0.18	
STNC	HE	78.2	ES			01:32	37.52			0.17
STNC	HN	78.2	IAML			01:32	39.31	5	0.14	
STNC	HE	78.2	IAML			01:32	39.38	6	0.20	
FOEL	HZ	84.4	EP			01:32	28.93			0.06
FOEL	HN	84.4	ES			01:32	39.36			0.25
LBWR	HZ	118.0	EP			01:32	34.38			0.28
LBWR	HN	118.0	IAML			01:32	49.09	4	0.54	
LBWR	HE	118.0	IAML			01:32	49.50	3	0.60	

October 31 2022 Time: 17:26 35.7 UTC Magnitude: 1.3 ML
Lat: 57.001 Lon: -4.744 Depth: 4.5 km
Grid Ref: 233.35 kmE 793.31 kmN RMS: 0.40 secs
Locality: KILFINNAN,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
GVIE	HZ	15.7	EP			17:26	38.93			-0.09
GVIE	HN	15.7	ES			17:26	40.99			-0.43
GVIE	HN	15.7	IAML			17:26	41.57	25	0.08	
GVIE	HE	15.7	IAML			17:26	41.72	25	0.09	
KPL	HZ	66.6	IP		C	17:26	47.11			-0.01
KPL	HN	66.6	ES			17:26	55.28			-0.15
KPL	HE	66.6	IAML			17:26	58.76	15	0.18	
KPL	HN	66.6	IAML			17:26	58.98	10	0.15	
PITL	HZ	72.7	EP			17:26	48.29			0.15
PITL	HN	72.7	ES			17:26	56.67			-0.52
PITL	HN	72.7	IAML			17:27	00.87	18	0.08	
PITL	HE	72.7	IAML			17:27	01.35	26	0.05	
INVG	HZ	76.9	EP			17:26	48.90			0.13
INVG	HN	76.9	ES			17:26	57.92			-0.37
INVG	HN	76.9	IAML			17:27	02.29	8	0.09	
INVG	HE	76.9	IAML			17:27	02.39	12	0.18	
LAWE	HZ	91.8	EP			17:26	51.13			0.08
LAWE	HE	91.8	ES			17:27	01.95			-0.28
LAWE	HE	91.8	IAML			17:27	03.21	6	0.18	
LAWE	HN	91.8	IAML			17:27	05.12	7	0.06	
EAB	HZ	93.8	IP		C	17:26	51.83			0.43
EAB	HN	93.8	IAML			17:27	06.22	14	0.12	
EAB	HE	93.8	IAML			17:27	06.57	9	0.12	
MCD	HZ	111.0	EP			17:26	54.60			0.59
MCD	HN	111.0	IAML			17:27	09.29	7	0.21	
MCD	HE	111.0	IAML			17:27	10.78	6	0.25	
TARL	HZ	115.0	EP			17:26	55.20			0.54
TARL	HE	115.0	IAML			17:27	11.26	36	0.13	
TARL	HN	115.0	IAML			17:27	11.46	26	0.08	
LINV	HZ	130.0	IP		C	17:26	56.74			-0.27
LINV	HE	130.0	IAML			17:27	14.29	4	0.29	
LINV	HN	130.0	IAML			17:27	15.01	3	0.22	
DRUM	HZ	138.0	EP			17:26	58.93			0.86
DRUM	HE	138.0	IAML			17:27	17.36	13	0.10	
DRUM	HN	138.0	IAML			17:27	17.82	12	0.28	

November 3 2022 Time: 08:34 06.3 UTC Magnitude: 0.3 ML
Lat: 54.320 Lon: -3.227 Depth: 7.6 km
Grid Ref: 320.20 kmE 492.31 kmN RMS: 0.20 secs
Locality: ULPHA,CUMBRIA
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AP12	HZ	2.8	IP		D	08:34	08.03			0.08
AP12	HN	2.8	ES			08:34	09.08			-0.07
AP12	HN	2.8	IAML			08:34	09.18	12	0.10	
AP12	HE	2.8	IAML			08:34	09.21	23	0.10	
KESW	HZ	30.9	EP			08:34	12.23			0.25
KESW	HN	30.9	ES			08:34	16.14			0.01
KESW	HN	30.9	IAML			08:34	16.46	2	0.27	
KESW	HE	30.9	IAML			08:34	16.50	5	0.40	
AQ12	HZ	33.5	IP		C	08:34	12.27			-0.14
AQ12	HE	33.5	ES			08:34	16.60			-0.26
AQ12	HN	33.5	IAML			08:34	17.42	4	0.14	
AQ12	HE	33.5	IAML			08:34	17.85	2	0.07	
AR09	HZ	52.3	EP			08:34	15.75			0.41
AR09	HN	52.3	ES			08:34	21.84			-0.10
AS07	HE	84.3	ES			08:34	30.47			-0.02
AS07	HE	84.3	IAML			08:34	30.76	2	0.10	
AS07	HN	84.3	IAML			08:34	31.29	3	0.18	
IOMK	HN	87.4	ES			08:34	31.09			-0.17
IOMK	HN	87.4	IAML			08:34	32.06	1	0.13	
IOMK	HE	87.4	IAML			08:34	32.61	2	0.22	

November 3 2022 Time: 15:29 34.1 UTC Magnitude: 0.6 ML
Lat: 56.407 Lon: -4.285 Depth: 3.7 km
Grid Ref: 259.02 kmE 726.19 kmN RMS: 0.20 secs
Locality: LOCHEARNHEAD,STIRLING
Velocity model: Lownet Xnear: 75.0 Xfar: 150.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
INVG	HZ	15.1	IP		C	15:29	37.18			0.05
INVG	HN	15.1	ES			15:29	39.09			-0.29
INVG	HE	15.1	IAML			15:29	39.32	14	0.18	
INVG	HN	15.1	IAML			15:29	39.32	12	0.08	
EAB	HZ	24.5	EP			15:29	38.96			0.24
EAB	HN	24.5	ES			15:29	42.05			-0.08
EAB	HN	24.5	IAML			15:29	42.26	6	0.10	
EAB	HE	24.5	IAML			15:29	42.27	7	0.13	
PITL	HZ	62.4	EP			15:29	45.03			0.12

TABLE 2 : PHASE DATA

PITL	HN	62.4	IAML		15:29	55.30	5	0.11	
PITL	HE	62.4	IAML		15:29	59.56	5	0.03	
LAWE	HZ	70.8	EP		15:29	46.36			0.20
LAWE	HN	70.8	ES		15:29	54.70			-0.30
LAWE	HN	70.8	IAML		15:29	58.90	4	0.11	
LAWE	HE	70.8	IAML		15:29	59.10	5	0.10	
DRUM	HZ	124.0	EP		15:29	54.98			0.58
DRUM	HN	124.0	IAML		15:30	12.81	3	0.13	
DRUM	HE	124.0	IAML		15:30	13.04	4	0.26	

November 3 2022 Time: 23:56 57.3 UTC Magnitude: 1.4 ML
Lat: 57.146 Lon: -5.562 Depth: 3.8 km
Grid Ref: 184.54 kmE 811.73 kmN RMS: 0.20 secs
Locality: ARNISDALE,HIGHLAND
Velocity model: Lownet Xnear: 150.0 Xfar: 300.0
Comment: FELT ARNISDALE Intensity: 2

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	22.2	IP		C	23:57	01.65			0.15
KPL	HN	22.2	ES			23:57	04.49			-0.10
KPL	HN	22.2	IAML			23:57	04.75	83	0.14	
KPL	HE	22.2	IAML			23:57	04.78	110	0.20	
GVIE	HZ	60.9	EP			23:57	07.52			-0.41
GVIE	HE	60.9	IAML			23:57	21.49	12	0.24	
GVIE	HN	60.9	IAML			23:57	21.75	13	0.27	
LAWE	HZ	99.1	EP			23:57	13.50			-0.25
LAWE	HE	99.1	IAML			23:57	28.25	31	0.10	
LAWE	HN	99.1	IAML			23:57	28.67	30	0.12	
LINV	HE	114.0	IAML			23:57	32.86	9	0.20	
LINV	HN	114.0	IAML			23:57	33.15	5	0.14	
INVG	HZ	123.0	EP			23:57	17.36			-0.04
INVG	HN	123.0	IAML			23:57	34.26	4	0.12	
INVG	HE	123.0	IAML			23:57	35.32	5	0.18	
PITL	HZ	125.0	EP			23:57	18.04			0.25
PITL	HN	125.0	IAML			23:57	34.28	9	0.11	
PITL	HE	125.0	IAML			23:57	34.29	12	0.14	
EAB	HZ	130.0	EP			23:57	18.98			0.36
EAB	HN	130.0	IAML			23:57	35.80	13	0.28	
EAB	HE	130.0	IAML			23:57	35.98	7	0.22	
MCD	HZ	147.0	EP			23:57	20.99			-0.03
MCD	HE	147.0	IAML			23:57	40.35	7	0.30	
MCD	HN	147.0	IAML			23:57	41.07	10	0.50	
TARL	HZ	163.0	EP			23:57	23.37			0.11
TARL	HE	163.0	IAML			23:57	44.08	10	0.10	
TARL	HN	163.0	IAML			23:57	45.48	8	0.26	
ESK	HZ	251.0	EP			23:57	34.12			-0.27
ESK	HN	251.0	IAML			23:58	03.11	2	0.10	
ESK	HE	251.0	IAML			23:58	03.44	2	0.14	

November 4 2022 Time: 14:34 27.1 UTC Magnitude: 0.8 ML
Lat: 57.158 Lon: -5.608 Depth: 7.1 km
Grid Ref: 181.83 kmE 813.21 kmN RMS: 0.10 secs
Locality: ARNISDALE,HIGHLAND
Velocity model: Lownet Xnear: 150.0 Xfar: 300.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	20.4	EP			14:34	31.15			0.07
KPL	HN	20.4	ES			14:34	33.98			-0.04
KPL	HN	20.4	IAML			14:34	34.27	17	0.12	
KPL	HE	20.4	IAML			14:34	34.37	24	0.24	
LAWE	HZ	101.0	EP			14:34	43.42			-0.16
LAWE	HE	101.0	IAML			14:34	57.76	6	0.12	
LAWE	HN	101.0	IAML			14:34	58.17	6	0.18	
LINV	HN	113.0	ES			14:34	58.86			-0.00
LINV	HE	113.0	IAML			14:35	01.11	2	0.22	
LINV	HN	113.0	IAML			14:35	02.70	2	0.12	
INVG	HZ	126.0	IP		D	14:34	47.46			0.04
INVG	HN	126.0	IAML			14:35	02.58	1	0.20	
INVG	HE	126.0	IAML			14:35	02.89	2	0.22	
PITL	HZ	128.0	EP			14:34	47.64			-0.15
PITL	HE	128.0	IAML			14:35	04.26	3	0.10	
PITL	HN	128.0	IAML			14:35	06.41	2	0.10	
EAB	HZ	133.0	EP			14:34	48.75			0.24
EAB	HN	133.0	IAML			14:35	05.35	2	0.21	
EAB	HE	133.0	IAML			14:35	05.46	2	0.23	

November 5 2022 Time: 10:20 02.5 UTC Magnitude: 1.8 ML
Lat: 51.424 Lon: -1.469 Depth: 16.1 km
Grid Ref: 436.92 kmE 169.63 kmN RMS: 0.30 secs
Locality: EDDINGTON,BERKSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
WOL	BZ	21.1	EP			10:20	06.70			-0.34
WOL	BN	21.1	ES			10:20	10.29			-0.10
WOL	BN	21.1	IAML			10:20	10.71	185	0.09	
WOL	BE	21.1	IAML			10:20	11.00	298	0.26	
SWN1	HZ	25.1	IP		D	10:20	07.60			0.01
SWN1	HE	25.1	ES			10:20	11.90			0.57
SWN1	HE	25.1	IAML			10:20	12.42	223	0.20	
SWN1	HN	25.1	IAML			10:20	12.96	174	0.10	
STRD	HZ	62.0	EP			10:20	12.88			-0.19
STRD	HN	62.0	ES			10:20	20.77			-0.04
STRD	HN	62.0	IAML			10:20	21.47	55	0.20	
STRD	HE	62.0	IAML			10:20	21.79	97	0.11	
OLDB	HZ	79.5	EP			10:20	15.43			-0.22
OLDB	HE	79.5	ES			10:20	25.18			-0.10
BRDL	HE	87.9	ES			10:20	27.84			0.46
BRDL	HN	87.9	IAML			10:20	28.22	72	0.37	
BRDL	HE	87.9	IAML			10:20	29.62	66	0.43	
MONM	HZ	103.0	EP			10:20	19.15			0.06
MONM	HE	103.0	IAML			10:20	32.19	16	0.13	
MONM	HN	103.0	IAML			10:20	33.66	19	0.28	
MCH1	HZ	124.0	EP			10:20	22.13			0.16
MCH1	HN	124.0	IAML			10:20	37.71	25	0.09	
MCH1	HE	124.0	IAML			10:20	37.77	26	0.14	
CWF	HZ	147.0	EP			10:20	24.73			-0.56
CWF	HE	147.0	ES			10:20	42.00			0.05
CWF	HN	147.0	IAML			10:20	43.06	8	0.08	
CWF	HE	147.0	IAML			10:20	43.28	13	0.07	
HLM1	HZ	156.0	EP			10:20	26.14			-0.41
HLM1	HN	156.0	IAML			10:20	45.44	7	0.15	
HLM1	HE	156.0	IAML			10:20	47.06	8	0.11	
ELSH	HZ	184.0	EP			10:20	31.01			0.97
FOEL	HZ	202.0	EP			10:20	32.25			-0.03
WACR	HZ	204.0	EP			10:20	33.40			0.90
DYA	HE	205.0	IAML			10:21	03.44	5	0.17	
DYA	HN	205.0	IAML			10:21	05.89	6	0.28	

November 6 2022 Time: 21:10 49.3 UTC Magnitude: 1.1 ML
Lat: 51.921 Lon: -6.807 Depth: 5.0 km
Grid Ref: 69.54 kmE 235.69 kmN RMS: 0.30 secs
Locality: CELTIC SEA
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 43KM SSE WATERFORD

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
IWEX	HZ	50.4	EP			21:10	58.10			-0.03
IWEX	HN	50.4	ES			21:11	04.40			-0.20
RSBS	HZ	142.0	EP			21:11	12.00			-0.16
RSBS	HN	142.0	ES			21:11	28.85			-0.02
RSBS	HN	142.0	IAML			21:11	29.60	4	0.08	
RSBS	HE	142.0	IAML			21:11	30.34	3	0.10	
DSB	HZ	150.0	EP			21:11	13.74			0.45
DSB	HN	150.0	ES			21:11	31.57			0.74
DSB	HE	150.0	IAML			21:11	32.07	4	0.35	
DSB	HN	150.0	IAML			21:11	32.89	4	0.34	

November 8 2022 Time: 15:51 25.2 UTC Magnitude: 0.9 ML
Lat: 56.978 Lon: -5.559 Depth: 8.2 km
Grid Ref: 183.75 kmE 793.04 kmN RMS: 0.40 secs
Locality: LOCH NEVIS,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	40.6	IP		C	15:51	32.58			0.27
KPL	HN	40.6	ES			15:51	37.20			-0.33
KPL	HE	40.6	IAML			15:51	37.57	9	0.29	
KPL	HN	40.6	IAML			15:51	37.69	6	0.39	
LAWE	HZ	80.5	EP			15:51	38.70			0.17
LAWE	HE	80.5	ES			15:51	47.81			-0.46
LAWE	HN	80.5	IAML			15:51	52.00	4	0.21	
LAWE	HE	80.5	IAML			15:51	52.18	4	0.13	
INVG	HZ	111.0	EP			15:51	43.42			0.11
INVG	HN	111.0	ES			15:51	56.03			-0.52
INVG	HN	111.0	IAML			15:51	58.20	4	0.14	
INVG	HE	111.0	IAML			15:51	58.70	4	0.06	
EAB	HZ	116.0	EP			15:51	44.68			0.70
EAB	HE	116.0	ES			15:51	57.87			0.16
EAB	HE	116.0	IAML			15:51	59.49	5	0.28	
EAB	HN	116.0	IAML			15:51	59.95	4	0.07	
PITL	HZ	121.0	EP			15:51	45.02			0.21
PITL	HN	121.0	IAML			15:52	01.64	4	0.06	
PITL	HE	121.0	IAML			15:52	03.71	3	0.05	
LINV	HE	132.0	ES			15:52	01.63			-0.16
LINV	HE	132.0	IAML			15:52	03.02	2	0.35	
LINV	HN	132.0	IAML			15:52	06.62	1	0.14	

November 12 2022 Time: 02:08 03.6 UTC Magnitude: 0.4 ML
Lat: 52.120 Lon: -2.324 Depth: 12.6 km
Grid Ref: 377.82 kmE 246.95 kmN RMS: 0.10 secs
Locality: MALVERN,WORCESTERSHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
STRD	HZ	39.8	EP			02:08	10.74			0.04
STRD	HE	39.8	ES			02:08	15.84			-0.06
STRD	HE	39.8	IAML			02:08	16.61	6	0.09	
STRD	HN	39.8	IAML			02:08	16.93	5	0.16	
MONM	HZ	45.4	IP		C	02:08	11.56			0.02
MONM	HN	45.4	ES			02:08	17.56			0.21
MONM	HE	45.4	IAML			02:08	17.71	3	0.14	
MONM	HN	45.4	IAML			02:08	17.85	5	0.16	
MCH1	HZ	48.2	EP			02:08	11.88			-0.10
MCH1	HE	48.2	ES			02:08	17.96			-0.16
MCH1	HN	48.2	IAML			02:08	18.14	10	0.14	
MCH1	HE	48.2	IAML			02:08	18.14	5	0.06	
HLM1	HZ	58.3	IP		D	02:08	13.51			-0.07
HLM1	HE	58.3	ES			02:08	21.00			0.11
HLM1	HE	58.3	IAML			02:08	22.69	1	0.29	
HLM1	HN	58.3	IAML			02:08	25.54	1	0.25	
CWF	HZ	97.6	EP			02:08	19.60			0.02

November 13 2022 Time: 19:56 46.9 UTC Magnitude: 0.6 ML

TABLE 2 : PHASE DATA

Lat: 52.028 Lon: -2.823 Depth: 4.3 km
Grid Ref: 343.54 kmE 236.99 kmN RMS: 0.10 secs
Locality: CLEHONGER,HEREF
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
MCH1	HZ	12.5	IP		D	19:56	49.58			0.06
MCH1	HN	12.5	ES			19:56	51.55			0.10
MCH1	HN	12.5	IAML			19:56	51.63	91	0.08	
MCH1	HE	12.5	IAML			19:56	51.66	36	0.10	
MONM	HZ	21.0	EP			19:56	50.90			-0.04
MONM	HN	21.0	ES			19:56	53.83			-0.08
MONM	HE	21.0	IAML			19:56	53.97	14	0.12	
MONM	HN	21.0	IAML			19:56	54.13	5	0.14	
OLDB	HZ	45.0	EP			19:56	54.71			-0.20
STRD	HE	53.4	ES			19:57	03.32			0.22
HLM1	HZ	54.7	EP			19:56	56.51			0.01
HLM1	HN	54.7	ES			19:57	03.47			-0.06
HLM1	HE	54.7	IAML			19:57	03.75	3	0.25	
HLM1	HN	54.7	IAML			19:57	04.36	2	0.27	
CWF	HN	130.0	IAML			19:57	25.78	1	0.08	
CWF	HE	130.0	IAML			19:57	26.07	2	0.08	
RSBS	HZ	132.0	EP			19:57	08.44			-0.02
RSBS	HE	132.0	IAML			19:57	25.57	2	0.09	
RSBS	HN	132.0	IAML			19:57	25.83	2	0.09	

November 14 2022 Time: 16:14 41.4 UTC Magnitude: 1.3 ML
Lat: 53.863 Lon: -2.316 Depth: 12.7 km
Grid Ref: 379.22 kmE 440.82 kmN RMS: 0.20 secs
Locality: BARLEY,LANCASHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 3KM WEST BARLEY

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AR07	HZ	17.5	IP		D	16:14	45.37			0.11
AR07	HN	17.5	ES			16:14	48.29			0.22
AR07	HE	17.5	IAML			16:14	48.79	93	0.17	
AR07	HN	17.5	IAML			16:14	48.89	131	0.25	
AR01	HZ	18.0	EP			16:14	45.59			0.26
AR01	HE	18.0	ES			16:14	48.15			-0.04
AR01	HN	18.0	IAML			16:14	48.70	107	0.13	
AR01	HE	18.0	IAML			16:14	48.96	79	0.17	
AR05	HZ	24.2	IP		C	16:14	46.30			0.10
AR05	HE	24.2	ES			16:14	49.97			0.26
AR05	HN	24.2	IAML			16:14	50.30	87	0.22	
AR05	HE	24.2	IAML			16:14	50.67	98	0.29	
AQ10	HZ	34.1	EP			16:14	47.55			-0.07
AQ10	HN	34.1	ES			16:14	51.86			-0.31
AS02	HZ	40.7	EP			16:14	48.62			-0.07
AS02	HE	40.7	ES			16:14	53.80			-0.20
AS02	HN	40.7	IAML			16:14	54.05	15	0.12	
AS02	HE	40.7	IAML			16:14	54.12	20	0.11	
AR09	HZ	41.2	EP			16:14	48.54			-0.25
AR09	HE	41.2	IAML			16:14	54.11	53	0.12	
AR09	HN	41.2	IAML			16:14	55.40	45	0.08	
HPK	HZ	46.7	EP			16:14	49.58			-0.01
HPK	HE	46.7	IAML			16:14	57.72	20	0.16	
HPK	HN	46.7	IAML			16:14	57.75	24	0.20	
AS07	HZ	50.0	EP			16:14	49.97			-0.16
AS07	HN	50.0	ES			16:14	55.89			-0.62
AS07	HE	50.0	IAML			16:14	56.07	30	0.10	
AS07	HN	50.0	IAML			16:14	56.26	21	0.09	
LBWR	HZ	64.6	EP			16:14	52.25			-0.11
LBWR	HE	64.6	IAML			16:15	02.65	13	0.06	
LBWR	HN	64.6	IAML			16:15	02.66	13	0.13	
AQ12	HZ	69.9	EP			16:14	53.11			-0.09
AQ12	HE	69.9	IAML			16:15	03.48	12	0.08	
AQ12	HN	69.9	IAML			16:15	03.83	7	0.08	
AP12	HZ	79.6	EP			16:14	54.89			0.22
AP12	HN	79.6	IAML			16:15	04.54	13	0.16	
AP12	HE	79.6	IAML			16:15	06.31	15	0.23	
AS10	HN	83.0	ES			16:15	05.30			0.08
AS10	HE	83.0	IAML			16:15	05.57	28	0.22	
AS10	HN	83.0	IAML			16:15	05.59	25	0.16	
AT10	HZ	93.5	EP			16:14	57.14			0.31
AT10	HE	93.5	IAML			16:15	08.77	11	0.26	
AT10	HN	93.5	IAML			16:15	10.51	13	0.22	
KESW	HZ	95.8	EP			16:14	57.25			0.08
KESW	HN	95.8	IAML			16:15	09.89	9	0.25	
KESW	HE	95.8	IAML			16:15	10.13	7	0.14	
EDMD	HZ	110.0	EP			16:14	59.52			0.35
EDMD	HE	110.0	ES			16:15	12.04			-0.11
EDMD	HE	110.0	IAML			16:15	12.76	15	0.20	
EDMD	HN	110.0	IAML			16:15	13.50	17	0.26	
FOEL	HZ	123.0	EP			16:15	01.31			0.18
FOEL	HE	123.0	IAML			16:15	16.70	9	0.36	
FOEL	HN	123.0	IAML			16:15	17.45	14	0.38	
HLM1	HZ	154.0	EP			16:15	05.52			-0.04
HLM1	HN	154.0	IAML			16:15	24.18	4	0.14	
HLM1	HE	154.0	IAML			16:15	24.55	6	0.30	

November 17 2022 Time: 00:57 51.9 UTC Magnitude: 0.2 ML
Lat: 54.377 Lon: -3.168 Depth: 5.7 km
Grid Ref: 324.14 kmE 498.59 kmN RMS: 0.40 secs
Locality: SEATHWAITE,CUMBRIA
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AP12	HZ	9.8	IP		C	00:57	54.40			0.19
AP12	HE	9.8	ES			00:57	55.98			0.11
AP12	HN	9.8	IAML			00:57	56.05	10	0.09	
AP12	HE	9.8	IAML			00:57	56.07	11	0.12	
KESW	HZ	23.9	EP			00:57	56.65			0.10
KESW	HE	23.9	ES			00:57	59.88			-0.04
KESW	HE	23.9	IAML			00:58	00.15	4	0.22	
KESW	HN	23.9	IAML			00:58	00.20	2	0.16	
AQ12	HZ	27.9	IP		D	00:57	57.13			-0.10
AQ12	HN	27.9	ES			00:58	00.49			-0.60
AQ12	HN	27.9	IAML			00:58	01.22	3	0.04	
AQ12	HE	27.9	IAML			00:58	01.73	4	0.07	
IOMK	HN	91.9	ES			00:58	17.86			-0.45
EDMD	HZ	92.9	EP			00:58	08.10			0.79
EDMD	HN	92.9	IAML			00:58	20.90	2	0.12	
EDMD	HE	92.9	IAML			00:58	21.41	2	0.20	

November 18 2022 Time: 18:23 30.0 UTC Magnitude: 0.7 ML
Lat: 54.249 Lon: -3.859 Depth: 14.7 km
Grid Ref: 278.89 kmE 485.31 kmN RMS: 0.30 secs
Locality: IRISH SEA
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 30KM WSW RAVENGLASS

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AP12	HZ	39.2	IP		C	18:23	37.07			-0.06
AP12	HN	39.2	ES			18:23	41.95			-0.37
AP12	HN	39.2	IAML			18:23	42.34	7	0.25	
AP12	HE	39.2	IAML			18:23	43.26	6	0.07	
IOMK	HZ	46.1	EP			18:23	38.37			0.21
IOMK	HE	46.1	ES			18:23	44.05			-0.05
IOMK	HE	46.1	IAML			18:23	44.58	7	0.09	
IOMK	HN	46.1	IAML			18:23	44.70	10	0.15	
KESW	HZ	61.9	IP		D	18:23	40.68			0.08
KESW	HE	61.9	ES			18:23	48.10			-0.22
KESW	HE	61.9	IAML			18:23	48.60	5	0.17	
KESW	HN	61.9	IAML			18:23	48.61	5	0.25	
AQ12	HZ	75.0	EP			18:23	42.50			-0.14
AQ12	HN	75.0	IAML			18:23	52.51	8	0.10	
AQ12	HE	75.0	IAML			18:23	53.10	6	0.09	
AQ10	HE	77.1	ES			18:23	52.64			0.36
GAL1	HZ	88.1	EP			18:23	44.51			-0.04
GAL1	HE	88.1	ES			18:23	55.02			-0.13
GAL1	HE	88.1	IAML			18:23	55.81	2	0.13	
GAL1	HN	88.1	IAML			18:23	55.98	3	0.12	
AR09	HZ	92.5	EP			18:23	45.72			0.47
AR09	HN	92.5	ES			18:23	56.30			-0.07
NEWG	HZ	99.6	EP			18:23	46.79			0.59
NEWG	HE	99.6	ES			18:23	57.83			-0.17
NEWG	HN	99.6	IAML			18:23	59.18	2	0.11	
NEWG	HE	99.6	IAML			18:23	59.18	3	0.10	
WLF1	HN	112.0	ES			18:24	00.62			-0.53
ESK	HZ	126.0	EP			18:23	49.93			-0.08

November 21 2022 Time: 07:21 07.8 UTC Magnitude: 1.0 ML
Lat: 51.871 Lon: -2.451 Depth: 10.7 km
Grid Ref: 368.95 kmE 219.30 kmN RMS: 0.10 secs
Locality: LONGHOPE,GLOS
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
STRD	HZ	22.5	EP			07:21	12.41			0.20
STRD	HE	22.5	ES			07:21	15.32			-0.14
STRD	HN	22.5	IAML			07:21	16.14	45	0.18	
STRD	HE	22.5	IAML			07:21	16.49	47	0.19	
OLDB	HZ	24.3	EP			07:21	12.39			-0.06
MONM	HZ	24.6	IP		C	07:21	12.52			0.01
MONM	HE	24.6	ES			07:21	16.09			0.12
MONM	HN	24.6	IAML			07:21	16.28	16	0.15	
MONM	HE	24.6	IAML			07:21	16.47	10	0.09	
MCH1	HZ	40.2	EP			07:21	14.82			-0.09
MCH1	HE	40.2	ES			07:21	20.02			-0.10
MCH1	HN	40.2	IAML			07:21	20.19	28	0.14	
MCH1	HE	40.2	IAML			07:21	20.26	13	0.15	
HLM1	HZ	77.8	EP			07:21	20.83			0.06

November 26 2022 Time: 08:47 27.3 UTC Magnitude: 1.7 ML
Lat: 53.298 Lon: -2.094 Depth: 5.8 km
Grid Ref: 393.74 kmE 377.93 kmN RMS: 0.20 secs
Locality: BOLLINGTON,CHESHIRE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
STNC	HZ	24.2	EP			08:47	32.11			0.19
STNC	HE	24.2	ES			08:47	35.55			0.24
STNC	HE	24.2	IAML			08:47	36.19	133	0.16	
STNC	HN	24.2	IAML			08:47	36.42	94	0.26	
LBWR	HZ	27.1	IP		C	08:47	32.35			-0.10
LBWR	HN	27.1	ES			08:47	35.99			-0.23
LBWR	HE	27.1	IAML			08:47	36.24	137	0.10	
LBWR	HN	27.1	IAML			08:47	36.27	121	0.13	
AS02	HZ	29.4	EP			08:47	32.81			-0.01
AS02	HN	29.4	ES			08:47	36.75			-0.11
AS02	HN	29.4	IAML			08:47	37.06	180	0.10	
AS02	HE	29.4	IAML			08:47	37.79	261	0.30	
AR01	HN	48.0	ES			08:47	41.76			-0.15

TABLE 2 : PHASE DATA

AR01	HE	48.0	IAML		08:47	42.11	33	0.14	
AR01	HN	48.0	IAML		08:47	42.13	45	0.18	
AR05	HZ	77.3	EP		08:47	40.36			0.08
AR05	HN	77.3	IAML		08:47	52.69	36	0.14	
AR05	HE	77.3	IAML		08:47	53.74	20	0.10	
HPK	HZ	79.8	EP		08:47	41.12			0.46
HPK	HN	79.8	IAML		08:47	52.08	61	0.22	
HPK	HE	79.8	IAML		08:47	53.50	46	0.36	
FOEL	HZ	86.9	EP		08:47	41.48			-0.32
FOEL	HN	86.9	IAML		08:47	55.00	23	0.20	
FOEL	HE	86.9	IAML		08:47	55.01	23	0.22	
HLM1	HZ	102.0	EP		08:47	43.65			-0.43
HLM1	HE	102.0	IAML		08:47	56.95	19	0.24	
HLM1	HN	102.0	IAML		08:47	58.33	11	0.26	
AR09	HZ	106.0	EP		08:47	45.02			0.29
AR09	HE	106.0	IAML		08:47	59.11	75	0.34	
AR09	HN	106.0	IAML		08:47	59.85	68	0.36	
AQ12	HZ	134.0	EP		08:47	48.95			-0.05
AQ12	HN	134.0	IAML		08:48	05.81	6	0.22	
AQ12	HE	134.0	IAML		08:48	05.94	12	0.11	
AT10	HZ	134.0	EP		08:47	49.21			0.25
AT10	HE	134.0	IAML		08:48	06.51	46	0.28	
AT10	HN	134.0	IAML		08:48	07.47	28	0.22	
MCH1	HN	157.0	ES		08:48	10.68			0.17
MCH1	HE	157.0	IAML		08:48	11.61	17	0.34	
MCH1	HN	157.0	IAML		08:48	11.90	18	0.40	

November 26 2022 Time: 10:47 51.6 UTC Magnitude: 1.2 ML
Lat: 57.597 Lon: -5.457 Depth: 2.6 km
Grid Ref: 193.44 kmE 861.57 kmN RMS: 0.20 secs
Locality: TORRIDON,HIGHLAND
Velocity model: Lownet Xnear: 150.0 Xfar: 300.0
Comment: 6KM NNE TORRIDON

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	31.0	EP		10:47	57.37			0.10
KPL	HE	31.0	ES		10:48	01.10			-0.34
KPL	HE	31.0	IAML		10:48	01.28	36	0.30	
KPL	HN	31.0	IAML		10:48	01.29	21	0.22	
LINV	HZ	63.1	EP		10:48	02.65			0.12
LINV	HN	63.1	ES		10:48	10.40			-0.14
LINV	HN	63.1	IAML		10:48	16.40	5	0.10	
LINV	HE	63.1	IAML		10:48	16.72	7	0.08	
MCD	HZ	132.0	EP		10:48	13.19			-0.02
MCD	HE	132.0	IAML		10:48	29.86	15	0.24	
MCD	HN	132.0	IAML		10:48	31.06	12	0.42	
BIGH	HZ	135.0	EP		10:48	13.68			-0.00
BIGH	HN	135.0	IAML		10:48	32.01	5	0.16	
BIGH	HE	135.0	IAML		10:48	33.82	4	0.22	
PITL	HZ	142.0	EP		10:48	14.27			-0.42
PITL	HE	142.0	IAML		10:48	32.31	5	0.07	
PITL	HN	142.0	IAML		10:48	33.34	3	0.08	
LAWE	HZ	149.0	EP		10:48	15.97			0.32
LAWE	HN	149.0	IAML		10:48	35.02	9	0.16	
LAWE	HE	149.0	IAML		10:48	35.32	10	0.28	
INVG	HZ	156.0	EP		10:48	16.75			0.06
INVG	HE	156.0	IAML		10:48	35.50	5	0.37	
INVG	HN	156.0	IAML		10:48	36.20	2	0.19	
EAB	HZ	171.0	EP		10:48	19.27			0.44
EAB	HN	171.0	IAML		10:48	39.69	4	0.19	
EAB	HE	171.0	IAML		10:48	40.69	4	0.40	

November 27 2022 Time: 08:55 22.0 UTC Magnitude: 1.1 ML
Lat: 56.413 Lon: -5.680 Depth: 2.6 km
Grid Ref: 173.02 kmE 730.59 kmN RMS: 0.20 secs
Locality: MULL,ARGYLL & BUTE
Velocity model: Lownet Xnear: 150.0 Xfar: 300.0

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
LAWE	HZ	24.3	IP	C	08:55	26.49			-0.07
LAWE	HN	24.3	ES		08:55	29.65			-0.26
LAWE	HN	24.3	IAML		08:55	29.77	31	0.09	
LAWE	HE	24.3	IAML		08:55	29.90	30	0.10	
EAB	HZ	86.8	EP		08:55	36.62			-0.02
EAB	HE	86.8	IAML		08:55	48.98	7	0.24	
EAB	HN	86.8	IAML		08:55	49.24	5	0.10	
PGB1	HZ	100.0	EP		08:55	38.94			0.25
PGB1	HE	100.0	IAML		08:55	51.72	5	0.18	
PGB1	HN	100.0	IAML		08:55	51.74	6	0.15	
INVG	HZ	101.0	EP		08:55	38.82			-0.02
INVG	HN	101.0	ES		08:55	51.14			-0.02
INVG	HE	101.0	IAML		08:55	52.42	5	0.09	
INVG	HN	101.0	IAML		08:55	52.56	3	0.16	
KPL	HZ	103.0	EP		08:55	39.09			-0.04
KPL	HN	103.0	ES		08:55	51.51			-0.15
GVIE	HN	103.0	IAML		08:55	54.67	7	0.15	
KPL	HE	103.0	IAML		08:55	54.12	4	0.29	
GVIE	HZ	103.0	EP		08:55	39.12			-0.08
GVIE	HE	103.0	IAML		08:55	53.89	7	0.14	
KPL	HN	103.0	IAML		08:55	54.04	3	0.28	
PITL	HZ	136.0	EP		08:55	44.60			0.40
PITL	HE	136.0	IAML		08:56	02.97	6	0.09	
PITL	HN	136.0	IAML		08:56	03.10	7	0.13	

November 29 2022 Time: 00:30 09.4 UTC Magnitude: 0.5 ML
Lat: 57.593 Lon: -5.456 Depth: 2.6 km
Grid Ref: 193.48 kmE 861.12 kmN RMS: 0.30 secs
Locality: TORRIDON,HIGHLAND
Velocity model: Lownet Xnear: 150.0 Xfar: 300.0
Comment: 6KM NNE TORRIDON

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	30.7	EP		00:30	15.16			0.10
KPL	HN	30.7	ES		00:30	18.88			-0.30
KPL	HE	30.7	IAML		00:30	19.04	6	0.24	
KPL	HN	30.7	IAML		00:30	19.05	3	0.22	
LINV	HZ	63.5	EP		00:30	20.53			0.09
LINV	HN	63.5	ES		00:30	28.20			-0.29
LINV	HN	63.5	IAML		00:30	28.37	1	0.21	
LINV	HE	63.5	IAML		00:30	28.99	2	0.40	
GVIE	HZ	76.9	EP		00:30	22.18			-0.45
GVIE	HE	76.9	IAML		00:30	34.53	2	0.33	
GVIE	HN	76.9	IAML		00:30	34.70	2	0.16	
MCD	HZ	132.0	EP		00:30	30.97			-0.08
MCD	HE	132.0	IAML		00:30	47.74	4	0.32	
MCD	HN	132.0	IAML		00:30	48.85	3	0.56	
BIGH	HZ	136.0	EP		00:30	32.05			0.48
BIGH	HE	136.0	IAML		00:30	49.74	1	0.14	
BIGH	HN	136.0	IAML		00:30	49.93	1	0.28	
LAWE	HN	149.0	ES		00:30	51.40			0.43
LAWE	HN	149.0	IAML		00:30	52.89	2	0.34	
LAWE	HE	149.0	IAML		00:30	53.10	2	0.28	

December 3 2022 Time: 18:27 24.9 UTC Magnitude: 0.4 ML
Lat: 54.219 Lon: -4.272 Depth: 2.6 km
Grid Ref: 251.88 kmE 482.76 kmN RMS: 0.30 secs
Locality: IRISH SEA
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 15KM NE DOUGLAS,IOM

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
IOMK	HZ	19.7	EP		18:27	28.49			-0.23
IOMK	HN	19.7	ES		18:27	31.17			-0.35
IOMK	HN	19.7	IAML		18:27	31.41	11	0.13	
IOMK	HE	19.7	IAML		18:27	31.45	6	0.11	
AP12	HZ	66.2	EP		18:27	35.88			-0.50
AP12	HN	66.2	IAML		18:27	46.59	1	0.13	
AP12	HE	66.2	IAML		18:27	46.61	2	0.31	
GAL1	HZ	77.5	EP		18:27	38.39			0.29
GAL1	HE	77.5	ES		18:27	47.79			0.05
GAL1	HE	77.5	IAML		18:27	50.92	3	0.17	
GAL1	HN	77.5	IAML		18:27	51.57	2	0.22	
KESW	HZ	86.2	EP		18:27	39.35			-0.14
NEWG	HZ	100.0	EP		18:27	42.14			0.54
NEWG	HN	100.0	ES		18:27	53.80			-0.00
NEWG	HN	100.0	IAML		18:27	55.39	1	0.27	
NEWG	HE	100.0	IAML		18:27	55.99	3	0.28	
AQ12	HZ	102.0	EP		18:27	41.81			-0.11
AQ12	HE	102.0	IAML		18:27	54.88	1	0.19	
AQ12	HN	102.0	IAML		18:27	55.29	1	0.12	
WLF1	HZ	104.0	EP		18:27	42.66			0.50
ESK	HZ	140.0	EP		18:27	47.73			-0.02
ESK	HE	140.0	IAML		18:28	05.46	1	0.29	
ESK	HN	140.0	IAML		18:28	05.70	1	0.11	

December 5 2022 Time: 01:48 09.7 UTC Magnitude: 0.9 ML
Lat: 51.047 Lon: -2.709 Depth: 10.7 km
Grid Ref: 350.31 kmE 127.82 kmN RMS: 0.20 secs
Locality: SOMERTON,SOMERSET
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
SWN1	HZ	81.9	EP		01:48	23.42			0.15
STRD	HZ	89.6	EP		01:48	24.72			0.26
STRD	HN	89.6	ES		01:48	34.91			-0.33
STRD	HN	89.6	IAML		01:48	35.51	8	0.41	
STRD	HE	89.6	IAML		01:48	35.79	7	0.13	
MCH1	HZ	108.0	EP		01:48	27.35			0.09
MCH1	HN	108.0	ES		01:48	40.01			-0.07
MCH1	HE	108.0	IAML		01:48	40.39	4	0.22	
MCH1	HN	108.0	IAML		01:48	40.58	2	0.26	
DYA	HZ	110.0	EP		01:48	27.33			-0.26
DYA	HN	110.0	ES		01:48	40.59			-0.07
DYA	HN	110.0	IAML		01:48	42.19	2	0.15	
DYA	HE	110.0	IAML		01:48	42.87	2	0.19	
HTL	HE	125.0	ES		01:48	44.47			0.20
HLM1	HN	164.0	ES		01:48	54.23			0.20
HLM1	HN	164.0	IAML		01:48	55.66	1	0.30	
HLM1	HE	164.0	IAML		01:48	55.78	2	0.63	
RSBS	HZ	174.0	EP		01:48	36.93			0.46
RSBS	HN	174.0	IAML		01:48	58.06	3	0.52	
RSBS	HE	174.0	IAML		01:48	58.97	2	0.29	

December 5 2022 Time: 20:30 25.7 UTC Magnitude: 1.0 ML
Lat: 56.008 Lon: -5.123 Depth: 7.6 km
Grid Ref: 205.32 kmE 683.85 kmN RMS: 0.40 secs
Locality: CRAIGENDIVE,ARGYLL/BUTE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
LAWE	HZ	32.9	IP	C	20:30	31.58			-0.11
LAWE	HE	32.9	ES		20:30	35.87			-0.17
LAWE	HN	32.9	IAML		20:30	36.05	11	0.10	
LAWE	HE	32.9	IAML		20:30	36.13	27	0.12	

TABLE 2 : PHASE DATA

PGB1	HZ	45.6	IP	C	20:30	33.93			0.26
PGB1	HN	45.6	ES		20:30	39.53			0.07
PGB1	HN	45.6	IAML		20:30	40.19	9	0.10	
PGB1	HE	45.6	IAML		20:30	40.45	9	0.11	
EAB	HZ	52.8	IP	C	20:30	34.90			0.09
EAB	HN	52.8	ES		20:30	40.99			-0.45
EAB	HN	52.8	IAML		20:30	42.16	13	0.09	
EAB	HE	52.8	IAML		20:30	42.52	12	0.18	
INVG	HZ	81.6	EP		20:30	39.31			0.04
INVG	HE	81.6	ES		20:30	48.80			-0.35
INVG	HE	81.6	IAML		20:30	50.31	4	0.16	
INVG	HN	81.6	IAML		20:30	50.33	6	0.23	
NEWG	HZ	114.0	EP		20:30	43.85			-0.43
NEWG	HN	114.0	IAML		20:30	58.33	4	0.12	
NEWG	HE	114.0	IAML		20:31	00.17	3	0.13	
CLGH	HE	120.0	ES		20:30	59.03			-0.52
CLGH	HE	120.0	IAML		20:31	00.85	5	0.22	
CLGH	HN	120.0	IAML		20:31	00.96	6	0.11	
GVIE	HZ	127.0	EP		20:30	46.89			0.62
GAL1	HZ	130.0	EP		20:30	47.34			0.72
GAL1	HE	130.0	IAML		20:31	02.55	4	0.45	
GAL1	HN	130.0	IAML		20:31	03.16	3	0.40	
PITL	HZ	130.0	EP		20:30	47.43			0.65
PITL	HE	130.0	IAML		20:31	05.56	4	0.06	
PITL	HN	130.0	IAML		20:31	05.67	4	0.10	
ESK	HZ	143.0	EP		20:30	48.83			0.26
ESK	HN	143.0	IAML		20:31	06.16	2	0.26	
ESK	HE	143.0	IAML		20:31	06.89	2	0.31	
KPL	HZ	152.0	EP		20:30	50.55			0.81
KPL	HN	152.0	IAML		20:31	08.97	1	0.25	
KPL	HE	152.0	IAML		20:31	09.00	2	0.20	

December 7 2022 Time: 00:16 46.8 UTC Magnitude: 1.1 ML
Lat: 51.692 Lon: -4.168 Depth: 12.4 km
Grid Ref: 250.17 kmE 201.53 kmN RMS: 0.10 secs
Locality: LLANELLI,DYFED
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
RSBS	HZ	49.2	EP			00:16	55.44			0.03
RSBS	HN	49.2	ES			00:17	01.67			-0.00
RSBS	HE	49.2	IAML			00:17	01.89	16	0.12	
RSBS	HN	49.2	IAML			00:17	02.45	12	0.10	
HTL	HZ	80.7	EP			00:17	00.49			0.26
HTL	HN	80.7	ES			00:17	09.81			-0.19
HTL	HE	80.7	IAML			00:17	10.86	8	0.14	
HTL	HN	80.7	IAML			00:17	11.01	6	0.12	
MCH1	HZ	87.5	EP			00:17	01.12			-0.18
MCH1	HE	87.5	ES			00:17	11.76			-0.11
MCH1	HN	87.5	IAML			00:17	12.26	7	0.27	
MCH1	HE	87.5	IAML			00:17	12.26	5	0.18	
MONM	HZ	95.6	EP			00:17	02.54			-0.00
MONM	HN	95.6	ES			00:17	14.21			0.20
MONM	HN	95.6	IAML			00:17	14.85	9	0.15	
MONM	HE	95.6	IAML			00:17	15.31	6	0.19	
HLM1	HZ	127.0	EP			00:17	07.15			-0.02
HLM1	HN	127.0	IAML			00:17	23.37	4	0.22	
HLM1	HE	127.0	IAML			00:17	24.45	4	0.20	

December 8 2022 Time: 04:26 52.0 UTC Magnitude: 0.3 ML
Lat: 54.671 Lon: -3.131 Depth: 7.6 km
Grid Ref: 327.07 kmE 531.26 kmN RMS: 0.30 secs
Locality: BASSENTHWAITE,CUMBRIA
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
KESW	HZ	9.3	EP			04:26	54.50			0.15
KESW	HN	9.3	ES			04:26	55.86			-0.23
KESW	HN	9.3	IAML			04:26	56.55	9	0.10	
KESW	HE	9.3	IAML			04:26	56.56	6	0.17	
AQ12	HZ	35.8	EP			04:26	58.33			-0.11
AQ12	HN	35.8	ES			04:27	02.84			-0.31
AQ12	HN	35.8	IAML			04:27	02.98	5	0.09	
AQ12	HE	35.8	IAML			04:27	03.17	5	0.07	
AP12	HZ	41.1	EP			04:26	59.07			-0.16
AP12	HE	41.1	ES			04:27	04.02			-0.50
AP12	HN	41.1	IAML			04:27	04.61	1	0.08	
AP12	HE	41.1	IAML			04:27	04.64	2	0.14	
AR09	HN	66.8	ES			04:27	11.96			0.46
ESK	HZ	72.0	EP			04:27	03.96			-0.07
ESK	HE	72.0	ES			04:27	12.38			-0.44
ESK	HN	72.0	IAML			04:27	12.97	1	0.20	
ESK	HE	72.0	IAML			04:27	13.47	2	0.34	
EDMD	HZ	77.3	EP			04:27	05.25			0.45
EDMD	HE	77.3	ES			04:27	14.08			-0.08
EDMD	HN	77.3	IAML			04:27	14.58	4	0.19	
EDMD	HE	77.3	IAML			04:27	16.97	4	0.18	
NEWG	HZ	86.3	EP			04:27	06.41			0.20
NEWG	HN	86.3	ES			04:27	16.36			-0.24
GAL1	HZ	104.0	EP			04:27	09.21			0.25
GAL1	HN	104.0	IAML			04:27	22.58	1	0.17	
GAL1	HE	104.0	IAML			04:27	22.98	1	0.10	
IOMK	HZ	104.0	EP			04:27	09.55			0.63

December 11 2022 Time: 05:10 52.4 UTC Magnitude: 0.4 ML
Lat: 56.373 Lon: -5.492 Depth: 2.8 km
Grid Ref: 184.39 kmE 725.54 kmN RMS: 0.20 secs
Locality: LERAGS,ARGYLL & BUTE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LAWE	HZ	13.8	EP			05:10	55.18			-0.03
LAWE	HN	13.8	ES			05:10	57.20			-0.08
LAWE	HN	13.8	IAML			05:10	57.36	22	0.14	
LAWE	HE	13.8	IAML			05:10	57.40	20	0.12	
EAB	HZ	74.4	EP			05:11	05.06			-0.08
EAB	HE	74.4	ES			05:11	14.18			-0.27
EAB	HE	74.4	IAML			05:11	17.26	1	0.15	
EAB	HN	74.4	IAML			05:11	17.50	1	0.07	
PGB1	HZ	88.5	EP			05:11	07.67			0.35
INVG	HZ	89.6	EP			05:11	07.71			0.21
INVG	HN	89.6	IAML			05:11	20.54	1	0.25	
INVG	HE	89.6	IAML			05:11	20.99	1	0.14	
GVIE	HE	99.2	ES			05:11	21.33			0.11
KPL	HZ	108.0	EP			05:11	10.05			-0.26
KPL	HN	108.0	IAML			05:11	25.41	1	0.18	
KPL	HE	108.0	IAML			05:11	25.46	2	0.28	

December 11 2022 Time: 22:27 56.8 UTC Magnitude: 1.5 ML
Lat: 53.972 Lon: 0.403 Depth: 4.8 km
Grid Ref: 557.59 kmE 455.58 kmN RMS: 0.20 secs
Locality: SOUTHERN NORTH SEA
Velocity model: North Sea Xnear: 200.0 Xfar: 300.0
Comment: 40KM ESE BRIDLINGTON

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LMK	HZ	74.8	EP			22:28	08.69			-0.20
LMK	HN	74.8	ES			22:28	17.91			0.19
LMK	HN	74.8	IAML			22:28	19.48	29	0.15	
LMK	HE	74.8	IAML			22:28	23.74	26	0.45	
GDLE	HZ	94.0	EP			22:28	11.92			-0.06
GDLE	HN	94.0	ES			22:28	23.32			0.26
GDLE	HE	94.0	IAML			22:28	23.93	24	0.28	
GDLE	HN	94.0	IAML			22:28	25.22	36	0.27	
AT10	HZ	112.0	EP			22:28	14.96			0.04
AT10	HN	112.0	ES			22:28	27.93			-0.22
AT10	HN	112.0	IAML			22:28	29.50	8	0.15	
AT10	HE	112.0	IAML			22:28	29.76	8	0.23	
HPK	HE	133.0	IAML			22:28	34.71	17	0.38	
HPK	HN	133.0	IAML			22:28	35.20	15	0.18	
AT12	HN	138.0	IAML			22:28	37.21	16	0.31	
AT12	HE	138.0	IAML			22:28	41.21	19	0.52	
WACR	HZ	140.0	EP			22:28	18.97			-0.21
WACR	HE	140.0	ES			22:28	35.67			0.15
WACR	HE	140.0	IAML			22:28	37.41	9	0.19	
WACR	HN	140.0	IAML			22:28	38.73	12	0.17	
LBWR	HZ	154.0	EP			22:28	20.62			-0.40
LBWR	HN	154.0	IAML			22:28	41.38	9	0.36	
LBWR	HE	154.0	IAML			22:28	42.42	8	0.22	
AR05	HZ	159.0	EP			22:28	21.46			-0.13
AR05	HN	159.0	ES			22:28	39.58			-0.11
AR05	HE	159.0	IAML			22:28	41.50	11	0.26	
AR05	HN	159.0	IAML			22:28	45.42	8	0.37	
AS02	HZ	164.0	EP			22:28	22.49			0.23
AS02	HN	164.0	IAML			22:28	44.75	4	0.38	
AS02	HE	164.0	IAML			22:28	46.12	3	0.18	
CWF	HZ	178.0	EP			22:28	24.21			0.21
CWF	HN	178.0	IAML			22:28	47.32	3	0.12	
CWF	HE	178.0	IAML			22:28	47.81	4	0.17	
EDMD	HZ	181.0	EP			22:28	24.57			0.26
EDMD	HE	181.0	IAML			22:28	48.25	7	0.14	
EDMD	HN	181.0	IAML			22:28	48.58	6	0.21	

December 11 2022 Time: 22:39 09.9 UTC Magnitude: 0.7 ML
Lat: 56.517 Lon: -5.646 Depth: 2.6 km
Grid Ref: 175.73 kmE 742.05 kmN RMS: 0.30 secs
Locality: INNINBEG,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 6KM EAST INNINBEG

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LAWE	HZ	32.4	EP			22:39	15.77			-0.09
LAWE	HE	32.4	ES			22:39	19.71			-0.51
LAWE	HN	32.4	IAML			22:39	19.82	15	0.14	
LAWE	HE	32.4	IAML			22:39	19.85	15	0.16	
EAB	HZ	88.8	EP			22:39	25.24			0.36
EAB	HE	88.8	IAML			22:39	39.73	2	0.11	
EAB	HN	88.8	IAML			22:39	39.75	2	0.07	
KPL	HZ	91.6	EP			22:39	25.44			0.18
KPL	HE	91.6	ES			22:39	36.26			-0.22
KPL	HN	91.6	ES			22:39	36.54			0.06
KPL	HN	91.6	IAML			22:39	41.35	3	0.32	
KPL	HE	91.6	IAML			22:39	41.50	4	0.20	
GVIE	HZ	92.9	EP			22:39	25.23			-0.37
GVIE	HN	92.9	ES			22:39	37.09			0.02
GVIE	HN	92.9	IAML			22:39	39.41	2	0.32	
GVIE	HE	92.9	IAML			22:39	40.08	2	0.13	
INVG	HZ	99.2	EP			22:39	26.62			0.12
INVG	HN	99.2	IAML			22:39	40.79	2	0.18	
INVG	HE	99.2	IAML			22:39	41.18	2	0.10	
PGB1	HZ	107.0	EP			22:39	28.16			0.52

December 16 2022 Time: 08:37 39.7 UTC Magnitude: 0.9 ML

TABLE 2 : PHASE DATA

Lat: 56.594 Lon: -4.115 Depth: 7.6 km
Grid Ref: 270.15 kmE 746.66 kmN RMS: 0.50 secs
Locality: GLENLYON,PERTH/KINROSS
Velocity model: Lownet Xnear: 150.0 Xfar: 300.0

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
INVG	HZ	19.1	EP		08:37	43.64			0.05
INVG	HN	19.1	ES		08:37	46.13			-0.27
INVG	HE	19.1	IAML		08:37	46.23	20	0.07	
INVG	HN	19.1	IAML		08:37	46.36	25	0.10	
PITL	HZ	40.4	EP		08:37	46.90			-0.00
PITL	HN	40.4	ES		08:37	51.49			-0.65
PITL	HN	40.4	IAML		08:37	53.11	16	0.08	
PITL	HE	40.4	IAML		08:37	53.92	16	0.05	
EAB	HZ	47.2	EP		08:37	48.18			0.24
EAB	HE	47.2	IAML		08:37	54.21	4	0.23	
EAB	HN	47.2	IAML		08:37	55.45	5	0.10	
GVIE	HZ	62.6	EP		08:37	50.09			-0.31
GVIE	HE	62.6	IAML		08:37	57.33	5	0.18	
GVIE	HN	62.6	IAML		08:38	02.81	3	0.10	
LAWE	HZ	87.6	EP		08:37	53.74			-0.43
LAWE	HE	87.6	IAML		08:38	07.19	6	0.15	
LAWE	HN	87.6	IAML		08:38	07.47	7	0.14	
DRUM	HZ	106.0	EP		08:37	57.90			0.90
DRUM	HE	106.0	IAML		08:38	14.32	7	0.14	
DRUM	HN	106.0	IAML		08:38	14.54	11	0.17	
KPL	HN	125.0	EP		08:38	00.40			0.47
KPL	HE	125.0	IAML		08:38	15.51	3	0.20	
KPL	HN	125.0	IAML		08:38	16.08	4	0.29	

December 16 2022 Time: 10:26 40.0 UTC Magnitude: 1.0 ML
Lat: 57.649 Lon: -5.302 Depth: 8.2 km
Grid Ref: 202.98 kmE 866.89 kmN RMS: 0.70 secs
Locality: KINLOCHEWE,HIGHLAND
Velocity model: Lownet Xnear: 150.0 Xfar: 300.0
Comment: 5KM NORTH KINLOCHEWE

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
KPL	HZ	40.5	EP		10:26	47.73			0.57
KPL	HN	40.5	ES		10:26	51.57			-0.79
KPL	HN	40.5	IAML		10:26	58.79	4	0.11	
KPL	HE	40.5	IAML		10:26	58.97	5	0.30	
LINV	HZ	55.7	EP		10:26	50.36			0.82
LINV	HN	55.7	ES		10:26	55.93			-0.54
LINV	HE	55.7	IAML		10:26	56.45	5	0.15	
LINV	HN	55.7	IAML		10:26	58.33	4	0.24	
GVIE	HZ	75.6	EP		10:26	53.45			0.71
GVIE	HE	75.6	ES		10:27	01.32			-0.69
GVIE	HE	75.6	IAML		10:27	02.41	6	0.16	
GVIE	HN	75.6	IAML		10:27	06.32	4	0.14	
MCD	HZ	123.0	EP		10:26	59.43			-0.48
MCD	HN	123.0	IAML		10:27	14.25	5	0.16	
MCD	HE	123.0	IAML		10:27	14.36	8	0.30	
BIGH	HZ	125.0	EP		10:26	59.63			-0.55
BIGH	HE	125.0	IAML		10:27	14.36	11	0.16	
BIGH	HN	125.0	IAML		10:27	14.62	7	0.16	
PITL	HZ	138.0	EP		10:27	03.15			0.97
PITL	HE	138.0	IAML		10:27	19.68	4	0.15	
PITL	HN	138.0	IAML		10:27	20.67	4	0.16	

December 21 2022 Time: 10:26 41.4 UTC Magnitude: 1.3 ML
Lat: 55.994 Lon: -5.240 Depth: 4.6 km
Grid Ref: 197.96 kmE 682.63 kmN RMS: 0.20 secs
Locality: GLENDARUEL,ARGYLL/BUTE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
LAWE	HZ	31.2	EP		10:26	47.08			-0.13
LAWE	HN	31.2	ES		10:26	51.27			-0.14
LAWE	HE	31.2	IAML		10:26	51.36	25	0.20	
LAWE	HN	31.2	IAML		10:26	52.22	16	0.43	
PGB1	HZ	51.5	EP		10:26	50.73			0.09
PGB1	HE	51.5	ES		10:26	57.27			-0.08
PGB1	HE	51.5	IAML		10:26	58.05	41	0.35	
PGB1	HN	51.5	IAML		10:26	58.80	20	0.42	
EAB	HZ	60.2	EP		10:26	51.72			-0.29
EAB	HE	60.2	IAML		10:27	00.71	7	0.38	
EAB	HN	60.2	IAML		10:27	01.80	9	0.42	
INVG	HZ	88.5	EP		10:26	56.35			-0.05
INVG	HN	88.5	ES		10:27	07.41			0.10
INVG	HE	88.5	IAML		10:27	10.68	12	0.24	
INVG	HN	88.5	IAML		10:27	11.04	9	0.16	
CLGH	HZ	115.0	EP		10:27	00.73			0.18
CLGH	HE	115.0	IAML		10:27	16.09	17	0.18	
CLGH	HN	115.0	IAML		10:27	16.50	12	0.23	
NEWG	HZ	117.0	EP		10:27	00.56			-0.16
NEWG	HE	117.0	IAML		10:27	17.43	9	0.19	
NEWG	HN	117.0	IAML		10:27	17.97	9	0.20	
GVIE	HZ	130.0	EP		10:27	03.57			0.65
GVIE	HE	130.0	IAML		10:27	21.28	8	0.24	
GVIE	HN	130.0	IAML		10:27	22.44	6	0.22	
PITL	HZ	137.0	EP		10:27	04.28			0.42
PITL	HE	137.0	IAML		10:27	24.41	7	0.40	
PITL	HN	137.0	IAML		10:27	25.79	8	0.34	
KPL	HE	152.0	IAML		10:27	27.18	8	0.47	
KPL	HN	152.0	IAML		10:27	27.85	4	0.21	

December 22 2022 Time: 13:30 10.0 UTC Magnitude: 1.4 ML
Lat: 56.640 Lon: -5.665 Depth: 7.6 km
Grid Ref: 175.30 kmE 755.79 kmN RMS: 0.30 secs
Locality: STRONTIAN,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 8KM SW STRONTIAN

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
LAWE	HZ	45.4	EP		13:30	17.93			-0.01
LAWE	HN	45.4	ES		13:30	23.48			-0.23
LAWE	HN	45.4	IAML		13:30	23.72	18	0.20	
LAWE	HE	45.4	IAML		13:30	23.74	18	0.10	
KPL	HZ	77.8	EP		13:30	23.09			0.14
KPL	HN	77.8	IAML		13:30	35.84	13	0.26	
KPL	HE	77.8	IAML		13:30	36.31	20	0.24	
GVIE	HZ	84.7	EP		13:30	23.61			-0.54
GVIE	HN	84.7	IAML		13:30	37.34	9	0.26	
GVIE	HE	84.7	IAML		13:30	37.40	10	0.22	
EAB	HZ	96.1	EP		13:30	26.23			0.39
EAB	HN	96.1	IAML		13:30	40.98	15	0.28	
EAB	HE	96.1	IAML		13:30	41.03	15	0.40	
INVG	HZ	103.0	EP		13:30	27.04			0.21
INVG	HN	103.0	IAML		13:30	41.98	22	0.16	
INVG	HE	103.0	IAML		13:30	43.42	10	0.22	
PITL	HZ	128.0	EP		13:30	30.89			0.12
PITL	HN	128.0	IAML		13:30	48.15	16	0.38	
PITL	HE	128.0	IAML		13:30	48.41	13	0.16	
DRUM	HE	197.0	IAML		13:31	06.86	6	0.48	
DRUM	HN	197.0	IAML		13:31	07.11	13	0.36	

December 22 2022 Time: 16:04 27.9 UTC Magnitude: 1.0 ML
Lat: 55.921 Lon: -5.304 Depth: 8.3 km
Grid Ref: 193.58 kmE 674.70 kmN RMS: 0.20 secs
Locality: MELLDALLOCH,ARGYLL/BUTE
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
LAWE	HZ	38.2	IP	D	16:04	34.76			0.09
LAWE	HN	38.2	ES		16:04	39.48			-0.14
LAWE	HE	38.2	IAML		16:04	39.68	16	0.22	
LAWE	HN	38.2	IAML		16:04	40.05	9	0.12	
PGB1	HZ	52.8	EP		16:04	36.98			0.04
PGB1	HN	52.8	ES		16:04	43.31			-0.24
PGB1	HN	52.8	IAML		16:04	43.49	12	0.10	
PGB1	HE	52.8	IAML		16:04	43.55	8	0.08	
EAB	HZ	67.2	EP		16:04	39.24			0.05
EAB	HE	67.2	IAML		16:04	48.07	6	0.16	
EAB	HN	67.2	IAML		16:04	49.46	8	0.12	
INVG	HZ	96.4	EP		16:04	43.77			0.05
INVG	HN	96.4	IAML		16:04	57.29	4	0.12	
INVG	HE	96.4	IAML		16:04	57.83	4	0.20	
CLGH	HZ	106.0	EP		16:04	45.13			-0.13
CLGH	HN	106.0	IAML		16:04	58.58	7	0.18	
CLGH	HE	106.0	IAML		16:04	58.71	6	0.21	
NEWG	HZ	112.0	EP		16:04	46.21			0.05
NEWG	HN	112.0	IAML		16:05	00.15	4	0.18	
NEWG	HE	112.0	IAML		16:05	01.61	4	0.10	
GAL1	HZ	123.0	EP		16:04	47.86			0.05
PITL	HZ	145.0	EP		16:04	51.64			0.63
PITL	HE	145.0	IAML		16:05	10.51	2	0.19	
PITL	HN	145.0	IAML		16:05	10.88	3	0.21	

December 22 2022 Time: 16:56 24.6 UTC Magnitude: 0.9 ML
Lat: 56.634 Lon: -5.649 Depth: 7.8 km
Grid Ref: 176.24 kmE 755.07 kmN RMS: 0.30 secs
Locality: STRONTIAN,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 8KM SW STRONTIAN

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES
LAWE	HZ	44.4	EP		16:56	32.20			-0.10
LAWE	HN	44.4	ES		16:56	37.79			-0.17
LAWE	HE	44.4	IAML		16:56	38.00	8	0.10	
LAWE	HN	44.4	IAML		16:56	38.03	7	0.09	
KPL	HZ	78.5	EP		16:56	37.87			0.29
KPL	HN	78.5	IAML		16:56	50.26	4	0.27	
KPL	HE	78.5	IAML		16:56	50.60	7	0.24	
GVIE	HZ	84.4	EP		16:56	38.03			-0.58
GVIE	HN	84.4	IAML		16:56	51.76	2	0.16	
GVIE	HE	84.4	IAML		16:56	51.80	4	0.25	
EAB	HZ	94.9	EP		16:56	40.42			0.25
EAB	HN	94.9	ES		16:56	51.71			0.14
EAB	HN	94.9	IAML		16:56	55.25	5	0.35	
EAB	HE	94.9	IAML		16:56	55.32	4	0.14	
INVG	HZ	101.0	EP		16:56	41.35			0.17
INVG	HE	101.0	IAML		16:56	56.07	5	0.11	
INVG	HN	101.0	IAML		16:56	56.26	8	0.16	
PITL	HZ	127.0	EP		16:56	45.17			0.02
PITL	HN	127.0	IAML		16:57	02.81	4	0.10	
PITL	HE	127.0	IAML		16:57	02.85	4	0.16	

December 25 2022 Time: 10:50 50.5 UTC Magnitude: 0.7 ML
Lat: 55.242 Lon: -3.502 Depth: 2.6 km
Grid Ref: 304.51 kmE 595.23 kmN RMS: 0.40 secs
Locality: ST ANN'S,D & G
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT P	HrMn	SECS	AMPL	PERI	RES

TABLE 2 : PHASE DATA

ESK	HZ	20.6	IP	C	10:50	54.52			0.07
ESK	HE	20.6	ES		10:50	57.05			-0.31
ESK	HE	20.6	IAML		10:50	57.16	11	0.10	
ESK	HN	20.6	IAML		10:50	58.16	9	0.20	
EKA	BZ	24.0	IP	C	10:50	55.03			-0.02
EKA	BZ	24.0	ES		10:50	57.90			-0.49
NEWG	HZ	48.4	EP		10:50	59.03			-0.12
NEWG	HN	48.4	ES		10:51	04.64			-0.85
NEWG	HE	48.4	IAML		10:51	05.34	2	0.19	
NEWG	HN	48.4	IAML		10:51	05.36	3	0.12	
KESW	HZ	77.1	EP		10:51	03.87			0.23
EDI	HN	78.4	ES		10:51	13.71			0.17
EDI	HN	78.4	IAML		10:51	15.15	4	0.29	
EDI	HE	78.4	IAML		10:51	16.01	3	0.43	
GAL1	HZ	87.9	EP		10:51	05.36			0.08
PGB1	HE	88.6	ES		10:51	16.86			0.53
PGB1	HN	88.6	IAML		10:51	19.37	6	0.15	
AQ12	HZ	102.0	EP		10:51	07.92			0.43
AQ12	HE	102.0	IAML		10:51	21.61	8	0.26	
AQ12	HN	102.0	IAML		10:51	21.63	6	0.24	
AP12	HZ	105.0	EP		10:51	08.25			0.32

December 26 2022 Time: 01:20 49.5 UTC Magnitude: 0.9 ML
Lat: 54.408 Lon: -2.817 Depth: 2.6 km
Grid Ref: 346.98 kmE 501.72 kmN RMS: 0.20 secs
Locality: STAVELEY,CUMBRIA
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
AQ12	HZ	5.3	EP			01:20	50.89			-0.01
AQ12	HE	5.3	ES			01:20	51.96			0.02
AQ12	HE	5.3	IAML			01:20	52.06	530	0.09	
AQ12	HN	5.3	IAML			01:20	52.31	99	0.04	
KESW	HZ	27.4	EP			01:20	54.48			-0.15
KESW	HE	27.4	ES			01:20	58.19			-0.20
KESW	HE	27.4	IAML			01:20	58.98	11	0.22	
KESW	HN	27.4	IAML			01:21	00.70	7	0.20	
EDMD	HZ	72.6	EP			01:21	01.68			-0.23
EDMD	HE	72.6	IAML			01:21	13.75	14	0.10	
EDMD	HN	72.6	IAML			01:21	13.84	21	0.14	
ESK	HZ	104.0	EP			01:21	07.28			0.43
ESK	HE	104.0	IAML			01:21	21.79	2	0.12	
ESK	HN	104.0	IAML			01:21	22.56	2	0.08	
IOMK	HZ	115.0	EP			01:21	08.44			-0.07
NEWG	HZ	120.0	EP			01:21	09.74			0.38
NEWG	HE	120.0	IAML			01:21	24.90	2	0.13	
NEWG	HN	120.0	IAML			01:21	25.19	2	0.16	

December 27 2022 Time: 01:09 12.5 UTC Magnitude: 2.0 ML
Lat: 51.878 Lon: -3.051 Depth: 17.5 km
Grid Ref: 327.66 kmE 220.51 kmN RMS: 0.30 secs
Locality: LLANBEDR,POWYS
Velocity model: Lownet Xnear: 200.0 Xfar: 300.0

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
MCH1	HZ	13.8	IP		C	01:09	16.51			0.12
MCH1	HN	13.8	ES			01:09	19.05			-0.17
MCH1	HN	13.8	IAML			01:09	19.63	856	0.20	
MCH1	HE	13.8	IAML			01:09	19.73	575	0.07	
MONM	HZ	17.6	IP		C	01:09	16.78			-0.01
MONM	HN	17.6	ES			01:09	20.06			0.15
MONM	HN	17.6	IAML			01:09	20.26	957	0.12	
MONM	HE	17.6	IAML			01:09	20.27	641	0.10	
OLDB	HZ	42.2	IP		D	01:09	20.01			-0.14
OLDB	HN	42.2	ES			01:09	25.41			-0.31
OLDB	HN	42.2	IAML			01:09	26.31	344	0.34	
OLDB	HE	42.2	IAML			01:09	26.35	171	0.48	
HLM1	HZ	72.2	EP			01:09	24.31			-0.36
HLM1	HN	72.2	ES			01:09	32.86			-0.68
HLM1	HE	72.2	IAML			01:09	33.64	60	0.12	
HLM1	HN	72.2	IAML			01:09	34.24	47	0.12	
SWN1	HZ	95.5	EP			01:09	28.52			0.57
SWN1	HN	95.5	IAML			01:09	41.04	69	0.42	
SWN1	HE	95.5	IAML			01:09	41.26	51	0.22	
FOEL	HZ	113.0	EP			01:09	30.82			0.32
FOEL	HN	113.0	ES			01:09	43.97			0.34
FOEL	HE	113.0	IAML			01:09	44.65	34	0.34	
FOEL	HN	113.0	IAML			01:09	44.67	31	0.16	
LLW	BZ	116.0	EP			01:09	31.11			0.26
LLW	BE	116.0	IAML			01:09	45.07	10	0.25	
LLW	BN	116.0	IAML			01:09	45.62	12	0.15	
RSBS	HZ	117.0	EP			01:09	31.11			0.10
RSBS	HN	117.0	IAML			01:09	46.72	50	0.18	
RSBS	HE	117.0	IAML			01:09	46.75	59	0.10	
HTL	HZ	140.0	EP			01:09	34.40			0.12
HTL	HN	140.0	IAML			01:09	51.87	12	0.41	
HTL	HE	140.0	IAML			01:09	52.09	24	0.13	
WOL	BZ	141.0	EP			01:09	34.92			0.42
WOL	BE	141.0	IAML			01:09	52.97	29	0.30	
WOL	BN	141.0	IAML			01:09	53.00	47	0.30	
STNC	HZ	147.0	EP			01:09	35.66			0.39
STNC	HN	147.0	IAML			01:09	53.77	43	0.44	
STNC	HE	147.0	IAML			01:09	55.04	74	0.22	
CWF	HZ	153.0	EP			01:09	35.67			-0.38
CWF	HE	153.0	IAML			01:09	53.87	23	0.32	
CWF	HN	153.0	IAML			01:09	53.89	29	0.32	
DYA	HZ	172.0	EP			01:09	37.81			-0.66
DYA	HE	172.0	IAML			01:10	00.17	14	0.20	
DYA	HN	172.0	IAML			01:10	00.40	17	0.15	
WLF1	HZ	182.0	EP			01:09	39.58			-0.06
WLF1	HN	182.0	IAML			01:10	01.71	7	0.18	
WLF1	HE	182.0	IAML			01:10	01.80	8	0.34	
LBWR	HN	192.0	IAML			01:10	05.45	12	0.36	
LBWR	HE	192.0	IAML			01:10	06.86	23	0.24	

December 30 2022 Time: 03:03 55.6 UTC Magnitude: 0.9 ML
Lat: 56.631 Lon: -5.677 Depth: 8.7 km
Grid Ref: 174.51 kmE 754.83 kmN RMS: 0.20 secs
Locality: STRONTIAN,HIGHLAND
Velocity model: Lownet Xnear: 100.0 Xfar: 200.0
Comment: 9KM SW STRONTIAN

STAT	CO	DIST	PHAS	WT	P	HrMn	SECS	AMPL	PERI	RES
LAWE	HZ	44.7	EP			03:04	03.40			-0.06
LAWE	HN	44.7	ES			03:04	08.99			-0.16
LAWE	HN	44.7	IAML			03:04	09.20	5	0.10	
LAWE	HE	44.7	IAML			03:04	09.26	6	0.10	
KPL	HZ	78.9	EP			03:04	09.11			0.38
KPL	HE	78.9	ES			03:04	17.92			-0.37
KPL	HN	78.9	IAML			03:04	21.49	4	0.22	
KPL	HE	78.9	IAML			03:04	21.82	7	0.24	
INVG	HZ	103.0	EP			03:04	12.74			0.22
INVG	HN	103.0	IAML			03:04	27.48	7	0.16	
INVG	HE	103.0	IAML			03:04	27.71	4	0.07	
PITL	HZ	129.0	EP			03:04	16.58			0.21
PITL	HN	129.0	ES			03:04	31.30			-0.20
PITL	HE	129.0	IAML			03:04	33.96	2	0.08	
PITL	HN	129.0	IAML			03:04	34.03	4	0.10	
LINV	HZ	171.0	EP			03:04	22.20			0.01

TABLE 3

GEOGRAPHIC COORDINATES OF SEISMOGRAPH STATIONS, 2022

Code	Name	Lat	Lon	E (km)	N (km)	Ht (m)	Comp
AP12	ULPHA	54.3100	-3.2670	317.66	491.23	220	BB
AQ01	HOSCAR	53.6068	-2.7944	347.53	412.54	24	BB
AQ02	BANKS	53.6905	-2.8967	340.88	421.94	17	BB
AQ06	THISTLETON	53.8250	-2.9110	340.13	436.91	28	BB
AQ07	GOOSNARGH	53.8420	-2.6660	356.28	438.62	90	BB
AQ10	GARSTANG	53.9150	-2.8270	345.78	446.86	22	BB
AQ12	SELSIDE	54.4370	-2.7520	351.32	504.88	389	BB
AR01	HASLINGDEN	53.7022	-2.3450	377.32	422.92	256	BB
AR05	SKIPTON	53.9910	-2.0190	398.85	454.99	259	BB
AR07	SLAIDBURN	53.9960	-2.4590	370.01	455.65	233	BB
AR09	INGLETON	54.2260	-2.4410	371.35	481.23	481	BB
AR10	KELD	54.4264	-2.2169	386.03	503.46	440	BB
AS02	UPPERMILL	53.5542	-1.9856	401.05	406.40	287	BB
AS03	WAINSTALLS	53.7674	-1.9563	402.98	430.12	376	BB
AS07	CARLTON	54.2540	-1.9380	404.14	484.26	411	BB
AS10	WINSTON	54.5520	-1.8320	410.96	517.43	156	BB
AT08	MYTON-ON-SWALE	54.0985	-1.3110	445.16	467.18	19	BB
AT10	SNILESWORTH	54.3700	-1.1760	453.63	497.48	333	BB
AT12	BISHOPTON	54.5770	-1.4480	435.78	520.34	62	BB
AU05	LAYTHAM	53.8599	-0.8741	474.15	441.00	3	BB
AU07	BIRKDALE	54.1120	-0.9590	468.15	468.96	102	BB
AU08	SOUTH WOLD	54.1238	-0.6613	487.59	470.60	175	BB
AU11	EAST NESS	54.1974	-0.9325	469.74	478.49	34	BB
AU18	THORNTON DALE	54.2482	-0.7095	484.18	484.38	83	BB
AV06	GANTON	54.1630	-0.4820	499.21	475.20	173	BB
BEDF	BEDFIELD	52.2505	1.2591	622.56	266.37	56	BBR
BIGH	UPPER BIGHOUSE	58.4932	-3.9102	288.75	957.69	70	BBSMR
BRAD	BRADWELL	51.7395	0.9045	600.63	208.53	11	BBSM
BRDL	BROAD LANE	51.1880	-0.2650	521.35	144.63	74	BB
CCA1	CARNMENELLIS	50.1866	-5.2277	169.62	36.90	210	BBSMR
CLGH	CUSHENDALL	55.0828	-6.1106	137.76	584.21	239	BBR
CWF	CHARNWOOD FST	52.7385	-1.3076	446.74	315.91	203	BBSMR
DRUM	DRUMTOCHTY	56.9123	-2.4865	370.48	780.23	208	BBSMR
DYA	YADSWORTHY	50.4353	-3.9310	262.88	61.34	292	BBR
EAB	ABERFOYLE	56.1887	-4.3386	254.97	701.95	294	BBR
EDI	EDINBURGH	55.9233	-3.1875	325.80	670.66	125	BBR
EDMD	EDMUNDBYERS	54.8312	-1.9636	402.43	548.48	337	BBSMR
ELMS	ELMSETT	52.0934	0.9895	604.88	248.11	75	BBSMR
ELSH	ELHAM	51.1482	1.1345	619.32	143.44	126	BBSMR
ESK	ESKDALEMUIR	55.3165	-3.2052	323.52	603.16	261	BBR
ESY	STONEYPATH	55.9175	-2.6141	361.62	669.55	337	BBR
FOEL	FOEL WYLFA	52.8898	-3.2012	319.27	333.15	449	BBSMR
GAL1	GALLOWAY	54.8664	-4.7114	226.02	555.78	117	BBR
GAT2	GATWICK	51.1440	-0.2210	524.54	139.81	63	BB
GDLE	GLAISDALE	54.4218	-0.8157	476.94	503.57	228	BBSMR
GGERF	DALMARNOCK	55.8410	-4.2220	260.92	663.09	19	BBR
GVIE	GLENDOE VIEW	57.1010	-4.5590	245.04	804.04	663	BB
HLM1	LONG MYND	52.5184	-2.8807	340.25	291.57	429	BBR
HMNX	HERSTMONCEUX	50.8674	0.3363	564.49	110.15	26	BBR
HORS	HORSE HILL	51.1760	-0.2090	525.29	143.39	68	BB
HPK	HAVERAH PARK	53.9581	-1.6241	424.66	451.42	233	BBSMR
HTL	HARTLAND	50.9943	-4.4849	225.64	124.66	86	BBSMR
INVG	INVERGELDIE	56.4273	-4.0452	273.96	727.99	279	BBSMR
IOMK	KIRK MICHAEL	54.2605	-4.5662	232.95	488.02	188	BBR
JDC	DAM (CREST)	49.1947	-2.0469			39	SMR
JDG	DAM (GALLERY)	49.1947	-2.0469			7	SMR
JSA	ST AUBINS	49.1878	-2.1717			39	BBR
KESW	KESWICK	54.5886	-3.1048	328.70	522.05	282	BBSMR
KPL	PLOCKTON	57.3391	-5.6527	180.21	833.50	13	BBSMR

TABLE 3

GEOGRAPHIC COORDINATES OF SEISMOGRAPH STATIONS, 2022

Code	Name	Lat	Lon	E (km)	N (km)	Ht (m)	Comp
LAWE	LOCH AWE	56.2601	-5.3990	189.58	712.71	137	BBSMR
LBWR	LADYBOWER	53.4016	-1.7248	418.40	389.45	353	BBSMR
LINV	LOCHINVER	58.1470	-5.1970	211.94	922.03	57	BBR
LMK	MARKET RASEN	53.4573	-0.3274	511.15	396.92	133	BBSMR
LRW	LERWICK	60.1360	-1.1779	445.66	1139.27	98	BBSMR
MCD	COLEBURN DISTIL	57.5828	-3.2541	325.02	855.42	293	BBR
MCH1	MICHAELCHURCH	51.9974	-2.9983	331.47	233.74	219	BBSMR
MONM	MONMOUTH	51.8396	-2.8054	344.61	215.98	145	BBR
NEWG	NEW GALLOWAY	55.1173	-4.2299	257.88	582.59	151	BBR
OLDB	OLDBURY	51.6609	-2.5514	361.95	195.94	6	BBSMR
PGB1	GLENIFFERBRAES	55.8115	-4.4837	244.38	660.37	199	BBR
PITL	PITLOCHTY	56.8195	-3.5974	302.59	770.92	390	BBR
RSBS	ROSEBUSH	51.9530	-4.7448	211.48	231.84	278	BBR
RUSH	RUSS HILL	51.1480	-0.2680	521.24	140.17	99	BB
SOFL	SORNFELLI	62.0689	-6.9658			721	BBR
SPK	SELLA PARK	54.4183	-3.4913	303.24	503.58	50	SM
STAN	STAN HILL	51.1690	-0.2490	522.52	142.54	87	BB
STBN	SUTTON BONINGTON	52.8375	-1.2481	450.78	326.92	40	BBR
STNC	STOKE	53.0913	-2.2062	354.95	386.19	234	BBR
STRD	STROUD	51.7763	-2.1643	388.77	208.64	200	BBR
SWN1	SWINDON	51.5137	-1.8007	413.83	179.49	192	BBSMR
TARL	TARLAND	57.1608	-2.8725	347.33	808.11	320	BBR
TORA	TORNESS A	55.9692	-2.4037	374.80	675.20	5	SM
TORB	TORNESS B	55.9673	-2.4085	374.50	674.99	5	SM
THP	THORPE	54.4183	-3.4913	303.24	503.58	50	SM
WACR	WEST ACRE	52.7247	0.6267	577.48	317.35	66	BBSMR
WLF1	LLYNFAES	53.2894	-4.3966	240.27	379.65	58	BBSMR
WPS	CAMAES, ANGLESEY	53.4004	-4.4986	233.98	392.19	16	BBSMR

Component Codes:

1 Single vertical seismometer
3 Orthogonal set of 3 seismometers
SM Strong motion seismometers
BB Broadband Instruments
R Station coordinates registered with the International Seismological Centre (ISC), England and the National Earthquake Information Centre (NEIC), USA

TABLE 4

Depth / crustal velocity models used in earthquake locations

Structural area	Depth to top of layer (km)	P-wave velocity (km/sec)	Vp/Vs
North Sea	0.00	6.20	1.73
	12.00	6.50	
	23.00	7.10	
	31.00	8.05	
Lownet and general UK	0.00	4.00	1.73
	2.52	5.90	
	7.55	6.45	
	18.87	7.00	
	34.15	8.00	
Borders	0.00	4.10	1.71
	3.00	5.60	
	4.10	6.15	
	17.00	6.60	
	30.00	8.00	
North Wales (Lleyn)	0.00	5.40	1.68
	2.00	6.05	
	13.00	6.50	
	25.00	6.80	
	34.00	8.00	
Mid Wales	0.00	5.40	1.72
	3.80	6.05	
	15.50	6.65	
	34.30	8.00	
Cornwall	0.00	5.50	1.77
	0.30	5.76	
	15.00	6.90	
	30.00	8.00	

TABLE 4

Depth / crustal velocity models used in earthquake locations

Structural area	Depth to top of layer (km)	P-wave velocity (km/sec)	Vp/Vs
Blackpool	0.00	1.80	1.72
	0.60	3.00	
	1.00	4.00	
	2.52	4.60	
	7.55	6.45	
	18.87	7.00	
	34.15	8.00	
Surrey	0.00	2.20	1.73
	0.20	2.40	
	0.40	2.60	
	0.70	2.70	
	1.20	3.10	
	1.50	3.60	
	1.80	4.70	
	2.10	5.00	
	2.40	5.50	
	7.60	6.40	
	18.90	7.00	
	34.20	8.00	

Appendix 1 Key to Catalogue Encoding

YearMoDy	Year, month and day of event.
HrMn Secs	Time of occurrence of event in hours, mins and secs, (UTC).
Lat	Latitude of the event, positive latitude indicates North.
Lon	Longitude of the event, positive longitude indicates East.
kmE	UK National Grid Reference in kilometres east of grid origin.
kmN	UK National Grid Reference in kilometres north of grid origin.
Dep	Depth of the hypocentre in kilometres.
Mag	Richter local magnitude of the event.
Locality	A geographical indication of the epicentral area, usually the nearest town followed by the region. A key to the abbreviations used in the locality column are given below.
Int	Maximum EMS intensity. 2, 3, 4, 5 etc. describes the maximum EMS intensity produced by the event.
Comments	Additional comments about the event e.g.: C/F, see below under comments abbreviations.

The following abbreviations are extracted from the output of the location program HYPOCENTER (Leinart and Havskov, 1995)

No	Total number of P and S readings used in the event location.
Gap	Largest azimuthal separation in degrees between stations.
RMS	Root Mean Square of the travel time residuals in seconds.
ERH	Standard error of the epicentre in kilometres. When this column is blank, the error is large and indeterminate.
ERZ	Standard error of the focal depth in kilometres. When this column is blank, the error is large and indeterminate.

Locality and Comments abbreviations

Heref	Herefordshire
E Yorkshire	East Yorkshire
Glos	Gloucestershire
Salop	Shropshire
N Yorkshire	North Yorkshire
Warks	Warwickshire
D & G	Dumfries & Galloway
Lincs	Lincolnshire
Staffs	Staffordshire
Gtr Manchester	Greater Manchester
W Yorkshire	West Yorkshire
Co Donegal	County Donegal
N Lanarkshire	North Lanarkshire
Notts	Nottinghamshire
S Yorkshire	South Yorkshire
Northants	Northamptonshire
S Lancashire	South Lancashire
IOM	Isle of Man
…	and felt elsewhere

Appendix 2 Key to Phase Data Encoding

Time	Time of occurrence of event in hours, mins and secs, (UTC).
Lat	Latitude of the event, positive latitude indicates North.
Lon	Longitude of the event, positive longitude indicates East.
Depth	Depth of the hypocentre in kilometres.
Grid Ref	UK National Grid Reference in kilometres east (kmE) and kilometres north (kmN) of grid origin.
RMS	Root Mean Square of the travel time residuals in seconds.
Velocity Model	Velocity model used in location.
Magnitude	Richter local magnitude of the event.
Locality	A geographical indication of the epicentral area, usually the nearest town followed by the region.
Intensity	Maximum EMS intensity. 2, 3, 4, 5 etc. describes the maximum EMS intensity produced by the event.
Comments	Additional comments about the event e.g.: C/F see list of comments and abbreviations in Appendix 1.
STAT	Station name
CO	Z=vertical N=north south E=east west
DIST	Distance from earthquake to station (km)
PHAS	Phase identifier; the first letter characterizes onset E=emergent I=impulsive, the second indicates the phase e.g. P, S, PG, PN, IAML
WT	Weighting factor to arrival. 0 or blank=full weighting to 4=zero weighting (ignore). 9=use P S interval only for this line.
P	Polarity C=Compression/up D=Dilatation/down
HrMn	Hour, Minute of event
SECS	Seconds of event
AMPL	Amplitude centre to peak in nanometres (nm)
PERI	Period in seconds
RES	Station residual

Appendix 3 The European Macroseismic Scale (EMS 98)

1 - **Not felt**
Not felt, even under the most favourable circumstances.

2 - **Scarcely felt**
Vibration is felt only by individual people at rest in houses, especially on upper floors of buildings.

3 - **Weak**
The vibration is weak and is felt indoors by a few people. People at rest feel a swaying or light trembling.

4 - **Largely observed**
The earthquake is felt indoors by many people, outdoors by very few. A few people are awakened. The level of vibration is not frightening. Windows, doors and dishes rattle. Hanging objects swing.

5 - **Strong**
The earthquake is felt indoors by most, outdoors by few. Many sleeping people awake. A few run outdoors. Buildings tremble throughout. Hanging objects swing considerably. China and glasses clatter together. The vibration is strong. Top heavy objects topple over. Doors and windows swing open or shut.

6 - **Slightly damaging**
Felt by most indoors and by many outdoors. Many people in buildings are frightened and run outdoors. Small objects fall. Slight damage to many ordinary buildings e.g.; fine cracks in plaster and small pieces of plaster fall.

7 - **Damaging**
Most people are frightened and run outdoors. Furniture is shifted and objects fall from shelves in large numbers. Many ordinary buildings suffer moderate damage: small cracks in walls; partial collapse of chimneys.

8 - **Heavily damaging**
Furniture may be overturned. Many ordinary buildings suffer damage: chimneys fall; large cracks appear in walls and a few buildings may partially collapse.

9 - **Destructive**
Monuments and columns fall or are twisted. Many ordinary buildings partially collapse and a few collapse completely.

10 - **Very destructive**
Many ordinary buildings collapse.

11 - **Devastating**
Most ordinary buildings collapse.

12 - **Completely devastating**
Practically all structures above and below ground are heavily damaged or destroyed.

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A complete description of the EMS-98 scale is given in: Grünthal, G., (Ed) 1998. European Macroseismic scale 1998. Cahiers du Centre European de Geodynamique et de Seismologie. Vol 15.

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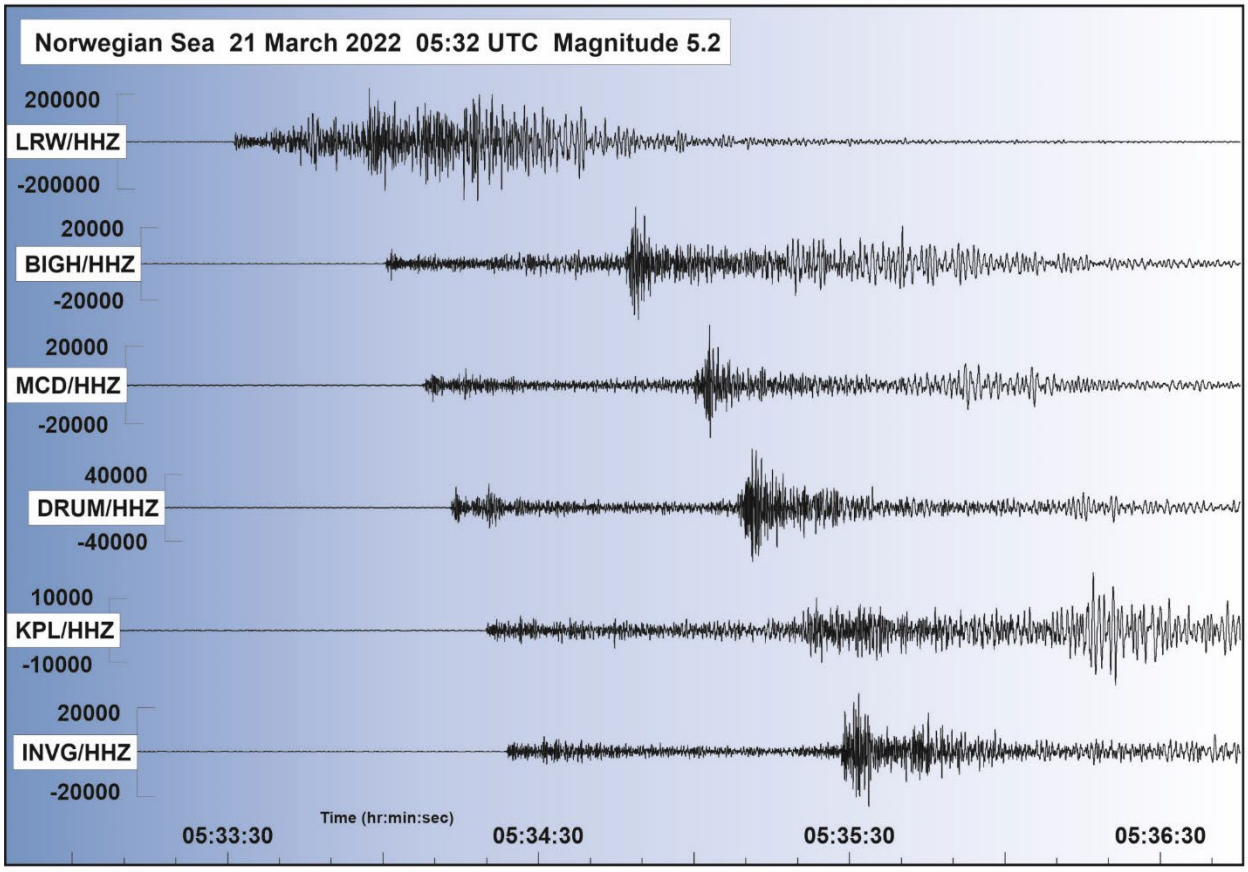
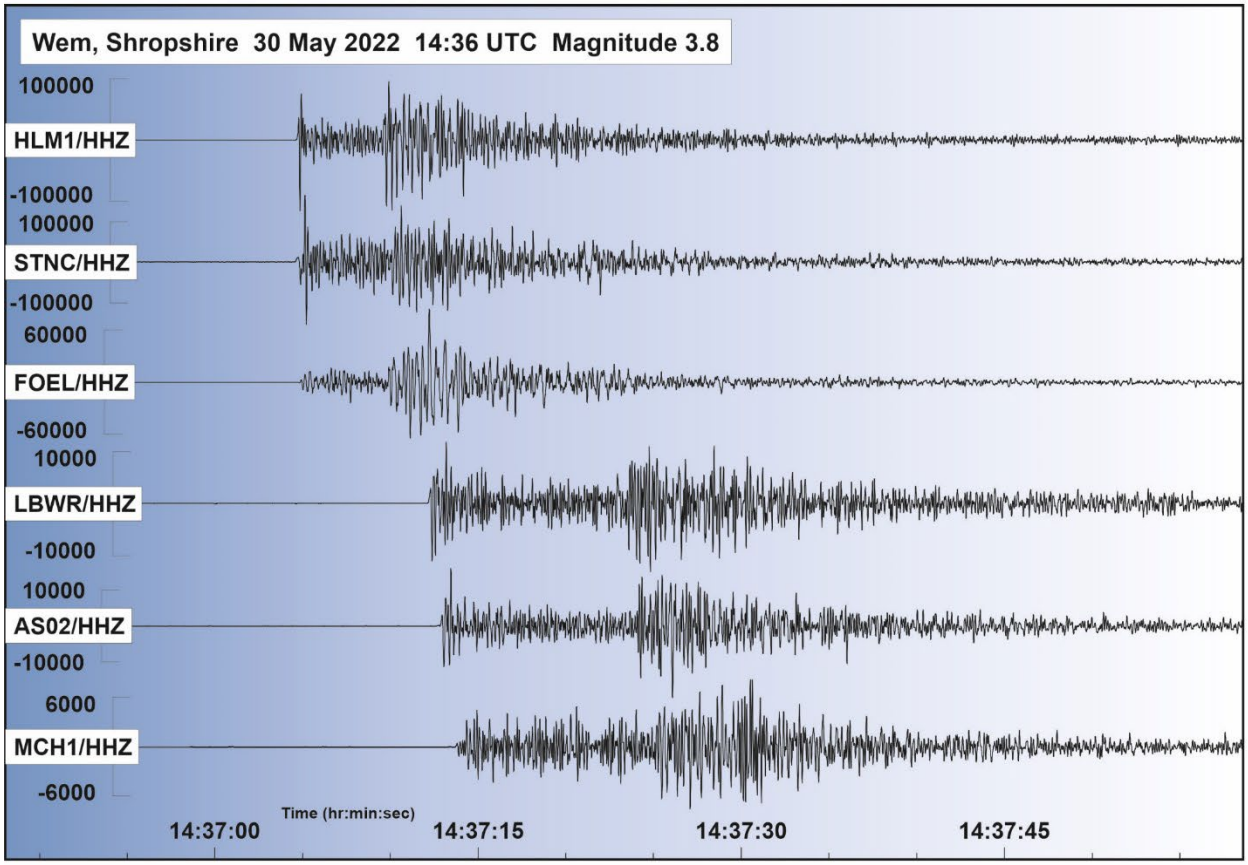


Seismograms of the ground displacements from the magnitude 5.2 ML Norwegian Sea earthquake on 21 March 2022.



Seismograms of the ground displacements from the magnitude 3.8 ML Wem, Shropshire earthquake on 30 May 2022.