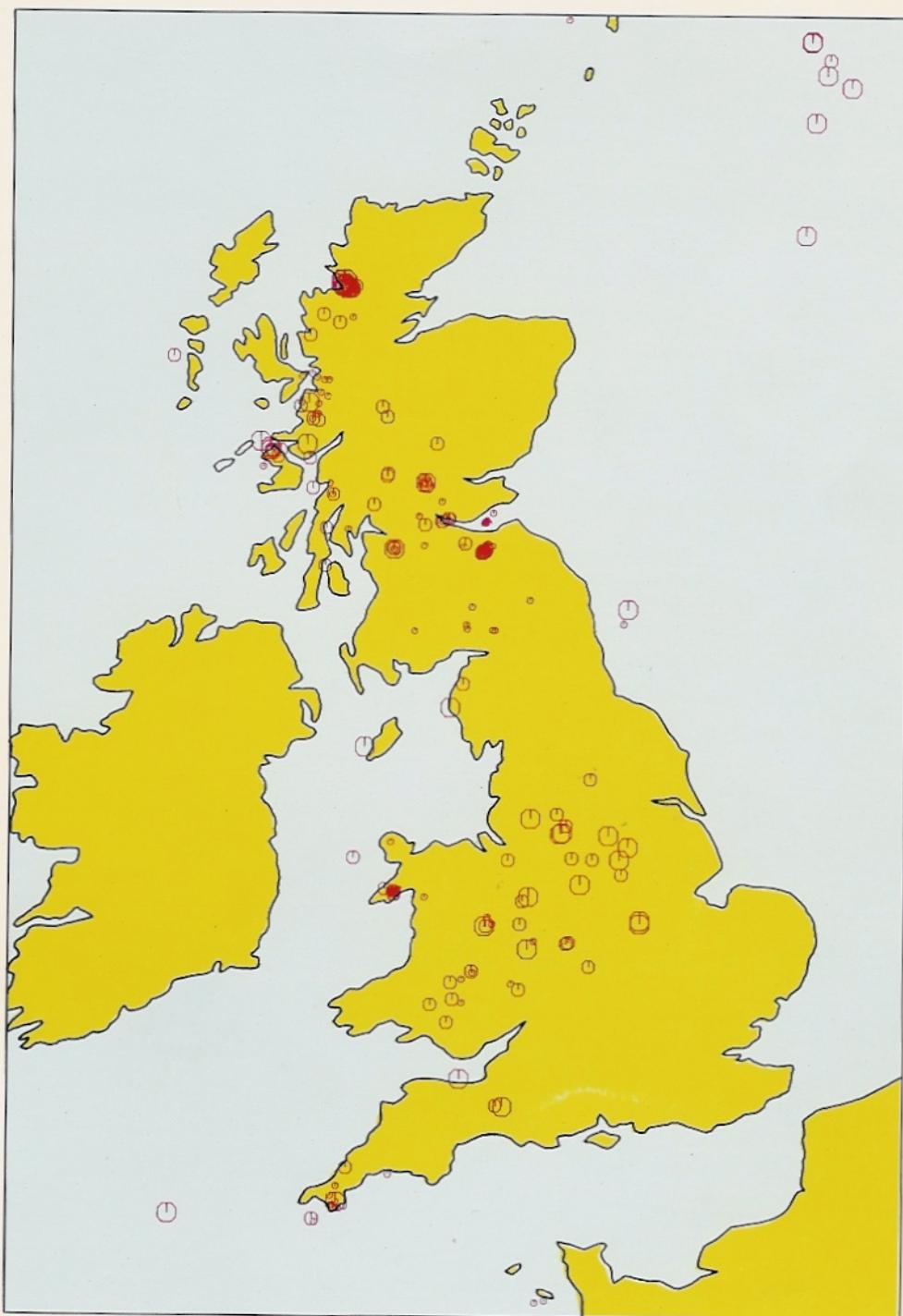


E. GURBAT



BRITISH GEOLOGICAL SURVEY

BULLETIN OF BRITISH EARTHQUAKES 1987



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Bulletin of British earthquakes 1987

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BRITISH GEOLOGICAL SURVEY

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1. Introduction

1.1 The Bulletin

Seismic phase data, location details and magnitudes are presented for all earthquakes detected and located by BGS during 1987. The land areas of Great Britain and Northern Ireland and their coastal waters are covered within the limits of the detection capabilities of the seismograph network. A map of seismic activity in the North Sea is included using data from the Bulletin of North Sea Earthquakes, 1987, by Marrow et al (1988).

The seismicity of the UK since 1969 is illustrated using data extracted from the previous catalogues of Burton and Neilson (1980) and Turbitt (1984, 1985, 1987 and 1988).

1.2 Summary of 1987 seismicity

Lleyn Peninsula aftershock activity continued to decline with 22 events detected, none felt and the largest having a magnitude of 1.8 ML. Thirty two aftershocks were detected in the previous year (1986) with several felt and the largest 2.7 ML.

Seismicity in the Midlothian coalfield continued at a high level. One hundred and fifty one events were recorded, 23 felt, the largest having a magnitude of 1.8. Intensity 4 was reported on three occasions.

The largest events of the year occurred at Ullapool both 3.0 ML on 4 October and both were felt at intensity 4. Twenty two further events, 4 of them felt, followed during the next 3 months.

A series of 10 earthquakes commenced on Mull with a magnitude 2.5 on 3 May. None were felt.

A magnitude 2.3 event in Renfrew on 10 October was felt at intensity 4 and was the largest in a swarm of 12.

In general, earthquakes with magnitudes around 2.5 and above were felt, for example: Isle of Man, 9 November (2.3 ML, Intensity 4), Manchester, 5 December (2.6 ML, Intensity 4), Ardnamurchan, 20 November (2.6 ML, Intensity 3), Melton Mowbray, 1 May (2.7 ML, Intensity 4, and 2.1 ML, Intensity 2). Shallow coalfield events were felt at lower magnitudes. Exceptions, for which no felt reports were received are: Market Drayton (2.6 ML), Bridgnorth, Salop (2.5 ML) and, of course, offshore events.

2. Catalogue Format

2.1 Tables

Hypocentral parameters, for each earthquake, are tabulated under the headings:

Date	- day, month, year
Time	- Hours, minutes, seconds of origin time
Lat	- Latitude, positive North
Lon	- Longitude, positive East
KmE	- Grid reference, easting from National Grid origin near the Scilly Isles.
KmN	- Grid reference, northing
Dep	- Hypocentral depth in km, blank indicates depth unknown. Note that depths for events of quality C, D and possibly B, are unreliable due to the large errors involved.
Mag	- Richter local magnitude
Locality	- A geographical indication of the epicentral area, usually the nearest town followed by the region.
Int	- Maximum felt intensity on the MSK scale (Medvedev et al, 1964), when known. + indicates that an event was reported felt at the intensity given but no survey was initiated to determine the maximum intensity. Comments and felt areas, where appropriate, are included on the next line.
No	- Total number of P and S readings used in the event location
DM	- Epicentral distance in kilometres to the closest station
Gap	- Largest azimuthal separation in degrees between stations
RMS	- Root mean square error of arrival time residuals in seconds
ERH	- Standard error of the epicentre in kilometres
ERZ	- Standard error of the focal depth in kilometres
Q	- Solution quality of the hypocentre averaged from QS and QD (below). A, excellent; B, good; C, fair; D, poor.
SQD	- S is quality factor ascribed to RMS, D is quality ascribed to number and distribution of stations.

Data on the earthquakes and seismograph stations operated in 1987 are arranged as follows:

TABLE 1 is a chronological listing of all earthquakes near the UK for which a reliable epicentral location could be obtained.

TABLE 2 is a listing of the events in Table 1 arranged in order of decreasing latitude to facilitate identification of earthquakes in selected regions.

TABLE 3 is a chronological listing of events which, although detected by the seismograph network, had arrival patterns too weak to permit the computation of reliable locations. An indication of the estimated epicentre is given but errors could be very large. These events are not included in Tables 1 or 2.

TABLE 4 is an alphabetical listing of the geographic coordinates of seismograph stations operated in 1987 by BGS, DIAS, and Leeds University.

TABLE 5 lists the arrival times of phases for the events in Table 1 at each station, together with amplitude information used for magnitude calculation.

TABLE 6 is the crustal seismic velocity model used for event location.

2.2 Figures

FIGURE 1: the detection threshold of the network of seismograph stations in Table 4 for average background noise conditions where the detection criterion is signal received above 4 nanometres at 10 Hz on 3 stations.

FIGURE 2: the variation of epicentral location errors within the UK area for a magnitude 2.0 earthquake.

FIGURE 3: the epicentral location map of all the events in 1987 that are listed in Table 1.

FIGURE 4: the locations of earthquakes in the UK of magnitude 2.5 ML and above from 1979 to 1987.

FIGURE 5: the locations of earthquakes in the UK of magnitude 3.5 ML and above from 1969 to 1987.

FIGURE 6: the locations of earthquakes in the North Sea area in 1987.

3. The BGS UK Seismograph Network

3.1 Instrumentation

A typical seismic network consists of up to seven 'outstation' vertical seismometers radio-linked over distances of up to 100 km to a central site where the data, along with that from a local 3-component set of two horizontal and one vertical seismometers, are recorded on magnetic tape by a Geostore recorder. Tapes are dispatched, usually once per week, to Edinburgh for analysis.

A more detailed description of the system is given by Browitt et al (1985) and the response of the system is described by Turbitt and Stewart (1982).

At some locations, on-line paper chart recorders display three channels to permit rapid investigation of reported felt tremors. Microprocessor controlled event-triggered recorders 'detect' earthquakes at selected sites to produce a digital magnetic tape and an on-line paper record. At other stations, low-gain vertical seismometers extend the dynamic range of the system to stronger motions and low frequency microphones are used to aid the discrimination of sonic booms.

The improvements in geographic coverage of the UK with the installation of more seismic networks in the last fifteen years is described in Turbitt (1985).

3.2 Detection Threshold

The detection capabilities of a network depend upon station distribution, instrument sensitivity and background noise levels. For the BGS UK network the lower limit of sensitivity is governed by the background noise level. The contours in Figure 1 illustrate the lower threshold magnitude for an earthquake to exceed 4 nanometres at 10 Hz on at least three seismographs. Noise sources such as wind, waves, traffic and livestock vary considerably with time (about 0.5 to 15 nanometres, typically at 10 Hz) causing the magnitude thresholds to increase or decrease. In conditions of high noise 0.8 ML should be added to the contour values.

The detection contours in Figure 1 hold true only if all stations are continuously monitored and this is not always the case. Small events in unmonitored areas may then go undetected unless felt and reported to BGS by local inhabitants. The detection capabilities by this process are strongly dependent on population density with the consequence that areas such as the Scottish Highlands have a high threshold magnitude when local networks are not continuously analysed.

4. Hypocentre Parameters and their Errors

4.1 Epicentre Location

By accurately timing the signal onsets at a minimum of three stations a location can be found for an earthquake which satisfies the observed pattern of arrivals. Instrumental locations in the catalogue were obtained using the computer program HYPO71 (Lee and Lahr, 1975) which 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 dependant 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 velocity through the earth can be modelled.

Figure 2 illustrates the likely variation of epicentral location errors within the UK area for a

magnitude 2.0 earthquake, 5 km deep. These errors have been determined by the computer program HYPOERR (Lienert et al, 1986) assuming P and S arrival time variances of 0.2 and 0.4 seconds respectively at all detecting stations. The rapid increase in epicentral uncertainty to 20 km and above is apparent as the epicentre moves beyond the detecting range of the seismograph network. For convenience in the tables, epicentre grid references and depths have been given to 0.1 km although this accuracy does not apply in all cases.

The general velocity model used is given in Table 6 and was derived from a series of refraction profiles traversing Britain, LISPB (Bamford et al, 1976; Bamford et al, 1978; Assumpcao and Bamford, 1978). However, for some localised areas of activity, different models have been employed and these are explained in detail in BGS reports on the particular series.

4.2 Depth Determination

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. Constraints on the depth can usually only be imposed when a station is very near the epicentre and even then the accuracy depends on the velocity model.

The best depth determinations have been obtained when a series occurred almost beneath a network, as for example in the Lleyn Peninsula. Tremors in the Midlothian coalfield area usually have small depth errors due to the proximity of LOWNET stations and can be seen to lie in the first one or two kilometres near the coal workings.

For events at larger distances, depth errors may be up to tens of kilometres. The quality factor of the event as listed in the tables (Q), is an indication of the depth error. As a general guide only A, and possibly B class events have reliable depths.

4.3 Seismicity Distribution

Owing to variability in the earthquake detection threshold, which is governed by ambient noise conditions and the geometry of the observing network (see 3.2 above), the catalogue is biased towards certain localities. In order to present a consistent picture of UK seismic activity, earthquakes with magnitude 2.5 ML or greater, in the period 1979-1987 have been plotted in Figure 4. The data set is considered complete for these magnitudes in all localities. Seismicity for 1969-1987 is shown in Figure 5 with a threshold magnitude of 3.5. This is the period covered by BGS instrumentation which consisted only of the network around Edinburgh (LOWNET) and Eskdalemuir (ESK) in the early years.

4.4 Magnitude

Almost all earthquakes in the catalogue have been assigned a local magnitude (ML) as defined by Richter (1935):

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

where A is the deflection (centre to peak in mm) registered by the earthquake 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, and later 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 world-wide today. The ML magnitudes in this catalogue have been calculated according to Richter by 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 was not possible, the mean of the magnitudes from a number of verticals has been used. Ground motion registered at a seismograph varies with site conditions, 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 errors on magnitudes quoted in the catalogue will normally be less than 0.4 ML.

4.5 Intensity

Intensity is a measure of the effect of the shaking on people, structures and objects. It decreases with distance from a maximum value (I_0) usually found close to the epicentre. The maximum felt intensity is quoted, where known, on the MSK scale (Medvedev et al., 1964).

5. Catalogue content and completeness

5.1 The geographical area

The catalogue covers all of the UK land mass and its coastal waters including the North Sea to 3°E and 60°N. The North Sea as a whole is covered in the BGS catalogue for that area (eg Newmark and Turbitt, 1985, Newmark et al. 1986, and Marrow et al. 1987 and 1988).

5.2 Events included

All events believed to be due to true tectonic origins have been included. That is, events caused by natural stresses with the earth.

Coalfield events are also included. These are small events occurring near the coal workings and are believed to be caused by the redistribution of stress as the coal is extracted and subsidence takes places.

5.3 Events excluded

Events that are known, or suspected to be of explosive origin are excluded from the catalogue. Explosions due to quarrying, mining, weapon testing or disposal, naval exercises, geophysical prospecting and civil engineering are all excluded where possible. Unfortunately, identification by record character, location and time of occurrence is not always positive and some man-made events may have been included in the catalogue or, more rarely, a small natural event may have been excluded.

Acoustic disturbances, such as sonic booms from supersonic aircraft are also excluded although when felt they are included in Table 3. The air-borne waves are readily identified by their slow travel time across an array or by their signature on a microphone.

5.4 Completeness

The contours of detection threshold in Figure 1 show that the whole of the UK is covered by the seismograph network for approximately magnitude 1.7, and above, at times of low ambient noise levels. High noise levels may cause this threshold to rise to about 2.5. Normally, however, an earthquake of this size would be felt if not detected in the areas of poorer instrumental coverage. The catalogue can, therefore, be assumed to be complete for all earthquakes of magnitude 2.5 and above.

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CATALOGUE OF EVENTS : 1987

Table 1

Listed Chronologically

Date	HrMnSecs	Lat	Lon	KmE	KmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	Q	SQD	Comments...
010187	095303.8	56.14	-4.07	271.5	695.8	0.0-0.2	GARGUNNOCK, CENTRAL		6	18	218	0.23	3.3	2.7	D	C*D		
030187	003417.5	55.85	-3.13	329.1	662.2	0.0 0.1	ROSEWELL, LOTHIAN		6	9	167	0.07	2.8	2.7	C	C*C	COALFIELD TYPE	
030187	165819.9	55.86	-3.10	330.9	664.0	7.2-0.1	ROSEWELL, LOTHIAN		6	8	197	0.09	1.8	1.4	C	B*D	COALFIELD TYPE	
060187	063957.4	54.76	-3.41	309.1	541.6	1.0 1.4	MARYPORT, CUMBRIA	10	50	337	0.26	17.5	12.7	D	D*D			
070187	232537.6	55.85	-3.14	328.7	662.0	0.0 0.0	ROSEWELL, LOTHIAN		6	9	162	0.04	2.3	2.3	C	B*C	COALFIELD TYPE	
080187	172232.4	55.85	-3.13	329.3	662.5	0.7 1.2	ROSEWELL, LOTHIAN		9	9	120	0.11	0.6	0.8	B	A*B	COALFIELD TYPE	
090187	174332.3	55.85	-3.14	329.0	662.9	1.1 0.5	ROSEWELL, LOTHIAN		8	8	120	0.14	1.0	1.3	B	B*B	COALFIELD TYPE	
130187	143430.1	52.21	-3.39	305.0	258.4	32.6-0.2	LLANDRINDOD, POWYS		5	17	152	0.19	16.0	10.3	D	D*D		
130187	170534.7	52.97	-4.40	239.2	344.3	23.0 0.5	LLEYN AFTERSHOCK		18	2	155	0.09	0.4	0.7	B	A*C		
140187	033750.9	55.85	-3.14	328.8	662.4	2.2 1.2	ROSEWELL, LOTHIAN		9	9	123	0.11	0.5	0.9	B	A*B	COALFIELD TYPE	
140187	123601.6	55.85	-3.13	329.1	662.9	1.1 1.0	ROSEWELL, LOTHIAN	2+	9	8	118	0.13	0.8	0.9	B	A*B	COALFIELD TYPE, FELT ROSEWELL: UNDERGROUND	
150187	011910.7	56.53	-6.34	133.4	746.4	5.0 0.8	ARDNAMURCHAN, HIGHLAND		4	99	278	0.08			C	A*D		
150187	180015.2	56.09	-3.10	331.4	688.7	0.2 0.2	KIRKCALDY, FIFE		9	19	115	0.18	1.0	1.8	C	B*C	OFFSHORE, COALFIELD TYPE	
150187	232712.4	55.85	-3.15	327.7	662.7	0.6 0.0	ROSEWELL, LOTHIAN		6	8	156	0.10	0.6	0.8	B	A*C	COALFIELD TYPE	
160187	005641.2	55.87	-3.14	328.6	664.2	1.4 0.7	ROSEWELL, LOTHIAN		8	7	114	0.28	1.8	2.0	B	B*B	COALFIELD TYPE	
160187	044100.2	55.85	-3.14	329.0	662.6	2.1 1.3	ROSEWELL, LOTHIAN		9	9	121	0.08	0.3	0.7	B	A*B	COALFIELD TYPE	
160187	090653.7	52.96	-4.39	239.7	342.8	23.4 0.2	LLEYN AFTERSHOCK	10	21	215	0.06	0.6	0.7	C	A*D			
160187	111345.6	51.82	-3.60	290.1	215.3	35.3 1.0	YSTRADFELLTE, POWYS		5	36	288	0.03	1.5	2.9	C	B*D		
160187	223302.4	56.10	-3.10	331.9	689.7	0.1-0.4	KIRKCALDY, FIFE		7	20	180	0.09	0.6	1.1	B	A*C		
190187	063658.2	55.85	-3.14	329.0	662.9	1.9 0.3	ROSEWELL, LOTHIAN		7	8	170	0.08	0.6	0.7	B	A*C	COALFIELD TYPE	
200187	145957.3	55.85	-3.14	328.6	662.4	1.6 0.7	ROSEWELL, LOTHIAN		8	9	124	0.11	0.6	0.9	B	A*B	COALFIELD TYPE	
200187	164943.7	55.86	-3.14	328.6	663.4	1.2 0.3	ROSEWELL, LOTHIAN		7	8	169	0.11	1.5	1.5	C	B*C	COALFIELD TYPE	
210187	163934.9	52.70	-2.96	335.4	311.7	2.5 0.7	HALFWAY HOUSE, SALOP		6	21	209	0.17	3.5	6.4	D	C*D		
220187	101308.9	55.88	-3.13	329.4	665.5	2.4 0.5	POLTON, LOTHIAN		8	6	112	0.08	0.5	0.8	B	A*B	COALFIELD TYPE	
220187	155725.7	55.85	-3.13	329.0	662.9	1.5 1.1	ROSEWELL, LOTHIAN	10	8	119	0.05	0.2	0.3	B	A*B	COALFIELD TYPE		
220187	185209.2	52.97	-4.43	237.0	344.3	21.6 0.9	LLEYN AFTERSHOCK		18	1	209	0.13	0.7	1.0	C	A*D		
230187	000338.8	56.40	-5.37	192.2	728.0	1.2 0.9	OBAN, STRATHCLYDE		4	68	322	0.04			C	A*D		
230187	030238.5	55.21	-2.99	336.7	591.4	0.5 0.4	LANGHOLM, DUM & GALL		6	9	230	0.17	2.3	1.9	C	B*D		
240187	125305.2	52.76	-3.03	330.3	318.0	7.2 0.5	N. WELSHPOOL, SALOP		10	23	202	0.08	0.6	2.4	C	B*D		
260187	001233.7	57.25	-5.79	171.6	824.3	7.1 0.0	LOCH CARRON, HIGHLAND		4	13	216	0.02			C	A*D		
290187	091845.9	56.03	-5.10	207.0	686.1	0.5 0.9	GLENDARUEL, STRATHCLYDE		7	30	297	0.13	12.8	10.4	D	D*D		
300187	105457.3	56.38	-3.96	278.8	722.8	2.3 1.0	COMRIE, TAYSIDE		11	18	190	0.48	1.3	1.5	D	C*D		
300187	224016.6	55.85	-3.10	331.1	662.4	0.5 0.7	ROSEWELL, LOTHIAN		4	31	250	0.22			C	B*D	COALFIELD TYPE	
310187	064032.9	56.31	-5.33	194.0	718.5	9.8 0.8	LOCH AWE, STRATHCLYDE		4	63	318	0.09			C	A*D		
310187	171608.2	55.85	-3.12	329.6	662.4	0.4 1.8	ROSEWELL, LOTHIAN		7	9	102	0.04	0.2	0.2	B	A*B	COALFIELD TYPE	
030287	083233.4	56.31	-5.32	194.9	717.9	5.0 1.7	OBAN, STRATHCLYDE		5	101	349	0.10	12.0	10.7	D	D*D		
030287	231032.1	53.27	-1.51	432.4	374.8	3.0 1.8	CHESTERFIELD, DERBYSHIRE	3+	3	70	349	0.01	0.0	0.0	C	A*D	FELT BOLSOVER VILLAGE NEAR CHESTERFIELD	
050287	072607.1	57.24	-5.58	183.9	822.7	3.2-0.2	KYLE, HIGHLAND		6	10	227	0.07	0.8	8.3	D	C*D		
060287	110303.4	51.31	-3.41	301.4	157.8	0.3 2.1	BRISTOL CHANNEL		7	56	196	0.17	3.3	36.4	D	C*D		
070287	042719.6	55.85	-3.15	328.1	662.4	3.4 0.7	ROSEWELL, LOTHIAN		10	9	126	0.18	0.8	2.3	B	B*B	COALFIELD TYPE	
070287	043840.8	55.86	-3.13	329.3	663.1	3.6 0.7	ROSEWELL, LOTHIAN		8	8	117	0.13	0.2	0.8	B	A*B	COALFIELD TYPE	
070287	170823.6	55.85	-3.12	330.1	662.9	0.5 0.7	ROSEWELL, LOTHIAN		9	9	114	0.09	0.4	0.4	B	A*B	COALFIELD TYPE	
090287	221315.3	56.40	-3.98	277.6	724.9	3.2 1.0	COMRIE, TAYSIDE	2+	11	18	202	0.29	1.8	3.3	C	B*D	FELT COMRIE	
100287	001345.5	59.96	-1.96	402.3	31119.4	5.0 0.6	OFFSHORE SHETLAND		3	41	345	0.00	0.0	0.0	C	A*D		
110287	034504.0	56.09	-3.12	330.0	689.2	0.5-0.4	KIRKCALDY, FIFE		6	19	225	0.08	0.6	0.4	C	A*D		
110287	063806.7	55.85	-3.14	328.6	662.8	2.7 0.0	ROSEWELL, LOTHIAN		6	8	166	0.13	0.9	31.1	C	C*C	COALFIELD TYPE	
110287	064239.3	55.86	-3.12	329.9	663.4	4.0 0.3	ROSEWELL, LOTHIAN		6	8	183	0.14	1.6	7.6	D	C*D	COALFIELD TYPE	
110287	102439.1	53.96	-1.55	429.6	451.3	13.3 1.0	LEEDS, YORKSHIRE		4	5	334	0.07			C	A*D	COALFIELD TYPE	

Table 1 (cont'd)

CATALOGUE OF EVENTS : 1987

Listed Chronologically

Date	HrMnSecs	Lat	Lon	KmE	KmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	Q	SQD	Comments...
120287	022223.8	56.17	-3.00	338.0	697.8	6.9	0.0	BUCKHAVEN, FIFE		9	30	141	0.59	3.9	24.1	D	D*C	
120287	104612.7	55.86	-3.13	329.4	663.5	3.1	0.0	ROSEWELL, LOTHIAN		6	8	178	0.08	0.7	8.6	C	C*C	COALFIELD TYPE
130287	012100.6	56.09	-3.13	329.5	689.2	0.0	-0.5	KIRKCALDY, FIFE		5	19	224	0.05	0.9	0.9	C	A*D	
130287	031522.4	56.09	-3.11	330.7	689.0	2.4	-0.5	KIRKCALDY, FIFE		6	19	176	0.16	0.5	1.7	C	B*C	
130287	201156.5	57.73	-5.49	192.5	876.9	5.0	1.9	LOCH MARIE, HIGHLAND		8	28	242	0.11	1.5	1.2	C	B*D	
130287	224811.9	56.10	-3.11	331.2	689.7	5.5	-0.4	KIRKCALDY, FIFE		6	20	179	0.08	0.9	1.6	B	A*C	
140287	055641.5	52.97	-4.39	239.4	344.4	23.9	0.6	LLEYN AFTERSHOCK	18	2	150	0.13	0.7	1.0	B	A*C		
140287	075222.4	55.86	-3.13	329.0	663.5	2.4	0.3	ROSEWELL, LOTHIAN		5	8	174	0.07	0.5	1.1	C	A*D	COALFIELD TYPE
140287	230355.8	56.41	-3.98	277.6	725.5	2.9	2.2	COMRIE, TAYSIDE	3+	14	18	204	0.25	1.6	2.6	C	B*D	FELT COMRIE & CRIEFF
140287	230738.8	56.41	-3.98	277.6	725.8	4.0	0.4	COMRIE, TAYSIDE		6	18	206	0.21	0.5	7.3	D	C*D	
150287	210222.3	55.85	-3.09	331.8	661.9	4.1	-0.2	CARRINGTON, LOTHIAN		4	9	196	0.06			C	A*D	COALFIELD TYPE
150287	211849.1	55.85	-3.14	328.6	662.7	0.6	-0.2	ROSEWELL, LOTHIAN		4	8	165	0.08			C	A*D	COALFIELD TYPE
190287	083018.2	55.89	-3.16	327.4	666.4	0.9	0.3	STRAITON, LOTHIAN		6	4	170	0.65	5.5	6.2	D	D*C	COALFIELD TYPE
190287	161657.5	56.12	-3.65	297.4	692.6	0.6	1.4	SALINE, FIFE		5	17	233	0.14	0.6	0.7	C	A*D	
190287	171527.5	49.26	-2.14			5.6	0.0	ST. JOHN'S BAY, JERSEY		7	4	266	0.21	2.3	4.2	C	B*D	
210287	044528.6	56.09	-3.10	331.6	689.6	0.4	-0.3	KIRKCALDY, FIFE		8	20	179	0.19	0.6	0.7	C	B*C	
210287	172112.1	52.96	-4.38	240.0	342.5	21.9	0.6	LLEYN AFTERSHOCK	23	4	171	0.10	0.4	0.4	B	A*C		
220287	072045.7	55.46	-2.45	371.7	618.1	0.5	0.5	JEDBURGH, BORDERS		6	13	163	0.45	3.3	2.5	C	C*C	
230287	020837.7	52.94	-2.43	371.2	338.1	10.5	2.6	MARKET DRAYTON, SALOP		18	47	115	0.08	0.3	0.8	B	A*C	
230287	085101.0	52.93	-3.94	269.6	339.2	15.5	-0.2	L.TRAWSFYNYDD, GWYNEDD		17	6	86	0.16	0.7	0.9	B	B*A	
240287	175127.4	55.85	-3.13	329.5	662.7	6.0	0.5	ROSEWELL, LOTHIAN		7	9	118	0.10	0.7	1.0	B	A*B	COALFIELD TYPE
250287	020355.9	55.87	-3.12	329.9	664.2	6.8	-0.5	POLTON, LOTHIAN		5	8	188	0.01	0.2	0.2	C	A*D	COALFIELD TYPE
250287	142544.0	56.41	-4.00	276.8	726.0	2.3	0.9	COMRIE, TAYSIDE		7	19	209	0.24	0.6	0.6	C	B*D	
270287	010243.3	55.85	-3.14	328.7	662.6	0.0	1.3	ROSEWELL, LOTHIAN		10	9	122	0.10	0.4	0.4	B	A*B	COALFIELD TYPE
070387	034737.7	55.92	-3.07	333.1	670.4	0.4	0.0	DANDERHALL, LOTHIAN		6	7	180	0.16	2.0	1.9	C	B*D	COALFIELD TYPE
070387	234218.1	57.71	-5.06	217.4	873.2	11.1	0.7	BRAEMORE, HIGHLAND		6	27	341	0.10	3.3	4.8	D	C*D	
080387	193011.3	55.86	-3.13	329.1	664.1	2.8	-0.3	ROSEWELL, LOTHIAN		6	7	177	0.07	0.8	13.5	C	C*C	COALFIELD TYPE
090387	230857.5	52.70	-2.55	362.8	311.7	3.4	1.3	TELFORD, SHROPSHIRE		10	28	166	0.19	1.1	2.5	C	B*C	
110387	025215.5	55.85	-3.13	329.0	662.5	3.8	0.4	ROSEWELL, LOTHIAN		6	9	169	0.11	1.2	7.4	C	C*C	COALFIELD TYPE
120387	092859.0	52.48	-2.44	370.1	287.2	14.0	2.5	BRIDGNORTH, SALOP		16	15	86	0.14	0.6	0.9	B	A*B	
130387	074350.2	55.89	-3.14	328.6	666.5	6.1	0.1	LOANHEAD, LOTHIAN	2+	6	5	189	0.12	1.5	2.5	C	B*D	COALFIELD TYPE, FELT LOANHEAD
140387	133921.9	55.20	-4.12	265.2	591.9	20.0	0.5	MONIAIVE, DUM & GALL		4	59	345	0.15	0.0	0.0	C	B*D	
170387	223750.2	55.87	-3.10	331.1	664.4	6.2	0.1	BONNYRIGG, LOTHIAN		6	8	201	0.06	1.0	1.6	C	A*D	COALFIELD TYPE
180387	012657.0	56.10	-3.11	331.1	690.0	5.8	0.0	KIRKCALDY, FIFE		9	20	179	0.08	0.5	0.9	B	A*C	OFFSHORE, COALFIELD TYPE
230387	190246.0	55.86	-3.16	327.1	663.7	0.5	-0.4	ROSEWELL, LOTHIAN		4	7	153	0.04			C	A*D	COALFIELD TYPE
240387	034239.7	55.89	-3.09	332.2	667.0	4.4	-0.2	ESKBANK, LOTHIAN		5	7	230	0.15	4.7	7.0	D	C*D	COALFIELD TYPE
240387	042302.5	55.91	-3.10	331.5	668.7	7.8	0.1	DANDERHALL, LOTHIAN		6	6	240	0.17	3.0	2.7	D	C*D	COALFIELD TYPE
300387	035250.8	56.46	-4.54	243.2	732.4	8.3	1.1	CRIANLARICH, CENTRAL		5	33	291	0.07	4.9	115.4	D	C*D	
010487	194745.9	55.86	-3.09	332.0	664.0	8.4	0.2	DALHOUSIE, LOTHIAN		6	9	208	0.00	0.0	0.1	C	A*D	COALFIELD TYPE
020487	175538.4	55.90	-3.09	332.1	668.0	7.2	-0.1	SHERIFFHALL, LOTHIAN		5	7	238	0.03	1.4	0.7	C	B*D	COALFIELD TYPE
030487	045619.3	56.09	-3.07	333.5	689.0	15.0	-0.3	KIRKCALDY, FIFE		7	20	181	0.13	2.6	4.2	D	C*D	
030487	051759.8	55.85	-3.14	328.5	661.9	2.4	0.0	ROSEWELL, LOTHIAN		5	9	160	0.14	0.1	0.2	C	A*D	COALFIELD TYPE
040487	224300.5	50.32	-5.18	173.4	51.1	3.4	0.3	PERRANPORTH, CORNWALL		10	13	246	0.06	0.8	2.9	C	B*D	
120487	110456.0	52.68	-3.07	327.6	309.6	10.8	2.4	WELSHPOOL, POWYS		25	22	61	0.15	0.4	0.6	B	A*C	
130487	040640.4	56.48	-4.53	243.9	734.3	9.0	1.6	CRAINLARICH, CENTRAL		5	34	291	0.14	5.1	68.4	D	D*D	
140487	110340.1	52.68	-3.05	329.0	309.7	14.7	1.0	WELSHPOOL, POWYS		7	21	178	0.06	1.0	2.8	C	B*C	
160487	234419.4	52.33	-1.55	430.6	270.0	0.3	1.8	COVENTRY, WEST MIDLANDS		22	33	230	0.31	1.6	1.3	D	C*D	
180487	112930.3	53.28	-1.81	412.8	375.7	2.2	1.9	BUXTON, DERBYSHIRE		11	66	169	0.23	2.0	1.3	C	B*D	
180487	162802.8	57.22	-5.47	190.5	820.0	1.9	0.3	SHIEL BRIDGE, HIGHLAND		4	3	202	0.05	0.0	0.0	C	A*D	

Table 1 (cont'd)

CATALOGUE OF EVENTS : 1987

Listed Chronologically

Date	HrMnSecs	Lat	Lon	KmE	KmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	Q	SQD	Comments...
190487	053454.8	55.22	-3.36	313.6	592.7	2.7	0.6	BORELAND, DUM & GALL		8	14	248	0.07	0.8	2.0	C	B*D	
200487	051852.0	59.57	1.78			10.6	2.5	NORTH SEA		18177	185	0.65	5.0	6.1	D	D*D		
210487	113310.9	56.42	-3.99	277.0	726.9	2.4	1.5	COMRIE, TAYSIDE	2+	11	18	212	0.15	0.6	0.7	C	A*D	FELT COMRIE
230487	185210.8	50.13	-5.06	181.7	30.6	0.6-0.7		FALMOUTH BAY, CORNWALL		6	5	269	0.02	0.6	4.2	C	B*D	
260487	085206.1	56.07	-3.98	276.6	688.5	2.7	1.1	CHARTERSHALL, CENTRAL		11	26	172	0.07	0.3	1.3	B	A*C	
280487	211035.9	52.98	-4.40	239.2	344.9	24.9	1.1	LLEYN AFTERSHOCK		21	2	81	0.10	0.3	0.7	A	A*A	
290487	094218.9	53.00	-4.33	243.9	347.8	17.1	0.1	LLEYN AFTERSHOCK		6	7	214	0.23	3.5	3.5	D	C*D	
010587	052151.8	52.71	-0.82	479.9	313.6	7.6	2.1	MELTON MOWBRAY, LEICS	2+	18	23	135	0.13	0.6	1.1	B	A C	FELT OAKHAM
010587	060952.1	52.74	-0.82	479.4	316.7	10.5	2.7	MELTON MOWBRAY, LEICS	4+	22	24	129	0.34	1.4	2.0	C	C	FELT OAKHAM
020587	133623.1	57.01	-4.62	241.1	794.4	5.9	1.5	INVERGARRY, HIGHLAND		18	54	155	0.27	1.2	3.5	C	B*D	
030587	140829.8	56.26	-3.74	292.0	708.3	3.6	0.6	BLACKFORD, TAYSIDE		11	15	106	0.11	0.4	1.1	B	A*C	
030587	224820.8	56.68	-6.24	140.2	761.9	11.3	2.5	MULL, HIGHLAND		16	37	255	0.25	1.6	1.6	C	B*D	
040587	002218.5	56.66	-6.21	142.2	760.1	4.1	1.8	MULL AFTERSHOCK		12	37	249	0.14	1.2	1.2	C	B*D	
040587	165209.8	57.09	-5.42	192.9	804.8	4.8	0.1	LOCH HOURN, HIGHLAND		6	14	224	0.10	2.2	2.7	C	B*D	
050587	032915.7	56.66	-6.23	140.6	759.9	7.3	2.0	MULL AFTERSHOCK		10	38	251	0.09	2.9	5.1	D	C*D	
070587	020837.0	52.17	-2.67	354.2	252.4	19.5	0.9	LEOMINSTER, HEREFORD		10	17	92	0.09	0.8	1.4	B	A*B	
080587	004154.2	56.61	-6.13	146.6	754.2	7.1	1.7	MULL AFTERSHOCK		10	39	267	0.11	4.4	6.9	D	C*D	
080587	010406.2	56.65	-6.21	142.2	758.8	3.9	1.9	MULL AFTERSHOCK		11	38	270	0.20	1.9	2.1	C	B*D	
080587	020406.2	56.73	-6.38	132.2	768.2	12.9	2.0	MULL AFTERSHOCK		5	40	335	0.41	4.5	2.9	D	C*D	
140587	234213.7	56.11	-3.09	332.1	691.1	1.2-0.3		KIRKCALDY, FIFE		7	21	234	0.09	2.2	1.3	C	B*D	OFFSHORE, COALFIELD TYPE
150587	054201.3	52.98	-4.41	238.3	344.7	21.6	0.5	LLEYN AFTERSHOCK		13	1	81	0.17	0.8	1.2	B	B*A	
150587	155217.4	56.12	-3.63	298.4	692.6	0.0	1.4	BLAIRHALL, FIFE		10	17	121	0.20	0.9	1.2	C	B*C	COALFIELD TYPE
150587	202218.7	53.48	-1.28	447.7	398.4	0.6	2.0	SWINTON, S. YORKSHIRE		11	58	222	0.23	2.3	1.3	C	B*D	
150587	225821.3	56.10	-3.09	332.0	690.0	0.0-0.4		KIRKCALDY, FIFE		6	20	181	0.11	1.4	1.5	C	B*D	OFFSHORE, COALFIELD TYPE
160587	000159.8	50.11	-5.17	173.3	27.7	5.2	0.5	CONSTANTINE, CORNWALL		12	4	171	0.03	0.4	0.3	B	A C	
160587	140638.0	56.66	-6.23	141.1	760.0	10.2	2.1	MULL AFTERSHOCK		9	38	270	0.14	1.8	2.3	C	B*D	
170587	040852.5	55.87	-3.13	329.4	664.5	1.2	0.4	LASSWADE, LOTHIAN		6	7	183	0.02	0.4	0.3	C	A*D	COALFIELD TYPE
180587	074657.0	55.90	-3.06	333.5	668.3	2.7	0.3	DALKEITH, LOTHIAN		5	8	249	0.03	0.2	4.9	C	B*D	COALFIELD TYPE
180587	132825.4	53.66	-2.03	397.9	417.9	11.4	1.8	HUDDERSFIELD, W. YORKS		21	43	140	0.20	1.4	2.6	C	B*C	
180587	235130.2	55.90	-3.01	336.6	668.3	3.7	0.0	COUSLAND, LOTHIAN		5	11	165	0.09	0.0	0.2	C	A*D	COALFIELD TYPE
190587	035111.3	55.85	-3.14	328.9	662.8	1.1	1.0	ROSEWELL, LOTHIAN		10	8	120	0.06	0.3	0.3	B	A*B	COALFIELD TYPE
210587	094755.9	55.85	-3.12	330.0	663.0	0.5	0.2	ROSEWELL, LOTHIAN		6	9	182	0.08	9.8	7.5	D	D*D	COALFIELD TYPE
260587	130702.7	56.66	-6.09	149.1	759.6	6.7	1.8	MULL AFTERSHOCK		8120	338	0.69	28.6	21.7	D	D*D		
290587	082620.7	55.84	-3.15	328.1	661.8	0.3	1.1	ROSEWELL, LOTHIAN		9	9	130	0.14	0.3	0.4	B	A*B	COALFIELD TYPE
290587	084118.3	55.85	-3.14	328.6	662.6	0.5	0.6	ROSEWELL, LOTHIAN		6	9	165	0.06	1.0	1.1	B	A*C	COALFIELD TYPE
290587	120320.6	56.60	-5.67	174.9	750.9	11.4	1.5	LOCH LINNHE, HIGHLAND		9	70	242	0.25	3.0	2.1	D	C*D	
290587	144533.1	55.84	-3.15	328.0	661.6	0.2	1.1	ROSEWELL, LOTHIAN		9	9	132	0.16	0.4	0.4	B	B*B	COALFIELD TYPE
290587	205245.3	55.86	-3.11	330.3	663.3	0.5	0.4	ROSEWELL, LOTHIAN		6	9	187	0.03	0.7	0.6	C	A*D	COALFIELD TYPE
300587	130226.1	51.98	-3.84	273.4	233.4	13.0	1.5	S.LLANDOVERY, POWYS		29	40	212	0.16	0.7	1.7	C	B*D	
310587	180054.0	55.85	-3.12	330.1	663.0	0.5	0.4	ROSEWELL, LOTHIAN		6	9	183	0.04	5.4	4.1	D	D*D	COALFIELD TYPE
010687	131008.4	52.96	-4.39	239.5	343.5	20.0	0.8	LLEYN AFTERSHOCK		16	3	85	0.15	0.6	1.0	B	B*A	
020687	122431.5	55.85	-3.14	328.7	662.9	0.5	0.4	ROSEWELL, LOTHIAN		6	8	168	0.07	1.1	1.3	C	B*C	COALFIELD TYPE
050687	001920.1	52.95	-4.39	239.3	342.2	24.0	1.6	LLEYN AFTERSHOCK		22	4	95	0.15	0.6	1.3	B	B*B	
050687	063253.5	55.86	-3.12	330.0	663.4	0.5	0.4	ROSEWELL, LOTHIAN		6	8	184	0.07	1.5	1.4	C	B*D	COALFIELD TYPE
050687	074031.4	55.85	-3.14	328.7	662.8	1.0	1.3	ROSEWELL, LOTHIAN		9	8	121	0.06	0.3	0.4	B	A*B	COALFIELD TYPE
050687	160331.7	52.12	-2.56	361.5	247.5	13.6	1.2	GREAT MALVERN, WORCS		5	10	201	0.01	0.5	0.9	C	A*D	
050687	175959.2	55.85	-3.14	328.7	662.5	0.5	0.9	ROSEWELL, LOTHIAN		8	9	123	0.06	0.5	0.6	B	A*B	COALFIELD TYPE
060687	112602.1	56.66	-6.20	142.5	760.2	13.0	1.6	MULL AFTERSHOCK		7	77	269	0.34	7.0	6.0	D	D*D	
060687	161633.6	56.66	-6.23	141.1	760.2	14.6	1.6	MULL AFTERSHOCK		8	78	270	0.41	7.2	5.1	D	D*D	
080687	011403.5	52.18	-3.55	294.4	254.6	16.6	1.7	BUILTH, POWYS		8	18	195	0.06	0.9	0.8	C	A*D	

CATALOGUE OF EVENTS : 1987

Table 1 (cont'd)

DATE	HRSNECS	LAT	LON	KME	DEP	Mag	Locality	INT	NO	DM	GAP	RMS	ERH	ERZ	A	SQD	Comments . . .
090687	145505.5	50.23	-5.26	167.8	41.4	0.6	-0.3	CAMBORNE, CORNWALL	6	5	322	0.02	0.4	4.8	C*B*D	COALFIELD TYPE	
100687	063808.8	55.86	-3.15	327.9	663.7	1.0	0.7	ROSEWELL, LOTHIAN	8	7	119	0.08	0.5	0.7	B	A*B*	COALFIELD TYPE
110687	162317.7	53.41	-4.44	238.1	176.5	3.15	327.8	11.6	0.0	NORTH ANGLESAY, GWYNEDD	11	6	0.0	0.3	0.3	C*A*D	COALFIELD TYPE
110687	120350.9	56.36	-5.62	176.5	724.3	8.4	1.2	FIRTH OF LORN, HIGHLAND	5	64	339	0.11	4.2	1.5	1.9	B*B*D	COALFIELD TYPE
140687	110211.2	55.85	-3.15	327.8	662.3	0.4	1.2	ROSEWELL, LOTHIAN	8	9	128	0.28	1.5	1.2	1.2	ROSEWELL, LOTHIAN	COALFIELD TYPE
150687	053159.7	55.85	-3.13	329.0	662.3	0.0	0.5	ROSEWELL, LOTHIAN	7	9	123	0.04	0.3	0.3	B	A*B*	ROSLIN
170687	005736.4	55.84	-3.16	327.4	661.6	0.1	1.6	ROSEWELL, LOTHIAN	14	11	189	0.28	2.2	2.2	2.2	B*A*B	COALFIELD TYPE, FELT
180687	054851.6	55.85	-3.16	327.6	662.1	0.0	1.1	ROSEWELL, LOTHIAN	6	9	132	0.16	0.7	0.8	B*B*	COALFIELD TYPE	
200687	032835.1	55.85	-3.16	327.6	662.1	0.0	1.1	ROSEWELL, LOTHIAN	5	9	131	0.10	0.4	0.5	C	A*D	COALFIELD TYPE
250687	192609.2	55.85	-3.15	327.7	661.9	0.1	1.2	ROSEWELL, LOTHIAN	5	9	131	0.10	0.0	0.0	C	A*D	COALFIELD TYPE
240687	150510.1	55.85	-3.15	327.7	662.3	0.1	1.2	ROSEWELL, LOTHIAN	5	9	134	0.04	0.0	0.0	C	A*D	COALFIELD TYPE
230687	041839.1	55.85	-3.12	330.0	662.7	0.5	0.2	ROSEWELL, LOTHIAN	6	9	180	0.03	6.1	4.7	D*D	COALFIELD TYPE	
180687	184509.5	55.85	-3.14	328.9	662.7	0.5	0.2	ROSEWELL, LOTHIAN	2+	9	93	0.08	0.3	0.5	B	A*B*	ROSLIN
180687	064539.3	52.96	-4.40	238.8	343.4	23.1	0.7	LEVEN AFTERSHOCK	18	3	93	0.08	0.3	0.5	B	A*B*	COALFIELD TYPE, FELT
180687	184509.5	55.85	-3.14	328.9	662.7	0.2	1.4	ROSEWELL, LOTHIAN	2+	9	93	0.08	0.3	0.5	B	A*B*	COALFIELD TYPE, FELT
220687	005736.4	55.84	-3.16	327.4	661.6	0.1	1.3	ROSEWELL, LOTHIAN	14	11	189	0.28	2.2	2.2	2.2	B*A*B	COALFIELD TYPE, FELT
170687	053159.7	55.85	-3.13	329.0	662.3	0.0	0.5	ROSEWELL, LOTHIAN	7	9	123	0.04	0.3	0.3	B	A*B*	ROSLIN
150687	053159.7	55.85	-3.12	330.0	662.7	0.0	0.5	ROSEWELL, LOTHIAN	7	9	121	0.04	0.3	0.5	B	A*B*	ROSLIN
220687	184509.5	55.85	-3.14	328.9	662.7	0.2	1.4	ROSEWELL, LOTHIAN	2+	9	93	0.08	0.3	0.5	B	A*B*	COALFIELD TYPE, FELT
180687	064539.3	52.96	-4.40	238.8	343.4	23.1	0.7	LEVEN AFTERSHOCK	18	3	93	0.08	0.3	0.5	B	A*B*	COALFIELD TYPE, FELT
180687	184509.5	55.85	-3.14	328.9	662.7	0.2	1.4	ROSEWELL, LOTHIAN	2+	9	93	0.08	0.3	0.5	B	A*B*	COALFIELD TYPE, FELT
170687	005736.4	55.84	-3.16	327.4	661.6	0.1	1.3	ROSEWELL, LOTHIAN	14	11	189	0.28	2.2	2.2	2.2	B*A*B	COALFIELD TYPE, FELT
170687	005736.4	55.85	-3.16	327.6	662.1	0.0	1.1	ROSEWELL, LOTHIAN	14	11	189	0.28	2.2	2.2	2.2	B*A*B	COALFIELD TYPE, FELT
180687	054851.6	55.85	-3.14	328.8	662.9	1.5	0.5	ROSEWELL, LOTHIAN	4	8	120	0.01	0.0	0.0	C	A*D	COALFIELD TYPE
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	102	0.01	0.0	0.6	A*A	FELT STITHIANS AREA	
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1	50.17	-5.17	35.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	181	0.01	0.0	0.5	B	A*B*	FELT STITHIANS AREA
120787	030743.1</td																

Table 1 (cont'd)

CATALOGUE OF EVENTS : 1987

Listed Chronologically

Date	HrMnSecs	Lat	Lon	KmE	KmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	Q	SQD	Comments...
080887	173152.1	55.21	-2.96	338.7	590.8	5.6	0.2	LANGHOLM, DUM & GALL	5	11	199	0.08	2.1	5.2	C	B*D	C*D	
090887	161049.7	55.40	-3.29	318.4	612.2	4.7	0.8	MOFFAT WATER, DUM & GAL	16	10	166	0.40	3.5	8.3	C	C*C		
100887	193300.6	55.84	-3.20	324.9	661.0	2.2	0.5	ROSEWELL, LOTHIAN	6	10	147	0.27	1.9	2.7	C	B*C	COALFIELD TYPE	
110887	214328.6	55.25	-3.37	313.2	595.7	1.0-0.3		JOHNSTONEBRIDGE, D & G	4	13	297	0.08	0.0	0.0	C	A*D		
130887	122844.1	52.00	-3.39	304.4	234.8	14.5	0.6	BRECON, POWYS.	7	12	198	0.08	1.8	2.0	C	B*D		
130887	160154.8	55.85	-3.11	330.2	663.0	5.1	0.9	ROSEWELL, LOTHIAN	6	9	184	0.05	0.7	1.6	C	A*D	COALFIELD TYPE	
140887	031624.5	55.86	-3.14	328.9	663.6	1.0-0.1		ROSEWELL, LOTHIAN	4	8	187	0.22	0.0	0.0	C	B*D	COALFIELD TYPE	
140887	233603.6	50.01	-5.53	146.8	17.7	12.7	1.0	S.PENZANCE, CORNWALL	7	27	328	0.08	3.0	6.1	D	C*D		
150887	005019.1	55.85	-3.17	326.9	662.8	3.7-0.1		ROSEWELL, LOTHIAN	4	8	147	0.06	0.0	0.0	C	A*D	COALFIELD TYPE	
170887	193011.1	55.85	-3.14	328.5	662.4	0.2	1.4	ROSEWELL, LOTHIAN	2+	10	9	124	0.10	0.3	0.3	B	A*B	COALFIELD TYPE, FELT ROSLIN
200887	032926.6	55.85	-3.11	330.6	662.6	2.0-0.2		ROSEWELL, LOTHIAN	4	9	299	0.03	0.0	0.0	C	A*D	COALFIELD TYPE	
200887	095608.5	55.85	-3.14	328.7	663.0	1.2	0.7	ROSEWELL, LOTHIAN	6	8	168	0.01	0.2	0.2	B	A*C	COALFIELD TYPE	
200887	195256.1	53.26	-2.73	351.3	374.4	6.8	1.1	RUNCORN, CHESHIRE	18	76	310	0.29	2.6	2.7	D	C*D		
220887	183113.3	52.96	-4.43	237.1	343.3	21.9-0.2		LLEYN AFTERSHOCK	9	2	302	0.08	0.8	0.7	C	A*D		
220887	223603.3	56.10	-3.10	331.4	689.8	0.6	0.2	KIRKCALDY, FIFE	8	20	179	0.11	0.7	1.2	B	A*C	COALFIELD TYPE	
230887	084510.1	55.86	-3.15	328.3	663.1	4.5-0.1		ROSEWELL, LOTHIAN	6	8	164	0.05	0.6	2.5	C	B*C	COALFIELD TYPE	
230887	180520.9	57.04	-5.80	169.7	800.4	2.6	0.5	MALLAIG, HIGHLAND	5	13	186	0.06	1.8	3.6	C	B*D		
260887	172042.9	53.14	-1.09	460.8	360.2	0.1	1.9	NW OLLERTON, NOTTS.	4+	10	47	298	0.56	4.2	3.5	D	D*D	FELT OLLERTON, NOTTS.
260887	173115.6	55.85	-3.14	328.7	662.6	0.2	1.4	ROSEWELL, LOTHIAN	4+	10	9	122	0.06	0.2	0.2	B	A*B	COALFIELD TYPE, FELT ROSLIN
280887	092256.5	55.85	-3.15	328.3	662.5	0.1	1.3	ROSEWELL, LOTHIAN	2+	10	9	125	0.18	0.6	0.6	B	B*B	COALFIELD TYPE, FELT ROSLIN
310887	034650.8	55.85	-3.14	328.4	662.6	0.1	1.1	ROSEWELL, LOTHIAN	2+	10	9	124	0.11	0.4	0.4	B	A*B	COALFIELD TYPE, FELT ROSLIN
020987	063033.1	52.97	-4.38	240.3	343.9	24.5	0.8	LLEYN AFTERSHOCK	2+	24	3	84	0.22	0.6	1.3	B	B*A	
020987	072957.6	55.85	-3.14	328.6	662.7	0.0	1.1	ROSEWELL, LOTHIAN	3+	10	8	122	0.10	0.3	0.3	B	A*B	COALFIELD TYPE, FELT ROSLIN
030987	121319.0	55.84	-3.15	327.7	661.7	0.4	1.0	ROSEWELL, LOTHIAN	10	9	132	0.27	0.3	0.3	B	B*B	COALFIELD TYPE	
050987	161321.8	57.12	-5.52	187.1	808.2	1.0	0.4	LOCH HOURN, HIGHLAND	5	12	192	0.02	0.4	0.5	C	A*D		
050987	161433.0	57.04	-5.69	176.2	800.5	6.5	2.0	LOCH NEVIS, HIGHLAND	8	16	152	0.15	2.3	3.0	C	B*C		
060987	093204.2	52.98	-4.41	238.2	345.0	20.0	1.8	LLEYN AFTERSHOCK	23	1	146	0.28	1.1	1.9	C	B*C		
070987	104240.8	53.00	-4.52	231.0	348.0	11.3	1.3	LLEYN, GWYNEDD	23	7	151	0.14	0.4	1.0	B	A*C		
070987	170809.7	55.86	-3.14	328.9	663.1	0.4	1.2	ROSEWELL, LOTHIAN	10	8	119	0.21	0.9	1.0	B	B*B	COALFIELD TYPE	
080987	120201.5	50.43	-4.43	227.2	61.4	9.1	0.9	SE LISKEARD, CORNWALL	7	36	149	0.10	0.3	9.7	C	C*C		
080987	225654.4	55.27	-1.09	457.8	597.2	8.2	0.8	NORTHUMBRIAN COAST	6	78	309	0.05	0.8	1.0	C	A*D	OFFSHORE EPICENTRE	
080987	225711.4	55.39	-1.03	461.6	610.8	10.4	2.1	NORTHUMBRIAN COAST	18	78	276	0.18	1.3	1.4	C	B*D	OFFSHORE EPICENTRE	
100987	161703.6	52.99	-4.43	237.1	345.9	20.0	0.8	LLEYN AFTERSHOCK	22	0	123	0.22	0.7	1.6	B	B*B		
130987	221530.4	50.26	-5.18	173.2	44.7	5.6-0.3	N ST DAY, CORNWALL	10	7	334	0.01	0.3	0.2	C	A*D			
160987	074324.8	52.54	-1.85	410.3	294.0	1.5	1.6	BIRMINGHAM, W. MIDLANDS	22	71	280	0.35	3.3	5.2	D	C*D		
180987	093348.1	56.72	-3.82	288.6	760.0	2.4	1.4	LOCH TUMMEL, TAYSIDE	10	28	263	0.12	1.2	1.3	C	B*D		
200987	095002.6	55.85	-3.14	328.5	662.2	1.8	1.0	ROSEWELL, LOTHIAN	11	1	125	0.09	0.4	0.2	B	A*B	COALFIELD TYPE	
210987	080718.7	59.82	1.56			5.0	2.3	NORTH SEA	18	157	170	0.81	5.3	6.6	D	D*D		
210987	080952.2	59.81	1.55			17.2	2.3	NORTH SEA	19	156	171	0.36	3.1	3.3	D	C*D		
220987	072154.9	55.88	-4.44	247.6	667.9	2.3	1.8	RENFREW, STRATHCLYDE	18	8	111	0.12	0.3	0.5	B	A*B		
230987	094014.5	55.88	-4.43	247.8	667.7	3.1	1.2	RENFREW, STRATHCLYDE	18	8	110	0.08	0.2	0.7	B	A*B		
230987	201131.8	55.86	-3.14	328.5	663.1	1.4	1.2	ROSEWELL, LOTHIAN	3+	12	1	120	0.14	0.6	0.3	B	A*B	COALFIELD TYPE, FELT ROSLIN
260987	020823.8	55.86	-3.14	328.7	663.5	2.1	0.2	ROSEWELL, LOTHIAN	5	8	170	0.07	1.0	1.2	C	B*D	COALFIELD TYPE	
270987	072502.8	52.90	-2.52	365.0	334.0	11.2	1.0	MARKET DRAYTON, SALOP	9	50	271	0.35	2.2	3.3	D	C*D		

Table 1 (cont'd)

CATALOGUE OF EVENTS : 1987

Listed Chronologically

Date	HrMnSecs	Lat	Lon	KmE	KmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	Q	SQD	Comments...	
280987	034504.7	55.87	-4.43	247.9	666.7	4.8	0.6	RENFREW, STRATHCLYDE		4	7	302	0.01	0.0	0.0	C	A*D		
280987	070649.0	55.88	-4.43	247.7	667.8	2.4	1.1	RENFREW, STRATHCLYDE		17	8	110	0.08	0.2	0.3	B	A*B		
300987	013744.4	55.86	-3.13	329.2	663.1	4.7	0.2	ROSEWELL, LOTHIAN		5	8	174	0.01	0.3	0.9	C	A*D	COALFIELD TYPE	
300987	133714.6	55.85	-3.13	329.0	662.2	0.5	0.4	ROSEWELL, LOTHIAN		6	9	167	0.05	5.7	5.2	D	D*C	COALFIELD TYPE	
300987	194925.7	55.86	-3.14	328.6	663.1	1.5	1.2	ROSEWELL, LOTHIAN	3+	12	1	120	0.08	0.3	0.2	B	A*B	COALFIELD TYPE, FELT ROSLIN	
011087	084945.7	56.41	-3.99	277.2	726.4	3.7	0.7	COMRIE, TAYSIDE		7	18	209	0.13	1.1	3.0	C	B*D		
011087	113645.4	56.11	-3.64	298.2	691.6	0.5	0.9	BLAIRHALL, FIFE		8	18	195	0.05	0.1	0.1	C	A*D	COALFIELD TYPE	
021087	130525.8	55.85	-3.15	328.1	662.1	4.9	0.5	ROSEWELL, LOTHIAN		6	9	157	0.03	0.3	1.1	B	A*C	COALFIELD TYPE	
031087	012933.6	55.85	-3.13	329.4	662.9	2.0	0.1	ROSEWELL, LOTHIAN		3	9	293	0.00	0.0	0.0	C	A*D	COALFIELD TYPE	
031087	022043.2	55.85	-3.15	327.7	662.6	1.1	-0.2	ROSEWELL, LOTHIAN		4	8	282	0.02	0.0	0.0	C	A*D	COALFIELD TYPE	
031087	024054.3	55.87	-4.44	247.6	667.3	2.4	0.5	RENFREW, STRATHCLYDE		4	8	299	0.01	0.0	0.0	C	A*D		
031087	025400.7	55.87	-4.44	247.6	666.8	4.8	0.7	RENFREW, STRATHCLYDE		7	7	156	0.01	0.1	0.3	B	A*C	F/S DOUBLE EVT, 2ND(0.5ML) 3.42 SECS LATER	
031087	025427.7	55.87	-4.44	247.2	666.9	2.2	0.4	RENFREW, STRATHCLYDE		4	7	296	0.01	0.0	0.0	C	A*D		
041087	022504.0	58.37	1.49			2.4	2.9	NORTH SEA		26236	179	0.53	2.4	1.7	D	D*D			
041087	125828.3	57.98	-5.20	210.5	903.0	0.4	3.0	ULLAPOOL, HIGHLAND	4+	12	53	231	0.13	1.4	1.1	C	B*D	FELT ULLAPOOL, ARDMAIR AND RHIROY	
041087	130127.4	57.96	-5.18	212.0	901.3	0.7	1.6	ULLAPOOL, HIGHLAND		2+	10	52	228	0.19	2.2	2.3	C	B*D	FELT ARDMAIR
041087	131628.2	57.98	-5.18	211.9	903.1	0.2	1.4	ULLAPOOL, HIGHLAND		8	54	244	0.18	3.5	3.4	D	C*D		
041087	145022.2	57.97	-5.18	211.7	902.7	0.2	2.0	ULLAPOOL, HIGHLAND		2+	9	53	229	0.17	2.5	2.7	C	B*D	FELT ARDMAIR
041087	172816.4	57.97	-5.19	211.5	902.3	0.5	3.0	ULLAPOOL, HIGHLAND		4+	13	53	229	0.17	1.6	1.2	C	B*D	FELT ULLAPOOL, ARDMAIR AND RHIROY
041087	173416.1	57.94	-5.06	219.0	898.9	0.1	1.3	ULLAPOOL, HIGHLAND		8	51	232	0.19	2.5	3.1	C	B*D		
051087	121908.6	52.96	-4.39	239.7	342.4	23.1	0.7	LLEYN AFTERSHOCK		20	4	88	0.08	0.3	0.7	A	A*A		
061087	025542.5	59.22	1.62			0.2	2.4	NORTH SEA		9207	302	0.77	25.2	12.7	D	D*D			
061087	044056.9	57.96	-5.16	212.7	900.9	0.6	1.7	ULLAPOOL, HIGHLAND		10	52	227	0.15	1.8	2.1	C	B*D		
061087	074130.6	57.91	-5.07	218.0	895.9	0.7	1.5	ULLAPOOL, HIGHLAND		8	48	230	0.34	4.3	6.7	D	C*D		
061087	075214.5	57.97	-5.22	209.5	902.7	0.9	2.2	ULLAPOOL, HIGHLAND		6	53	246	0.07	2.1	1.8	C	B*D		
061087	180227.9	55.85	-3.13	329.2	662.5	0.4	1.6	ROSEWELL, LOTHIAN	3+	12	2	120	0.04	0.1	0.1	B	A*B	COALFIELD TYPE, FELT ROSLIN	
071087	045545.5	49.98	-5.49	150.0	14.6	10.1	0.5	S PENZANCE, CORNWALL		6	24	328	0.06	3.2	8.6	D	C*D		
071087	045850.4	57.96	-5.14	214.3	900.7	0.5	1.6	ULLAPOOL, HIGHLAND		5	57	289	0.11	6.1	3.0	D	D*D		
071087	060435.8	57.96	-5.17	212.2	900.8	8.1	2.1	ULLAPOOL, HIGHLAND		7	51	242	0.30	3.0	5.1	D	C*D		
071087	183040.9	55.85	-3.14	328.4	662.7	0.7	1.1	ROSEWELL, LOTHIAN	2+	12	1	123	0.12	0.5	0.4	B	A*B	COALFIELD TYPE, FELT ROSLIN	
081087	014440.1	55.90	-3.99	275.5	669.5	1.3	0.8	AIRDRIE, STRATHCLYDE		7	12	136	0.02	0.1	0.2	B	A*C		
081087	165411.4	57.95	-5.02	221.1	899.4	0.2	1.6	ULLAPOOL, HIGHLAND		7	50	283	0.31	2.5	5.4	D	C*D		
101087	123548.3	55.87	-4.43	247.9	666.9	4.8	2.3	RENFREW, STRATHCLYDE	4+	15	7	107	0.25	0.8	2.2	B	B*B	FELT IN RENFREW, ERSKINE & INCHINNAN	
101087	192833.2	55.87	-4.44	247.4	666.2	7.4	0.7	RENFREW, STRATHCLYDE		9	7	106	0.15	0.8	0.8	B	B*B		
131087	181841.0	55.86	-3.13	329.3	663.2	1.0	1.0	ROSEWELL, LOTHIAN		6	8	176	0.02	0.3	0.3	B	A*C	COALFIELD TYPE	
131087	192841.0	55.87	-4.43	247.8	666.9	4.9	0.7	RENFREW, STRATHCLYDE		8	7	157	0.04	0.2	0.7	B	A*C		
151087	032604.2	55.86	-3.15	327.9	663.2	1.6	1.0	ROSEWELL, LOTHIAN		11	0	101	0.12	0.6	0.2	B	A*B	COALFIELD TYPE	
161087	140534.6	57.95	-5.26	207.1	900.6	1.0	1.1	ULLAPOOL, HIGHLAND		10	64	294	0.73	6.4	5.3	D	D*D		
161087	163526.4	55.86	-3.15	327.9	663.1	2.5	0.9	ROSEWELL, LOTHIAN		6	8	159	0.09	1.0	1.0	C	B*C	COALFIELD TYPE	
171087	074438.8	57.93	-5.14	214.0	897.8	2.0	2.9	ULLAPOOL, HIGHLAND	3+	10	49	223	0.10	1.3	0.8	B	B*D	FELT ULLAPOOL	
171087	074715.6	57.94	-5.14	214.0	898.4	5.6	2.1	ULLAPOOL, HIGHLAND		12	49	224	0.27	2.2	1.6	C	B*D		
171087	095407.6	57.96	-5.19	211.3	900.8	4.8	2.5	ULLAPOOL, HIGHLAND	3+	10	51	228	0.08	0.9	2.2	C	B*D	FELT ULLAPOOL	
171087	204502.4	57.92	-5.05	219.6	896.2	3.6	1.2	ULLAPOOL, HIGHLAND		7	51	284	0.04	1.3	2.7	C	B*D		

Table 1 (cont'd)

CATALOGUE OF EVENTS : 1987

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Date	HrMnSecs	Lat	Lon	KmE	KmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	Q	SQD	Comments...
181087	013009.9	57.95	-5.20	210.5	899.5	7.0	2.3	ULLAPOOL, HIGHLAND	11	50	228	0.09	1.3	2.6	C	B*D		
191087	025913.1	55.87	-4.43	247.9	667.2	3.5	1.0	RENFREW, STRATHCLYDE	12	8	109	0.06	0.3	0.7	B	A*B		
191087	194438.6	52.96	-4.33	243.4	342.7	12.9	0.6	LLEYN, GWYNEDD	20	7	88	0.08	0.2	0.3	A	A*A		
201087	124443.3	55.85	-3.13	329.2	662.6	0.4	0.9	ROSEWELL, LOTHIAN	8	9	120	0.08	0.5	0.4	B	A*B	COALFIELD TYPE	
201087	191929.7	55.84	-3.16	327.6	661.7	0.3	1.1	ROSEWELL, LOTHIAN	2+	8	9	132	0.13	0.2	0.2	B	A*B	COALFIELD TYPE, FELT ROSLIN
231087	131046.7	52.96	-4.40	239.1	343.4	23.8	0.6	LLEYN AFTERSHOCK	17	3	88	0.08	0.3	0.7	A	A*A		
251087	032353.6	49.24	-2.28			7.4	0.2	SW GRONEZ POINT, JERSEY	7	6	322	0.01	0.3	0.2	C	A*D		
261087	205148.9	55.85	-3.15	328.0	662.9	4.4	0.0	ROSEWELL, LOTHIAN	6	8	159	0.07	1.3	4.0	C	B*C	COALFIELD TYPE	
261087	224703.6	55.85	-3.15	328.3	662.2	2.2	0.0	ROSEWELL, LOTHIAN	6	9	160	0.07	0.6	0.7	B	A*C	COALFIELD TYPE	
261087	230639.8	56.10	-3.74	291.6	691.6	2.8	1.4	CLACKMANNAN, CENTRAL	2+	6	22	136	0.02	0.1	26.6	C	C*C	COALFIELD TYPE, FELT ALLOA
271087	114247.2	57.93	-5.13	214.9	897.1	5.0	1.5	ULLAPOOL, HIGHLAND	8	48	222	0.21	2.7	2.4	D	C*D		
281087	070149.6	56.93	-4.55	244.7	785.3	0.2	1.9	SPEAN BRIDGE, HIGHLAND	9	61	234	0.20	1.7	3.1	C	B*D		
291087	021807.8	55.85	-3.14	328.4	662.5	0.2	1.2	ROSEWELL, LOTHIAN	3+	12	8	124	0.04	0.1	0.2	B	A*B	COALFIELD TYPE, FELT ROSLIN
301087	034948.8	55.85	-3.16	327.4	662.8	2.2	0.1	ROSEWELL, LOTHIAN	6	8	153	0.09	0.7	1.0	B	A*C	COALFIELD TYPE	
301087	210840.3	57.93	-5.12	215.2	898.0	5.8	1.6	ULLAPOOL, HIGHLAND	5	56	288	0.03	0.9	0.7	C	A*D		
301087	233417.8	55.85	-3.15	328.3	662.4	2.1	0.2	ROSEWELL, LOTHIAN	6	9	161	0.06	0.5	0.6	B	A*C	COALFIELD TYPE	
311087	031125.1	55.85	-3.12	329.6	662.8	0.9	0.6	ROSEWELL, LOTHIAN	8	9	117	0.08	0.5	0.5	B	A*B	COALFIELD TYPE	
311087	032934.9	57.94	-5.12	215.2	899.1	0.6	2.5	ULLAPOOL, HIGHLAND	11	56	262	0.11	2.2	1.1	C	B*D		
011187	045222.9	55.73	-5.43	184.6	653.2	0.9	1.4	KINTYRE, STRATHCLYDE	8	45	339	0.07	1.5	1.1	C	B*D		
051187	191040.4	55.87	-3.08	332.5	664.8	2.1	0.3	LASSWADE, LOTHIAN	5	9	218	0.02	0.8	0.4	C	A*D	COALFIELD TYPE	
061187	175536.4	55.85	-3.14	328.4	662.7	2.4	0.2	ROSEWELL, LOTHIAN	6	8	163	0.08	0.5	0.7	B	A*C	COALFIELD TYPE	
061187	230239.1	55.85	-3.15	327.8	662.1	0.1	1.1	ROSEWELL, LOTHIAN	3+	9	9	129	0.09	0.3	0.4	B	A*B	COALFIELD TYPE, FELT ROSLIN
071187	030746.4	55.86	-3.14	328.8	663.2	1.4-0.2		ROSEWELL, LOTHIAN	5	8	170	0.00	0.0	0.0	C	A*D	COALFIELD TYPE	
071187	040830.3	55.86	-3.10	330.9	663.7	4.7-0.3		ROSEWELL, LOTHIAN	5	9	195	0.06	1.7	3.4	C	B*D	COALFIELD TYPE	
071187	043403.3	55.86	-3.14	329.0	663.3	1.8-0.1		ROSEWELL, LOTHIAN	6	8	173	0.04	0.3	0.4	B	A*C	COALFIELD TYPE	
071187	044006.4	55.86	-3.13	329.3	663.3	1.4	0.0	ROSEWELL, LOTHIAN	5	8	176	0.03	0.5	0.6	C	A*D	COALFIELD TYPE	
071187	175920.3	55.87	-3.08	332.3	664.8	1.0-0.2		LASSWADE, LOTHIAN	3	9	216	0.01	0.0	0.0	C	A*D	COALFIELD TYPE	
081187	152856.0	55.85	-3.16	327.6	662.8	0.7	0.1	ROSEWELL, LOTHIAN	6	8	154	0.07	0.9	1.1	B	A*C	COALFIELD TYPE	
081187	161328.7	55.85	-3.16	327.3	663.0	2.4-0.4		ROSEWELL, LOTHIAN	5	8	153	0.03	0.4	0.4	C	A*D	COALFIELD TYPE	
091187	013314.9	54.22	-4.83	215.3	484.4	17.7	2.3	W.PEEL, ISLE OF MAN	4	39	13	146	0.27	0.6	0.5	C	B*C	FELT THROUGHOUT I.O.M
091187	112811.1	55.86	-3.12	329.8	663.9	0.4-0.2		ROSEWELL, LOTHIAN	5	8	185	0.14	1.6	1.4	C	B*D	COALFIELD TYPE	
091187	203008.5	55.86	-3.13	329.3	663.6	1.5	0.0	ROSEWELL, LOTHIAN	5	8	178	0.04	0.7	0.8	C	A*D	COALFIELD TYPE	
101187	085628.5	55.86	-3.13	329.2	663.6	1.8-0.1		ROSEWELL, LOTHIAN	5	8	176	0.02	0.3	0.3	C	A*D	COALFIELD TYPE	
101187	135259.8	56.91	-5.64	178.5	785.3	14.4	0.7	LOCHAILORT, HIGHLAND	5	36	338	0.25	4.8	10.9	D	C*D		
111187	093915.3	55.86	-3.11	330.4	663.2	1.0-0.1		ROSEWELL, LOTHIAN	6	9	187	0.04	1.0	0.9	C	B*D	COALFIELD TYPE	
121187	193828.5	55.86	-3.15	328.1	663.4	2.2	0.0	ROSEWELL, LOTHIAN	5	8	163	0.06	0.8	1.1	C	A*D	COALFIELD TYPE	
131187	161811.1	50.14	-5.26	167.2	31.6	3.3	0.5	NW WENDRON, CORNWALL	9	4	289	0.03	0.4	0.7	C	A*D		
131187	170015.5	50.14	-5.25	167.5	31.3	3.6-0.5		NW WENDRON, CORNWALL	8	4	314	0.01	0.2	0.2	C	A*D		
141187	014207.8	55.85	-3.16	327.1	662.9	1.5-0.3		ROSEWELL, LOTHIAN	5	8	149	0.04	0.6	0.9	C	A*D	COALFIELD TYPE	
141187	080948.4	56.91	-5.63	178.9	786.3	2.4	1.5	LOCHAILORT, HIGHLAND	5	35	337	0.06	5.0	4.6	D	C*D		
141187	224840.7	55.85	-3.14	328.8	662.6	0.7	1.6	ROSEWELL, LOTHIAN	2+	9	9	122	0.08	0.5	0.6	B	A	COALFIELD TYPE, FELT ROSLIN
161187	011908.1	52.96	-4.39	239.4	343.1	23.4	0.6	LLEYN AFTERSHOCK	19	3	86	0.10	0.3	0.6	A	A*A		
161187	025449.9	53.62	-2.41	372.7	414.2	16.8	2.3	BOLTON, LANCASHIRE	21	48	130	0.19	1.0	1.7	C	B*C		
171187	191019.4	56.10	-3.72	292.8	690.5	4.5	1.1	CLACKMANNAN, CENTRAL	7	22	136	0.26	1.9	5.0	C	C*C	COALFIELD TYPE	
171187	201822.0	55.86	-3.15	328.1	663.1	2.4	0.2	ROSEWELL, LOTHIAN	6	8	162	0.09	0.6	0.9	B	A*C	COALFIELD TYPE	
181187	015848.8	56.10	-3.73	292.1	690.6	1.1	0.2	CLACKMANNAN, CENTRAL	7	22	137	0.16	1.1	2.0	C	B*C	COALFIELD TYPE EVENT	

Table 1 (cont'd)

CATALOGUE OF EVENTS : 1987

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Date	HrMnSecs	Lat	Lon	KmE	KmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	Q	SQD	Comments...	
181187	091950.1	59.68	1.82			6.2	1.7	NORTH SEA		15175	177	0.83	6.3	7.0	D	D*D			
201187	030739.3	56.71	-5.71	173.1	763.8	0.5	2.6	ARDNAMURCHAN, HIGHLAND	3+	21	58	214	0.16	1.6	1.0	C	B*D	FELT LOCHAILORT	
211187	155626.9	55.86	-3.13	329.1	663.4	0.2-0.4		ROSEWELL, LOTHIAN		4	8	174	0.04	0.0	0.0	C	A*D	COALFIELD TYPE	
231187	074215.2	55.87	-4.44	247.6	666.7	6.0	0.5	RENFREW, STRATHCLYDE		6	7	247	0.04	0.5	0.6	C	A*D		
231187	201133.4	55.86	-3.13	329.5	663.3	0.5-0.1		ROSEWELL, LOTHIAN		5	8	179	0.03	0.7	0.9	C	A*D	COALFIELD TYPE	
241187	022104.2	55.86	-3.13	329.5	663.7	2.1	0.1	ROSEWELL, LOTHIAN		6	8	181	0.05	0.5	0.5	C	A*D	COALFIELD TYPE	
241187	080242.9	55.86	-3.11	330.4	663.5	0.5-0.1		ROSEWELL, LOTHIAN		6	8	189	0.09	2.0	1.8	C	B*D	COALFIELD TYPE	
251187	064525.4	55.87	-3.09	331.6	664.8	2.3	0.3	LASSWADE, LOTHIAN		6	8	209	0.04	0.5	0.4	C	A*D	COALFIELD TYPE	
251187	165045.9	55.86	-3.11	330.7	663.9	2.2	0.2	ROSEWELL, LOTHIAN		6	8	195	0.06	0.7	0.7	C	A*D	COALFIELD TYPE, LOW FREQ.	
261187	004418.0	55.85	-3.14	328.7	662.8	0.5	0.5	ROSEWELL, LOTHIAN		6	8	167	0.06	0.7	0.8	B	A*C	COALFIELD TYPE	
261187	195816.6	55.85	-3.14	328.7	662.8	0.2	1.1	ROSEWELL, LOTHIAN		9	8	121	0.06	0.3	0.3	B	A*B	COALFIELD TYPE	
271187	134137.4	55.85	-3.11	330.3	663.0	1.2	1.0	ROSEWELL, LOTHIAN		8	9	113	0.09	0.6	1.0	B	A*B	COALFIELD TYPE, LOW FREQ.	
281187	124622.0	59.48	2.13			5.0	2.9	NORTH SEA		23199	171	42	1.9	2.8	D	C*D			
291187	202042.7	53.56	-1.90	406.6	406.6	7.1	1.1	MOSSLEY, LANCASHIRE		5	20	288	0.09	2.3	3.8	C	B*D		
291187	223420.2	53.27	-4.98	201.1	379.2	10.0	1.1	W. OF HOLYHEAD, GWYNEDD		19	27	196	0.10	0.4	0.6	C	A*D		
021287	060535.6	57.27	-5.65	179.7	825.6	8.3-0.4		LOCH ALSH, HIGHLAND		4	8	246	0.22	0.0	0.0	C	B*D		
021287	101724.9	50.05	-7.62	-2.1	31.5	6.0	2.6	WEST OF SCILLY ISLES		5146	358	0.24	9.8	0.9	D	D*D			
031287	090824.6	52.96	-4.41	238.4	342.7	23.9	0.9	LLEYN AFTERSHOCK		21	3	106	0.11	0.4	0.6	B	A*B		
031287	155245.5	56.95	-5.56	183.8	789.9	1.4	0.6	LOCH MORAR, HIGHLAND		5	30	337	0.16	10.9	9.5	D	D*D		
031287	160114.9	57.40	-7.65	60.5	849.1	20.0	1.3	BENBECULA, W. ISLES		4121	352	0.20	0.0	0.0	C	B*D			
031287	203339.6	51.06	-2.78	345.0	129.4	6.3	2.1	SE BRIDGWATER, SOMERSET		10	64	328	0.08	2.2	4.3	C	B*D		
051287	074437.0	55.86	-3.14	328.7	663.2	2.9	1.3	ROSEWELL, LOTHIAN	3+	8	8	119	0.06	0.3	1.3	B	A*B	COALFIELD TYPE, FELT ROSLIN	
051287	102258.5	53.49	-1.98	401.6	399.2	8.8	2.6	MANCHESTER		4+	31	27	108	0.20	0.7	1.9	C	B*C	FELT OVER WIDE AREA OF GREATER MANCHESTER
051287	164722.3	53.50	-1.95	403.2	400.7	7.7	2.1	MANCHESTER			28	25	127	0.31	0.9	1.9	C	C*C	POSSIBLE A/S OF EVENT @ 10:23 GMT ON 05-12-87
061287	002058.3	51.07	-2.88	338.5	130.6	2.0	1.5	SE BRIDGWATER, SOMERSET		10	63	327	0.15	12.8	9.8	D	D*D		
071287	200229.4	55.85	-3.14	328.6	662.8	1.6	0.1	ROSEWELL, LOTHIAN		6	8	165	0.14	0.9	1.2	B	A*C	COALFIELD TYPE	
081287	160539.9	57.22	-5.40	194.4	819.5	1.2-0.3		SHIEL BRIDGE, HIGHLAND		4	2	210	0.13	0.0	0.0	C	A*D		
101287	122155.2	56.90	-5.55	183.8	784.7	18.0	1.2	SOUTH MORAR, HIGHLAND		5	35	340	0.12	2.1	2.7	C	B*D		
121287	142843.1	55.87	-3.09	331.9	664.6	0.3	1.3	LASSWADE, LOTHIAN	3+	7	9	112	0.04	0.3	0.5	B	A*B	COALFIELD TYPE, FELT LASSWADE	
121287	223734.5	57.95	-5.23	208.6	900.2	7.1	1.7	ULLAPOOL, HIGHLAND		7	50	230	0.09	1.6	2.4	C	B*D		
121287	233438.8	52.28	-3.25	314.5	265.0	8.5	1.7	L'DRINDOD WELLS, POWYS		23	22	98	0.14	0.5	1.8	B	A*C		
131287	031506.7	52.27	-3.24	315.3	264.9	7.4	0.0	L'DRINDOD WELLS, POWYS		8	22	121	0.07	0.4	1.5	B	A*C	POSSIBLE A/S OF EVENT @ 23:34 GMT ON 12-12-87	
161287	231556.3	52.03	-3.52	296.0	238.2	12.6	1.4	NW OF BRECON, POWYS		23	18	238	0.18	1.0	1.0	C	B*D		
171287	140432.8	57.03	-5.55	184.9	798.3	9.0	0.3	KNOYDART, HIGHLAND		4	22	330	0.01	0.0	0.0	C	A*D		
171287	231602.4	55.85	-3.14	328.6	661.9	0.1	0.6	ROSEWELL, LOTHIAN		8	9	127	0.06	0.3	0.4	B	A*B	COALFIELD TYPE	
181287	235254.2	52.96	-4.39	239.4	343.4	23.8	1.0	LLEYN AFTERSHOCK		25	3	85	0.09	0.3	0.5	A	A*A		
201287	003150.0	57.93	-5.18	211.6	898.4	8.4	1.3	ULLAPOOL, HIGHLAND		11	49	226	0.32	2.9	4.6	D	C*D		
201287	182803.9	57.94	-5.22	209.7	899.1	8.0	1.5	ULLAPOOL, HIGHLAND		7	49	244	0.09	1.4	2.2	C	B*D		
221287	063346.9	53.05	-1.69	420.9	351.0	12.3	2.2	ASHBOURNE, DERBYSHIRE		21	44	138	0.17	0.7	1.6	C	B*C		
221287	214220.1	55.85	-3.14	328.7	662.9	0.7	1.2	ROSEWELL, LOTHIAN	2+	9	8	121	0.09	0.5	0.7	B	A	COALFIELD TYPE, FELT ROSLIN	
231287	015150.4	55.85	-3.14	328.7	662.3	0.3	1.1	ROSEWELL, LOTHIAN		8	9	124	0.05	0.2	0.2	B	A*B	COALFIELD TYPE	
241287	185041.8	52.55	-2.35	376.5	294.7	13.5	0.5	BRIDGNORTH, SALOP		11	8	176	0.20	1.8	1.6	C	B*C		
291287	030505.8	57.57	-5.68	179.7	859.2	4.2	1.1	LOCH TORRIDON, HIGHLAND		6	24	293	0.04	0.6	0.7	C	A*D		

Table 2

CATALOGUE OF EVENTS : 1987

Listed in order of decreasing latitude

Date	Hr	Mn	Secs	Lat	Lon	KmE	KmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	Q	SQD	Comments...
100287	00	13	45.5	59.96	-1.96	402.3	1119.4	5.0	0.6	OFFSHORE SHETLAND	3	41	345	0.00	0.0	0.0	C	A*D		
210987	08	07	18.7	59.82	1.56	5.0	2.3	NORTH SEA		18157	170	0.81	5.3	6.6	D	D*D				
210987	08	09	52.2	59.81	1.55	17.2	2.3	NORTH SEA		19156	171	0.36	3.1	3.3	D	C*D				
181187	09	19	50.1	59.68	1.82	6.2	1.7	NORTH SEA		15175	177	0.83	6.3	7.0	D	D*D				
200487	05	18	52.0	59.57	1.78	10.6	2.5	NORTH SEA		18177	185	0.65	5.0	6.1	D	D*D				
281187	12	46	22.0	59.48	2.13	5.0	2.9	NORTH SEA		23199	171	0.42	1.9	2.8	D	C*D				
061087	02	55	42.5	59.22	1.62	0.2	2.4	NORTH SEA		9207	302	0.77	25.2	12.7	D	D*D				
041087	02	25	04.0	58.37	1.49	2.4	2.9	NORTH SEA		26236	179	0.53	2.4	1.7	D	D*D				
041087	12	58	28.3	57.98	-5.20	210.5	903.0	0.4	3.0	ULLAPOOL, HIGHLAND	4+	12	53	231	0.13	1.4	1.1	C	B*D	FELT ULLAPOOL, ARDMAIR AND RHIROY
041087	13	16	28.2	57.98	-5.18	211.9	903.1	0.2	1.4	ULLAPOOL, HIGHLAND		8	54	244	0.18	3.5	3.4	D	C*D	
061087	07	52	14.5	57.97	-5.22	209.5	902.7	0.9	2.2	ULLAPOOL, HIGHLAND		6	53	246	0.07	2.1	1.8	C	B*D	
041087	17	28	16.4	57.97	-5.19	211.5	902.3	0.5	3.0	ULLAPOOL, HIGHLAND	4+	13	53	229	0.17	1.6	1.2	C	B*D	FELT ULLAPOOL, ARDMAIR AND RHIROY
041087	14	50	22.2	57.97	-5.18	211.7	902.7	0.2	2.0	ULLAPOOL, HIGHLAND	2+	9	53	229	0.17	2.5	2.7	C	B*D	FELT ARDMAIR
171087	09	54	07.6	57.96	-5.19	211.3	900.8	4.8	2.5	ULLAPOOL, HIGHLAND	3+	10	51	228	0.08	0.9	2.2	C	B*D	FELT ULLAPOOL
041087	13	01	27.4	57.96	-5.18	212.0	901.3	0.7	1.6	ULLAPOOL, HIGHLAND	2+	10	52	228	0.19	2.2	2.3	C	B*D	FELT ARDMAIR
071087	06	04	35.8	57.96	-5.17	212.2	900.8	8.1	2.1	ULLAPOOL, HIGHLAND		7	51	242	0.30	3.0	5.1	D	C*D	
061087	04	40	56.9	57.96	-5.16	212.7	900.9	0.6	1.7	ULLAPOOL, HIGHLAND		10	52	227	0.15	1.8	2.1	C	B*D	
071087	04	58	50.4	57.96	-5.14	214.3	900.7	0.5	1.6	ULLAPOOL, HIGHLAND		5	57	289	0.11	6.1	3.0	D	D*D	
161087	14	05	34.6	57.95	-5.26	207.1	900.6	1.0	1.1	ULLAPOOL, HIGHLAND		10	64	294	0.73	6.4	5.3	D	D*D	
121287	22	37	34.5	57.95	-5.23	208.6	900.2	7.1	1.7	ULLAPOOL, HIGHLAND		7	50	230	0.09	1.6	2.4	C	B*D	
181087	01	30	09.9	57.95	-5.20	210.5	899.5	7.0	2.3	ULLAPOOL, HIGHLAND		11	50	228	0.09	1.3	2.6	C	B*D	
081087	16	54	11.4	57.95	-5.02	221.1	899.4	0.2	1.6	ULLAPOOL, HIGHLAND		7	50	283	0.31	2.5	5.4	D	C*D	
201287	18	28	03.9	57.94	-5.22	209.7	899.1	8.0	1.5	ULLAPOOL, HIGHLAND		7	49	244	0.09	1.4	2.2	C	B*D	
171087	07	47	15.6	57.94	-5.14	214.0	898.4	5.6	2.1	ULLAPOOL, HIGHLAND		12	49	224	0.27	2.2	1.6	C	B*D	
311087	03	29	34.9	57.94	-5.12	215.2	899.1	0.6	2.5	ULLAPOOL, HIGHLAND		11	56	262	0.11	2.2	1.1	C	B*D	
041087	17	34	16.1	57.94	-5.06	219.0	898.9	0.1	1.3	ULLAPOOL, HIGHLAND		8	51	232	0.19	2.5	3.1	C	B*D	
201287	00	31	50.0	57.93	-5.18	211.6	898.4	8.4	1.3	ULLAPOOL, HIGHLAND		11	49	226	0.32	2.9	4.6	D	C*D	
171087	07	44	38.8	57.93	-5.14	214.0	897.8	2.0	2.9	ULLAPOOL, HIGHLAND	3+	10	49	223	0.10	1.3	0.8	C	B*D	FELT ULLAPOOL
271087	11	42	47.2	57.93	-5.13	214.9	897.1	5.0	1.5	ULLAPOOL, HIGHLAND		8	48	222	0.21	2.7	2.4	D	C*D	
301087	21	08	40.3	57.93	-5.12	215.2	898.0	5.8	1.6	ULLAPOOL, HIGHLAND		5	56	288	0.03	0.9	0.7	C	A*D	
171087	20	45	02.4	57.92	-5.05	219.6	896.2	3.6	1.2	ULLAPOOL, HIGHLAND		7	51	284	0.04	1.3	2.7	C	B*D	
061087	07	41	30.6	57.91	-5.07	218.0	895.9	0.7	1.5	ULLAPOOL, HIGHLAND		8	48	230	0.34	4.3	6.7	D	C*D	
130287	20	11	56.5	57.73	-5.49	192.5	876.9	5.0	1.9	LOCH MAREE, HIGHLAND		8	28	242	0.11	1.5	1.2	C	B*D	
070387	23	42	18.1	57.71	-5.06	217.4	873.2	11.1	0.7	BRAEMORE, HIGHLAND		6	27	341	0.10	3.3	4.8	D	C*D	
200787	19	09	42.5	57.67	-5.25	206.3	869.4	6.1	1.8	KINLOCHEWE, HIGHLAND		7	20	213	0.13	2.0	1.9	C	B*D	
291287	03	05	05.8	57.57	-5.68	179.7	859.2	4.2	1.1	LOCH TORRIDON, HIGHLAND		6	24	293	0.04	0.6	0.7	C	A*D	
031287	16	01	14.9	57.40	-7.65	60.5	849.1	20.0	1.3	BENBECULA, W. ISLES		4	121	352	0.20	0.0	0.0	C	B*D	
021287	06	05	35.6	57.27	-5.65	179.7	825.6	8.3	-0.4	LOCH ALSH, HIGHLAND		4	8	246	0.22	0.0	0.0	C	B*D	
260187	00	12	33.7	57.25	-5.79	171.6	824.3	7.1	0.0	LOCH CARRON, HIGHLAND		4	13	216	0.02			C	A*D	
050287	07	26	07.1	57.24	-5.58	183.9	822.7	3.2	-0.2	KYLE, HIGHLAND		6	10	227	0.07	0.8	8.3	D	C*D	
180487	16	28	02.8	57.22	-5.47	190.5	820.0	1.9	0.3	SHIEL BRIDGE, HIGHLAND		4	3	202	0.05	0.0	0.0	C	A*D	
081287	16	05	39.9	57.22	-5.40	194.4	819.5	1.2	-0.3	SHIEL BRIDGE, HIGHLAND		4	2	210	0.13	0.0	0.0	C	A*D	
050987	16	13	21.8	57.12	-5.52	187.1	808.2	1.0	0.4	LOCH HOURN, HIGHLAND		5	12	192	0.02	0.4	0.5	C	A*D	
040587	16	52	09.8	57.09	-5.42	192.9	804.8	4.8	0.1	LOCH HOURN, HIGHLAND		6	14	224	0.10	2.2	2.7	C	B*D	
230887	18	05	20.2	57.04	-5.80	169.7	800.4	2.6	0.5	MALLAIG, HIGHLAND		5	13	186	0.06	1.8	3.6	C	B*D	
050987	16	14	33.0	57.04	-5.69	176.2	800.5	6.5	2.0	LOCH NEVIS, HIGHLAND		8	16	152	0.15	2.3	3.0	C	B*C	
171287	14	04	32.8	57.03	-5.55	184.9	798.3	9.0	0.3	KNOYDART, HIGHLAND		4	22	330	0.01	0.0	0.0	C	A*D	
160687	08	52	32.6	57.01	-5.81	168.5	797.6	3.9	1.6	MALLAIG, HIGHLAND		14	11	189	0.28	2.4	2.2	C	B*D	

Table 2 (cont'd)

CATALOGUE OF EVENTS : 1987

Listed in order of decreasing latitude

Date	HrMnSecs	Lat	Lon	KmE	KmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	Q	SQD	Comments...
020587	133623.1	57.01	-4.62	241.1	794.4	5.9	1.5	INVERGARRY, HIGHLAND	18	54	155	0.27	1.2	3.5	C	B*D		
031287	155245.5	56.95	-5.56	183.8	789.9	1.4	0.6	LOCH MORAR, HIGHLAND	5	30	337	0.16	10.9	9.5	D	D*D		
281087	070149.6	56.93	-4.55	244.7	785.3	0.2	1.9	SPEAN BRIDGE, HIGHLAND	9	61	234	0.20	1.7	3.1	C	B*D		
101187	135259.8	56.91	-5.64	178.5	785.3	14.4	0.7	LOCHAILORT, HIGHLAND	5	36	338	0.25	4.8	10.9	D	C*D		
141187	080948.4	56.91	-5.63	178.9	786.3	2.4	1.5	LOCHAILORT, HIGHLAND	5	35	337	0.06	5.0	4.6	D	C*D		
101287	122155.2	56.90	-5.55	183.8	784.7	18.0	1.2	SOUTH MORAR, HIGHLAND	5	35	340	0.12	2.1	2.7	C	B*D		
080587	020406.2	56.73	-6.38	132.2	768.2	12.9	2.0	MULL AFTERSHOCK	5	40	335	0.41	4.5	2.9	D	C*D		
180987	093348.1	56.72	-3.82	288.6	760.0	2.4	1.4	LOCH TUMMEL, TAYSIDE	10	28	263	0.12	1.2	1.3	C	B*D		
201187	030739.3	56.71	-5.71	173.1	763.8	0.5	2.6	ARDNAMURCHAN, HIGHLAND	21	58	214	0.16	1.6	1.0	C	B*D	FELT LOCHAILORT	
030587	224820.8	56.68	-6.24	140.2	761.9	11.3	2.5	MULL, HIGHLAND	16	37	255	0.25	1.6	1.6	C	B*D		
050587	032915.7	56.66	-6.23	140.6	759.9	7.3	2.0	MULL AFTERSHOCK	10	38	251	0.09	2.9	5.1	D	C*D		
160587	140638.0	56.66	-6.23	141.1	760.0	10.2	2.1	MULL AFTERSHOCK	9	38	270	0.14	1.8	2.3	C	B*D		
060687	161633.6	56.66	-6.23	141.1	760.2	14.6	1.6	MULL AFTERSHOCK	8	78	270	0.41	7.2	5.1	D	D*D		
040587	002218.5	56.66	-6.21	142.2	760.1	4.1	1.8	MULL AFTERSHOCK	12	37	249	0.14	1.2	1.2	C	B*D		
060687	112602.1	56.66	-6.20	142.5	760.2	13.0	1.6	MULL AFTERSHOCK	7	77	269	0.34	7.0	6.0	D	D*D		
260587	130702.7	56.66	-6.09	149.1	759.6	6.7	1.8	MULL AFTERSHOCK	8120	20	338	0.69	28.6	21.7	D	D*D		
080587	010406.2	56.65	-6.21	142.2	758.8	3.9	1.9	MULL AFTERSHOCK	11	38	270	0.20	1.9	2.1	C	B*D		
080587	004154.2	56.61	-6.13	146.6	754.2	7.1	1.7	MULL AFTERSHOCK	10	39	267	0.11	4.4	6.9	D	C*D		
290587	120320.6	56.60	-5.67	174.9	750.9	11.4	1.5	LOCH LINNHE, HIGHLAND	9	70	242	0.25	3.0	2.1	D	C*D		
150187	011910.7	56.53	-6.34	133.4	746.4	5.0	0.8	ARDNAMURCHAN, HIGHLAND	4	99	278	0.08			C	A*D		
130487	040640.4	56.48	-4.53	243.9	734.3	9.0	1.6	CRAINLARICH, CENTRAL	5	34	291	0.14	5.1	68.4	D	D*D		
300387	035250.8	56.46	-4.54	243.2	732.4	8.3	1.1	CRIANLARICH, CENTRAL	5	33	291	0.07	4.9	115.4	D	C*D		
210487	113310.9	56.42	-3.99	277.0	726.9	2.4	1.5	COMRIE, TAYSIDE	2+	11	18	212	0.15	0.6	0.7	C	A*D	FELT COMRIE
250287	142544.0	56.41	-4.00	276.8	726.0	2.3	0.9	COMRIE, TAYSIDE	7	19	209	0.24	0.6	0.6	C	B*D		
011087	084945.7	56.41	-3.99	277.2	726.4	3.7	0.7	COMRIE, TAYSIDE	7	18	209	0.13	1.1	3.0	C	B*D		
140287	230355.8	56.41	-3.98	277.6	725.5	2.9	2.2	COMRIE, TAYSIDE	3+	14	18	204	0.25	1.6	2.6	C	B*D	FELT COMRIE & CRIEFF
140287	230738.8	56.41	-3.98	277.6	725.8	4.0	0.4	COMRIE, TAYSIDE	6	18	206	0.21	0.5	7.3	D	C*D		
230187	000338.8	56.40	-5.37	192.2	728.0	1.2	0.9	OBAN, STRATHCLYDE	4	68	322	0.04			C	A*D		
090287	221315.3	56.40	-3.98	277.6	724.9	3.2	1.0	COMRIE, TAYSIDE	2+	11	18	202	0.29	1.8	3.3	C	B*D	FELT COMRIE
300187	105457.3	56.38	-3.96	278.8	722.8	2.3	1.0	COMRIE, TAYSIDE	11	18	190	0.48	1.3	1.5	D	C*D		
110687	120350.9	56.36	-5.62	176.5	724.3	8.4	1.2	FIRTH OF LORN, HIGHLAND	5	64	339	0.11	4.2	3.0	D	C*D		
310187	064032.9	56.31	-5.33	194.0	718.5	9.8	0.8	LOCH AWE, STRATHCLYDE	4	63	318	0.09			C	A*D		
030287	083233.4	56.31	-5.32	194.9	717.9	5.0	1.7	OBAN, STRATHCLYDE	5101	349	0.10	12.0	10.7	D	D*D			
030587	140829.8	56.26	-3.74	292.0	708.3	3.6	0.6	BLACKFORD, TAYSIDE	11	15	106	0.11	0.4	1.1	B	A*C		
080887	093731.8	56.23	-4.73	230.7	707.8	5.6	1.2	ARROCHAR, STRATHCLYDE	7	25	309	0.14	2.5	1.8	D	C*D		
120287	022223.8	56.17	-3.00	338.0	697.8	6.9	0.0	BUCKHAVEN, FIFE	9	30	141	0.59	3.9	24.1	D	D*C		
010187	095303.8	56.14	-4.07	271.5	695.8	0.0	-0.2	GARGUNNOCK, CENTRAL	6	18	218	0.23	3.3	2.7	D	C*D		
190287	161657.5	56.12	-3.65	297.4	692.6	0.6	1.4	SALINE, FIFE	5	17	233	0.14	0.6	0.7	C	A*D		
150587	155217.4	56.12	-3.63	298.4	692.6	0.0	1.4	BLAIRHALL, FIFE	10	17	121	0.20	0.9	1.2	C	B*C	COALFIELD TYPE	
011087	113645.4	56.11	-3.64	298.2	691.6	0.5	0.9	BLAIRHALL, FIFE	8	18	195	0.05	0.1	0.1	C	A*D	COALFIELD TYPE	
140587	234213.7	56.11	-3.09	332.1	691.1	1.2	-0.3	KIRKCALDY, FIFE	7	21	234	0.09	2.2	1.3	C	B*D	OFFSHORE, COALFIELD TYPE	
261087	230639.8	56.10	-3.74	291.6	691.6	2.8	1.4	CLACKMANNAN, CENTRAL	2+	6	22	136	0.02	0.1	26.6	C	C*C	COALFIELD TYPE, FELT ALLOA
181187	015848.8	56.10	-3.73	292.1	690.6	1.1	0.2	CLACKMANNAN, CENTRAL	7	22	137	0.16	1.1	2.0	C	B*C	COALFIELD TYPE EVENT	
171187	191019.4	56.10	-3.72	292.8	690.5	4.5	1.1	CLACKMANNAN, CENTRAL	7	22	136	0.26	1.9	5.0	C	C*C	COALFIELD TYPE	
130287	224811.9	56.10	-3.11	331.2	689.7	5.5	-0.4	KIRKCALDY, FIFE	6	20	179	0.08	0.9	1.6	B	A*C		
180387	012657.0	56.10	-3.11	331.1	690.0	5.8	0.0	KIRKCALDY, FIFE	9	20	179	0.08	0.5	0.9	B	A*C	OFFSHORE, COALFIELD TYPE	
160187	223302.4	56.10	-3.10	331.9	689.7	0.1	-0.4	KIRKCALDY, FIFE	7	20	180	0.09	0.6	1.1	B	A*C		
220887	223603.3	56.10	-3.10	331.4	689.8	0.6	0.2	KIRKCALDY, FIFE	8	20	179	0.11	0.7	1.2	B	A*C	COALFIELD TYPE	
150587	225821.3	56.10	-3.09	332.0	690.0	0.0	-0.4	KIRKCALDY, FIFE	6	20	181	0.11	1.4	1.5	C	B*D	OFFSHORE, COALFIELD TYPE	
130287	012100.6	56.09	-3.13	329.5	689.2	0.0	-0.5	KIRKCALDY, FIFE	5	19	224	0.05	0.9	0.9	C	A*D		

Table 2 (cont'd)

CATALOGUE OF EVENTS : 1987

Listed in order of decreasing latitude

Date	HrMnSecs	Lat	Lon	KmE	KmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	Q	SQD	Comments...
110287	034504.0	56.09	-3.12	330.0	689.2	0.5-0.4		KIRKCALDY, FIFE	6	19	225	0.08	0.6	0.4	C	A*D		
130287	031522.4	56.09	-3.11	330.7	689.0	2.4-0.5		KIRKCALDY, FIFE	6	19	176	0.16	0.5	1.7	C	B*C		
150187	180015.2	56.09	-3.10	331.4	688.7	0.2 0.2		KIRKCALDY, FIFE	9	19	115	0.18	1.0	1.8	C	B*C	OFFSHORE, COALFIELD TYPE	
210287	044528.6	56.09	-3.10	331.6	689.6	0.4-0.3		KIRKCALDY, FIFE	8	20	179	0.19	0.6	0.7	C	B*C		
030487	045619.3	56.09	-3.07	333.5	689.0	15.0-0.3		KIRKCALDY, FIFE	7	20	181	0.13	2.6	4.2	D	C*D		
260487	085206.1	56.07	-3.98	276.6	688.5	2.7 1.1		CHARTERSHALL, CENTRAL	11	26	172	0.07	0.3	1.3	B	A*C		
090787	145241.3	56.04	-5.42	186.7	688.4	5.0 1.2		LOCHGILPHEAD, HIGHLAND	11	48	309	0.24	11.7	24.7	D	D*D		
290187	091845.9	56.03	-5.10	207.0	686.1	0.5 0.9		GLENDARUEL, STRATHCLYDE	7	30	297	0.13	12.8	10.4	D	D*D		
070387	034737.7	55.92	-3.07	333.1	670.4	0.4 0.0		DANDERHALL, LOTHIAN	6	7	180	0.16	2.0	1.9	C	B*D	COALFIELD TYPE	
240387	042302.5	55.91	-3.10	331.5	668.7	7.8 0.1		DANDERHALL, LOTHIAN	6	6	240	0.17	3.0	2.7	D	C*D	COALFIELD TYPE	
081087	014440.1	55.90	-3.99	275.5	669.5	1.3 0.8		AIRDRIE, STRATHCLYDE	7	12	136	0.02	0.1	0.2	B	A*C		
020487	175538.4	55.90	-3.09	332.1	668.0	7.2-0.1		SHERIFFHALL, LOTHIAN	5	7	238	0.03	1.4	0.7	C	B*D	COALFIELD TYPE	
180587	074657.0	55.90	-3.06	333.5	668.3	2.7 0.3		DALKEITH, LOTHIAN	5	8	249	0.03	0.2	4.9	C	B*D	COALFIELD TYPE	
180587	235130.2	55.90	-3.01	336.6	668.3	3.7 0.0		COUSLAND, LOTHIAN	5	11	165	0.09	0.0	0.2	C	A*D	COALFIELD TYPE	
070787	145409.9	55.89	-3.42	311.2	667.5	5.3 0.3		KIRKNEWTON, LOTHIAN	4	6	234	0.00	0.0	0.0	C	A*D		
190287	083018.2	55.89	-3.16	327.4	666.4	0.9 0.3		STRAITON, LOTHIAN	6	4	170	0.65	5.5	6.2	D	D*C	COALFIELD TYPE	
130387	074350.2	55.89	-3.14	328.6	666.5	6.1 0.1		LOANHEAD, LOTHIAN	2+	6	5	189	0.12	1.5	2.5	C	B*D	COALFIELD TYPE, FELT LOANHEAD
240387	034239.7	55.89	-3.09	332.2	667.0	4.4-0.2		ESKBANK, LOTHIAN	5	7	230	0.15	4.7	7.0	D	C*D	COALFIELD TYPE	
220987	072154.9	55.88	-4.44	247.6	667.9	2.3 1.8		RENFREW, STRATHCLYDE	18	8	111	0.12	0.3	0.5	B	A*B		
230987	094014.5	55.88	-4.43	247.8	667.7	3.1 1.2		RENFREW, STRATHCLYDE	18	8	110	0.08	0.2	0.7	B	A*B		
280987	070649.0	55.88	-4.43	247.7	667.8	2.4 1.1		RENFREW, STRATHCLYDE	17	8	110	0.08	0.2	0.3	B	A*B		
220187	101308.9	55.88	-3.13	329.4	665.5	2.4 0.5		POLTON, LOTHIAN	8	6	112	0.08	0.5	0.8	B	A*B	COALFIELD TYPE	
031087	024054.3	55.87	-4.44	247.6	667.3	2.4 0.5		RENFREW, STRATHCLYDE	4	8	299	0.01	0.0	0.0	C	A*D		
031087	025400.7	55.87	-4.44	247.6	666.8	4.8 0.7		RENFREW, STRATHCLYDE	7	7	156	0.01	0.1	0.3	B	A*C	F/S DOUBLE EVT, 2ND(0.5ML) 3.42 SECS LATER	
031087	025427.7	55.87	-4.44	247.2	666.9	2.2 0.4		RENFREW, STRATHCLYDE	4	7	296	0.01	0.0	0.0	C	A*D		
101087	192833.2	55.87	-4.44	247.4	666.2	7.4 0.7		RENFREW, STRATHCLYDE	9	7	106	0.15	0.8	0.8	B	B*B		
231187	074215.2	55.87	-4.44	247.6	666.7	6.0 0.5		RENFREW, STRATHCLYDE	6	7	247	0.04	0.5	0.6	C	A*D		
280987	034504.7	55.87	-4.43	247.9	666.7	4.8 0.6		RENFREW, STRATHCLYDE	4	7	302	0.01	0.0	0.0	C	A*D		
101087	123548.3	55.87	-4.43	247.9	666.9	4.8 2.3		RENFREW, STRATHCLYDE	4+	15	7	107	0.25	0.8	2.2	B	B*B	FELT IN RENFREW, ERSKINE & INCHINNAN
131087	192841.0	55.87	-4.43	247.8	666.9	4.9 0.7		RENFREW, STRATHCLYDE	8	7	157	0.04	0.2	0.7	B	A*C		
191087	025913.1	55.87	-4.43	247.9	667.2	3.5 1.0		RENFREW, STRATHCLYDE	12	8	109	0.06	0.3	0.7	B	A*B		
160187	005641.2	55.87	-3.14	328.6	664.2	1.4 0.7		ROSEWELL, LOTHIAN	8	7	114	0.28	1.8	2.0	B	B*B	COALFIELD TYPE	
170587	040852.5	55.87	-3.13	329.4	664.5	1.2 0.4		LASSWADE, LOTHIAN	6	7	183	0.02	0.4	0.3	C	A*D	COALFIELD TYPE	
250287	020355.9	55.87	-3.12	329.9	664.2	6.8-0.5		POLTON, LOTHIAN	5	8	188	0.01	0.2	0.2	C	A*D	COALFIELD TYPE	
170387	223750.2	55.87	-3.10	331.1	664.4	6.2 0.1		BONNYRIGG, LOTHIAN	6	8	201	0.06	1.0	1.6	C	A*D	COALFIELD TYPE	
070887	145547.6	55.87	-3.09	331.7	664.8	5.7 0.4		BONNYRIGG, LOTHIAN	6	8	210	0.05	0.7	1.4	C	A*D	COALFIELD TYPE	
070887	175258.4	55.87	-3.09	331.7	665.1	1.3 0.1		BONNYRIGG, LOTHIAN	4	8	212	0.01	0.0	0.0	C	A*D	COALFIELD TYPE	
251187	064525.4	55.87	-3.09	331.6	664.8	2.3 0.3		LASSWADE, LOTHIAN	6	8	209	0.04	0.5	0.4	C	A*D	COALFIELD TYPE	
121287	142843.1	55.87	-3.09	331.9	664.6	0.3 1.3		LASSWADE, LOTHIAN	3+	7	9	112	0.04	0.3	0.5	B	A*B	COALFIELD TYPE, FELT LASSWADE
051187	191040.4	55.87	-3.08	332.5	664.8	2.1 0.3		LASSWADE, LOTHIAN	5	9	218	0.02	0.8	0.4	C	A*D	COALFIELD TYPE	
071187	175920.3	55.87	-3.08	332.3	664.8	1.0-0.2		LASSWADE, LOTHIAN	3	9	216	0.01	0.0	0.0	C	A*D	COALFIELD TYPE	
230387	190246.0	55.86	-3.16	327.1	663.7	0.5-0.4		ROSEWELL, LOTHIAN	4	7	153	0.04			C	A*D	COALFIELD TYPE	
100687	063808.8	55.86	-3.15	327.9	663.7	1.0 0.7		ROSEWELL, LOTHIAN	8	7	119	0.08	0.5	0.7	B	A*B	COALFIELD TYPE	
230887	084510.1	55.86	-3.15	328.3	663.1	4.5-0.1		ROSEWELL, LOTHIAN	6	8	164	0.05	0.6	2.5	C	B*C	COALFIELD TYPE	
151087	032604.2	55.86	-3.15	327.9	663.2	1.6 1.0		ROSEWELL, LOTHIAN	11	0	101	0.12	0.6	0.2	B	A*B	COALFIELD TYPE	
161087	163526.4	55.86	-3.15	327.9	663.1	2.5 0.9		ROSEWELL, LOTHIAN	6	8	159	0.09	1.0	1.0	C	B*C	COALFIELD TYPE	

Table 2 (cont'd)

CATALOGUE OF EVENTS : 1987

Listed in order of decreasing latitude

Date	HrMnSecs	Lat	Lon	KmE	KmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	Q	SQD	Comments..
121187	193828.5	55.86	-3.15	328.1	663.4	2.2	0.0	ROSEWELL,LOTHIAN	5	8	163	0.06	0.8	1.1	C	A*D	COALFIELD TYPE	
171187	201822.0	55.86	-3.15	328.1	663.1	2.4	0.2	ROSEWELL,LOTHIAN	6	8	162	0.09	0.6	0.9	B	A*C	COALFIELD TYPE	
200187	164943.7	55.86	-3.14	328.6	663.4	1.2	0.3	ROSEWELL,LOTHIAN	7	8	169	0.11	1.5	1.5	C	B*C	COALFIELD TYPE	
140887	031624.5	55.86	-3.14	328.9	663.6	1.0	-0.1	ROSEWELL,LOTHIAN	4	8	187	0.22	0.0	0.0	C	B*D	COALFIELD TYPE	
070987	170809.7	55.86	-3.14	328.9	663.1	0.4	1.2	ROSEWELL,LOTHIAN	10	8	119	0.21	0.9	1.0	B	B*B	COALFIELD TYPE	
230987	201131.8	55.86	-3.14	328.5	663.1	1.4	1.2	ROSEWELL,LOTHIAN	3+	12	1	120	0.14	0.6	0.3	B	A*B	COALFIELD TYPE,FELT ROSLIN
260987	020823.8	55.86	-3.14	328.7	663.5	2.1	0.2	ROSEWELL,LOTHIAN	5	8	170	0.07	1.0	1.2	C	B*D	COALFIELD TYPE	
300987	194925.7	55.86	-3.14	328.6	663.1	1.5	1.2	ROSEWELL,LOTHIAN	3+	12	1	120	0.08	0.3	0.2	B	A*B	COALFIELD TYPE,FELT ROSLIN
071187	030746.4	55.86	-3.14	328.8	663.2	1.4	-0.2	ROSEWELL,LOTHIAN	5	8	170	0.00	0.0	0.0	C	A*D	COALFIELD TYPE	
071187	043403.3	55.86	-3.14	329.0	663.3	1.8	-0.1	ROSEWELL,LOTHIAN	6	8	173	0.04	0.3	0.4	B	A*C	COALFIELD TYPE	
051287	074437.0	55.86	-3.14	328.7	663.2	2.9	1.3	ROSEWELL,LOTHIAN	3+	8	8	119	0.06	0.3	1.3	B	A*B	COALFIELD TYPE,FELT ROSLIN
070287	043840.8	55.86	-3.13	329.3	663.1	3.6	0.7	ROSEWELL,LOTHIAN	8	8	117	0.13	0.2	0.8	B	A*B	COALFIELD TYPE	
120287	104612.7	55.86	-3.13	329.4	663.5	3.1	0.0	ROSEWELL,LOTHIAN	6	8	178	0.08	0.7	8.6	C	C*C	COALFIELD TYPE	
140287	075222.4	55.86	-3.13	329.0	663.5	2.4	0.3	ROSEWELL,LOTHIAN	5	8	174	0.07	0.5	1.1	C	A*D	COALFIELD TYPE	
080387	193011.3	55.86	-3.13	329.1	664.1	2.8	-0.3	ROSEWELL,LOTHIAN	6	7	177	0.07	0.8	13.5	C	C*C	COALFIELD TYPE	
300987	013744.4	55.86	-3.13	329.2	663.1	4.7	0.2	ROSEWELL,LOTHIAN	5	8	174	0.01	0.3	0.9	C	A*D	COALFIELD TYPE	
131087	181841.0	55.86	-3.13	329.3	663.2	1.0	1.0	ROSEWELL,LOTHIAN	6	8	176	0.02	0.3	0.3	B	A*C	COALFIELD TYPE	
071187	044006.4	55.86	-3.13	329.3	663.3	1.4	0.0	ROSEWELL,LOTHIAN	5	8	176	0.03	0.5	0.6	C	A*D	COALFIELD TYPE	
091187	203008.5	55.86	-3.13	329.3	663.6	1.5	0.0	ROSEWELL,LOTHIAN	5	8	178	0.04	0.7	0.8	C	A*D	COALFIELD TYPE	
101187	085628.5	55.86	-3.13	329.2	663.6	1.8	-0.1	ROSEWELL,LOTHIAN	5	8	176	0.02	0.3	0.3	C	A*D	COALFIELD TYPE	
211187	155626.9	55.86	-3.13	329.1	663.4	0.2	-0.4	ROSEWELL,LOTHIAN	4	8	174	0.04	0.0	0.0	C	A*D	COALFIELD TYPE	
231187	201133.4	55.86	-3.13	329.5	663.3	0.5	-0.1	ROSEWELL,LOTHIAN	5	8	179	0.03	0.7	0.9	C	A*D	COALFIELD TYPE	
241187	022104.2	55.86	-3.13	329.5	663.7	2.1	0.1	ROSEWELL,LOTHIAN	6	8	181	0.05	0.5	0.5	C	A*D	COALFIELD TYPE	
110287	064239.3	55.86	-3.12	329.9	663.4	4.0	0.3	ROSEWELL,LOTHIAN	6	8	183	0.14	1.6	7.6	D	C*D	COALFIELD TYPE	
050687	063253.5	55.86	-3.12	330.0	663.4	0.5	0.4	ROSEWELL,LOTHIAN	6	8	184	0.07	1.5	1.4	C	B*D	COALFIELD TYPE	
120787	052847.7	55.86	-3.12	329.8	663.2	3.0	0.7	ROSEWELL,LOTHIAN	3	8	181	0.01	0.0	0.0	C	A*D	COALFIELD TYPE	
091187	112811.1	55.86	-3.12	329.8	663.9	0.4	-0.2	ROSEWELL,LOTHIAN	5	8	185	0.14	1.6	1.4	C	B*D	COALFIELD TYPE	
290587	205245.3	55.86	-3.11	330.3	663.3	0.5	0.4	ROSEWELL,LOTHIAN	6	9	187	0.03	0.7	0.6	C	A*D	COALFIELD TYPE	
300787	034313.0	55.86	-3.11	330.6	663.6	1.9	0.0	ROSEWELL,LOTHIAN	6	8	192	0.12	1.2	1.3	C	B*D	COALFIELD TYPE	
111187	093915.3	55.86	-3.11	330.4	663.2	1.0	-0.1	ROSEWELL,LOTHIAN	6	9	187	0.04	1.0	0.9	C	B*D	COALFIELD TYPE	
241187	080242.9	55.86	-3.11	330.4	663.5	0.5	-0.1	ROSEWELL,LOTHIAN	6	8	189	0.09	2.0	1.8	C	B*D	COALFIELD TYPE	
251187	165045.9	55.86	-3.11	330.7	663.9	2.2	0.2	ROSEWELL,LOTHIAN	6	8	195	0.06	0.7	0.7	C	A*D	COALFIELD TYPE,LOW FREQ.	
030187	165819.9	55.86	-3.10	330.9	664.0	7.2	-0.1	ROSEWELL,LOTHIAN	6	8	197	0.09	1.8	1.4	C	B*D	COALFIELD TYPE	
071187	040830.3	55.86	-3.10	330.9	663.7	4.7	-0.3	ROSEWELL,LOTHIAN	5	9	195	0.06	1.7	3.4	C	B*D	COALFIELD TYPE	
010487	194745.9	55.86	-3.09	332.0	664.0	8.4	0.2	DALHOUSIE,LOTHIAN	6	9	208	0.00	0.0	0.1	C	A*D	COALFIELD TYPE	
150887	005019.1	55.85	-3.17	326.9	662.8	3.7	-0.1	ROSEWELL,LOTHIAN	4	8	147	0.06	0.0	0.0	C	A*D	COALFIELD TYPE	
270687	032835.1	55.85	-3.16	327.6	662.1	0.0	1.1	ROSEWELL,LOTHIAN	5	9	130	0.06	0.4	0.4	C	A*D	COALFIELD TYPE	
301087	034948.8	55.85	-3.16	327.4	662.8	2.2	0.1	ROSEWELL,LOTHIAN	6	8	153	0.09	0.7	1.0	B	A*C	COALFIELD TYPE	
081187	152856.0	55.85	-3.16	327.6	662.8	0.7	0.1	ROSEWELL,LOTHIAN	6	8	154	0.07	0.9	1.1	B	A*C	COALFIELD TYPE	
081187	161328.7	55.85	-3.16	327.3	663.0	2.4	-0.4	ROSEWELL,LOTHIAN	5	8	153	0.03	0.4	0.4	C	A*D	COALFIELD TYPE	
141187	014207.8	55.85	-3.16	327.1	662.9	1.5	-0.3	ROSEWELL,LOTHIAN	5	8	149	0.04	0.6	0.9	C	A*D	COALFIELD TYPE	
150187	232712.4	55.85	-3.15	327.7	662.7	0.6	0.0	ROSEWELL,LOTHIAN	6	8	156	0.10	0.6	0.8	B	A*C	COALFIELD TYPE	
070287	042719.6	55.85	-3.15	328.1	662.4	3.4	0.7	ROSEWELL,LOTHIAN	10	9	126	0.18	0.8	2.3	B	B*B	COALFIELD TYPE	
140687	110211.2	55.85	-3.15	327.8	662.3	0.4	1.2	ROSEWELL,LOTHIAN	8	9	128	0.28	1.5	1.9	B	B*B	COALFIELD TYPE	
150687	010345.3	55.85	-3.15	327.9	662.1	0.6	1.2	ROSEWELL,LOTHIAN	2+	9	9	129	0.14	0.9	1.1	B	A*B	COALFIELD TYPE,FELT ROSLIN
240687	150510.1	55.85	-3.15	327.7	662.3	0.1	1.2	ROSEWELL,LOTHIAN	5	9	134	0.04	0.0	0.0	C	A*D	COALFIELD TYPE	

Table 2 (cont'd)

CATALOGUE OF EVENTS : 1987

Listed in order of decreasing latitude

Date	HrMnSecs	Lat	Lon	KmE	KmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	Q	SQD	Comments...
250687	192609.2	55.85	-3.15	327.7	661.9	0.0	1.3	ROSEWELL, LOTHIAN		5	9	131	0.10	0.4	0.5	C	A*D	COALFIELD TYPE
070887	183927.4	55.85	-3.15	328.2	662.7	0.9	0.2	ROSEWELL, LOTHIAN		6	8	161	0.09	1.4	1.5	C	B*C	COALFIELD TYPE
070887	215511.8	55.85	-3.15	328.3	662.3	0.7	1.5	ROSEWELL, LOTHIAN	4+	10	9	94	0.19	0.8	1.0	B	B*B	COALFIELD TYPE, FELT ROSLIN
280887	092256.5	55.85	-3.15	328.3	662.5	0.1	1.3	ROSEWELL, LOTHIAN	2+	10	9	125	0.18	0.6	0.6	B	B*B	COALFIELD TYPE, FELT ROSLIN
021087	130525.8	55.85	-3.15	328.1	662.1	4.9	0.5	ROSEWELL, LOTHIAN		6	9	157	0.03	0.3	1.1	B	A*C	COALFIELD TYPE
031087	022043.2	55.85	-3.15	327.7	662.6	1.1	-0.2	ROSEWELL, LOTHIAN		4	8	282	0.02	0.0	0.0	C	A*D	COALFIELD TYPE
261087	205148.9	55.85	-3.15	328.0	662.9	4.4	0.0	ROSEWELL, LOTHIAN		6	8	159	0.07	1.3	4.0	C	B*C	COALFIELD TYPE
261087	224703.6	55.85	-3.15	328.3	662.2	2.2	0.0	ROSEWELL, LOTHIAN		6	9	160	0.07	0.6	0.7	B	A*C	COALFIELD TYPE
301087	233417.8	55.85	-3.15	328.3	662.4	2.1	0.2	ROSEWELL, LOTHIAN		6	9	161	0.06	0.5	0.6	B	A*C	COALFIELD TYPE
061187	230239.1	55.85	-3.15	327.8	662.1	0.1	1.1	ROSEWELL, LOTHIAN	3+	9	9	129	0.09	0.3	0.4	B	A*B	COALFIELD TYPE, FELT ROSLIN
070187	232537.6	55.85	-3.14	328.7	662.0	0.0	0.0	ROSEWELL, LOTHIAN		6	9	162	0.04	2.3	2.3	C	B*C	COALFIELD TYPE
090187	174332.3	55.85	-3.14	329.0	662.9	1.1	0.5	ROSEWELL, LOTHIAN		8	8	120	0.14	1.0	1.3	B	B*B	COALFIELD TYPE
140187	033750.9	55.85	-3.14	328.8	662.4	2.2	1.2	ROSEWELL, LOTHIAN		9	9	123	0.11	0.5	0.9	B	A*B	COALFIELD TYPE
160187	044100.2	55.85	-3.14	329.0	662.6	2.1	1.3	ROSEWELL, LOTHIAN		9	9	121	0.08	0.3	0.7	B	A*B	COALFIELD TYPE
190187	063658.2	55.85	-3.14	329.0	662.9	1.9	0.3	ROSEWELL, LOTHIAN		7	8	170	0.08	0.6	0.7	B	A*C	COALFIELD TYPE
200187	145957.3	55.85	-3.14	328.6	662.4	1.6	0.7	ROSEWELL, LOTHIAN		8	9	124	0.11	0.6	0.9	B	A*B	COALFIELD TYPE
110287	063806.7	55.85	-3.14	328.6	662.8	2.7	0.0	ROSEWELL, LOTHIAN		6	8	166	0.13	0.9	31.1	C	C*C	COALFIELD TYPE
150287	211849.1	55.85	-3.14	328.6	662.7	0.6	-0.2	ROSEWELL, LOTHIAN		4	8	165	0.08			C	A*D	COALFIELD TYPE
270287	010243.3	55.85	-3.14	328.7	662.6	0.0	1.3	ROSEWELL, LOTHIAN		10	9	122	0.10	0.4	0.4	B	A*B	COALFIELD TYPE
030487	051759.8	55.85	-3.14	328.5	661.9	2.4	0.0	ROSEWELL, LOTHIAN		5	9	160	0.14	0.1	0.2	C	A*D	COALFIELD TYPE
190587	035111.3	55.85	-3.14	328.9	662.8	1.1	1.0	ROSEWELL, LOTHIAN		10	8	120	0.06	0.3	0.3	B	A*B	COALFIELD TYPE
290587	084118.3	55.85	-3.14	328.6	662.6	0.5	0.6	ROSEWELL, LOTHIAN		6	9	165	0.06	1.0	1.1	B	A*C	COALFIELD TYPE
020687	122431.5	55.85	-3.14	328.7	662.9	0.5	0.4	ROSEWELL, LOTHIAN		6	8	168	0.07	1.1	1.3	C	B*C	COALFIELD TYPE
050687	074031.4	55.85	-3.14	328.7	662.8	1.0	1.3	ROSEWELL, LOTHIAN		9	8	121	0.06	0.3	0.4	B	A*B	COALFIELD TYPE
050687	175959.2	55.85	-3.14	328.7	662.5	0.5	0.9	ROSEWELL, LOTHIAN		8	9	123	0.06	0.5	0.6	B	A*B	COALFIELD TYPE
090687	114835.6	55.85	-3.14	328.9	662.9	1.8	0.9	ROSEWELL, LOTHIAN		7	8	119	0.04	0.2	0.4	B	A*B	COALFIELD TYPE
220687	184509.5	55.85	-3.14	328.9	662.6	0.2	1.4	ROSEWELL, LOTHIAN	2+	9	9	121	0.04	0.2	0.2	B	A*B	COALFIELD TYPE, FELT ROSLIN
300687	054851.6	55.85	-3.14	328.8	662.9	1.5	0.8	ROSEWELL, LOTHIAN		4	8	120	0.01	0.0	0.0	C	A*D	COALFIELD TYPE
310787	002413.0	55.85	-3.14	328.9	662.6	0.2	1.6	ROSEWELL, LOTHIAN	3+	10	9	99	0.05	0.2	0.2	B	A*B	COALFIELD TYPE, FELT LOANHEAD
040887	113045.1	55.85	-3.14	328.9	662.7	0.3	1.5	ROSEWELL, LOTHIAN	4+	9	9	121	0.06	0.2	0.2	B	A*B	COALFIELD TYPE, FELT ROSLIN
170887	193011.1	55.85	-3.14	328.5	662.4	0.2	1.4	ROSEWELL, LOTHIAN	2+	10	9	124	0.10	0.3	0.3	B	A*B	COALFIELD TYPE, FELT ROSLIN
200887	095608.5	55.85	-3.14	328.7	663.0	1.2	0.7	ROSEWELL, LOTHIAN		6	8	168	0.01	0.2	0.2	B	A*C	COALFIELD TYPE
260887	173115.6	55.85	-3.14	328.7	662.6	0.2	1.4	ROSEWELL, LOTHIAN	4+	10	9	122	0.06	0.2	0.2	B	A*B	COALFIELD TYPE, FELT ROSLIN
310887	034650.8	55.85	-3.14	328.4	662.6	0.1	1.1	ROSEWELL, LOTHIAN	2+	10	9	124	0.11	0.4	0.4	B	A*B	COALFIELD TYPE, FELT ROSLIN
020987	072957.6	55.85	-3.14	328.6	662.7	0.0	1.1	ROSEWELL, LOTHIAN	3+	10	8	122	0.10	0.3	0.3	B	A*B	COALFIELD TYPE, FELT ROSLIN
200987	095002.6	55.85	-3.14	328.5	662.2	1.8	1.0	ROSEWELL, LOTHIAN		11	1	125	0.09	0.4	0.2	B	A*B	COALFIELD TYPE
071087	183040.9	55.85	-3.14	328.4	662.7	0.7	1.1	ROSEWELL, LOTHIAN	2+	12	1	123	0.12	0.5	0.4	B	A*B	COALFIELD TYPE, FELT ROSLIN
291087	021807.8	55.85	-3.14	328.4	662.5	0.2	1.2	ROSEWELL, LOTHIAN	3+	12	8	124	0.04	0.1	0.2	B	A*B	COALFIELD TYPE, FELT ROSLIN

Table 2 (cont'd)

CATALOGUE OF EVENTS : 1987

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Date	HrMnSecs	Lat	Lon	KmE	KmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	Q	SQD	Comments...
061187	175536.4	55.85	-3.14	328.4	662.7	2.4	0.2	ROSEWELL, LOTHIAN		6	8	163	0.08	0.5	0.7	B	A*C	COALFIELD TYPE
141187	224840.7	55.85	-3.14	328.8	662.6	0.7	1.6	ROSEWELL, LOTHIAN	2+	9	9	122	0.08	0.5	0.6	B	A	COALFIELD TYPE, FELT ROSLIN
261187	004418.0	55.85	-3.14	328.7	662.8	0.5	0.5	ROSEWELL, LOTHIAN		6	8	167	0.06	0.7	0.8	B	A*C	COALFIELD TYPE
261187	195816.6	55.85	-3.14	328.7	662.8	0.2	1.1	ROSEWELL, LOTHIAN		9	8	121	0.06	0.3	0.3	B	A*B	COALFIELD TYPE
071287	200229.4	55.85	-3.14	328.6	662.8	1.6	0.1	ROSEWELL, LOTHIAN		6	8	165	0.14	0.9	1.2	B	A*C	COALFIELD TYPE
171287	231602.4	55.85	-3.14	328.6	661.9	0.1	0.6	ROSEWELL, LOTHIAN		8	9	127	0.06	0.3	0.4	B	A*B	COALFIELD TYPE
221287	214220.1	55.85	-3.14	328.7	662.9	0.7	1.2	ROSEWELL, LOTHIAN	2+	9	8	121	0.09	0.5	0.7	B	A	COALFIELD TYPE, FELT ROSLIN
231287	015150.4	55.85	-3.14	328.7	662.3	0.3	1.1	ROSEWELL, LOTHIAN		8	9	124	0.05	0.2	0.2	B	A*B	COALFIELD TYPE
030187	003417.5	55.85	-3.13	329.1	662.2	0.0	0.1	ROSEWELL, LOTHIAN		6	9	167	0.07	2.8	2.7	C	C*C	COALFIELD TYPE
080187	172232.4	55.85	-3.13	329.3	662.5	0.7	1.2	ROSEWELL, LOTHIAN		9	9	120	0.11	0.6	0.8	B	A*B	COALFIELD TYPE
140187	123601.6	55.85	-3.13	329.1	662.9	1.1	1.0	ROSEWELL, LOTHIAN	2+	9	8	118	0.13	0.8	0.9	B	A*B	COALFIELD TYPE, FELT ROSEWELL: UNDERGROUND
220187	155725.7	55.85	-3.13	329.0	662.9	1.5	1.1	ROSEWELL, LOTHIAN		10	8	119	0.05	0.2	0.3	B	A*B	COALFIELD TYPE
240287	175127.4	55.85	-3.13	329.5	662.7	6.0	0.5	ROSEWELL, LOTHIAN		7	9	118	0.10	0.7	1.0	B	A*B	COALFIELD TYPE
110387	025215.5	55.85	-3.13	329.0	662.5	3.8	0.4	ROSEWELL, LOTHIAN		6	9	169	0.11	1.2	7.4	C	C*C	COALFIELD TYPE
150687	053159.7	55.85	-3.13	329.0	662.3	0.0	0.5	ROSEWELL, LOTHIAN		7	9	123	0.04	0.3	0.3	B	A*B	COALFIELD TYPE
300987	133714.6	55.85	-3.13	329.0	662.2	0.5	0.4	ROSEWELL, LOTHIAN		6	9	167	0.05	5.7	5.2	D	D*C	COALFIELD TYPE
031087	012933.6	55.85	-3.13	329.4	662.9	2.0	0.1	ROSEWELL, LOTHIAN		3	9	293	0.00	0.0	0.0	C	A*D	COALFIELD TYPE
061087	180227.9	55.85	-3.13	329.2	662.5	0.4	1.6	ROSEWELL, LOTHIAN	3+	12	2	120	0.04	0.1	0.1	B	A*B	COALFIELD TYPE, FELT ROSLIN
201087	124443.3	55.85	-3.13	329.2	662.6	0.4	0.9	ROSEWELL, LOTHIAN		8	9	120	0.08	0.5	0.4	B	A*B	COALFIELD TYPE
310187	171608.2	55.85	-3.12	329.6	662.4	0.4	1.8	ROSEWELL, LOTHIAN		7	9	102	0.04	0.2	0.2	B	A*B	COALFIELD TYPE
070287	170823.6	55.85	-3.12	330.1	662.9	0.5	0.7	ROSEWELL, LOTHIAN		9	9	114	0.09	0.4	0.4	B	A*B	COALFIELD TYPE
210587	094755.9	55.85	-3.12	330.0	663.0	0.5	0.2	ROSEWELL, LOTHIAN		6	9	182	0.08	9.8	7.5	D	D*D	COALFIELD TYPE
310587	180054.0	55.85	-3.12	330.1	663.0	0.5	0.4	ROSEWELL, LOTHIAN		6	9	183	0.04	5.4	4.1	D	D*D	COALFIELD TYPE
230687	041839.1	55.85	-3.12	330.0	662.7	0.5-0.2	ROSEWELL, LOTHIAN		6	9	180	0.03	6.1	4.7	D	D*C	COALFIELD TYPE	
240787	180429.7	55.85	-3.12	329.6	662.7	1.9	0.2	ROSEWELL, LOTHIAN		6	9	176	0.03	0.3	0.4	B	A*C	COALFIELD TYPE
311087	031125.1	55.85	-3.12	329.6	662.8	0.9	0.6	ROSEWELL, LOTHIAN		8	9	117	0.08	0.5	0.5	B	A*B	COALFIELD TYPE
130887	160154.8	55.85	-3.11	330.2	663.0	5.1	0.9	ROSEWELL, LOTHIAN		6	9	184	0.05	0.7	1.6	C	A*D	COALFIELD TYPE
200887	032926.6	55.85	-3.11	330.6	662.6	2.0-0.2	ROSEWELL, LOTHIAN		4	9	299	0.03	0.0	0.0	C	A*D	COALFIELD TYPE	
271187	134137.4	55.85	-3.11	330.3	663.0	1.2	1.0	ROSEWELL, LOTHIAN		8	9	113	0.09	0.6	1.0	B	A*B	COALFIELD TYPE, LOW FREQ.
300187	224016.6	55.85	-3.10	331.1	662.4	0.5	0.7	ROSEWELL, LOTHIAN		4	31	250	0.22		C	B*D	COALFIELD TYPE	
150287	210222.3	55.85	-3.09	331.8	661.9	4.1-0.2	CARRINGTON, LOTHIAN		4	9	196	0.06		C	A*D	COALFIELD TYPE		
100887	193300.6	55.84	-3.20	324.9	661.0	2.2	0.5	ROSEWELL, LOTHIAN		6	10	147	0.27	1.9	2.7	C	B*C	COALFIELD TYPE
170687	005736.4	55.84	-3.16	327.4	661.6	0.1	1.3	ROSEWELL, LOTHIAN	2+	8	9	134	0.14	0.3	0.3	B	A*B	COALFIELD TYPE, FELT ROSLIN
300687	033358.3	55.84	-3.16	327.6	661.8	0.4	1.4	ROSEWELL, LOTHIAN		6	9	132	0.16	0.7	0.8	B	B*B	COALFIELD TYPE
201087	191929.7	55.84	-3.16	327.6	661.7	0.3	1.1	ROSEWELL, LOTHIAN	2+	8	9	132	0.13	0.2	0.2	B	A*B	COALFIELD TYPE, FELT ROSLIN
290587	082620.7	55.84	-3.15	328.1	661.8	0.3	1.1	ROSEWELL, LOTHIAN		9	9	130	0.14	0.3	0.4	B	A*B	COALFIELD TYPE
290587	144533.1	55.84	-3.15	328.0	661.6	0.2	1.1	ROSEWELL, LOTHIAN		9	9	132	0.16	0.4	0.4	B	B*B	COALFIELD TYPE
030987	121319.0	55.84	-3.15	327.7	661.7	0.4	1.0	ROSEWELL, LOTHIAN		10	9	132	0.27	0.3	0.3	B	B*B	COALFIELD TYPE
011187	045222.9	55.73	-5.43	184.6	653.2	0.9	1.4	KINTYRE, STRATHCLYDE		8	45	339	0.07	1.5	1.1	C	B*D	
220287	072045.7	55.46	-2.45	371.7	618.1	0.5	0.5	JEDBURGH, BORDERS		6	13	163	0.45	3.3	2.5	C	C*C	
090887	161049.7	55.40	-3.29	318.4	612.2	4.7	0.8	MOFFAT WATER, DUM & GAL		16	10	166	0.40	3.5	8.3	C	C*C	
080987	225711.4	55.39	-1.03	461.6	610.8	10.4	2.1	NORTHUMBRIAN COAST		18	78	276	0.18	1.3	1.4	C	B*D	OFFSHORE EPICENTRE
080987	225654.4	55.27	-1.09	457.8	597.2	8.2	0.8	NORTHUMBRIAN COAST		6	78	309	0.05	0.8	1.0	C	A*D	OFFSHORE EPICENTRE
110887	214328.6	55.25	-3.37	313.2	595.7	1.0-0.3	JOHNSTONEBRIDGE, D & G		4	13	297	0.08	0.0	0.0	C	A*D		

Table 2 (cont'd)

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Date	HrMnSecs	Lat	Lon	KmE	KmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	Q	SQD	Comments...
190487	053454.8	55.22	-3.36	313.6	592.7	2.7	0.6	BORELAND, DUM & GALL	8	14	248	0.07	0.8	2.0	C	B*D		
230187	030238.5	55.21	-2.99	336.7	591.4	0.5	0.4	LANGHOLM, DUM & GALL	6	9	230	0.17	2.3	1.9	C	B*D		
080887	173152.1	55.21	-2.96	338.7	590.8	5.6	0.2	LANGHOLM, DUM & GALL	5	11	199	0.08	2.1	5.2	D	C*D		
140387	133921.9	55.20	-4.12	265.2	591.9	20.0	0.5	MONIAIVE, DUM & GALL	4	59	345	0.15	0.0	0.0	C	B*D		
060187	063957.4	54.76	-3.41	309.1	541.6	1.0	1.4	MARYPORT, CUMBRIA	10	50	337	0.26	17.5	12.7	D	D*D		
300787	002032.5	54.56	-3.59	296.9	519.1	1.1	2.1	WHITEHAVEN, CUMBRIA	15	9	216	0.16	3.7	1.8	D	C*D	COALFIELD TYPE EVENT	
091187	013314.9	54.22	-4.83	215.3	484.4	17.7	2.3	W.PEEL, ISLE OF MAN	4	39	13	146	0.27	0.6	0.5	C	B*C	FELT THROUGHOUT I.O.M
110287	102439.1	53.96	-1.55	429.6	451.3	13.3	1.0	LEEDS, YORKSHIRE	4	5	334	0.07			C	A*D	COALFIELD TYPE	
180587	132825.4	53.66	-2.03	397.9	417.9	11.4	1.8	HUDDERSFIELD, W.YORKS	21	43	140	0.20	1.4	2.6	C	B*C		
161187	025449.9	53.62	-2.41	372.7	414.2	16.8	2.3	BOLTON, LANCASHIRE	21	48	130	0.19	1.0	1.7	C	B*C		
291187	202042.7	53.56	-1.90	406.6	406.6	7.1	1.1	MOSSLEY, LANCASHIRE	5	20	288	0.09	2.3	3.8	C	B*D		
051287	164722.3	53.50	-1.95	403.2	400.7	7.7	2.1	MANCHESTER	28	25	127	0.31	0.9	1.9	C	C*C	POSSIBLE A/S OF EVENT @ 10:23 GMT ON 05-12-87	
051287	102258.5	53.49	-1.98	401.6	399.2	8.8	2.6	MANCHESTER	4+	31	27	108	0.20	0.7	1.9	C	B*C	FELT OVER WIDE AREA OF GREATER MANCHESTER
150587	202218.7	53.48	-1.28	447.7	398.4	0.6	2.0	SWINTON, S.YORKSHIRE	11	58	222	0.23	2.3	1.3	C	B*D		
100687	162317.7	53.41	-4.44	238.1	392.7	11.6	0.0	NORTH ANGLESEY, GWYNEDD	7	8	210	0.03	0.3	0.3	C	A*D		
050887	231533.1	53.38	-1.00	466.4	387.9	0.4	2.0	NE WORKSOP, NOTTS	3+	11	75	229	0.72	6.8	9.3	D	D*D	FELT THORPE SALVIN
180487	112930.3	53.28	-1.81	412.8	375.7	2.2	1.9	BUXTON, DERBYSHIRE	11	66	169	0.23	2.0	1.3	C	B*D		
291187	223420.2	53.27	-4.98	201.1	379.2	10.0	1.1	W.OF HOLYHEAD, GWYNEDD	19	27	196	0.10	0.4	0.6	C	A*D		
030287	231032.1	53.27	-1.51	432.4	374.8	3.0	1.8	CHESTERF'LD, DERBYSHIRE	3+	3	70	349	0.01	0.0	0.0	C	A*D	NEAR CHESTERFIELD FELT BOLSOVER VILLAGE
050887	231547.9	53.27	-1.12	458.8	375.7	0.2	2.3	NE WORKSOP, NOTTS	3+	11	61	298	0.81	5.5	4.2	D	D*D	FELT THORPE SALVIN
200887	195256.1	53.26	-2.73	351.3	374.4	6.8	1.1	RUNCORN, CHESHIRE	18	76	310	0.29	2.6	2.7	D	C*D		
260887	172042.9	53.14	-1.09	460.8	360.2	0.1	1.9	NW OLLERTON, NOTTS.	4+	10	47	298	0.56	4.2	3.5	D	D*D	FELT OLLERTON, NOTTS.
221287	063346.9	53.05	-1.69	420.9	351.0	12.3	2.2	ASHBOURNE, DERBYSHIRE	21	44	138	0.17	0.7	1.6	C	B*C		
070987	104240.8	53.00	-4.52	231.0	348.0	11.3	1.3	LLEYN, GWYNEDD	23	7	151	0.14	0.4	1.0	B	A*C		
290487	094218.9	53.00	-4.33	243.9	347.8	17.1	0.1	LLEYN AFTERSHOCK	6	7	214	0.23	3.5	3.5	D	C*D		
100987	161703.6	52.99	-4.43	237.1	345.9	20.0	0.8	LLEYN AFTERSHOCK	22	0	123	0.22	0.7	1.6	B	B*B		
150587	054201.3	52.98	-4.41	238.3	344.7	21.6	0.5	LLEYN AFTERSHOCK	13	1	81	0.17	0.8	1.2	B	B*A		
060987	093204.2	52.98	-4.41	238.2	345.0	20.0	1.8	LLEYN AFTERSHOCK	23	1	146	0.28	1.1	1.9	C	B*C		
280487	211035.9	52.98	-4.40	239.2	344.9	24.9	1.1	LLEYN AFTERSHOCK	21	2	81	0.10	0.3	0.7	A	A*A		
220187	185209.2	52.97	-4.43	237.0	344.3	21.6	0.9	LLEYN AFTERSHOCK	18	1	209	0.13	0.7	1.0	C	A*D		
040887	223556.3	52.97	-4.41	238.1	343.9	21.9	0.2	LLEYN AFTERSHOCK	6	2	120	0.24	2.3	1.3	B	B*B		
130187	170534.7	52.97	-4.40	239.2	344.3	23.0	0.5	LLEYN AFTERSHOCK	18	2	155	0.09	0.4	0.7	B	A*C		
110787	221353.2	52.97	-4.40	238.7	344.0	23.5	0.7	LLEYN AFTERSHOCK	22	2	86	0.10	0.3	0.6	A	A*A		
140287	055641.5	52.97	-4.39	239.4	344.4	23.9	0.6	LLEYN AFTERSHOCK	18	2	150	0.13	0.7	1.0	B	A*C		
020987	063033.1	52.97	-4.38	240.3	343.9	24.5	0.8	LLEYN AFTERSHOCK	24	3	84	0.22	0.6	1.3	B	B*A		
220887	183113.3	52.96	-4.43	237.1	343.3	21.9	-0.2	LLEYN AFTERSHOCK	9	2	302	0.08	0.8	0.7	C	A*D		
031287	090824.6	52.96	-4.41	238.4	342.7	23.9	0.9	LLEYN AFTERSHOCK	21	3	106	0.11	0.4	0.6	B	A*B		
180687	064539.3	52.96	-4.40	238.8	343.4	23.1	0.7	LLEYN AFTERSHOCK	18	3	93	0.08	0.3	0.5	B	A*B		
231087	131046.7	52.96	-4.40	239.1	343.4	23.8	0.6	LLEYN AFTERSHOCK	17	3	88	0.08	0.3	0.7	A	A*A		
160187	090653.7	52.96	-4.39	239.7	342.8	23.4	0.2	LLEYN AFTERSHOCK	10	21	215	0.06	0.6	0.7	C	A*D		
010687	131008.4	52.96	-4.39	239.5	343.5	20.0	0.8	LLEYN AFTERSHOCK	16	3	85	0.15	0.6	1.0	B	B*A		
051087	121908.6	52.96	-4.39	239.7	342.4	23.1	0.7	LLEYN AFTERSHOCK	20	4	88	0.08	0.3	0.7	A	A*A		
161187	011908.1	52.96	-4.39	239.4	343.1	23.4	0.6	LLEYN AFTERSHOCK	19	3	86	0.10	0.3	0.6	A	A*A		
181287	235254.2	52.96	-4.39	239.4	343.4	23.8	1.0	LLEYN AFTERSHOCK	25	3	85	0.09	0.3	0.5	A	A*A		
210287	172112.1	52.96	-4.38	240.0	342.5	21.9	0.6	LLEYN AFTERSHOCK	23	4	171	0.10	0.4	0.4	B	A*C		
191087	194438.6	52.96	-4.33	243.4	342.7	12.9	0.6	LLEYN, GWYNEDD	20	7	88	0.08	0.2	0.3	A	A*A		
050687	001920.1	52.95	-4.39	239.3	342.2	24.0	1.6	LLEYN AFTERSHOCK	22	4	95	0.15	0.6	1.3	B	B*B		

Table 2 (cont'd)

CATALOGUE OF EVENTS : 1987

Listed in order of decreasing latitude

Date	HrMnSecs	Lat	Lon	KmE	KmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	Q	SQD	Comments...
230287	020837.7	52.94	-2.43	371.2	338.1	10.5	2.6	MARKET DRAYTON, SALOP	18	47	115	0.08	0.3	0.8	B	A*C		
230287	085101.0	52.93	-3.94	269.6	339.2	15.5	-0.2	L.TRAWSFYNYDD, GWYNEDD	17	6	86	0.16	0.7	0.9	B	B*A		
270987	072502.8	52.90	-2.52	365.0	334.0	11.2	1.0	MARKET DRAYTON, SALOP	9	50	271	0.35	2.2	3.3	D	C*D		
240187	125305.2	52.76	-3.03	330.3	318.0	7.2	0.5	N.WELSHPOOL, SALOP	10	23	202	0.08	0.6	2.4	C	B*D		
010587	060952.1	52.74	-0.82	479.4	316.7	10.5	2.7	MELTON MOWBRAY, LEICS	4+	22	24	129	0.34	1.4	2.0	C	C C FELT OAKHAM	
010587	052151.8	52.71	-0.82	479.9	313.6	7.6	2.1	MELTON MOWBRAY, LEICS	2+	18	23	135	0.13	0.6	1.1	B	A C FELT OAKHAM	
210187	163934.9	52.70	-2.96	335.4	311.7	2.5	0.7	HALFWAY HOUSE, SALOP	6	21	209	0.17	3.5	6.4	D	C*D		
090387	230857.5	52.70	-2.55	362.8	311.7	3.4	1.3	TELFORD, SHROPSHIRE	10	28	166	0.19	1.1	2.5	C	B*C		
120487	110456.0	52.68	-3.07	327.6	309.6	10.8	2.4	WELSHPOOL, POWYS	25	22	61	0.15	0.4	0.6	B	A*C		
140487	110340.1	52.68	-3.05	329.0	309.7	14.7	1.0	WELSHPOOL, POWYS	7	21	178	0.06	1.0	2.8	C	B*C		
241287	185041.8	52.55	-2.35	376.5	294.7	13.5	0.5	BRIDGNORTH, SALOP	11	8	176	0.20	1.8	1.6	C	B*C		
160987	074324.8	52.54	-1.85	410.3	294.0	1.5	1.6	BIRMINGHAM, W.MIDLANDS	22	71	280	0.35	3.3	5.2	D	C*D		
010787	225148.3	52.53	-1.88	408.0	292.3	13.8	1.2	BIRMINGHAM, W.MIDLANDS	8	11	181	0.07	2.4	1.8	C	B*D		
120387	092859.0	52.48	-2.44	370.1	287.2	14.0	2.5	BRIDGNORTH, SALOP	16	15	86	0.14	0.6	0.9	B	A*B		
160487	234419.4	52.33	-1.55	430.6	270.0	0.3	1.8	COVENTRY, WEST MIDLANDS	22	33	230	0.31	1.6	1.3	D	C*D		
121287	233438.8	52.28	-3.25	314.5	265.0	8.5	1.7	L'DRINDOD WELLS, POWYS	23	22	98	0.14	0.5	1.8	B	A*C		
131287	031506.7	52.27	-3.24	315.3	264.9	7.4	0.0	L'DRINDOD WELLS, POWYS	8	22	121	0.07	0.4	1.5	B	A*C	POSSIBLE A/S OF EVENT @ 23:34 GMT ON 12-12-87	
130187	143430.1	52.21	-3.39	305.0	258.4	32.6	-0.2	LLANDRINDOD, POWYS	5	17	152	0.19	16.0	10.3	D	D*D		
080687	011403.5	52.18	-3.55	294.4	254.6	16.6	1.7	BUILTH, POWYS	8	18	195	0.06	0.9	0.8	C	A*D		
070587	020837.0	52.17	-2.67	354.2	252.4	19.5	0.9	LEOMINSTER, HEREFORD	10	17	92	0.09	0.8	1.4	B	A*B		
050687	160331.7	52.12	-2.56	361.5	247.5	13.6	1.2	GREAT MALVERN, WORCS	5	10	201	0.01	0.5	0.9	C	A*D		
161287	231556.3	52.03	-3.52	296.0	238.2	12.6	1.4	NW OF BRECON, POWYS	23	18	238	0.18	1.0	1.0	C	B*D		
130887	122844.1	52.00	-3.39	304.4	234.8	14.5	0.6	BRECON, POWYS.	7	12	198	0.08	1.8	2.0	C	B*D		
300587	130226.1	51.98	-3.84	273.4	233.4	13.0	1.5	S.LLANDOVERY, POWYS	29	40	212	0.16	0.7	1.7	C	B*D		
160187	111345.6	51.82	-3.60	290.1	215.3	35.3	1.0	YSTADFEILTE, POWYS	5	36	288	0.03	1.5	2.9	C	B*D		
060287	110303.4	51.31	-3.41	301.4	157.8	0.3	2.1	BRISTOL CHANNEL	7	56	196	0.17	3.3	36.4	D	C*D		
061287	002058.3	51.07	-2.88	338.5	130.6	2.0	1.5	SE BRIDGWATER, SOMERSET	10	63	327	0.15	12.8	9.8	D	D*D		
031287	203339.6	51.06	-2.78	345.0	129.4	6.3	2.1	SE BRIDGWATER, SOMERSET	10	64	328	0.08	2.2	4.3	C	B*D		
070887	131515.2	50.49	-5.04	184.4	70.0	5.5	1.4	TREVOSE HEAD, CORNWALL	16	18	279	0.07	1.4	4.6	C	B*D		
080987	120201.5	50.43	-4.43	227.2	61.4	9.1	0.9	SE LISKEARD, CORNWALL	7	36	149	0.10	0.3	9.7	C	C*C		
040487	224300.5	50.32	-5.18	173.4	51.1	3.4	0.3	PERRANPORTH, CORNWALL	10	13	246	0.06	0.8	2.9	C	B*D		
130987	221530.4	50.26	-5.18	173.2	44.7	5.6	-0.3	N ST DAY, CORNWALL	10	7	334	0.01	0.3	0.2	C	A*D		
090687	145505.5	50.23	-5.26	167.8	41.4	0.6	-0.3	CAMBORNE, CORNWALL	6	5	322	0.02	0.4	4.8	C	B*D		
120787	030743.1	50.17	-5.18	173.2	35.1	3.8	2.0	STITHIANS, CORNWALL	3+	6	1	102	0.01	0.2	0.5	B	A*B	FELT STITHIANS AREA
190787	032912.5	50.17	-5.18	173.2	35.1	3.1	0.7	STITHIANS, CORNWALL	2+	8	1	104	0.02	0.2	0.2	B	A*B	FELT ROSEMANOWES AREA
131187	161811.1	50.14	-5.26	167.2	31.6	3.3	0.5	NW WENDRON, CORNWALL	9	4	289	0.03	0.4	0.7	C	A*D		
131187	170015.5	50.14	-5.25	167.5	31.3	3.6	-0.5	NW WENDRON, CORNWALL	8	4	314	0.01	0.2	0.2	C	A*D		
250787	074532.0	50.14	-5.23	169.5	31.5	3.6	0.4	NE WENDRON, CORNWALL	13	2	262	0.04	0.3	0.3	C	A*D		
250787	074818.2	50.14	-5.23	169.4	31.3	3.1	0.5	NE WENDRON, CORNWALL	15	2	269	0.04	0.3	0.3	C	A*D		
250787	074929.5	50.14	-5.22	169.6	31.5	3.7	0.4	NE WENDRON, CORNWALL	15	2	259	0.07	0.5	0.4	C	A*D		
230487	185210.8	50.13	-5.06	181.7	30.6	0.6	-0.7	FALMOUTH BAY, CORNWALL	6	5	269	0.02	0.6	4.2	C	B*D		
160587	000159.8	50.11	-5.17	173.3	27.7	5.2	0.5	CONSTANTINE, CORNWALL	12	4	171	0.03	0.4	0.3	B	A C		
021287	101724.9	50.05	-7.62	-2.1	31.5	6.0	2.6	WEST OF SCILLY ISLES	5	146	358	0.24	9.8	0.9	D	D*D		
140887	233603.6	50.01	-5.53	146.8	17.7	12.7	1.0	S.PENZANCE, CORNWALL	7	27	328	0.08	3.0	6.1	D	C*D		
071087	045545.5	49.98	-5.49	150.0	14.6	10.1	0.5	S PENZANCE, CORNWALL	6	24	328	0.06	3.2	8.6	D	C*D		
190287	171527.5	49.26	-2.14			5.6	0.0	ST.JOHN'S BAY, JERSEY	7	4	266	0.21	2.3	4.2	C	B*D		
251087	032353.6	49.24	-2.28			7.4	0.2	SW GRONEZ POINT, JERSEY	7	6	322	0.01	0.3	0.2	C	A*D		
010787	062852.9	48.55	-5.18			5.0	2.1	BREST AREA FRANCE	5	167	348	0.21	86.5	14.8	D	D*D		

Table 3

CATALOGUE OF EVENTS : 1987

Poorly located events

Date	Hr	Mn	Secs	Lat	Lon	KmE	KmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	Q	SQD	Comments...
010287	1513	52.8	55.59	-4.92	216.0	636.2		8.3	2.3	FIRTH OF CLYDE	8	76	246	0.58	8.3	9.1	D	D*D	EXPLOSION	
230287	1250	34.1	53.87	-2.08	394.6	441.8		7.9	0.5	BURNLEY, LANCASHIRE	4	17	342	0.48			D	C*D	POSSIBLE QUARRY	
200787	2000	08.1	52.25	-0.83	479.5	262.1		3.4	1.4	NORTHAMPTON	4120	344	0.01		0.0	0.0	C	A*D	POSSIBLE QUARRY	
150887	1418									GWYNEDD-SONIC									FELT GWYNEDD	
031087	1034									LANCASHIRE-SONIC									FELT LEIGH, LANCASHIRE	
041087	1647									POWYS-SONIC									FELT NORTH POWYS	
071087	1629									ISLE OF MAN-SONIC									FELT ISLE OF MAN	
091087	0202	13.1	54.76	-5.48	176.1	546.6		3.0	1.3	N.CHANNEL, IRISH SEA	5132	324	0.05	36.8	56.9	D	D*D	POSSIBLE EXPLOSION		
091087	0432	21.5	54.76	-5.47	176.7	546.1		3.6	1.3	N.CHANNEL, IRISH SEA	5131	324	0.06	30.1	46.9	D	D*D	POSSIBLE EXPLOSION		
081187	1528							-0.2		ROSEWELL, LOTHIAN									COALFIELD TYPE	
171187	1150									MERSEYSIDE-SONIC									FELT WIRRAL	
181187	0010									CLYDE AREA-SONIC?									FELT/HEARD CLYDE AREA	
										SUSSEX-SONIC									POSSIBLE METEORITE	
271187	0335																		FELT SUSSEX	
301187	0743							-0.4		ROSEWELL, LOTHIAN									COALFIELD TYPE	
011287	1920		53.70	-0.30						HULL-SONIC									POSS SONIC/METEOR, REPORTS 19.20-19.40, NO SIGNAL	
011287	0037	37.8	50.27	-5.28	165.9	45.9		1.2	0.9	OFFSHORE CORNWALL	6	10	332	0.04	0.8	4.8	C	B*D	POSS. UNDERWATER EXPLOSION	
021287	1429		53.50	0.00						CLEETHORPES-SONIC									FELT CLEETHORPES	
041287	0621									0.0 ROSEWELL, LOTHIAN									COALFIELD TYPE	
081287	0050		57.20	-2.20						ABERDEEN-SONIC									FELT ABERDEEN-BANCHORY	
081287	0104		57.20	-2.20						ABERDEEN-SONIC									FELT ABERDEEN-BANCHORY	
241287	1818									-0.5 ROSEWELL, LOTHIAN									COALFIELD TYPE	

Table 4 : Geographical coordinates of seismograph stations operated by BGS, DIAS and Leeds University during 1987.

Code Name	Lat	Lon	KmE (km)	KmN (km)	Ht (m)	Yrs open	Comp	Agency
ABA BACONSTHORPE	52.8875	1.1471	611.7	336.9	13	82-	1	BGS
AEA E. ANGLIA UNIV.	52.6208	1.2403	619.3	307.5	45	84-	m	BGS
AHE HEMPNAL	52.4730	1.3074	624.60	291.30	50	80-	1	BGS
APA PACKWAY	52.2999	1.4779	637.1	272.6	35	84-	1	BGS
AWH WHINBURGH	52.6299	0.9512	599.70	307.70	60	80-	1R	BGS
AWI WITTON	52.8324	1.4460	632.1	331.7	35	83-	1	BGS
BBR BROCKHURST	52.6071	-1.7785	415.0	301.0	125	84-	1	BGS
BFR FRANKLEY	52.4230	-2.0074	399.5	280.6	210	84-	1	BGS
BSE SEISDON	52.5316	-2.2374	383.9	292.7	100	84-	1	BGS
BUR BURN	53.7424	-1.0668	461.54	427.76	13	85-	1	BGS
BZO ZOO (DUDLEY)	52.5138	-2.0811	394.5	290.7	155	84-	1	BGS
CBW BUDOCK WATER	50.1482	-5.1144	177.525	32.29	98	81-	1	BGS
CCA CARNMENELLIS	50.1864	-5.2277	169.62	36.87	213	81-	1	BGS
CCO CONSTANTINE	50.1357	-5.1960	171.64	31.145	183	81-	1	BGS
CGH GOONHILLY	50.0508	-5.1649	173.465	21.610	91	81-	1	BGS
CME MENERDUE FARM	50.1760	-5.1903	172.238	35.608	178	82-	3	BGS
CPZ PENZANCE	50.1560	-5.5835	144.065	34.655	198	81-	1	BGS
CR2 ROSEMANOWES 2	50.1669	-5.1687	173.7	34.5	152	81-	3	BGS
CRA RAME	50.1648	-5.1921	172.060	34.363	198	82-	3	BGS
CRQ ROSEMANOWES	50.1672	-5.1728	173.445	34.570	165	81-	4R	BGS
CSA ST AUSTELL	50.3528	-4.8936	194.18	54.39	113	81-	1	BGS
CST STITHIANS	50.1952	-5.1635	174.24	37.66	139	81-	1	BGS
CTR TROLVIS QUARRY	50.1665	-5.1624	174.183	34.468	191	82-	3	BGS
CWF CHARNWOOD FST	52.7382	-1.3071	446.78	315.88	152	75-	3R	BGS
DCO COMBE FARM	50.3200	-3.8724	266.72	48.42	410	82-	1	BGS
DYA YADSWORTHY	50.4352	-3.9309	262.89	61.33	280	82-	3	BGS
EAB ABERFOYLE	56.1881	-4.3400	254.80	701.95	250	69-	1R	BGS
EAU AUCHINOON	55.8444	-3.4547	308.92	662.20	350	69-	1R	BGS
EBH BLACK HILL	56.2481	-3.5081	306.56	707.19	375	69-	1R	BGS
EBL BROAD LAW	55.7733	-3.0436	334.54	653.82	365	69-	1R	BGS
ECK CAULDKAINE HILL	55.1812	-3.1271	328.237	588.022	337	81-	1R	BGS
EDI EDINBURGH	55.9233	-3.1861	325.89	670.66	125	69-	3R	BGS
EDU DUNDEE	56.5475	-3.0142	337.65	739.95	275	69-	1R	BGS
ELO LOGIEALMOND	56.4706	-3.7119	294.55	732.24	495	69-	1R	BGS
ESK ESKDALEMUIR	55.3167	-3.2050	323.536	603.179	263	65-	4Rm	BGS
ESY STONEYPATH	55.9177	-2.6144	361.603	669.569	328	81-	1R	BGS
FOO FLORO (NORWAY)	61.5983	5.0439			50	85-	3R	BGS
FRO FROYA (NORWAY)	61.7572	4.8819			50	84-	1R	BGS
HAE ALDERS END	52.0376	-2.5475	362.45	237.88	224	82-	1	BGS
HCG CRAIG GOCH	52.3224	-3.6567	287.1	270.7	511	80-	1R	BGS
HGH GRAY HILL	51.6380	-2.8064	344.2	193.6	210	80-	1	BGS
HLM LONG MYND	52.5169	-2.8878	339.8	291.4	259	84-	1	BGS
HPK HAVERAH PARK	53.9554	-1.6240	424.67	451.12	227	78-	4R	BGS
HSA SWANSEA	51.7478	-4.1543	251.3	207.7	274	87-	1	BGS
HTL HARTLAND	50.9944	-4.4850	225.636	124.667	91	81-	3Rm	BGS
HTR TREWERN HILL	52.0790	-3.2697	313.0	243.1	329	82-	1	BGS
JLP LES PLATONS	49.2428	-2.1039			131	81-	1	BGS
JRS MAISON ST LOUIS	49.1924	-2.0917			53	81-	3R	BGS
JSA ST AUBINS	49.1879	-2.1709			21	81-	1	BGS
JVM VALLE D.L.MARE	49.2169	-2.2068			64	81	1	BGS

Table 4 : continued

Code	Name	Lat	Lon	KmE (km)	KmN (km)	Ht (m)	Yrs open	Comp	Agency
KAC	ACHNASHELLACH	57.4999	-5.2982	202.4	850.3	330	83-	1	BGS
KAR	ARISAIG	56.9175	-5.8302	166.9	787.2	225	83-	1	BGS
KSB	SHIEL BRIDGE	57.2098	-5.4230	193.3	818.4	70	83-	1	BGS
KPL	PLOCKTON	57.3391	-5.6527	180.212	833.498	36	86-	4R	BGS
LDU	LEEDS UNIV.	53.8025	-1.5553	429.350	434.450	230	83-	m	BGS
LEU	LEICS. UNIV.	52.6238	-1.1223	459.41	303.30	76	81-	1	BGS
LRW	LERWICK	60.1360	-1.1779	445.66	1139.27	100	78-	4R	BGS
MCD	COLEBURN DISTIL	57.5827	-3.2541	325.02	855.41	280	81-	4Rm	BGS
MCH	MICHAELCHURCH	51.9977	-2.9983	331.47	233.77	229	78-	4	BGS
MDO	DOCHFOUR	57.441	-4.363	258.17	841.43	366	81-	1	BGS
MLA	LATHERON	58.305	-3.364	320.1	935.9	190	81-	1	BGS
MME	MEIKLE CAIRN	57.315	-2.965	341.9	825.3	455	81-	1	BGS
MVH	ACHVAICH	57.9232	-4.1816	270.8	894.7	198	84-	1	BGS
PCA	CARROT	55.700	-4.255	258.3	647.5	305	83-	1	BGS
PCO	CORRIE	55.988	-4.097	269.2	679.2	274	83-	1	BGS
PGB	GLENIFFERBRAES	55.810	-4.478	244.5	660.5	200	84-	3	BGS
PMS	MUIRSHIEL	55.846	-4.744	228.2	664.8	351	83-	1	BGS
RCA	ROSSYLN CASTLE	55.8531	-3.1581	327.506	662.812	122	87-	3	BGS
RCH	ROSSYLN CHAPEL	55.8554	-3.1581	327.511	663.069	150	87-	3	BGS
RGH	GORTON HOUSE	55.8562	-3.1496	328.046	663.151	129	87-	1	BGS
RHC	HAWTHORNDEN	55.8599	-3.1429	328.473	663.551	125	87-	1	BGS
RMM	MOUNTMARLE	55.8685	-3.1488	328.120	664.520	138	87-	1	BGS
ROB	ROSSLYN CHAP(B)	55.8552	-3.1588	327.467	663.054	153	87-	1	BGS
RRD	ROSEDALE	55.8441	-3.1390	328.688	661.798	157	87-	1	BGS
SAN	SANDWICK	60.0176	-1.2386	442.44	1126.05	155	85-	1	BGS
SBD	BRYN DU	52.9055	-3.2588	315.35	335.01	497	80-	1	BGS
SFJ	STATFJORD	61.2550	1.8167			-150	85-	3	BGS
WAL	WALLS	60.2576	-1.6133	421.40	1152.60	170	80-	1	BGS
WBR	BRONABER	52.8560	-3.8941	272.480	330.434	340	85-	1	BGS
WCB	CHURCH BAY	53.3782	-4.5465	230.630	389.864	135	85-	3	BGS
WFB	FAIRBOURNE	52.6830	-4.0378	262.266	311.465	325	85-	1	BGS
WFF	FFESTINIOG	52.9788	-3.9877	266.559	344.262	500	86-	L	BGS
WIM	ISLE OF MAN	54.1472	-4.6735	225.410	475.700	365	85-	1	BGS
WLC	LLYN CONWY *	52.9956	-3.7788	280.630	345.765	440	85-	1	BGS
WLF	LLYNFAES	53.2893	-4.3966	240.266	379.636	65	85-	1	BGS
WME	MYNDD EILIAN	53.3966	-4.3034	246.862	391.367	130	85-	1	BGS
WPM	PENMAENMAWR	53.2583	-3.9049	272.942	375.197	350	85-	1	BGS
WST	STWLAN *	52.975	-3.989	266.45	343.85	850	86-	3	BGS
WVR	VYRNWY	52.7974	-3.6051	291.795	323.448	580	85-	1m	BGS
XAL	ALLENDALE	54.8617	-2.2147	386.22	551.91	462	83-	1R	BGS
XDE	DENT	54.5058	-3.4897	303.55	513.31	291	83-	1R	BGS
XSO	SOURHOPE	55.4925	-2.2511	384.14	622.11	495	83-	1R	BGS
YEL	YELL	60.5509	-1.0830	450.29	1185.55	200	79-	1	BGS
YLL	LLANBERIS	53.1402	-4.1704	254.842	362.568	162	84-	1	BGS
YRC	RHOSCOLYN	53.2506	-4.5741	228.289	375.745	24	84-	1	BGS
YRE	YR EIFL	52.9810	-4.4254	237.186	345.418	197	84-	1	BGS
YRH	RHIW	52.8335	-4.6289	222.930	329.500	300	84-	1R	BGS
DCN	CROGHAN	53.3439	-7.2767			150	76-	1R	DIAS
DDK	DUNSINK OBS	53.3869	-6.3392			85		1R	DIAS
DLE	LYONS ESTATE	53.2872	-6.5436			140	80-	3R	DIAS
DKM	KILMASHOGUE	53.2553	-6.2644			280	76-	1R	DIAS

Table 4 : continued

Code Name	Lat	Lon	KmE (km)	KmN (km)	Ht (m)	Yrs open	Comp	Agency
DMU KINGSCOURT	53.8989	-6.9106			280	76-	1R	DIAS
ECB CARRICKBYRNE	52.3661	-6.7811			125	81-	1R	DIAS
ECP CARNSORE PT	52.1800	-6.3689			5		3R	DIAS
ETA TARA HILL	52.6958	-6.2100			140		1R	DIAS
BMY BINGLEY MOOR	53.8708	-1.8193	411.88	441.66	240	83-	1	LDS
HOY HIGH HOYLAND	53.5867	-1.5973	426.65	410.11	205	83-	1	LDS
OXE OXENHOPE MOOR	53.7908	-1.9798	401.33	432.74	438	83-	1	LDS

* WLC became a 3-component station on 12 May 1987
 WST became a 1-component station on 12 May 1987

Agency codes:

BGS	British Geological Survey
DIAS	Dublin Institute of Advanced Studies
LDS	University of Leeds

Component codes:

1	Single vertical seismometer
3	Orthogonal set of 3 seismometers
4	As in 3, above, plus one low-gain vertical
L	Single low-gain vertical seismometer
R	Station coordinates registered with the International Seismological Centre, England and the National Earthquake Information Centre, USA.
m	Low-frequency microphone

KEY TO CATALOGUE ABBREVIATIONS

Date : Day, month and year of event.
HrMnSecs: Time of occurrence of event in hours, mins and secs, GMT always.
Lat Lon : Latitude and Longitude of the event, negative longitude indicates west.
KmE KmN : UK National grid reference in kilometres east and north of grid origin.
Dep : Depth of the hypocentre in kilometres.
(Only meaningful for A and possibly B quality solutions)
Mag : Richter local magnitude of the earthquake.
Int : Maximum MSK intensity, using the convention of Io described in the
key to phase-data encoding.

The following abbreviations are extracted from the output of the location program HYP071 (Lee and Lahr, 1975)

No : Total number of P and S readings used in the event location.
DM : Epicentral distance in kilometres to the closest station.
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.
ERZ : Standard error of the focal depth in kilometres.
Q : Solution quality of the hypocentre averaged from QS and QD (below).
A, excellent; B, good; C, fair; D, poor
SQD : S is quality factor ascribed to RMS, D is quality ascribed to number and distribution of stations.

KEY TO PHASE DATA ENCODING FORMAT

General description:

The format of the seismic data presented here was originally designed to allow direct entry onto a computer coding form. The system is described by Browitt (1985). Each line is coded according to the flag in column 80. Lines with 1, 2 or 3 in column 80 give epicentral details; those with a blank in column 80 contain phase information.

Epicentral details (1,2 or 3 in column 80):

.	1	2	3	4	5	6	7	8
1234567890123456789012345678901234567890123456789012345678901234567890								
DyMoYrNetwork....Tape..SLoc...EventSec.. Ccor DekReader.TLocality.....								1
HrMnSe:c. Grid:e./Grid:n. Dep:h M:l B:* M:b M:s Io. Lat:...N Lon:...E								2
No.DM. GapRm:s.Erh:.Erz:. Q SQD Comments.....								3
CodeCoHrMnSec1..Amp1.CP1QIUSec2..Amp2.CP2QIUAMP.CPer.MtAMP.CPer.MtJETpAModPDist								
1234567890123456789012345678901234567890123456789012345678901234567890								

Line 1:

DyMoYr : Event date....Day, Month, Year.
Network : Name of network, eg LOWNET.
Tape : Analogue tape number on which event is recorded eg LN123.
S : Tape side when two sided recording selected eg 1 or 2.
Loc : Tape footage of event eg 1200.
Event : Event number on that tape eg 20.
Sec : Second length of jet-pen playout in mm, eg 12.
Ccor : Seconds error of internal clock (absolute minus clock time) eg -0.23.
Dek : Gain of replay deck eg 5.0.
Reader : Name of analyst.
T : Event type. Earthquake.. L=Local, R=Regional, T=Teleseism, E=unknown
Explosion... Q=Quarry, D=up to 10deg, A=further than 10deg
U=Unknown, S=Sonic
Locality : Closest generally known place or area, followed by region.

Line 2: (: in field indicates decimal point)

HrMnSe:c : Hours, minutes and seconds of the origin time.

Grid:e./ : Kilometres east and north of the National grid origin.

Grid:n
 Dep:h :Depth of event in kilometres.
 (valid for A and possibly B quality events).
 M:l :Richter local magnitude obtained from the method described
 in the Manual of Seismological Observatory Practice (MSOP).
 B:* :MB*, An approximation to MB as determined using stations
 at closer ranges (paragraph 3.3.2 in MSOP).
 M:b :Body wave magnitude determined using the method described in MSOP.
 M:s :Surface wave magnitude determined using the method described in MSOP.
 Io :Maximum MSK intensity. 2+ indicates felt, no macroseismic details.
 3+, 4+ etc indicates felt at MSK 3 or 4, but no survey carried out.
 3,4,5 etc describes the maximum MSK intensity produced by the event
 Lat:... :Latitude of event in degrees and decimal degrees, positive is north
 N ::(N) North or (S) South. Only inserted if no Lat sign convention +/-
 is in use.
 Lon:... :Longitude of event in degrees and decimal degrees, negative is west
 E ::(E) East or (W) West. Only inserted if no Lon sign convention +/-
 is in use.

Line 3:

No.DM. GapRm:s.Erh:.Erz:.Q SQD : HYP071 output, see catalogue abbreviations
 Comments :Descriptive remarks about felt area and other items of interest.

Phase data (column 80 blank):

Code :Station code eg EAB.
 Co :Component, Z=Vertical, NS=North-South, EW= East-West.
 HrMn :Time datum, Hours and Minutes for phase arrivals. -1 in Hr column
 indicates the end of the event.
 Sec1 :Seconds to the first arrival. For local events this is either PN
 or PG. Subsequent P arrivals are not usually read as the location
 program HYP071 does not require them.
 Amp1 :Trace amplitude (mm) of first motion of this arrival, for 3-component
 set.
 C :Amp1 is H: half peak-peak, C: centre-peak, F or blank: peak-peak
 A:log(ground amplitude in millimicrons)
 P1 :Phase, normally P (= PN or PG) but any MSOB code possible.
 Q :HYPO weighting factor to arrival. 0 or blank= full weighting to
 4= zero weighting (ignore). 9= use P-S interval only for this line.
 I :I=Impulsive (onset read better than 0.1s) or E=emergent (worse than 0.1s)
 U :U=First motion up/compression or D=down/dilation.
 Sec2..Amp2.CP2QIU: As for first arrival, but usually referring to S phase(SN,SG)
 Amp :Trace amplitude in millimetres at the relevant part of the phase train
 for the magnitude type indicated in Mt.
 ML:largest amplitude in trace, MB*: Maximum in P-phase.
 MB:Maximum in first 25 seconds, MS: Rayleigh phase (Z,long period)
 M :Equivalent to ML, but not used in the magnitude calculation.
 C :As previous
 Per :Period (secs) of Amp.
 Mt :Magnitude type... ML ,B*, MB, MS.
 Amp.CPer.Mt: As previous
 Jetp :Jet pen sensitivity in volts/cm used on playout eg 0.25,1.0,2.5,10.0
 Amod :Amplifier-modulator gain. Normally 100, 200, 400. Low-gain devices
 usually have a gain of 4.
 P :If there is a polarity reversal in the system, this column=1.
 Dist :Distance in kilometres to event from station.

010187	LOWNET	LN 519	343	12.5	5.0DWR	LGARGUNNOCK,CENTRAL	1
	953 3.88	271.54/	695.84	0.0-0.2		56.138 -4.067	2
6 18	218 0.23	3.3	2.7	D C*D			3
EAB Z	095307.61	P	EU10.92	S 2E	2.8H0.10ML	0.25 200	18
EBH Z	095311.02	P	E 16.62	S 2E	2.8H0.10ML	0.25 200	37
ELO Z	095312.41	P	1E 17.82	S 2E	0.9H0.10ML	0.25 200	43
	-1						
030187	LOWNET	LN 519	877	12.5	5.0DWR	LROSEWELL,LOTHIAN	1
	03417.59	329.05/	662.19	0.0 0.1		55.848 -3.133	2
6 9	167 0.07	2.8	2.7	C C*C COALFIELD TYPE			3
EDI Z	003419.90	P	EU21.40	S 2E	11.0H0.23M	0.25 200	9
EDI NS0034		EU		EU	9.9H0.21ML	0.25 200	9
EDI EW0034		E		E	6.8H0.21ML	0.25 200	9
EBL Z	003420.08	P	E 21.89	S 2ED			10
EAU Z	003422.01	P	EU24.99	S 2E			20
	-1						
030187	LOWNET	LN 519	1103	12.5	5.0DWR	LROSEWELL,LOTHIAN	1
	165819.91	330.87/	664.01	7.2-0.1		55.864 -3.105	2
6 8	197 0.09	1.8	1.4	C B*D COALFIELD TYPE			3
EDI Z	165822.19	P	EU23.38	S 2EU	11.1H0.30M	0.25 200	8
EDI NS1658		EU		E	6.5H0.20ML	0.25 200	8
EDI EW1658		E		E	6.9H0.21ML	0.25 200	8
EBL Z	165822.40	P	E 24.22	S 2ED			11
EAU Z	165824.19	P	E 27.31	S 2E			22
	-1						
060187	LOWNET	LN 519	1954	12.5	5.0DWR	LMARYPORT,CUMBRIA	1
	63957.45	309.13/	541.60	1.0 1.4		54.761 -3.412	2
10 50	337 0.26	17.5	12.7	D D*D			3
ECK Z	064006.55	P	E 13.53	S 2E		1.0 200	50
ESK Z	064008.60	P	EU16.90	S 2EU	2.6H0.09M	1.0 200	63
ESK NS0640		EU		E	3.8H0.10ML	1.0 200	63
ESK EW0640		EU		ED	3.0H0.10ML	1.0 200	63
EBL Z	064017.20	P	1ED31.00	S 2E			115
EAU Z	064017.85	P	2E 31.80	S 2ED			121
EDI Z	064019.8	P	3E 35.40	S 2E	2.5H0.19M	0.25 200	130
EDI NS0640		E		EU	3.8H0.19ML	0.25 200	130
EDI EW0640		E		E	4.2H0.20ML	0.25 200	130
EAB Z	064020.52	P	2E 37.7	S 3E			169
	-1						
070187	LOWNET	LN 520	270	12.5	5.0DWR	LROSEWELL,LOTHIAN	1
	232537.66	328.67/	662.04	0.0 0.0		55.846 -3.139	2
6 9	162 0.04	2.3	2.3	C B*C COALFIELD TYPE			3
EDI Z	232539.92	P	EU41.60	S 2ED	10.3H0.27M	0.25 200	9
EDI NS2325		ED		ED	7.1H0.19ML	0.25 200	9
EDI EW2325		E		E	5.5H0.28ML	0.25 200	9
EBL Z	232540.15	P	ED42.09	S 2E			10
EAU Z	232542.00	P	1E 45.01	S 2E			20
	-1						
080187	LOWNET	LN 520	517	25.0	5.0DWR	LROSEWELL,LOTHIAN	1
	172232.45	329.26/	662.54	0.7 1.2		55.851 -3.130	2
9 9	120 0.11	0.6	0.8	B A*B COALFIELD TYPE			3
EDI Z	172234.64	P	ID35.93	S 2ED	3.1H0.29M	10.0 200	9
EDI NS1722		ID		EU	2.7H0.13ML	10.0 200	9
EDI EW1722		IU		EU	4.4H0.19ML	10.0 200	9
EBL Z	172234.96	P	ED36.51	S 2EU			10
EAU Z	172236.71	P	ID39.70	S 3EU			20
ESY Z	172238.93	P	IU				33
EBH Z	172241.86	P	ED48.52	S 3E			50
EDU Z	172248.48	P	1ED				78
ELO Z	172246.69	P	2E				78
EAB Z	172246.82	P	2E				84
	-1						
090187	LOWNET	LN 520	851	12.5	5.0DWR	LROSEWELL,LOTHIAN	1
	174332.36	328.97/	662.86	1.1 0.5		55.854 -3.135	2
8 8	120 0.14	1.0	1.3	B B*B COALFIELD TYPE			3
EDI Z	174334.45	P	ID35.69	S 2E	5.0H0.21M	1.0 200	8
EDI NS1743		ID		EU	4.0H0.22ML	1.0 200	8
EDI EW1743		IU		E	6.5H0.30ML	1.0 200	8
EBL Z	174334.91	P	EU36.41	S 2EU			11
EAU Z	174336.59	P	ED39.38	S 3E			20
ESY Z	174338.82	P	2E				33
EBH Z	174341.70	P	2E				50
	-1						
130187				5.0		LLLANDRINDOD, POWYS	1
	143430.13	305.03/	258.40	32.6-0.2		52.215 -3.390	2
5 17	152 0.19	16.0	10.3	D D*D			3
HTR Z	143435.67	P	IU				17
HCG Z	143436.39	P	EU		6.0 H0.2 ML	1.0 200	22
MCHEW	143438.02	P	EU43.48	S	5.0 H0.2 ML	1.0 200	
MCH Z	143438.10	P	IU43.50	S			36
MCHNS	143438.22	P	IU43.49	S	4.5 H0.1 ML	1.0 200	
SBD Z	143443.20	P	EU				77

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-1							
130187 N WALES					5.0KPR	LLLEYN AFTERSHOCK	1
17 534.71	239.17/ 344.29	23.0	0.5		52.971	-4.395	2
18 2 155 0.09	0.4 0.7 B A*C						3
WCB Z 1705		49.27		S 2E			46
WCB NS1705					3.5 H0.06ML	0.25 200	46
WCB EW1705					3.5 H0.07ML	0.25 200	46
YRC Z 1705		45.87		S 2			33
YRE Z 170538.44	P ID						2
WPM Z 170543.01	P IID						46
WLF Z 170541.46	P 1E 46.25			S IU			35
WME Z 170543.24	P IU49.24			S 2E			48
YLL Z 170540.05	P IU43.65			S IU			24
WST Z 170540.45	P E 44.45			S IU			27
WST NS1705					11.5H0.06ML	1.0 200	27
WST EW1705					13.9H0.08ML	1.0 200	27
WVR Z 1705		51.09		S 1E			57
WBR Z 170541.70	P E 46.30			S ID			36
WLC Z 170542.39	P EU47.60			S 2E			42
WFB Z 170542.13	P 1E 47.62			S 2E			40
-1							
140187 LOWNET	LN 520	2306	12.5		5.0DWR	LROSEWELL, LOTHIAN	1
33750.97	328.83/ 662.44	2.2	1.2		55.850	-3.137	2
9 9 123 0.11	0.5 0.9 B A*B COALFIELD TYPE						3
EDI Z 033752.86	P ID54.26			S 2E 10.5H0.20M		2.5 200	9
EDI NS0337	ID			EU 9.3H0.25ML		2.5 200	9
EDI EW0337	IU			E 13.7H0.20ML		2.5 200	9
EBL Z 033753.23	P ID54.69			S 3E			10
EAU Z 033754.95	P ID57.06			S 3E			20
ESY Z 033757.27	P 2ED						34
EBH Z 033800.10	P 2ED06.76			S 3EU			50
-1							
140187 LOWNET	LN 521	58	25.0		5.0DWR	LROSEWELL, LOTHIAN	1
1236 1.69	329.15/ 662.94	1.1	1.0		2+ 55.854	-3.132	2
9 8 118 0.13	0.8 0.9 B A*B COALFIELD TYPE, FELT					ROSEWELL:UNDERGROUND	3
EDI Z 123603.79	P ID05.03			S 2E 7.9H0.18M		2.5 200	8
EDI NS1236	ED			ED 6.6H0.20ML		2.5 200	8
EDI EW1236	IU			EU10.4H0.20ML		2.5 200	8
EBL Z 123604.21	P EU05.73			S 2EU			11
EAU Z 123605.88	P ID08.84			S 3E			20
ESY Z 123608.10	P 1EU						33
EBH Z 123611.10	P 1EU17.1			S 3E			50
EDU Z 123614.78	P 2EU						78
ELO Z 123615.4	P 2E						78
-1							
150187 LOWNET/KYL		233	12.5		5.0DWR	LARDNAMURCHAN, HIGHLAND	1
11910.72	133.40/ 746.44	5.0	0.8		56.534	-6.337	2
4 99 278 0.08	C A*D						3
EAB Z 011931.9	P E 47.0			S 2E 1.6H0.10ML		0.25 200	129
ELO Z 011937.1	P E 55.6			S 2E 1.5H0.09ML		0.25 200	162
KPL Z 011927.00	P E 39.0			S			99
KPL NS0119					2.0H0.10ML	0.25 200	99
KPL EW0119					3.0H0.15ML	0.25 200	99
-1							
150187 LOWNET	LN 521	463	12.5		5.0DWR	LKIRKCALDY, FIFE	1
18 015.23	331.35/ 688.68	0.2	0.2		56.086	-3.103	2
9 19 115 0.18	1.0 1.8 C B*C OFFSHORE, COALFIELD TYPE						3
EDI Z 180019.34	P ID22.40			S 2E15.7H0.20M		0.25 200	19
EDI NS1800	IU			EU12.3H0.18ML		0.25 200	19
EDI EW1800	EU			E 5.9H0.22ML		0.25 200	19
EBH Z 180021.19	P ID25.85			S 2IU			31
EAU Z 180021.91	P ED						35
ESY Z 180022.09	P ID						36
EBL Z 180022.21	P ID27.28			S 2EU			35
EDU Z 180025.38	P 2E						52
-1							
150187 LOWNET	LN 521	537	12.5		5.0DWR	LROSEWELL, LOTHIAN	1
232712.48	327.73/ 662.73	0.6	0.0		55.852	-3.154	2
6 8 156 0.10	0.6 0.8 B A*C COALFIELD TYPE						3
EDI Z 232714.52	P E 15.91			S 2E 5.7H0.30M		0.25 200	8
EDI NS2327	E			ED 5.4H0.21ML		0.25 200	8
EDI EW2327	E			EU 6.5H0.29ML		0.25 200	8
EBL Z 232715.20	P 1E 16.9			S 3EU			11
EAU Z 232716.63	P ID19.3			S 3E			19
-1							
160187 LOWNET	LN 521	558	12.5		5.0DWR	LROSEWELL, LOTHIAN	1
05641.20	328.58/ 664.21	1.4	0.7		55.866	-3.141	2
8 7 114 0.28	1.8 2.0 B B*B COALFIELD TYPE						3
EDI Z 005643.03	P ID44.29			S 2E 9.6H0.19M		1.0 200	7
EDI NS0056	ID			E 8.4H0.20ML		1.0 200	7
EDI EW0056	IU			EU12.6H0.20ML		1.0 200	7
EBL Z 005644.47	P 1EU44.91			S 3E			12
EAU Z 005645.11	P ID47.90			S 3EU			20

ESY Z 005647.38	P 1E						34
EBH Z 005650.33	P 1IU						48
-1							
160187 LOWNET	LN 521	609	25.0	5.0DWR	LROSEWELL,LOTHIAN	1	
441 0.28	328.96/	662.59	2.1 1.3		55.851 -3.135	2	
9 9 121 0.08	0.3	0.7 B A*B COALFIELD TYPE				3	
EDI Z 044102.18	P ID03.60		S 2EU	9.8H0.20M	2.5 200	9	
EDI NS0441	ID		EU	10.4H0.28ML	2.5 200	9	
EDI EW0441	IU		E	13.7H0.20ML	2.5 200	9	
EBL Z 044102.59	P ID04.10		S 3EU			10	
EAU Z 044104.28	P ID07.08		S 3E			20	
ESY Z 044106.53	P 1EU					33	
EBH Z 044109.44	P 1ED16.10		S 2E			50	
EDU Z 044113.83	P 2E					78	
EAB Z 044114.70	P 2E					84	
-1							
160187 N WALES				5.0KPR	LLLEYN AFTERSHOCK	1	
9 653.72	239.73/	342.81	23.4 0.2		52.958 -4.386	2	
10 21 215 0.06	0.6	0.7 C A*D				3	
WST Z 090659.85	P E 63.33		S 1			27	
WST NS0906				14.0H0.09ML	0.25 200	27	
WST EW0906				11.0H0.05ML	0.25 200	27	
YRH Z 090658.84	P 1E 62.36		S 1E			21	
WBR Z 090660.56	P 1E 65.19		S 3E			35	
WLC Z 090661.30	P ID66.54		S 3E			41	
WFB Z 090660.89	P 3E 65.95		S 1E			39	
-1							
160187				5.0	LYSTRADFELLTE, POWYS	1	
111345.65	290.05/	215.32	35.3 1.0		51.825 -3.596	2	
5 36 288 0.03	1.5	2.9 C B*D				3	
HTR Z 111353.47	P ID59.30		S 8.0	H0.2 ML	0.25 200	36	
MCH Z 111354.60	P ID61.10		S			58	
MCHNS 111354.60	P ID61.10		S				
MCHEW 111354.60	P ID61.10		S				
HGH Z 111356.20	P ID			6.25H0.1 ML	0.25 200	97	
-1							
160187 LOWNET	LN 521	855	12.5	5.0DWR	LKIRKCALDY,FIFE	1	
2233 2.43	331.85/	689.73	0.1-0.4		56.096 -3.096	2	
7 20 180 0.09	0.6	1.1 B A*C				3	
EDI Z 223306.72	P ED09.92		S 2E	4.3H0.12M	0.25 200	20	
EDI NS2233	EU		EU	4.1H0.15ML	0.25 200	20	
EDI EW2233	E		E	1.0H0.19ML	0.25 200	20	
EBH Z 223308.50	P EU13.26		S 2IU			31	
EAU Z 223309.32	P 1ED					36	
ESY Z 223309.40	P 1E					36	
EBL Z 223309.60	P ID					36	
-1							
190187 LOWNET	LN 521	1629	12.5	5.0DWR	LROSEWELL,LOTHIAN	1	
63658.25	328.96/	662.85	1.9 0.3		55.854 -3.135	2	
7 8 170 0.08	0.6	0.7 B A*C COALFIELD TYPE				3	
EDI Z 063700.19	P ID01.67		S 2ED15.9H0.21M		0.25 200	8	
EDI NS0637	ID		E 13.6H0.26ML		0.25 200	8	
EDI EW0637	IU		IU16.7H0.20ML		0.25 200	8	
EBL Z 063700.59	P E 02.38		S 2ED			11	
EAU Z 063702.22	P ID05.21		S 3E			20	
EBH Z 063707.50	P 1EU					50	
-1							
200187 LOWNET	LN 521	2075	12.5	5.0DWR	LROSEWELL,LOTHIAN	1	
145957.33	328.65/	662.40	1.6 0.7		55.850 -3.140	2	
8 9 124 0.11	0.6	0.9 B A*B COALFIELD TYPE				3	
EDI Z 145959.38	P EU60.87		S 2EU	5.7H0.30M	1.0 200	9	
EDI NS1459	IU		E 6.3H0.28ML		1.0 200	9	
EDI EW1459	ED		IU 8.1H0.29ML		1.0 200	9	
EBL Z 145959.61	P E 61.51		S 2ED			10	
EAU Z 145961.40	P ID64.20		S 2EU			20	
ESY Z 145963.9	P 3E					34	
EBH Z 145966.6	P 3E					50	
-1							
200187 LOWNET	LN 521	2100	12.5	5.0DWR	LROSEWELL,LOTHIAN	1	
164943.78	328.62/	663.39	1.2 0.3		55.858 -3.141	2	
7 8 169 0.11	1.5	1.5 C B*C COALFIELD TYPE				3	
EDI Z 164945.71	P ID47.21		S 2ED17.3H0.20M		0.25 200	8	
EDI NS1649	ED		E 14.7H0.23ML		0.25 200	8	
EDI EW1649	EU		IU17.2H0.20ML		0.25 200	8	
EBL Z 164946.49	P ED48.00		S 2EU			11	
EAU Z 164947.81	P ID50.80		S 3E			20	
EBH Z 164953.05	P 2E					49	
-1							
210187				5.0	LHALFWAY HOUSE,SALOP	1	
163934.90	335.40/	311.73	2.5 0.7		52.699 -2.956	2	
6 21 209 0.17	3.5	6.4 D C*D				3	
HLM Z 163939.1	P ID41.62		S	21.5H0.21ML	0.25 200	21	
SBD Z 163940.5	P ID					31	

HCG Z 163946.78	P	ID53.9	S			63
WVR Z 163943.05	P	E				45
-1						
220187 LOWNET	LN 522	359	12.5	5.0DWR	LPOLTION, LOTHIAN	1
1013 8.95	329.35/	665.52	2.4 0.5		55.878 -3.129	2
8 6 112 0.08	0.5	0.8 B A*B COALFIELD TYPE				3
EDI Z 101310.41	PG ID11.57	SG2EU13.1H0.22M		1.0	200	6
EDI NS101310.41	PG ID11.57	SG E 7.9H0.19ML		1.0	200	6
EDI EW101310.41	PG EU11.57	SG EU 7.0H0.18ML		1.0	200	6
EBL Z 101311.59	PG EU13.42	SG3E				13
EAU Z 101312.93	PG EU16.09	SG3E				21
ESY Z 101315.08	PG3E					33
EBH Z 101317.63	PG3E					48
-1						
220187 LOWNET	LN 522	438	12.5	5.0DWR	LROSEWELL, LOTHIAN	1
155725.76	329.01/	662.88	1.5 1.1		55.854 -3.134	2
10 8 119 0.05	0.2	0.3 B A*B COALFIELD TYPE				3
EDI Z 155727.76	PG ID29.25	SG2E 9.2H0.20ML		2.5	200	8
EDI NS155727.76	PG ID29.25	SG ED 9.3H0.22ML		2.5	200	8
EDI EW155727.76	PG EU29.25	SG IU13.9H0.21ML		2.5	200	8
EBL Z 155728.16	PG EU30.00	SG2ED				11
EAU Z 155729.85	PG ID32.79	SG3E				20
ESY Z 155732.10	PG EU36.60	SG3E				33
EBH Z 155734.99	PG ED41.55	SG3E				50
-1						
220187 N WALES				5.0KPR	LLLEYN AFTERSHOCK	1
1852 9.26	237.04/	344.26	21.6 0.9		52.971 -4.427	2
18 1 209 0.13	0.7	1.0 C A*D				3
WCB Z 185217.78	P 2E	23.62	S 2E			46
WCB NS1852				5.9 H0.08ML	0.25 200	46
WCB EW1852				6.2 H0.18ML	0.25 200	46
YRC Z 185216.59	P 3E					33
YRE Z 185212.75	P ID					1
WPM Z 185217.55	P 1E					47
WLF Z 185215.81	P 1E 20.52	S 2E				36
WME Z 185217.79	P 1E 23.57	S 3E				48
YLL Z 185214.67	P IU18.26	S 1I				26
WST Z 185215.20	P IU19.38	S ID				29
WST NS1852				14.4H0.08ML	1.0 200	29
WST EW1852				16.6H0.06ML	1.0 200	29
WBR Z 185216.31	P ID21.00	S 1E				38
WLC Z 185217.11	P EU22.61	S 1E				44
WFB Z 185216.87	P 1E 21.81	S 3E				41
-1						
230187				5.0	LOBAN, STRATHCLYDE	1
0 338.81	192.18/	728.04	1.2 0.9		56.399 -5.368	2
4 68 322 0.04		C A*D				3
PMS Z 000351.03	P EU60.82	S 2E 5.0 H0.10ML		0.25	200	73
PCO Z 000354.48	P 1E 66.72	S 3E				91
EAB Z 000350.72	P 2E					68
-1						
230187				5.0	LLANGHOLM, DUM & GALL	1
3 238.51	336.68/	591.45	0.5 0.4		55.213 -2.995	2
6 9 230 0.17	2.3	1.9 C B*D				3
ESY Z 030253.15	P 2E 63.85	S 3				82
ECK Z 030240.66	P 2E 42.61	S 2				9
ESK Z 030242.19	P ID45.19	S 2				18
ESK NS0302				11.5H0.05ML	1.0 200	18
ESK EW0302				11.5H0.07ML	1.0 200	18
-1						
240187 HEREFORD				5.0MJA	LN.WELSHPOOL, SALOP	1
1253 5.21	330.32/	317.98	7.2 0.5		52.755 -3.033	2
10 23 202 0.08	0.6	2.4 C B*D				3
SBD Z 125309.18	P 1IU12.02	S 2	14.4H0.06ML		0.25 200	23
HLM Z 125310.14	P 1ID13.46	S 2	9.4 H0.13ML		0.25 200	28
HCG Z 125316.0	P 3E 23.36	S 3				64
WST Z 1253	24.50	S 3E				69
WST NS1253				5.0 H0.11ML	0.25 200	69
WVR Z 125312.12	P 3E					39
WBR Z 125315.14	P 3E 22.14	S 3E				59
WST EW1253				2.9 H0.07ML	0.25 200	69
-1						
260187 KYL				5.0MJA	LLOC CARRON, HIGHLAND	1
01233.71	171.65/	824.32	7.1 0.0		57.253 -5.786	2
4 13 216 0.02		C A*D				3
KPL Z 001236.5	P 38.45	S				13
KPL NS0012				08.5H0.09ML	0.25 200	13
KPL EW0012				20.0H0.10ML	0.25 200	13
KSB Z 0012	41.25	S				23
KAR Z 0012	45.25	S				37
-1						
290187				5.0	LGLENDARUEL, STRATHCLYDE1	1
91845.93	207.03/	686.05	0.5 0.9		56.028 -5.097	2

Table 5 (cont'd)

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060287	HEREFORD				5.0MJA	LBRISTOL CHANNEL	1
11 3 3.46	301.45/ 157.77	0.3 2.1			51.310	-3.414	2
7 56 196	0.17 3.3 36.4	D C*D					3
MCH Z 110317.45	P 1IU						82
MCH NS1103				3.5 H0.24ML	2.5	200	82
MCH EW1103				4.0 H0.12ML	2.5	200	82
SBD Z 110332.80	P 1 54.00	S 2					178
HAE Z 110321.06	P 1ID						101
HGH Z 110313.63	P 1IU						56
HTR Z 110318.20	P 2						86
HLM Z 110326.90	P 1ID						139
HTL Z 110317.9	P 1E						83
HTL NS1103			10.0H0.15ML	1.0	200		83
HTL EW1103			14.0H0.20ML	1.0	200		83
-1							
070287	LOWNET	LN525	174	12.5	5.0DWR	LROSEWELL, LOTHIAN	1
42719.62	328.11/ 662.43	3.4 0.7			55.850	-3.148	2
10 9 126	0.18 0.8 2.3	B B*B COALFIELD TYPE					3
EDI Z 042721.48	PG EU22.72	SG2E 11.3H0.19M	1.0	200			9
EDI NS042721.48	PG ED22.72	SG EU11.7H0.12ML	1.0	200			9
EDI EW0427	PG EU	SG E 16.2H0.19ML	1.0	200			9
EBC Z 042721.81	PG E 23.38	SG2EU					11
EAU Z 042723.52	PG ID26.13	SG3E					19
ESY Z 042726.19	PG1E 31.48	SG3E					34
EBH Z 042728.29	PG IU34.90	SG3E					50
-1							
070287	LOWNET	LN 525	176	12.5	5.0DWR	LROSEWELL, LOTHIAN	1
43840.82	329.26/ 663.12	3.6 0.7			55.856	-3.130	2
8 8 117	0.13 0.2 0.8	B A*B COALFIELD TYPE					3
EDI Z 043842.60	PG ID43.89	SG2E 9.4H0.21M	1.0	200			8
EDI NS043842.60	PG ID43.89	SG E 9.0H0.19ML	1.0	200			8
EDI EW043842.60	PG IU43.89	SG EU10.5H0.21ML	1.0	200			8
EBC Z 043843.14	PG1EU44.6	SG3E					11
ESY Z 043846.99	PG2E						33
EAU Z 043844.70	PG ID47.63	SG3E					20
EBH Z 043849.93	PG1EU						50
-1							
070287	LOWNET	LN 525	350	12.5	5.0DWR	LROSEWELL, LOTHIAN	1
17 823.65	330.12/ 662.85	0.5 0.7			55.854	-3.116	2
9 9 114	0.09 0.4 0.4	B A*B COALFIELD TYPE					3
EDI Z 170825.93	PG IU27.32	SG2E 11.5H0.31M	1.0	200			9
EDI NS1708	PG IU	SG E 7.0H0.32ML	1.0	200			9
EDI EW1708	PG ID	SG EU 5.9H0.30ML	1.0	200			9
EBC Z 170826.22	PG1ED27.89	SG3ED					10
EAU Z 170828.09	PG1E 30.80	SG3ED					21
ESY Z 170829.90	PG2E						32
EBH Z 170833.20	PG1EU39.82	SG2E					50
-1							
090287	LOWNET	LN 525	1116	25.0	5.0DWR	LCOMRIE, TAYSIDE	1
221315.39	277.64/ 724.85	3.2 1.0			2+	56.400	-3.983
11 18 202	0.29 1.8 3.3	C B*D FELT COMRIE					3
ELO Z 221319.10	P IU21.20	S 1EU					19
EAB Z 221321.40	P ED25.32	S 2EU					32
EBC Z 221321.84	P IU25.79	S 2E					34
EDU Z 221326.61	P 2ED33.49	S 3E					62
EAU Z 221327.70	P 1EU						70
EDI Z 221328.46	P 3E 36.11	S 3E 4.6H0.09M	0.25	200			73
EDI NS2213	E	E 5.8H0.10ML	0.25	200			73
EDI EW2213	E	E 5.6H0.11ML	0.25	200			73
-1							
100287				5.0		OFFSHORE SHETLAND	1
01345.52	402.29/1119.36	5.0 0.6			59.960	-1.959	2
3 41 345	0.00 0.0 0.0	C A*D					3
LRW Z 0013	60.1	S 1					48
LRW NS0013		7.5H0.1ML	0.25	200			48
LRW EW0013		5.5H0.1 ML	0.25	200			48
SAN Z 001352.85	P 0ID58.2	S 1					41
-1							
110287	LOWNET	LN 525	1512	12.5	5.0DWR	LKIRCALDY, FIFE	1
345 4.06	330.02/ 689.17	0.5-0.4			56.090	-3.125	2
6 19 225	0.08 0.6 0.4	C A*D					3
EDI Z 034508.11	PG E 11.30	SG2E 4.5H0.12M	0.25	200			19
EDI NS0345	PG E	SG E 4.5H0.12ML	0.25	200			19
EDI EW0345	PG E	SG E 2.1H0.11ML	0.25	200			19
EBC Z 034509.88	PG E 14.31	SG2E					30
EAU Z 034510.62	PG E						34
EBH Z 034510.91	PG E						36
-1							
110287	LOWNET	LN 525	1544	12.5	5.0KPR	LROSEWELL, LOTHIAN	1
638 6.76	328.65/ 662.79	2.7 0.0			55.853	-3.140	2
6 8 166	0.13 0.9 31.1	C C*C COALFIELD TYPE					3
EDI Z 063808.72	P EU09.84	S E 14.0H0.26M	0.25	200			8
EDI NS0638	P E	S EU8.75H0.11ML	0.25	200			8

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EDI EW0638	P E	S EU11.7H0.20ML	0.25 200	8
EAU Z 063810.80	P ED13.25	S E		20
EBL Z 063809.06	P ED10.68	S E		11
-1				
110287 LOWNET	LN 525 1546	12.5 5.0KPR	LROSEWELL,LOTHIAN	1
64239.37 329.91/ 663.44	4.0 0.3	55.859 -3.120		2
6 8 183 0.14 1.6	7.6 C*D COALFIELD TYPE			3
EDI Z 064241.51	P EU42.55	S E 21.9H0.26M	0.25 200	8
EDI NS0642	P E	S E 16.5H0.20ML	0.25 200	8
EDI EW0642	P E	S E 12.0H0.21ML	0.25 200	8
EAU Z 064243.54	P ED46.30	S E		21
EBL Z 064241.50	P E 43.42	S E		11
-1				
110287 LEEDS		5.0MJA	LLEEDS,YORKSHIRE	1
102439.14 429.59/ 451.33	13.3 1.0	53.957 -1.549		2
4 5 334 0.07	C A*D COALFIELD TYPE			3
HPK Z 102441.6	P 1 43.55	S 1		5
HPK NS1024		16.0H0.20ML	1.0 200	5
HPK EW1024		26.0H0.20ML	1.0 200	5
BMY Z 102443.4	P 1 46.2	S 3		20
-1				
120287 LOWNET	LN 526 216	12.5 5.0KPR	LBUCKHAVEN,FIFE	1
22223.84 338.01/ 697.79	6.9 0.0	56.169 -2.998		2
9 30 141 0.59 3.9	24.1 D D*C			3
EDI Z 022228.98	P ID31.95	S 2E		30
EDI NS0222		7.2H0.08ML	0.25 200	30
EDI EW0222		3.0H0.08ML	0.25 200	30
EAU Z 022231.49	P E			46
EBL Z 022230.83	P IU			44
ESY Z 022230.83	P EU31.71	S 4		37
EBH Z 022230.75	P ID34.72	S 3		33
EDU Z 022230.85	P 1E			42
ELO Z 022230.86	P E			56
-1				
120287 LOWNET	LN 526 333	12.5 5.0KPR	LROSEWELL,LOTHIAN	1
104612.76 329.38/ 663.51	3.1 0.0	55.860 -3.128		2
6 8 178 0.08 0.7	8.6 C C*C COALFIELD TYPE			3
EDI Z 104614.69	P EU15.81	S 2E11.9H0.28M	0.25 200	8
EDI NS1046		9.4H0.12ML	0.25 200	8
EDI EW1046		12.1H0.19ML	0.25 200	8
EAU Z 104616.80	P ID19.55	S 3		21
EBL Z 104615.02	P E 16.80	S 3		11
-1				
130287 LOWNET	LN 526 535	12.5 5.0KPR	LKIRKCALDY,FIFE	1
121 0.63 329.48/ 689.24	0.0-0.5	56.091 -3.134		2
5 19 224 0.05 0.9	0.9 C A*D			3
EDI Z 012104.69	P E 7.91	S 2E		19
EDI NS0121	P IU	4.2H0.13ML	0.25 200	19
EDI EW0121	P E	1.9H0.08ML	0.25 200	19
EAU Z 012107.29	P E			34
EBL Z 012107.66	P E			36
EBH Z 012106.49	P E			29
-1				
130287 LOWNET	LN 526 562	12.5 5.0KPR	LKIRKCALDY,FIFE	1
31522.46 330.73/ 689.04	2.4-0.5	56.089 -3.113		2
6 19 176 0.16 0.5	1.7 C B*C			3
EDI Z 031526.29	P E 28.08	S 3E		19
EDI NS0315	P E	6.1 H0.13ML	0.25 200	19
EDI EW0315		2.0 H0.06ML	0.25 200	19
EAU Z 031528.83	P E 31.08	S 3E		35
EBL Z 031529.14	P E			35
ESY Z 031529.08	P E			37
EBH Z 031528.05	P 1E			30
-1				
130287		5.0MJA	LLOCH MAREE,HIGHLAND	1
201156.50 192.46/ 876.94	5.0 1.9	57.734 -5.487		2
8 28 242 0.11 1.5	1.2 C B*D			3
MCD Z 201218.50	P 1 34.50	S 3		134
MCD NS2012		20.0H0.10ML	0.25 200	134
MCD EW		25.0H0.20ML	0.25 200	134
MDO Z 201209.20	P 1			75
MVH Z 201209.80	P 1IU			80
MLA Z 201218.40	P 3			141
KPL Z 201204.5	P 1			45
KPL NS2012		10.0H0.2 ML	1.0 200	45
KPL EW2012		10.0H0.15ML	1.0 200	45
KSB Z 201206.7	P 1 U13.80	S 2		59
KAC Z 201201.8	P 1 U			29
EDI Z 201234.11	P 4E			246
EDI NS2012		3.6H0.15ML	0.25 200	246
EDI EW2012		5.0H0.12ML	0.25 200	246
EAU Z 201233.39	P 4E			244
EAB Z 201226.05	P 4E 46.40	S 4		186

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EBH Z 201228.78	P 4E 48.32	S 4		205
EDU Z 201228.86	P 4E			200
ELO Z 201224.91	P 4E 44.56	S 4		177
-1				
130287 LOWNET LN 526 832	12.5	5.0KPR	LKIRKCALDY, FIFE	1
224811.98 331.21/ 689.72	5.5-0.4		56.095 -3.106	2
6 20 179 0.08 0.9 1.6 B A*C				3
EDI Z 224815.83 P ID	S 2	7.9 H0.18M	0.25 200	20
EDI NS2248 IU		6.5 H0.14ML	0.25 200	20
EDI EW2248		2.1 H0.07ML	0.25 200	20
EAU Z 224818.40 P E				35
EBL Z 224818.72 P E				36
ESY Z 224818.57 P E				37
EBH Z 224817.65 P E 21.64	S 3			30
-1				
140287 N WALES WA 073	25.0	5.0KPR	LLLEYN AFTERSHOCK	1
55641.55 239.40/ 344.35	23.9 0.6		52.972 -4.392	2
18 2 150 0.13 0.7 1.0 B A*C				3
WCB Z 0556 55.87	S 3E			46
WCB NS0556		7.0 H0.06ML	0.25 200	46
WCB EW0556		7.5 H0.09ML	0.25 200	46
YRC Z 055648.19 P 2IU52.74	S 2E			33
YRE Z 055645.30 P 3E				2
WFM Z 055649.80 P 3E				46
WLF Z 055648.33 P 3E 53.04	S 3E			35
WME Z 055649.98 P 3E 56.16	S 3E			48
YLL Z 055646.88 P 2IU50.75	S 2E			24
WST Z 0556 51.33	S 2E			27
WST NS0556		12.5 H0.04ML	1.0 200	27
WST EW0556		8.1 H0.04ML	1.0 200	27
WBR Z 055648.31 P 3E 53.00	S 3E			36
WLC Z 055649.28 P 2IU54.67	S 3E			41
WFB Z 055649.16 P 2E 54.50	S 3E			40
-1				
140287 LOWNET LN 526 959	12.5	5.0KPR	LROSEWELL, LOTHIAN	1
75222.46 329.00/ 663.49	2.4 0.3		55.859 -3.134	2
5 8 174 0.07 0.5 1.1 C A*D COALFIELD TYPE				3
EDI Z 075224.30 P IU25.43	S 3E			8
EDI NS0752		6.5 H0.10ML	1.0 200	8
EDI EW0752		8.4 H0.10ML	1.0 200	8
EAU Z 075226.35 P 1ID				20
EBL Z 075224.84 P 2E 25.82	S 3E			11
-1				
140287 LOWNET LN 526 25.0	5.0ODWR	LCOMRIE, TAYSIDE	1	
23 355.87 277.57/ 725.48	2.9 2.2	3+ 56.406 -3.984	2	
14 18 204 0.25 1.6 2.6 C B*D FELT COMRIE & CRIEFF			3	
ELO Z 230359.52 P IU61.52 S 1IU		1.0 200	18	
EAB Z 230402.04 P ED06.01 S 1IU			33	
EBH Z 230402.50 P IU66.51 S 2ED			34	
EDU Z 230406.60 P 1EU14.07 S 2EU			62	
EAU Z 230408.11 P EU			71	
EDI Z 230408.34 P 1EU16.93 S 1E 6.1 H0.20M		1.0 200	73	
EDI NS2304 E EU13.3 H0.28ML		1.0 200	73	
EDI EW2304 EU E 8.0 H0.30ML		1.0 200	73	
EBL Z 230411.90 P 1EU23.70 S 2E			92	
ESY Z 230412.83 P IU24.90 S 2E			101	
-1				
140287 LOWNET LN 526 1168	12.5	5.0KPR	LCOMRIE, TAYSIDE	1
23 738.87 277.56/ 725.84	4.0 0.4		56.409 -3.985	2
6 18 206 0.21 0.5 7.3 D C*D			3	
EAB Z 230745.20 P 3E 49.00 S 3E			33	
EBH Z 230745.40 P E 49.71 S 1E 8.5 H0.06ML		0.25 200	35	
ELO Z 230742.49 P 2E 44.72 S 2E			18	
-1				
150287 LOWNET LN 526 1472	12.5	5.0KPR	LCARRINGTON, LOTHIAN	1
21 222.39 331.82/ 661.93	4.1-0.2		55.846 -3.089	2
4 9 196 0.06 C A*D COALFIELD TYPE			3	
EDI Z 210224.70 P 1E 26.08 S 3E 7.4 H0.22M		0.25 200	11	
EDI NS2102		6.4 H0.20ML	0.25 200	11
EDI EW2102		3.6 H0.17ML	0.25 200	11
EAU Z 210226.78 P E				23
EBL Z 210224.34 P E				9
-1				
150287 LOWNET LN 526 1476	12.5	5.0KPR	LROSEWELL, LOTHIAN	1
211849.11 328.55/ 662.70	0.6-0.2		55.852 -3.141	2
4 8 165 0.08 C A*D COALFIELD TYPE			3	
EDI Z 211851.30 P E 52.51 S 3E			8	
EDI NS2118		5.05 H0.18ML	0.25 200	8
EDI EW2118		7.0 H0.13ML	0.25 200	8
EAU Z 211853.27 P E				20
EBL Z 211851.70 P 2E				11
-1				
190287 LOWNET LN 527	12.5	5.0KPR	LSTRAITON, LOTHIAN	1

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83018.27	327.38/	666.44	0.9	0.3		55.886	-3.161	2
6 4 170 0.65	5.5	6.2 D D*C COALFIELD	TYPE					3
EDI Z 083018.89	P ID20.19	S E						5
EDI NS0830	P EU	IU11.0H0.16ML				1.0 200		5
EDI EW0830	P IU	ED4.3 H0.10ML				1.0 200		5
EAU Z 083022.30	P E 26.19	S 2E						19
EBL Z 083021.00	P E 25.70	S 2E						15
-1								
190287 LOWNET	LN 527	12.5	5.0KPR	LSALINE,FIFE			1	
161657.55	297.38/ 692.64	0.6 1.4			56.115	-3.651	2	
5 17 233 0.14	0.6 0.7 C A*D							3
EDI Z 161704.33	P E 09.70	S E						36
EDI NS1617		12.5H0.50ML			0.25 200			36
EDI EW1617		15.1H0.44ML			0.25 200			36
EAU Z 161703.71	P ED08.80	S 1E						33
EBH Z 161701.29	P 1E							17
-1								
190287 JERSEY		5.0KPR	LST.JOHN'S BAY,JERSEY	1				
171527.51		5.6 0.0	49.263	-2.144	2			
7 4 266 0.21	2.3 4.2 C B*D							3
JLP Z 171529.00	P 3	4.25H0.10ML	1.0 200					4
JSA Z 171529.40	P 3 31.50	S 3						9
JVM Z 171529.20	P 3 30.50	S 3						7
JRS Z 171529.70	P 3 30.80	S 3						9
-1								
210287 LOWNET	LN 527	12.5	5.0KPR	LKIRKCALDY,FIFE	1			
44528.68	331.56/ 689.59	0.4-0.3		56.094	-3.100	2		
8 20 179 0.19	0.6 0.7 C B*C							3
EDI Z 044532.82	P E 36.09	S E						20
EDI NS0445	P IU	4.1 H0.16ML	0.25 200					20
EDI EW0445		3.1 H0.08ML	0.25 200					20
EAU Z 044535.32	P 2E							36
EBL Z 044535.72	P 1E 41.08	S 1E						36
ESY Z 044535.59	P 2E							36
EBH Z 044534.52	P 1E 39.32	S E						31
-1								
210287 N WALES	WA 074	25.0	5.0KPR	LLLEYN AFTERSHOCK	1			
172112.11	240.02/ 342.52	21.9 0.6		52.956	-4.382	2		
23 4 171 0.10	0.4 0.4 B A*C							3
WCB Z 1721	26.65	S 2E						48
WCB NS1721		7.6H0.07ML	0.25 200					48
WCB EW1721		9.0H0.06ML	0.25 200					48
YRC Z 172118.86	P 2ID23.50	S 3E						35
YRE Z 172115.86	P 3EU18.10	S 3E						4
WPM Z 172120.30	P 2EU26.20	S 3E						46
WLF Z 172119.11	P 3E 23.70	S 2E						37
WME Z 172120.70	P 3E 26.72	S 2E						49
YLL Z 172117.45	P 2IU21.17	S 2E						25
WST Z 172117.77	P 2ID21.65	S 2E						27
WST NS1721		10.6H0.05ML	1.0 200					27
WST EW1721		10.0H0.05ML	1.0 200					27
WVR Z 172121.71	P 3E 28.20	S 2E						55
WBR Z 172118.66	P 3E 23.24	S 3E						35
WLC Z 172119.62	P 2IU24.32	S 3E						41
WFB Z 172119.20	P 2EU24.09	S 3E						38
-1								
220287 LOWNET	LN 527	12.5	5.0KPR	LJEDBURGH,BORDERS	1			
72045.70	371.69/ 618.15	0.5 0.5		55.456	-2.448	2		
6 13 163 0.45	3.3 2.5 C C*C							3
EDI Z 072062.49	P 3E							70
ESY Z 072055.60	P 3E							52
ESK Z 0720	62.00	S 2E						50
ESK NS0720		4.0 H0.12ML	0.25 200					50
ESK EW0720		2.6 H0.10ML	0.25 200					50
XSO Z 072048.12	P ID51.32	S I						13
ECK Z 072055.20	P E 63.42	S 1E						53
-1								
230287		5.0MJA	LMARKET DRAYTON,SALOP	1				
2 837.76	371.20/ 338.12	10.5 2.6		52.939	-2.429	2		
18 47 115 0.08	0.3 0.8 B A*C							3
HPK Z 020857.9	P 1IU72.2	S 3E						125
HPK NS0208		15.0H0.14ML	2.5 200					125
HPK EW0208		15.0H0.21ML	2.5 200					125
BUR Z 020858.4	P 2 73.00	S 3E						127
BMY Z 020855.75	P 1ID68.80	S 3E						111
MCH Z 020855.9	P 1E 69.10	S 1						112
MCH NS0208		4.5H0.18ML	2.5 200					112
MCH EW0208		16.0H0.13ML	1.0 200					112
SBD Z 020847.30	P 1IU							56
HAE Z 020854.37	P 2E							101
HCG Z 020855.30	P 2E							108
HTR Z 020856.00	P 1E							112
HLM Z 020847.05	P 1IU							56

BSE Z 020846.09	P 1E						47
BZO Z 020846.58	P 1E 53.30	S 2E					53
BBR Z 020847.52	P 1E						57
BFR Z 020848.42	P 3E						64
-1							
230287N WALES			5.0	LL.TRAWSFYNYDD, GWYNEDD	1		
851 1.02 269.58/ 339.23	15.5-0.2		52.934 -3.941		2		
17 6 86 0.16 0.7 0.9 B B*A					3		
WST Z 08514.02	P 1ID					6	
WST NS0851	5.71	S 3	4.5 H0.05ML	1.0 200	6		
WST EW0851			4.8 H0.06ML	1.0 200	6		
WVR Z 08516.38	P 1IU9.29	S 3				27	
WBR Z 08514.15	P 1ID6.00	S 2				9	
WLC Z 08514.42	P 2EU6.28	S 3				13	
WFB Z 08516.36	P 2EU9.90	S 2				29	
YRE Z 08517.11	P 1IU11.35	S 3				33	
YLL Z 08516.10	P 1ID9.60	S 2				28	
YRC Z 0851	16.82	S 3				55	
WLF Z 0851	15.00	S 3				50	
WME Z 0851	17.24	S 3				57	
-1							
240287 LOWNET LN 527	12.5	5.0KPR	LROSEWELL, LOTHIAN	1			
175127.40 329.47/ 662.67	6.0 0.5		55.852 -3.127		2		
7 9 118 0.10 0.7 1.0 B A*B COALFIELD TYPE					3		
EDI Z 175129.42	P IU31.06	S I 10.3H0.30M	1.0 200	9			
EDI NS1751	ID	7.0H0.20ML	1.0 200	9			
EDI EW1751	EU	5.9H0.18ML	1.0 200	9			
EAU Z 175131.57	P ID34.20	S 1E				21	
EBL Z 175129.60	P ID31.50	S 1E				10	
ESY Z 175133.46	P 2E					33	
EBH Z 175136.70	P 2E					50	
-1							
250287 LOWNET LN 527	12.5	5.0KPR	LPOLTON, LOTHIAN	1			
2 355.91 329.93/ 664.24	6.8-0.5		55.866 -3.120		2		
5 8 188 0.01 0.2 0.2 C A*D COALFIELD TYPE					3		
EDI Z 020357.90	P 1E 59.36	S 1E 6.9 H0.20M	0.25 200	8			
EDI NS0203		5.1 H0.18ML	0.25 200	8			
EDI EW0203		4.0 H0.07ML	0.25 200	8			
EAU Z 020360.03	P 2E					21	
EBL Z 020358.48	P 3E 60.32	S 2E				11	
-1							
250287 LOWNET LN 528	12.5	5.0KPR	LCOMRIE, TAYSIDE	1			
142544.01 276.76/ 726.02	2.3 0.9		56.410 -3.998		2		
7 19 209 0.24 0.6 0.6 C B*D					3		
EAB Z 142550.20	P E 54.18	S 2E				33	
EBH Z 142550.70	P IU55.02	S 2E				35	
EDU Z 142555.10	P E					63	
ELO Z 142547.72	P IU49.73	S 2E				19	
EDI Z 142554.49	P 2E 64.63	S 3E				74	
EDI NS1425		6.5 H0.08ML	0.25 200	74			
EDI EW1425		4.5 H0.10ML	0.25 200	74			
-1							
270287 LOWNET LN 528	12.5	5.0KPR	LROSEWELL, LOTHIAN	1			
1 243.39 328.73/ 662.59	0.0 1.3		55.851 -3.139		2		
10 9 122 0.10 0.4 0.4 B A*B COALFIELD TYPE					3		
EDI Z 010245.60	P IU46.72	S 2E				9	
EDI NS0102		10.3H0.21ML	2.5 200	9			
EDI EW0102		15.5H0.22ML	2.5 200	9			
EAU Z 010247.70	P ID50.80	S 3E				20	
EBL Z 010245.95	P ID47.40	S 3E				11	
ESY Z 010250.08	P 2E					34	
EBH Z 010252.87	P 1E 59.56	S 2E				50	
EDU Z 010257.45	P 2E					78	
-1							
070387 LOWNET LN 529	12.5	5.0KPR	LDANDERHALL, LOTHIAN	1			
34737.70 333.13/ 670.44	0.4 0.0		55.922 -3.070		2		
6 7 180 0.16 2.0 1.9 C B*D COALFIELD TYPE					3		
EDI Z 034739.60	P ID40.63	S 1E				7	
EDI NS0347		16.0H0.12ML	0.25 200	7			
EDI EW0347	P IU	10.8H0.12ML	0.25 200	7			
EAU Z 034743.38	P 1E 46.60	S 3E				26	
EBL Z 034741.40	P 1E					17	
ESY Z 034743.31	P 1E					29	
-1							
070387		5.0MJA	LBRAEMORE, HIGHLAND	1			
234218.14 217.42/ 873.18	11.1 0.7		57.711 -5.065		2		
6 27 341 0.10 3.3 4.8 D C*D					3		
KPL Z 234227.50	P 1ID34.2	S 3E				54	
KPL NS2342		8.0H0.10ML	0.25 200	54			
KPL EW2342		4.0H0.08ML	0.25 200	54			
KSB Z 234229.65	P 3E 35.5	3E				60	
KAC Z 234223.20	P 1ID27.15	S 2				27	
-1							

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080387	LOWNET	LN 529		12.5	5.0KPR	LROSEWELL, LOTHIAN	1
	193011.31	329.05/ 664.05	2.8-0.3			55.864 -3.134	2
6	7 177 0.07	0.8 13.5 C C*C COALFIELD TYPE					3
EDI Z	193013.05	P 1E 14.24	S 2E				7
EDI NS	1930			7.1 H0.08ML		0.25 200	7
EDI EW	1930			7.5 H0.13ML		0.25 200	7
EAU Z	193015.31	P 1E 17.92	S 2E				20
EBL Z	193013.72	P 1E 15.50	S 2E				12
-1							
090387	HEREFORD			5.0MJA	LTELFORD, SHROPSHIRE	1	
	23 857.50	362.76/ 311.69	3.4 1.3			52.701 -2.551	2
10	28 166 0.19	1.1 2.5 C B*C					3
MCH Z	230911.60	P 1E 21.7	S 1				84
MCH NS	2309			9.0H0.10ML		0.25 200	84
MCH EW	2309			10.0H0.14ML		0.25 200	84
SBD Z	230907.0	P 0IU13.3	S 1				53
HAE Z	230910.27	P 0ID					74
HCG Z	230912.22	P 0ID					86
HTR Z	230911.90	P 1E					85
HLM Z	230903.14	P 0IU					31
BSE Z	230902.5	P 1E					28
BBR Z	230906.9	P 0ID					53
-1							
110387	LOWNET	LN 529		12.5	5.0KPR	LROSEWELL, LOTHIAN	1
	25215.54	329.00/ 662.52	3.8 0.4			55.851 -3.134	2
6	9 169 0.11	1.2 7.4 C C*C COALFIELD TYPE					3
EDI Z	025217.45	P 1E 19.00	S 2E				9
EDI NS	0252			15.1H0.20ML		0.25 200	9
EDI EW	0252			23.0H0.21ML		0.25 200	9
EAU Z	025219.55	P ID22.00	S 2E				20
EBL Z	025217.73	P 2E 19.41	S 2E				10
-1							
120387				5.0MJA	LBRIDGNORTH, SALOP	1	
	92859.00	370.05/ 287.25	14.0 2.5			52.482 -2.441	2
16	15 86 0.14	0.6 0.9 B A*B					3
BSE Z	092902.67	P 0IU					15
BZO Z	092903.81	P 0IU07.03	S 3				25
BFR Z	092904.77	P 0ID					30
BBR Z	092907.17	P 0IU					47
MCH Z	092909.97	P 0IU18.2	S 3				66
SBD Z	092911.25	P 0IU					73
HAE Z	092907.93	P 0IU					50
HCG Z	092913.10	P 1IU23.20	S 3				85
HTR Z	092910.97	P 0IU					72
HLM Z	092904.68	P 0ID					31
MCH NS	0929			7.5H0.12ML		2.5 200	66
MCH EW	0929			13.0H0.08ML		2.5 200	66
CWF Z	092912.20	P 3 21.1	S 3				82
HPK Z	092925.3	P 0 46.0	S 3				173
HPK NS	0929			7.5H0.14ML		2.5 200	173
HPK EW	0929			9.0H0.14ML		2.5 200	173
BMY Z	092924.00	P 3					160
-1							
130387	LOWNET	LN 530		12.5	5.0KPR	LLOANHEAD, LOTHIAN	1
	74350.27	328.63/ 666.50	6.1 0.1		2+	55.886 -3.141	2
6	5 189 0.12	1.5 2.5 C B*D COALFIELD TYPE, FELT					3
EDI Z	074351.93	P IU52.89	S 2E				5
EDI NS	0743	P IU		6.4 H0.11ML		1.0 200	5
EDI EW	0743	P ED		5.0 H0.11ML		1.0 200	5
EAU Z	074354.30	P 1E 57.05	S 2E				20
EBL Z	074353.08	P ID55.52	S 2E				14
-1							
140387	LOWNET	LN 530		12.5	5.0KPR	LMONIAIVE, DUM & GALL	1
	133921.96	265.21/ 591.87	20.0 0.5			55.203 -4.118	2
4	59 345 0.15	0.0 0.0 C B*D					3
EDI Z	133939.57	P 2E 52.90	S 2E				100
EDI NS	1339			1.4 H0.13ML		0.25 200	100
EDI EW	1339			2.9 H0.07ML		0.25 200	100
EAU Z	133936.90	P 2E 48.80	S 2E				83
EBL Z	133938.30	P 2E 51.70	S 2E				93
ESY Z	133943.13	P 2E 59.78	S 3E				124
EAB Z	133940.34	P 3E 56.08	S 3E				111
ESK Z	133932.00	P 1E 39.73	S 3E				59
ESK NS	1339			1.4 H0.13ML		0.25 200	59
ESK EW	1339			2.9 H0.07ML		0.25 200	59
XDE Z	133936.51	P 3E 48.97	S 3E				87
XSO Z	133943.10	P 2E 58.60	S 3E				123
ECK Z	133932.78	P 1E 40.20	S 3E				63
-1							
170387	LOWNET	LN 530		12.5	5.0KPR	LBONNYRIGG, LOTHIAN	1
	223750.23	331.07/ 664.37	6.2 0.1			55.868 -3.102	2
6	8 201 0.06	1.0 1.6 C A*D COALFIELD TYPE					3
EDI Z	223752.22	P E 53.76	S 2E				8

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EDI NS2237				13.2H0.16ML	0.25	200	8
EDI EW2237				19.6H0.10ML	0.25	200	8
EAU Z 223754.59	P	IU57.34	S 2E				22
EBL Z 223752.69	P	1E 54.49	S 3E				11
-1							
180387 LOWNET	LN 530		12.5	5.0KPR	LKIRKCALDY, FIFE		1
12657.02	331.07/ 690.00	5.8 0.0		56.098	-3.108		2
9 20 179 0.08	0.5	0.9 B A*C OFFSHORE, COALFIELD TYPE					3
EDI Z 012700.84	P	ID03.79	S 2E				20
EDI NS0127				9.4 H0.15ML	0.25	200	20
EDI EW0127				6.1 H0.10ML	0.25	200	20
EAU Z 012703.49	P	1E 09.00	S 3E				36
EBL Z 012703.75	P	ID08.43	S 2E				36
ESY Z 012703.62	P	ID08.65	S 2E				37
EBH Z 012702.52	P	ID06.80	S 2E				30
-1							
230387 LOWNET	LN 531		12.5	5.0KPR	LROSEWELL, LOTHIAN		1
19 246.09	327.09/ 663.70	0.5-0.4		55.861	-3.165		2
4 7 153 0.04	C A*D COALFIELD TYPE						3
EDI Z 190247.90	P	1E 49.04	S 3E	4.7 H0.11M	0.25	200	7
EDI NS1902				4.4 H0.17ML	0.25	200	7
EDI EW1902				6.0 H0.09ML	0.25	200	7
EAU Z 190250.02	P	2E					18
EBL Z 190249.01	P	2E					12
-1							
240387 LOWNET	LN 531		12.5	5.0KPR	LESKBANK, LOTHIAN		1
34239.77	332.18/ 667.03	4.4-0.2		55.892	-3.085		2
5 7 230 0.15	4.7 7.0 D C*D COALFIELD TYPE						3
EDI Z 034241.68	P	1E 42.65	S 2E				7
EDI NS0342				10.5H0.15ML	0.25	200	7
EDI EW0342				10.5H0.08ML	0.25	200	7
EAU Z 034244.30	P	1E					24
EBL Z 034242.35	P	2E 44.75	S 3E				13
-1							
240387 LOWNET	LN 531		12.5	5.0KPR	LDANDERHALL, LOTHIAN		1
423 2.52	331.54/ 668.69	7.8 0.1		55.907	-3.095		2
6 6 240 0.17	3.0 2.7 D C*D COALFIELD TYPE						3
EDI Z 042304.43	P	1E 05.79	S 2E				6
EDI NS0423				9.3 H0.20ML	0.25	200	6
EDI EW0423				10.3H0.20ML	0.25	200	6
EAU Z 042307.20	P	2E 10.13	S 3E				24
EBL Z 042305.39	P	3E 08.22	S 3E				15
-1							
300387 LOWNET	LN 532		12.5	5.0KPR	LCRIANLARICH, CENTRAL		1
35250.86	243.25/ 732.37	8.3 1.1		56.457	-4.544		2
5 33 291 0.07	4.9115.4 D C*D						3
EDI Z 0353		22.13	S 3E				103
EDI NS0353				6.3H0.08ML	0.25	200	103
EDI EW0353				5.0H0.10ML	0.25	200	103
EAU Z 035307.95	P	3E					96
EAB Z 035256.77	P	2E 61.00	S 3E				33
EBH Z 035302.82	P	2E					68
EDU Z 035307.25	P	3E 18.55	S 4E				95
ELO Z 035259.60	P	2E 66.06	S 3E				51
-1							
010487 LOWNET	LN 533		12.5	5.0KPR	LDALHOUSIE, LOTHIAN		1
194745.96	331.96/ 663.97	8.4 0.2		55.864	-3.087		2
6 9 208 0.00	0.0 0.1 C A*D COALFIELD TYPE						3
EDI Z 194748.29	P	1E 50.00	S 2E				9
EDI NS1947				5.0 H0.13ML	1.0	200	9
EDI EW1947				16.5H0.14ML	0.25	200	9
EAU Z 194750.39	P	2E 53.62	S 2E				23
EBL Z 194748.49	P	2E 50.33	S 2E				11
-1							
020487 LOWNET	LN 533		12.5	5.0KPR	LSHERIFFHALL, LOTHIAN		1
175538.40	332.15/ 668.01	7.2-0.1		55.900	-3.085		2
5 7 238 0.03	1.4 0.7 C B*D COALFIELD TYPE						3
EDI Z 175540.36	P	1E 41.72	S 2E				7
EDI NS1755				8.8 H0.09ML	0.25	200	7
EDI EW1755				12.5H0.21ML	0.25	200	7
EAU Z 175542.91	P	2E 46.39	S 3E				24
EBL Z 175541.45	P	2E					14
-1							
030487 LOWNET	LN 533		12.5	5.0KPR	LKIRKCALDY, FIFE		1
45619.33	333.47/ 689.02	15.0-0.3		56.089	-3.069		2
7 20 181 0.13	2.6 4.2 D C*D						3
EDI Z 045623.52	P	1E 26.80	S 2E				20
EDI NS0456				7.5H0.10ML	0.25	200	20
EDI EW0456				3.3H0.09ML	0.25	200	20
EAU Z 045626.18	P	2E					36
EBL Z 045626.45	P	1E					35
ESY Z 045625.88	P	3E					34
EBH Z 045625.32	P	1E 29.96	S 2E				33

-1								
030487	LOWNET	LN 533	12.5	5.0KPR	LROSEWELL,LOTHIAN	1		
51759.81	328.50/	661.89	2.4 0.0		55.845 -3.142	2		
5 9 160 0.14	0.1	0.2 C A*D	COALFIELD TYPE			3		
EDI Z 051801.80	P 1E	02.98	S 2E			9		
EDI NS0518			11.5H0.10ML		0.25 200	9		
EDI EW0518			16.5H0.11ML		0.25 200	9		
EAU Z 051803.78	P 1E	06.36	S 2E			20		
EBL Z 051802.04	P 2E					10		
-1								
040487	CORNWALL		5.0	LPERRANPORTH,CORNWALL	1			
2243 0.52	173.45/	51.07	3.4 0.3		50.315 -5.183	2		
10 13 246 0.06	0.8	2.9 C B*D				3		
CST Z 224302.95	P 0ID04.89		S 1	10.2H0.05ML	1.0 200	13		
CCA Z 224303.14	P 0IU05.05		S 2			15		
CR2 Z 224303.50	P 0ID05.73		S 1			17		
CCO Z 224304.10	P 0ID06.70		S 1	12.6H0.05ML	1.0 200	20		
CSA Z 224304.15	P 2E					21		
CBW Z 2243		06.50	S 2			19		
-1								
120487			5.0	LWELSHPOOL,POWYS	1			
11 456.09	327.62/	309.60	10.8 2.4		52.679 -3.071	2		
25 22 61 0.15	0.4	0.6 B A*C				3		
WFB Z 110507.14	P 2E	14.57	S 3			65		
BZO Z 110507.71	P 0ED16.12		S 2E			70		
BFR Z 110508.89	P 1E					78		
BBR Z 110510.56	P 0E					88		
HPK Z 110522.80	P 1ID					172		
HPK NS1105			8.5H0.15ML		1.0 200	172		
HPK EW1105			9.5H0.11ML		1.0 200	172		
YRC Z 110515.57	P 3E	28.97	S 3			119		
MCH Z 110508.39	P 2E	17.51	S 2E			76		
MCH NS1105			2.8 H0.11ML		1.0 200	76		
MCH EW1105			2.9 H0.11ML		1.0 200	76		
SBD Z 110501.30	P 1ID					28		
YRE Z 110512.15	P 1ID					97		
HCG Z 110505.59	P 1IU12.27		S 2			56		
HGH Z 110515.66	P 1ID					117		
HTR Z 110507.43	P 1ID					68		
HLM Z 110500.24	P 1ID					22		
WVR Z 110503.04	P 1IU					39		
WBR Z 110506.07	P 1IU12.8		S 3			59		
WLC Z 110506.17	P 1ID					59		
WLF Z 110514.07	P 3E	26.75	S 3			112		
YRH Z 110513.66	P 2ED					107		
-1								
130487	LOWNET	LN 534	12.5	5.0KPR	LCRAINLARICH,CENTRAL	1		
4 640.46	243.86/	734.26	9.0 1.6		56.475 -4.535	2		
5 34 291 0.14	5.1 68.4 D D*D					3		
EDI Z 040658.28	P 3E	72.00	S 2E			104		
EDI NS0406			16.5H0.11ML		0.25 200	104		
EDI EW0406			10.0H0.14ML		0.25 200	104		
EAU Z 040656.78	P 3E					97		
EAB Z 040646.57	P 2E	51.10	S 3E			34		
EBH Z 040652.60	P 3E	61.90	S 3E			68		
ELO Z 040649.20	P 2E	55.30	S 3E			51		
-1								
140487N	WALES		5.0	LWELSHPOOL,POWYS	1			
11 340.17	329.04/	309.75	14.7 1.0		52.680 -3.050	2		
7 21 178 0.06	1.0	2.8 C B*C				3		
WVR Z 110347.27	P 2IU					40		
WBR Z 110350.29	P 3E					60		
SBD Z 110345.50	P 2ID					29		
HCG Z 110349.71	P 3E	56.49	S 2	3.3 H0.11ML	1.0 200	57		
HLM Z 110344.51	P 1ID47.37		S 2	11.2H0.09ML	1.0 200	21		
-1								
160487			5.0	LCOVENTRY,WEST MIDLANDS1				
234419.41	430.57/	269.97	0.3 1.8		52.327 -1.551	2		
22 33 230 0.31	1.6	1.3 D C*D				3		
BBR Z 234426.06	P 1ID30.81		S 2			35		
BFR Z 234426.13	P 0ID31.06		S 2			33		
BZO Z 234427.25	P 1ID32.74		S 2	1.8H0.37ML	1.0 200	42		
BSE Z 234429.00	P 2E					52		
MCH Z 234437.36	P 1ID50.20		S 1ID			106		
MCH NS2344			3.8 H0.10ML		1.0 200	106		
MCH EW2344			4.0 H0.09ML		1.0 200	106		
SBD Z 234442.11	P 3E	58.69	S 2E			132		
HAE Z 234432.62	P 1E	42.40	S 2E			75		
HCG Z 234443.70	P 3E	60.89	S 2E			144		
HGH Z 234438.79	P 3E					115		
HTR Z 234439.62	P 2E	54.07	S 2E			121		
HLM Z 234435.46	P 1E	47.08	S 3E			93		
HPK Z 234448.3	P 2E	70.2	S 2E			181		

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HPK NS2344				6.7	H0.19ML	1.0	200	181
HPK EW2344				5.0	H0.19ML	1.0	200	181
-1								
180487				5.0		LBUXTON, DERBYSHIRE	1	
112930.39	412.81/	375.66	2.2 1.9		53.277	-1.808	2	
11 66 169 0.23	2.0	1.3 C B*D					3	
BBR Z 112943.16	P 1ED52.80		S 2				75	
BZO Z 112944.08	P 2E						87	
BSE Z 112945.02	P 1ID						88	
MCH Z 1129	75.50		S 3E				164	
MCH NS1129			7.5 H0.13ML	0.25	200	164		
MCH EW1129			9.4 H0.09ML	0.25	200	164		
SBD Z 112948.20	P 1E 61.10		S 3E				106	
HTR Z 112949.22	P 3E 62.50		S 3E				166	
HPK Z 112943.63	P E 52.88		S E				76	
BMY Z 112941.92	P 1E 50.36		S 3				66	
HPK NS1129			6.0 H0.12ML	2.5	200	76		
HPK EW1129			7.6 H0.10ML	2.5	200	76		
-1								
180487				5.0MJA		LSHIEL BRIDGE, HIGHLAND	1	
1628 2.80	190.51/	820.03	1.9 0.3		57.223	-5.470	2	
4 3 202 0.05	0.0	0.0 C A*D					3	
KPL Z 162806.33	P 0IU08.70		S 1				17	
KPL NS1628			9.0H0.17ML	0.25	200	17		
KPL EW1628			16.0H0.17ML	0.25	200	17		
KSB Z 162803.73	P 0IU						3	
KAC Z 162808.87	P 1E						33	
-1								
190487 LOWNET	LN 535		12.5	5.0KPR		LBORELAND, DUM & GALL	1	
53454.88	313.58/	592.75	2.7 0.6		55.221	-3.359	2	
8 14 248 0.07	0.8	2.0 C B*D					3	
EAU Z 053507.16	P 2E 15.99		S 3E				70	
EBL Z 0535	14.58		S 3E				65	
ESY Z 053510.45	P 2E						91	
ESK Z 053457.74	P IU59.96		S 3E				14	
ESK NS0534			5.5H0.10ML	2.5	200	14		
ESK EW0534			7.7H0.06ML	2.5	200	14		
ECK Z 053457.99	P IU60.11		S 3E				15	
XAL Z 053510.40	P 2E 21.35		S 3E				84	
XSO Z 053507.79	P 2E						76	
-1								
200487			5.0			NORTH SEA	1	
51852.08			10.6 2.5		59.573	1.784	2	
18177 185 0.65	5.0	6.1 D D*D					3	
SUE Z 051926.0	P 1	50.4	S 3				233	
HYA Z 051934.6	P 1	65.9	S 3				301	
BER Z 051924.2	P 1	47.4	S 3				218	
ODD Z 051932.0	P 1	61.0	S 3				277	
KMY Z 051922.6	P 1	45.0	S 3				201	
ASK Z 051923.8	P 1	46.4	S 3				216	
LRW Z 051920.2	P 3	39.1	S 1				177	
LRW NS0519			9.0H0.13ML	1.0	200	177		
LRW EW0519			14.0H0.12ML	1.0	200	177		
SAN Z 051918.2	P 3	38.7	S 1				177	
YEL Z 051921.0	P 3	44.8	S 2				193	
-1								
210487 LOWNET	LN 535		12.5	5.0KPR		LCOMRIE, TAYSIDE	1	
113310.90	276.96/	726.88	2.4 1.5		2+	56.418	-3.995	2
11 18 212 0.15	0.6	0.7 C A*D FELT COMRIE					3	
EDI Z 113323.60	P 3E 32.56		S 2E				75	
EDI NS1133			7.0H0.10ML	1.0	200	75		
EDI EW1133			4.0H0.09ML	1.0	200	75		
EAU Z 113323.49	P 2E						72	
ESY Z 113327.97	P 3E 40.15		S 3E				102	
EAB Z 113317.13	P 1ID21.29		S 3E				33	
EBH Z 113317.59	P 1IU22.12		S 1I				36	
EDU Z 113321.85	P 1E 29.47		S 3E				62	
ELO Z 113314.37	P IU16.45		S 3E				18	
-1								
230487 CORNWALL			5.0			LFALMOUTH BAY, CORNWALL	1	
185210.81	181.73/	30.65	0.6-0.7		50.135	-5.055	2	
6 5 269 0.02	0.6	4.2 C B*D					3	
CBW Z 185211.59	P 1I						5	
CR2 Z 185212.37	P 2						9	
CCO Z 185212.58	P 0ID						10	
CST Z 185212.59	P 0IU						10	
CGH Z 185212.96	P 1E						12	
CCA Z 185213.24	P 1ID						14	
CME Z 185212.40	P 4						11	
CME NS1852			4.0 H0.05ML	0.25	200	11		
CME EW1852			6.6 H0.05ML	0.25	200	11		
-1								
260487 LOWNET	LN 536		12.5	5.0KPR		LCHARTERSHALL, CENTRAL	1	

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852	6.17	276.64/	688.47	2.7	1.1		56.073	-3.982	2	
11	26	172	0.07	0.3	1.3	B A*C			3	
EDI	Z	085215.48		P	3E	21.80	S 3E		52	
EDI	NS0852						3.1 H0.12ML	1.0 200	52	
EDI	EW0852						3.7 H0.09ML	1.0 200	52	
EAU	Z	085213.66		P	2E	19.16	S 2E		42	
EAB	Z	085211.06		P	IU	14.39	S 2E		26	
EBH	Z	085212.52		P	3E	17.45	S 3E		35	
EDU	Z	085219.95		P	3E	29.70	S 3E		80	
ELO	Z	085214.60		P	2E	20.84	S 3E		47	
		-1								
280487N	WALES						5.0	LLLEYN AFTERSHOCK	1	
		211035.95	239.24/	344.90	24.9	1.1		52.977	-4.395	
21	2	81	0.10	0.3	0.7	A A*A			2	
WCB	Z	211043.93		P	3E				3	
WCB	NS2110						5.1 H0.06ML	1.0 200	46	
WCB	EW2110						6.6 H0.06ML	1.0 200	46	
YRC	Z	211042.54		P	2ED	47.18	S 2		33	
YRE	Z	211039.85		P	IU				2	
WPM	Z	211044.23		P	IU				45	
WLF	Z	211042.78		P	2E	47.45	S 3		35	
WME	Z	211044.48		P	2E	50.59	S 3		47	
YLL	Z	211041.43		P	IU	45.24	S 2		24	
WST	Z	211042.0		P	2E				27	
WST	NS2110						46.07	S 3	27	
WST	EW2110							8.2 H0.07ML	2.5 200	
YRH	Z	211041.33		P	IU	45.06	S 2		22	
WBR	Z	211042.97		P	ID	47.76	S 3		36	
WLC	Z	211043.9		P	2E				41	
WFB	Z	211043.85		P	2E	48.58	S 3		41	
		-1								
290487N	WALES						5.0	LLLEYN AFTERSHOCK	1	
		94218.98	243.87/	347.81	17.1	0.1		53.004	-4.327	
6	7	214	0.23	3.5	3.5	D C*D			2	
YRC	Z	094225.18		P	2E				3	
YRE	Z	094222.23		P	I	23.93	S 2		32	
WLF	Z	0942				28.89	S 2		7	
YLL	Z	094222.69		P	IU	26.07	S 1	13.1 H0.09ML	0.25 200	
		-1							18	
010587	HEREFORD	HF 413					12.5	5.0KPR	LMELTON MOWBRAY, LEICS	
		52151.87	479.91/	313.62	7.6	2.1		2+	52.714	-0.817
18	23	135	0.13	0.6	1.1	B A C FELT OAKHAM			3	
MCH	Z	052218.17		P	1E	37.43	S 2E			
MCH	NS0522						16.0 H0.10ML	0.25 200	169	
MCH	EW0522						14.5 H0.10ML	0.25 200	169	
BBR	Z	052202.97		P	1ID	10.64	S 3	8.6 H0.07M	2.5 200	
BFR	Z	052206.16		P	1ID	15.61	S 3		66	
BSE	Z	052207.92		P	1ID	19.61	S 3	4.5 H0.16M	87	
UNIVZ	Z	052156.47		P	IU	59.67	S 1	8.7 H0.09ML	2.5 200	
CWF	Z	052157.71		P	ID			0.25 4	98	
AWH	Z	052211.34		P	2E				23	
ABA	Z	052213.35		P	2E				33	
AWI	Z	052216.16		P	3E				120	
APA	Z	052217.25		P	3E				134	
HPK	Z	052215.46		P	2E	32.44	S 2		153	
HPK	NS0522						12.5 H0.13ML	1.0 200	163	
HPK	EW0522						16.6 H0.12ML	1.0 200	148	
BMY	Z	052215.21		P	3E	32.38	S 2		148	
		-1							145	
010587	HEREFORD	HF413					12.5	5.0KPR	LMELTON MOWBRAY, LEICS	
		6 952.12	479.38/	316.73	10.5	2.7		4+	52.742	-0.824
22	24	129	0.34	1.4	2.0	C C C FELT OAKHAM			3	
MCH	Z	061018.41		P	IU	37.75	S 2E			
MCH	NS0610						8.1 H0.09ML	2.5 200	170	
MCH	EW0610						7.4 H0.11ML	2.5 200	170	
BBR	Z	061003.30		P	IU	11.1	S 3	4.6 H0.11ML	10.0 200	
BZO	Z	061007.50		P	4	18.69	S 3		66	
BSE	Z	061008.14		P	2EU	19.12	S 3	5.0 H0.15ML	89	
UNIVZ	Z	060956.85		P	IU	60.24	S 2	13.0 H0.08ML	10.0 200	
CWF	Z	060958.05		P	IU			1.0 4	99	
APA	Z	061017.70		P	ID	34.99	S 3		24	
AWH	Z	061011.41		P	2E	24.85	S 2		33	
ABA	Z	061013.75		P	ID	28.81	S 2		164	
AWI	Z	061016.54		P	ID	34.07	S 3		121	
BUR	Z	061010.79		P	3E				134	
BMY	Z	061014.00		P	2E				154	
HPK	Z	061014.64		P	2E	32.74	S 3		113	
HPK	NS0610						4.9 H0.20ML	10.0 200	142	
		-1							145	
020587	LOWNET	LN 537					12.5	5.0KPR	LINVERGARRY, HIGHLAND	
		133623.10	241.09/	794.40	5.9	1.5		57.013	-4.617	
18	54	155	0.27	1.2	3.5	C B*D			3	
EAU	Z	133648.10		P	3E				149	

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EAB Z 133638.49	P 1E 48.70	S 3E 12.6H0.04M	0.25 200	94
EDU Z 133641.33	P 2E			111
EBH Z 133641.22	P 2E 53.98	S 3E	0.25 200	109
ELO Z 133636.25	P 1E 45.79	S 2E 13.0H0.10M	0.25 200	82
PCO Z 133642.72	P 1E			119
PMS Z 133644.50	P 2E 59.40	S 3E		130
PGB Z 1336	60.29	S 3E		134
PGB NS1336		5.5 H0.15ML	0.25 200	134
PGB EW1336		6.8 H0.11ML	0.25 200	134
KPL Z 133635.60	P 0IU44.5	S 3		72
KPL NS1336		7.0H0.10ML	1.0 200	72
KPL EW1336		5.5H0.13ML	1.0 200	72
KAR Z 1336	44.5	S 2		75
KSB Z 133632.40	P 0IU38.5	S 3		54
KAC Z 133634.25	P 2E 43.0	S 3		68
-1				
030587 LOWNET LN 537		12.5	5.0KPR	LBLACKFORD, TAYSIDE
14 829.83 292.01/ 708.28	3.6 0.6		56.255 -3.743	1
11 15 106 0.11 0.4 1.1 B A*C				2
EDI Z 140838.90	P 1E 45.11	S 2E		3
EDI NS1408		5.2H0.10ML	0.25 200	51
EDI EW1408		3.6H0.08ML	0.25 200	51
EAU Z 140838.56	P 1E			49
EBL Z 140844.51	P 2E			69
EAB Z 140836.73	P IU41.48	S 3E		38
EBH Z 140832.80	P IU34.90	S 1IU		15
EDU Z 140839.83	P 3E 46.59	S 2E		56
ELO Z 140834.49	P 1ED37.56	S 2E		24
-1				
030587		5.0	LMULL, HIGHLAND	1
224820.84 140.16/ 761.91	11.3 2.5		56.677 -6.243	2
16 37 255 0.25 1.6 1.6 C B*D				3
EDI Z 224851.35	P 3E			207
EDI NS2248		8.0H0.17ML	1.0 200	207
EDI EW2248		6.6H0.12ML	1.0 200	207
EAU Z 224851.67	P 2E			196
KPL Z 224834.55	P 1ID44.7	S 3	5.0H0.30M	82
KPL NS2248			10.0 200	82
KPL EW2248		5.0H0.20M	10.0 200	82
KAR Z 224827.27	P 0ID32.15	S 1		37
KSB Z 224833.6	P 0ID42.90	S 3		78
KAC Z 224838.55	P 0ID51.50	S 3		108
EAB Z 224841.21	P 2E 56.09	S 3E		130
EBH Z 224848.80	P 1E 68.86	S 3E		175
EDU Z 224851.65	P 2E 76.35	S 2E		199
ELO Z 224845.96	P 1E 63.89	S 3E		157
MCD Z 224851.8	P 1E			207
MCD NS2248		4.0H0.22ML	1.0 200	207
MCD EW2248		6.5H0.13ML	1.0 200	207
MME Z 224852.0	P 2E			212
MVH Z 224850.65	P 1EU			186
PGB Z 224843.65	P 1ID60.2	S 2E		146
PGB NS2248		4.5H0.17ML	2.5 200	146
PGB EW2248		8.0H0.11ML	2.5 200	146
-1				
040587		5.0	LMULL AFTERSHOCK	1
02218.58 142.16/ 760.11	4.1 1.8		56.662 -6.208	2
12 37 249 0.14 1.2 1.2 C B*D				3
KPL Z 002232.46	P 0E 42.9	S 3		83
KPL NS0022		5.0H0.10ML	1.0 200	83
KPL EW0022		10.0H0.20ML	1.0 200	83
KAR Z 002225.25	P 0ID30.20	S 1ID		37
KSB Z 002231.60	P 0ID40.90	S 2		78
KAC Z 002236.50	P 1E 49.85	S 3		108
EAB Z 002239.50	P 2E 54.29	S 3E		127
EBH Z 0022	67.40	S 3E		173
ELO Z 0022	61.73	S 3E		155
PMS Z 002239.5	P 1E			128
-1				
040587		5.0MJA	LLOC HOURN, HIGHLAND	1
1652 9.87 192.86/ 804.83	4.8 0.1		57.088 -5.419	2
6 14 224 0.10 2.2 2.7 C B*D				3
KPL Z 165216.0	P 1E 19.8	S 3E		31
KPL NS1652		4.0H0.14ML	0.25 200	31
KPL EW1652		4.0H0.07ML	0.25 200	31
KAR Z 1652	19.9	S 2E		31
KSB Z 165212.68	P 0ID14.6	S 1		14
KAC Z 165218.05	P 2			46
-1				
050587		5.0MJA	LMULL AFTERSHOCK	1
32915.74 140.60/ 759.91	7.3 2.0		56.659 -6.233	2
10 38 251 0.09 2.9 5.1 D C*D				3
KPL Z 032929.5	P 1E			84

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KPL NS0329				3.5H0.32ML	1.0	200	84
KPL EW0329				10.0H0.21ML	1.0	200	84
KAR Z 032922.4	P 0ID27.35	S 1ID					38
KSB Z 032928.85	P 1EU						79
KAC Z 032933.7	P 1E						110
EAB Z 032936.40	P 3E 51.30	S 3E					128
ELO Z 032940.81	P 3E 58.69	S 3E					156
EBH Z 0329	64.07	S 3E					174
EDU Z 0329	71.95	S 3E					198
PMS Z 032936.55	P 1E						129
	-1						
070587 HEREFORD	HF 413		12.5	5.0KPR	LLEOMINSTER, HEREFORD	1	
2 837.07	354.25/ 252.40	19.5 0.9		52.168 -2.669		2	
10 17 92 0.09	0.8 1.4 B A*B					3	
MCH Z 020842.99	P IU	S 2E					29
MCH NS0208		10.6H0.10ML		1.0 200		29	
MCH EW0208		7.5 H0.08ML		1.0 200		29	
HAE Z 020841.48	P ID44.53	S 2E					17
HCG Z 0208	57.55	S 3E					70
HTR Z 020844.60	P 3E 50.00	S 3E					42
HLM Z 020844.82	P 2E 50.05	S 3E					42
BSE Z 020845.90	P 2E 50.99	S 4	6.0H0.09M		1.0 200	50	
BFR Z 020846.30	P 1IU						53
	-1						
080587			5.0MJA	LMULL AFTERSHOCK	1		
04154.21	146.63/ 754.19	7.1 1.7		56.611 -6.130		2	
10 39 267 0.11	4.4 6.9 D C*D					3	
KPL Z 004208.3	P 1E						86
KPL NS0042		4.0H0.11ML		1.0 200		86	
KPL EW0042		9.0H0.20ML		1.0 200		86	
KAR Z 004201.05	P 0ID06.10	S 1ID					39
KSB Z 004207.43	P 1ED						79
KAC Z 004212.45	P 1E						111
EAB Z 004213.73	P 1ED27.81	S 2E	9.9H0.12ML		0.25 200	120	
ELO Z 004217.03	P 3E 35.44	S 2E	10.0H0.10ML		0.25 200	150	
EBH Z 004221.03	P 3E 41.27	S 3E	6.9H0.10ML		0.25 200	167	
	-1						
080587			5.0	LMULL AFTERSHOCK	1		
1 4 6.23	142.24/ 758.84	3.9 1.9		56.650 -6.206		2	
11 38 270 0.20	1.9 2.1 C B*D					3	
EAB Z 010427.05	P 1ED41.60	S 2E					126
ELO Z 010430.93	P 3E 49.31	S 2E					155
EBH Z 010435.66	P 3E 54.48	S 2E					173
EDI Z 0104	61.40	S 2E					204
EDI NS0104		3.0H0.18ML		0.25 200		204	
EDI EW0104		3.0H0.19ML		0.25 200		204	
KPL Z 010420.2	P 0ID						84
KPL NS0104		4.5H0.30ML		1.0 200		84	
KPL EW0104		14.0H0.20ML		1.0 200		84	
KAR Z 010413.08	P 0ID18.1	S 1ID					38
KSB Z 010419.35	P 0ED						79
KAC Z 010424.30	P 0IU						109
	-1						
080587			5.0MJA	LMULL AFTERSHOCK	1		
2 4 6.22	132.19/ 768.21	12.9 2.0		56.729 -6.379		2	
5 40 335 0.41	4.5 2.9 D C*D					3	
KPL Z 020419.35	P 1E						81
KPL NS0204		4.5H0.20ML		1.0 200		81	
KPL EW0204		13.0H0.20ML		1.0 200		81	
KAR Z 020413.10	P 0ID18.1	S 1ID					40
KSB Z 020419.46	P 1ID						79
KAC Z 020424.44	P 1IU						108
	-1						
140587 LOWNET	LN 539 614	12.5	5.0DWR	LKIRKCALDY, FIFE	1		
234213.79	332.06/ 691.15	1.2-0.3		56.108 -3.093		2	
7 21 234 0.09	2.2 1.3 C B*D OFFSHORE, COALFIELD TYPE					3	
EDI Z 234218.02	P ED21.40	S 2E	4.5H0.19M		0.25 200	21	
EDI NS2342	EU	E	2.7H0.16ML		0.25 200	21	
EDI EW2342	EU	EU	2.4H0.19ML		0.25 200	21	
EBH Z 234219.64	P 1E 23.82	S 2E					30
EBL Z 234220.82	P 1E 25.92	S 3E					37
EAU Z 234221.31	P 2E						37
	-1						
150587N WALES			5.0	LLLEYN AFTERSHOCK	1		
542 1.30	238.31/ 344.75	21.6 0.5		52.975 -4.408		2	
13 1 81 0.17	0.8 1.2 B B*A					3	
YRC Z 05427.71	P 2E						33
YRE Z 05424.88	P 2E 7.16	S 2					1
YLL Z 05426.60	P 2E 9.81	S 2					24
WLC Z 05428.96	P 2E						42
WLC NS0542	14.39	S 2	7.0 H0.08ML		0.25 200	42	
WLC EW0542			5.6 H0.09ML		0.25 200	42	
YRH Z 05426.27	P 1IU9.71	S 1					22

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WBR Z 0542		12.75	S 2			37
WST Z 05427.06	P 2E	11.29	S 1			28
WFB Z 0542		13.58	S 2			41
-1						
150587 LOWNET	LN 539	838	12.5	5.0DWR	LBLAIRHALL, FIFE	1
155217.42	298.39/	692.65	0.0 1.4		56.116 -3.634	2
10 17 121 0.20	0.9	1.2 C B*C COALFIELD TYPE				3
EBH Z 155221.20	P EU23.00	S 2EU		0.25	200	17
EAU Z 155223.60	P 1E 28.73	S 2EU				32
EDI Z 155224.26	P 1EU29.38	S 2E 9.0H0.41M		0.25	200	35
EDI NS1552	E	EU13.3H0.43ML		0.25	200	35
EDI EW	E	E 13.7 0.39ML		0.25	200	35
ELO Z 155225.41	P 2ED31.10	S 3ED				40
EAB Z 155225.95	P 3E 31.86	S 3E				45
-1						
150587 HEREFORD	HF 415		12.5	5.0KPR	LSWINTON, S. YORKSHIRE	1
202218.78	447.72/	398.40	0.6 2.0		53.480 -1.281	2
11 58 222 0.23	2.3	1.3 C B*D				3
MCH Z 2022		74.40	S 2E			202
SBD Z 202243.06	P 2E 60.55	S 2E				147
HAE Z 202247.58	P 2E 69.21	S 2E				182
HLM Z 202243.46	P 2E 61.95	S 2E				152
HPK Z 202229.2	P 2E 37.0	S 2E				58
HPK NS2022		10.7H0.17ML		1.0	200	58
HPK EW2022		11.0H0.16ML		1.0	200	58
BBR Z 202235.57	P 3E 49.79	S 3E				103
-1						
150587 LOWNET	LN 539	936	12.5	5.0DWR	LKIRKCALDY, FIFE	1
225821.32	332.00/	689.99	0.0-0.4		56.098 -3.093	2
6 20 181 0.11	1.4	1.5 C B*D OFFSHORE, COALFIELD TYPE				3
EDI Z 225825.52	P E 28.90	S 2E 4.0H0.16M		0.25	200	20
EDI NS2258	E	E 3.0H0.12ML		0.25	200	20
EDI EW2258	E	E 1.6H0.24ML		0.25	200	20
EBH Z 225827.40	P 1E 32.02	S 2E				31
ESY Z 225828.30	P 2E					36
EBL Z 225828.60	P 1E					36
-1						
160587 CORNWALL			5.0		LCONSTANTINE, CORNWALL	1
0 159.81	173.32/	27.73	5.2 0.5		50.106 -5.171	2
12 4 171 0.03	0.4	0.3 B A C				3
CCO Z 000200.97	P 0ID					4
CGH Z 000201.20	P 0ID					6
CR2 Z 000201.30	P 0IU02.47	S 1				7
CR2 NS0002		1.2 H0.05ML		10.0	200	7
CR2 EW0002		3.2 H0.05ML		10.0	200	7
CCA Z 000201.71	P 0IU					10
CST Z 000201.79	P 0IU03.20	S 1				10
CRA Z 000201.31	P 0IU					7
CRA NS0002		4.1 H0.04ML		10.0	200	7
CRA EW0002		4.5 H0.04ML		10.0	200	7
CTR Z 000201.32	P 0IU02.45	S 1				7
CTR NS0002		2.7 H0.05ML		10.0	200	7
CTR EW0002		2.5 H0.06ML		10.0	200	7
CME Z 000201.50	P 0IU02.73	S 1				8
-1						
160587			5.0MJA		LMULL AFTERSHOCK	1
14 638.06	141.08/	759.98	10.2 2.1		56.660 -6.226	2
9 38 270 0.14	1.8	2.3 C B*D				3
KPL Z 140651.8	P 1E					83
KPL NS1406		4.0H0.33ML		1.0	200	83
KPL EW1406		10.0H0.22ML		1.0	200	83
KAR Z 140644.65	P 1ID49.7	S 1ID				38
KSB Z 140651.00	P 1IU					78
KAC Z 140655.95	P 1E					109
EAB Z 140658.50	P 2E 73.48	S 2E				128
ELO Z 140703.00	P 3E 19.89	S 2E				156
EBH Z 140708.18	P 3E 26.33	S 3E				174
-1						
170587 LOWNET	LN 539	1340	12.5	5.0DWR	LLASSWADE, LOTHIAN	1
4 852.51	329.36/	664.47	1.2 0.4		55.868 -3.129	2
6 7 183 0.02	0.4	0.3 C A*D COALFIELD TYPE				3
EDI Z 040854.32	P EU55.61	S 2E 4.8H0.21M		1.0	200	7
EDI NS0408	E	EU 5.2H0.18ML		1.0	200	7
EDI EW0408	E	EU 6.0H0.20ML		1.0	200	7
EBL Z 040855.21	P ID57.20	S 2ED				12
EAU Z 040856.72	P ID59.72	S 2E				21
-1						
180587 LOWNET	LN 539	1718	12.5	5.0DWR	LDALKEITH, LOTHIAN	1
74657.08	333.53/	668.31	2.7 0.3		55.903 -3.063	2
5 8 249 0.03	0.2	4.9 C B*D COALFIELD TYPE				3
EDI Z 074658.88	P EU60.19	S 2E 7.0H0.26M		1.0	200	8
EDI NS0746	EU	EU 6.0H0.19ML		1.0	200	8
EDI EW0746	E	E 5.6H0.12ML		1.0	200	8

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EBL Z 074700.01	P 1E 02.10	S 3E		15
EAU Z 074701.90	P 1E 04.50	S 3E		25
-1				
180587N WALES		5.0	LHUDDERSFIELD,W.YORKS	1
132825.43	397.93/ 417.88	11.4 1.8	53.657 -2.031	2
21 43 140 0.20	1.4 2.6 C B*C			3
YRC Z 132851.46	P 2E 71.55	S 3		175
YRE Z 132852.41	P 2E 72.6	S 3		177
WPM Z 132846.6	P 2E 61.8	S 3 17.0H0.12ML	0.25 200	132
WLF Z 1328	69.3	S 2		162
WME Z 132849.59	P 3E 66.4	S 3		154
YLL Z 132849.11	P 3E 67.13	S 2		154
WLC Z 132849.65	P 2E			138
WLC NS1328	63.19	S 2 10.2H0.07ML	0.25 200	138
WLC EW1328		13.5H0.08ML	0.25 200	138
WVR Z 132848.19	P 2E 63.73	S 3		142
WBR Z 1328	66.5	S 3		153
WST Z 1328	66.6	S 3		151
WFB Z 1328	71.62	S 3		172
HPK Z 132832.92	P IU38.40	S		43
HPK NS1328		12.0H0.14ML	2.5 200	43
HPK EW1328		9.25H0.18ML	2.5 200	43
CWF Z 1328	56.9	S 3E		113
-1				
180587 LOWNET LN 539 1938	12.5	5.0DWR	LCOUSLAND,LOTHIAN	1
235130.28	336.61/ 668.32	3.7 0.0	55.904 -3.014	2
5 11 165 0.09	0.0 0.2 C A*D COALFIELD TYPE			3
EDI Z 235132.72	P E 34.20	S 2E 8.9H0.20M	0.25 200	11
EDI NS2351	E	E 7.2H0.19ML	0.25 200	11
EDI EW2351	E	E 7.9H0.20ML	0.25 200	11
EBL Z 235133.30	P E 35.20	S 2E		15
ESY Z 235135.00	P E			25
-1				
190587 LOWNET LN 539 1992	12.5	5.0DWR	LROSEWELL,LOTHIAN	1
35111.31	328.92/ 662.84	1.1 1.0	55.854 -3.135	2
10 8 120 0.06	0.3 0.3 B A*B COALFIELD TYPE			3
EDI Z 035113.40	P ID14.90	S 2E 11.4H0.22M	1.0 200	8
EDI NS0351	ID	ID17.8H0.21ML	1.0 200	8
EDI EW0351	IU	IU21.0H0.20ML	1.0 200	8
EBL Z 035113.82	P ED15.69	S 3ED		11
EAU Z 035115.49	P ED18.29	S 3E		20
ESY Z 035117.72	P 1E 22.30	S 3E		33
EBH Z 035120.61	P 1E 27.30	S 3E		50
-1				
210587 LOWNET LN 539 374	12.5	5.0DWR	LROSEWELL,LOTHIAN	1
94755.98	330.04/ 662.96	0.5 0.2	55.855 -3.118	2
6 9 182 0.08	9.8 7.5 D D*D COALFIELD TYPE			3
EDI Z 094758.32	P 1EU59.62	S 2EU15.8H0.28M	0.25 200	9
EDI NS0947	EU	EU14.7H0.20ML	0.25 200	9
EDI EW0947	E	E 10.5H0.22ML	0.25 200	9
EBL Z 094758.49	P 2E 60.40	S 2ED		10
EAU Z 094760.40	P 1E 63.60	S 2ED		21
-1				
260587		5.0MJA	LMULL AFTERSHOCK	1
13 7 2.70	149.12/ 759.58	6.7 1.8	56.661 -6.094	2
8120 338 0.69	28.6 21.7 D D*D			3
EAB Z 130721.71	P 1ED36.39	S 2EU		120
ELO Z 130726.41	P 2EU43.68	S 2EU		148
EBH Z 130729.60	P 2E 48.91	S 2E		166
EDU Z 130734.38	P 3E 52.20	S		190
EDI Z 130735.00	P 4E 54.4	S 4E		198
EDI NS1307		7.5H0.12ML	0.25 200	198
EDI EW1307		5.0H0.18ML	0.25 200	198
-1				
290587 LOWNET LN 541 704	12.5	5.0DWR	LROSEWELL,LOTHIAN	1
82620.71	328.11/ 661.84	0.3 1.1	55.844 -3.148	2
9 9 130 0.14	0.3 0.4 B A*B COALFIELD TYPE			3
EDI Z 082622.82	P 1ED24.20	S 1EU13.9H0.29M	1.0 200	9
EDI NS0826	ED	IU14.5H0.22ML	1.0 200	9
EDI EW0826	E	IU22.3H0.28ML	1.0 200	9
EBL Z 082623.24	P ID25.02	S 2ED		10
EAU Z 082624.84	P ID28.00	S 2EU		19
ESY Z 082627.53	P 1EU			34
EBH Z 082629.96	P 2E 36.59	S 3EU		50
-1				
290587 LOWNET LN 541 707	12.5	5.0DWR	LROSEWELL,LOTHIAN	1
84118.36	328.65/ 662.59	0.5 0.6	55.851 -3.140	2
6 9 165 0.06	1.0 1.1 B A*C COALFIELD TYPE			3
EDI Z 084120.56	P ID21.97	S 2E 13.5H0.8 M	0.25 200	9
EDI NS0841	ID	EU13.5H0.8 ML	0.25 200	9
EDI EW0841	EU	E 10.3H0.4 ML	0.25 200	9
EBL Z 084121.00	P EU22.82	S 3E		11
EAU Z 084122.49	P 1E 25.72	S 3E		20

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-1								
290587					5.0MJA	LLOCH LINNHE, HIGHLAND	1	
12 320.63	174.95/	750.90	11.4	1.5		56.596 -5.666	2	
9 70 242 0.25	3.0	2.1 D C*D					3	
KPL Z 120334.35	P 2E							83
KPL NS1203			8.0H0.15ML			0.25 200	83	
KPL EW1203			15.0H0.17ML			0.25 200	83	
KSB Z 120331.97	P 1E						70	
KAC Z 120337.6	P 2E						103	
EAB Z 120335.91	P 1E 47.34	S 3E					94	
EBH Z 120342.88	P 1E						139	
EDU Z 120346.70	P 2E						163	
ELO Z 120340.00	P 1E 54.30	S 2E					121	
-1								
290587 LOWNET	LN 541	792	12.5		5.0DWR	LROSEWELL, LOTHIAN	1	
144533.15	328.02/	661.60	0.2 1.1			55.842 -3.150	2	
9 9 132 0.16	0.4	0.4 B B*B COALFIELD TYPE					3	
EDI Z 144535.35	P IU36.90	S 1E 21.2H0.28M				1.0 200	9	
EDI NS1445	IU	ED10.0H0.5 ML				1.0 200	9	
EDI EW1445	ED	IU21.4H0.21ML				1.0 200	9	
EBL Z 144535.61	P ID37.28	S 3E					10	
EAU Z 144537.39	P ID40.32	S 3E					19	
ESY Z 144540.09	P 2E						35	
EBH Z 144542.66	P 3E 49.20	S 3E					50	
-1								
290587 LOWNET	LN 541	878	12.5		5.0DWR	LROSEWELL, LOTHIAN	1	
205245.33	330.33/	663.32	0.5 0.4			55.858 -3.113	2	
6 9 187 0.03	0.7	0.6 C A*D COALFIELD TYPE					3	
EDI Z 205247.50	P IU49.03	S 2E 8.3H0.30M				1.0 200	9	
EDI NS2052	IU	EU 3.6H0.28ML				1.0 200	9	
EDI EW2052	E	EU 2.9H0.28ML				1.0 200	9	
EBL Z 205247.90	P ID49.87	S 2EU					10	
EAU Z 205249.80	P 1ED53.02	S 3ED					21	
-1								
300587 HEREFORD	HF 417		12.5		5.0KPR	LS. LLANDOVERY, POWYS	1	
13 226.16	273.35/	233.39	13.0 1.5			51.984 -3.844	2	
29 40 212 0.16	0.7	1.7 C B*D					3	
MCH Z 130235.76	P IU42.61	S 1ID					58	
SBD Z 130243.97	P ID						110	
HAE Z 130240.82	P ID50.69	S 2E					89	
HCG Z 130233.25	P ID37.99	S 1E 14.9H0.10ML				1.0 200	40	
HGH Z 130239.79	P 1E						81	
HTR Z 130233.25	P IU38.32	S 2E					41	
HLM Z 130240.39	P 1ID50.52	S 2E					88	
YRE Z 130245.55	P 1I		13.4H0.13ML			0.25 200	118	
WPM Z 130248.6	P 2E 64.94	S 3					142	
WLF Z 130249.78	P 2E 66.16	S 3					150	
YLL Z 130246.65	P 2E 61.31	S 3					131	
WFB Z 130239.2	P 1ID48.19	S 3					79	
WVR Z 130241.16	P 2E 51.39	S 2					92	
WBR Z 130242.9	P 2E 51.85	S 3					97	
YRH Z 130243.77	P 1I						109	
WST Z 130243.98	P 2E						111	
WLC NS1302			10.5H0.09ML			0.25 200	113	
WLC EW1302	56.76	S 3	6.0 H0.11ML			0.25 200	113	
WLC Z 130244.2	P 2E						113	
-1								
310587 LOWNET	LN 541	1508	12.5		5.0DWR	LROSEWELL, LOTHIAN	1	
18 054.06	330.12/	663.03	0.5 0.4			55.855 -3.116	2	
6 9 183 0.04	5.4	4.1 D D*D COALFIELD TYPE					3	
EDI Z 180056.31	P 1E 57.71	S 3E 24.4H0.31M				0.25 200	9	
EDI NS1800	E	3E 9.4H0.30ML				0.25 200	9	
EDI EW1800	E	E 12.4H0.40ML				0.25 200	9	
EBL Z 180056.60	P ID58.50	S 3ED					10	
EAU Z 180058.50	P 1E 61.70	S 3E					21	
-1								
010687N WALES				5.0		LLLEYN AFTERSHOCK	1	
1310 8.40	239.53/	343.47	20.0 0.8			52.964 -4.390	2	
16 3 85 0.15	0.6	1.0 B B*A					3	
WCB Z 131016.88	P 4						47	
WCB NS1310			5.9 H0.07ML			0.25 200	47	
WCB EW1310	22.65	S 2	4.5 H0.09ML			0.25 200	47	
YRC Z 131014.76	P 2ED19.30	S 3					34	
YRC Z 131014.76	P 2ED19.30	S 3					34	
YRE Z 131011.81	P 1ID13.84	S 2					3	
YLL Z 131013.42	P 1IU16.69	S 2					25	
WLC Z 131015.82	P 1IU						41	
WLC NS1310	21.19	S 2	6.4 H0.15ML			1.0 200	41	
WLC EW1310			3.5 H0.11ML			1.0 200	41	
YRH Z 131013.14	P 1IU16.6	S 2					22	
WBR Z 131014.7	P 3E 19.46	S 3					35	
WST Z 131013.91	P 1IU17.98	S 2					27	
WFB Z 1310	20.4	S 2					39	

-1
020687 LOWNET LN 541 2099 12.5 5.0DWR LROSEWELL,LOTHIAN 1
122431.53 328.73/ 662.90 0.5 0.4 55.854 -3.139 2
6 8 168 0.07 1.1 1.3 C B*C COALFIELD TYPE 3
EDI Z 122433.62 P E 35.09 S 2EU13.9H0.30M 0.25 200 8
EDI NS1224 E E 12.5H0.28ML 0.25 200 8
EDI EW1224 E IU18.1H0.25ML 0.25 200 8
EBL Z 122434.11 P 1E 36.28 S 3E 11
EAU Z 122435.78 P ED38.69 S 3E 20
-1
050687N WALES 5.0 LLLEYN AFTERSHOCK 1
01920.17 239.27/ 342.25 24.0 1.6 52.953 -4.393 2
22 4 95 0.15 0.6 1.3 B B*B 3
WCB Z 001929.0 P 2E 48
WCB NS0019 34.5 S 3 6.9 H0.06ML 1.0 200 48
WCB EW0019 34.5 S 3 14.5H0.06ML 1.0 200 48
YRC Z 001927.1 P 1ID31.69 S 2 35
YRE Z 001924.2 P 1ID 4
WPM Z 001928.69 P 1IU34.7 S 3 47
WLF Z 001927.25 P 1IU 37
WME Z 001929.00 P 1ID35.04 S 3 50
YLL Z 001925.8 P 1IU 26
WLC Z 001928.07 P 1IU 42
WLC NS0019 33.2 S 2 15.3H0.12ML 2.5 200 42
WLC EW0019 33.2 S 2 8.4 H0.11ML 2.5 200 42
YRH Z 001925.31 P 1IU 21
WVR Z 001930.0 P 2E 35.59 S 3 56
WBR Z 001927.0 P 1ID31.55 S 3 35
WST Z 001926.1 P 2E 29.2 S 3 27
WFB Z 001926.81 P 2E 32.63 S 3 38
-1
050687 LOWNET LN 542 673 12.5 5.0DWR LROSEWELL,LOTHIAN 1
63253.59 329.96/ 663.35 0.5 0.4 55.858 -3.119 2
6 8 184 0.07 1.5 1.4 C B*D COALFIELD TYPE 3
EDI Z 063255.78 P EU57.10 S 2E 21.2H0.28M 0.25 200 8
EDI NS0632 E E 7.5H0.71ML 0.25 200 8
EDI EW0632 E E 9.9H0.48ML 0.25 200 8
EBL Z 063256.24 P EU58.11 S 2E 11
EAU Z 063257.91 P 1EU61.34 S 3E 21
-1
050687 LOWNET LN 542 690 12.5 5.0DWR LROSEWELL,LOTHIAN 1
74031.46 328.74/ 662.81 1.0 1.3 55.853 -3.138 2
9 8 121 0.06 0.3 0.4 B A*B COALFIELD TYPE 3
EDI Z 074033.57 P ID35.03 S 1E 8.0H0.21M 2.5 200 8
EDI NS0740 ID ID13.1H0.20ML 2.5 200 8
EDI EW0740 IU IU15.8H0.20ML 2.5 200 8
EBL Z 074034.00 P ID35.85 S 2EU 11
EAU Z 074035.61 P ID38.43 S 3E 20
ESY Z 074037.92 P 2E 34
EBH Z 074040.80 P 1ID47.34 S 3E 50
ELO Z 074045.29 P 3E 77
EAB Z 074046.02 P 3E 84
-1
050687 HEREFORD HF418 12.5 5.0CMCW LGREAT MALVERN,WORCS 1
16 331.79 361.47/ 247.49 13.6 1.2 52.124 -2.563 2
5 10 201 0.01 0.5 0.9 C A*D 3
HAE Z 160334.73 P 0ID 1.0 200 10
MCH Z 160337.88 P 0ID 33
MCH EW1603 13.6H0.1 ML 1.0 200 33
MCH NS1603 08.5H0.1 ML 1.0 200 33
HTR Z 160340.22 P 2IU 49
HLM Z 160340.31 P 2ID 49
HGH Z 160341.47 P 1IU 57
-1
050687 LOWNET LN 542 835 12.5 5.0DWR LROSEWELL,LOTHIAN 1
175959.23 328.69/ 662.47 0.5 0.9 55.850 -3.139 2
8 9 123 0.06 0.5 0.6 B A*B COALFIELD TYPE 3
EDI Z 180001.43 P IU02.88 S 1EU11.8H0.29M 1.0 200 9
EDI NS1800 IU E 12.5H0.21ML 1.0 200 9
EDI EW1800 ED IU17.5H0.22ML 1.0 200 9
EBL Z 180001.80 P 1EU03.69 S 2E 10
EAU Z 180003.46 P ID06.38 S 3E 20
ESY Z 180005.79 P 2E 34
EBH Z 180008.69 P 1EU 50
-1
060687 1126 2.19 142.51/ 760.16 13.0 1.6 5.0MJA LMULL AFTERSHOCK 1
7 77 269 0.34 7.0 6.0 D D*D 56.662 -6.203 2
KPL Z 112615.6 P 1E 27.0 S 2E 83
KPL NS1126 2.0H0.1 ML 1.0 200 83
KPL EW1126 9.5H0.18ML 1.0 200 83
KSB Z 112614.7 P 1E 77
KAC Z 112619.65 P 1E 32.5 S 2E 108

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EAB Z 112622.6	P 1E 36.7	S 2E				127
-1						
060687			5.0MJA	LMULL AFTERSHOCK	1	
161633.68	141.10/ 760.16	14.6 1.6	56.662	-6.225	2	
8 78 270 0.41	7.2 5.1 D D*D				3	
KPL Z 161647.2	P 1E 58.2	S 2E				83
KPL NS1616			2.0H0.09ML	1.0 200	83	
KPL EW1616			8.0H0.18ML	1.0 200	83	
KSB Z 161646.37	P 0IU					78
KAC Z 161651.3	P 1E 63.7	S 2E				109
EAB Z 161654.3	P 2E 68.1	S 3E				128
ELO Z 1616	77.3	S 3E				156
-1						
080687 HEREFORD	HF418	12.5	5.0CMCW	LBUILTH, POWYS	1	
114 3.58	294.35/ 254.65	16.6 1.7	52.180	-3.545	2	
8 18 195 0.06	0.9 0.8 C A*D				3	
HCG Z 011407.73	P 0ID					18
HTR Z 011408.32	P 0IU					22
MCH Z 011411.10	P 0IU16.84	S 1IU				43
MCH NS0114			5.5 H0.1 ML	2.5 200	43	
MCH EW0114			10.0H0.1 ML	2.5 200	43	
HLM Z 011413.63	P 1ID					59
HAE Z 011415.46	P 1IU					70
HGH Z 011416.80	P 2IU					79
SBD Z 011417.30	P 2IU					83
-1						
090687 LOWNET	LN 542 2105	12.5	5.0DWR	LROSEWELL, LOTHIAN	1	
114835.65	328.89/ 662.95	1.8 0.9	55.855	-3.136	2	
7 8 119 0.04	0.2 0.4 B A*B COALFIELD TYPE				3	
EDI Z 114837.67	P ED39.09	S 1E 9.8H0.30M		1.0 200	8	
EDI NS1148	E	E 11.2H0.21ML		1.0 200	8	
EDI EW1148	E	IU16.6H0.21ML		1.0 200	8	
EBL Z 114837.99	P 1E 39.89	S 2ED				11
EAU Z 114839.66	P ID42.51	S 2E				20
ESY Z 114841.92	P 3E					33
-1						
090687 CORNWALL		5.0		LCAMBORNE, CORNWALL	1	
1455 5.57	167.78/ 41.38	0.6-0.3	50.226	-5.256	2	
6 5 322 0.02	0.4 4.8 C B*D				3	
CCA Z 145506.40	P 2E07.11	S 2				5
CST Z 145506.89	P 1 D07.87	S 2				8
CR2 Z 145507.20	P 2 08.40	S 2				9
CR2 NS1455			4.1 H0.04ML	1.0 200	9	
CR2 EW1455			4.9 H0.05ML	1.0 200	9	
-1						
100687 LOWNET	LN 542 2370	12.5	5.0DWR	LROSEWELL, LOTHIAN	1	
638 8.80	327.95/ 663.67	1.0 0.7	55.861	-3.151	2	
8 7 119 0.08	0.5 0.7 B A*B COALFIELD TYPE				3	
EDI Z 063810.68	P IU11.88	S 2E 16.3H0.28M		1.0 200	7	
EDI NS0638	IU	EU 9.5H0.22ML		1.0 200	7	
EDI EW0638	E	E 11.4H0.19ML		1.0 200	7	
EBL Z 063811.60	P 1E 13.23	S 3E				12
EAU Z 063812.70	P 2E 15.72	S 3E				19
ESY Z 063815.33	P 2E					34
EBH Z 063818.00	P 2E					49
-1						
100687N WALES		5.0		LNORTH ANGLESEY, GWYNEDD1		
162317.77	238.13/ 392.74	11.6 0.0	53.406	-4.435	2	
7 8 210 0.03	0.3 0.3 C A*D				3	
WCB Z 162320.12	P 2E					8
WCB NS1623		21.8	S 2	6.3 H0.09ML	1.0 200	8
WCB EW1623				4.3 H0.07ML	1.0 200	8
YRC Z 162321.6	P 1IU					20
WLF Z 162320.80	P 1ID22.74	S 2				
WME Z 162320.22	P 2E 21.91	S 2				
-1						
110687			5.0MJA	LFIRTH OF LORN, HIGHLAND1		
12 350.93	176.47/ 724.32	8.4 1.2	56.358	-5.619	2	
5 64 339 0.11	4.2 3.0 D C*D				3	
KPL Z 120408.85	P 3E					109
KPL NS1204			4.0H0.10ML	0.25 200	109	
KPL EW1204			7.0H0.12ML	0.25 200	109	
KAR Z 120401.60	P 1E					64
KSB Z 120406.5	P 1ID					96
KAC Z 120411.9	P 2E 26.95	S 3E				129
-1						
140687 LOWNET	LN 543 1410	12.5	5.0DWR	LROSEWELL, LOTHIAN	1	
11 211.22	327.81/ 662.28	0.4 1.2	55.848	-3.153	2	
8 9 128 0.28	1.5 1.9 B B*B COALFIELD TYPE				3	
EDI Z 110213.11	P ID14.70	S 2E 14.6H0.7 M		1.0 200	9	
EDI NS1102	ID	EU13.8H0.7 ML		1.0 200	9	
EDI EW1102	IU	IU 7.3H0.7 ML		1.0 200	9	
EBL Z 110213.65	P EU15.66	S 2EU				11

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EAU Z 110215.30	P EU18.49	S 2ED		19
ESY Z 110218.42	P 2E			35
EBH Z 110220.40	P 2E			50
-1				
150687 LOWNET LN 543 1608	12.5	5.0DWR	LROSEWELL, LOTHIAN	1
1 345.34 327.95/ 662.07	0.6 1.2	2+ 55.846	-3.151	2
9 9 129 0.14 0.9	1.1 B A*B COALFIELD TYPE, FELT	ROSLIN		3
EDI Z 010347.48	P ID48.99	S 1EU 8.2H0.28M	2.5 200	9
EDI NS0103	ID	ED10.5H0.20ML	2.5 200	9
EDI EW0103	EU	IU16.4H0.21ML	2.5 200	9
EBL Z 010347.88	P ED49.60	S 2ED		11
EAU Z 010349.50	P ID52.31	S 2E		19
ESY Z 010352.19	P 2EU			35
EBH Z 010354.57	P 2E 61.10	S 3E		50
-1				
150687 LOWNET LN 543 1670	12.5	5.0DWR	LROSEWELL, LOTHIAN	1
53159.71 328.99/ 662.29	0.0 0.5	55.849	-3.134	2
7 9 123 0.04 0.3	0.3 B A*B COALFIELD TYPE			3
EDI Z 053201.99	P IU03.51	S 1E 7.5H0.22M	1.0 200	9
EDI NS0532	IU	E 5.1H0.19ML	1.0 200	9
EDI EW0532	ED	IU 7.3H0.20ML	1.0 200	9
EBL Z 053202.29	P 1ED04.01	S 2ED		10
EAU Z 053204.02	P ID07.22	S 2EU		20
ESY Z 053206.30	P 2E			33
-1				
160687		5.0MJA	LMALLAIG, HIGHLAND	1
85232.62 168.51/ 797.62	3.9 1.6	57.012	-5.813	2
14 11 189 0.28 2.4	2.2 C B*D			3
KPL Z 085239.56	P 0ID44.45	S 1		38
KPL NS0852		30.0H0.10ML	1.0 200	38
KPL EW0852		12.0H0.15ML	1.0 200	38
KAR Z 085234.6	P 0ID			11
KSB Z 085238.67	P 0ID			32
KAC Z 085243.54	P 0ID51.1	S 1E		63
EAB Z 085253.98	P 1EU68.80	S 2E		129
ELO Z 085255.12	P 1E 72.12	S 2		142
EBH Z 085259.82	P 1E 78.45	S 2E		165
EDU Z 085302.20	P 1E 22.90	S 3E		179
EAU Z 085302.23	P 1E			195
EDI Z 0853		2.6H0.14ML	0.25 200	202
EDI NS0853		4.5H0.16ML	0.25 200	202
EDI EW0853		5.5H0.09ML	0.25 200	202
-1				
170687 LOWNET LN 543 2283	12.5	5.0DWR	LROSEWELL, LOTHIAN	1
05736.43 327.40/ 661.65	0.1 1.3	2+ 55.843	-3.159	2
8 9 134 0.14 0.3	0.3 B A*B COALFIELD TYPE, FELT	ROSLIN		3
EDI Z 005738.61	P ID40.10	S 1EU 8.6H0.28M	2.5 200	9
EDI NS0057	ID	E 12.1H0.21ML	2.5 200	9
EDI EW0057	IU	IU17.0H0.21ML	2.5 200	9
EBL Z 005739.00	P ID40.80	S 2ED		11
EAU Z 005740.60	P ED43.55	S 3ED		19
ESY Z 005743.40	P 1EU			35
EBH Z 005745.82	P 1ED53.32	S 3E		50
-1				
180687N WALES		5.0	LLLEYN AFTERSHOCK	1
64539.39 238.80/ 343.38	23.1 0.7	52.963	-4.400	2
18 3 93 0.08 0.3	0.5 B A*B			3
WCB Z 064548.0	P 4			47
WCB NS0645		3.5 H0.07ML	0.25 200	47
WCB EW0645	53.71	S 3 6.4 H0.08ML	0.25 200	47
YRC Z 064546.0	P 3E 50.68	S 3		34
YRE Z 064543.28	P 2ID45.71	S 3		3
WLF Z 0645	50.99	S 3		36
YLL Z 064544.81	P 1IU48.64	S 2		25
WLC Z 064547.11	P 2IU			42
WLC NS0645	52.35	S 3 15.0H0.13ML	0.25 200	42
WLC EW0645		9.0 H0.09ML	0.25 200	42
YRH Z 064544.4	P 1IU47.9	S 2		21
WBR Z 064546.51	P 3E 50.83	S 3		36
WST Z 064545.2	P 2E 49.21	S 2		28
WFB Z 064546.9	P 3E 51.85	S 3		40
-1				
220687 LOWNET LN 544 1849	25.0	5.0DWR	LROSEWELL, LOTHIAN	1
1845 9.52 328.89/ 662.62	0.2 1.4	2+ 55.852	-3.136	2
9 9 121 0.04 0.2	0.2 B A*B COALFIELD TYPE, FELT	ROSLIN		3
EDI Z 184511.73	P ID13.19	S 1E 7.6H0.28M	2.5 200	9
EDI NS1845	ID	EU17.9H0.20ML	2.5 200	9
EDI EW1845	IU	IU19.5H0.21ML	2.5 200	9
EBL Z 184512.12	P ID14.06	S 2EU		11
EAU Z 184513.76	P ID16.99	S 3E		20
ESY Z 184516.11	P 3E			34
EBH Z 184518.91	P 1ED25.50	S 3E		50
EDU Z 184523.65	P 3E			78

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EAB Z 184524.28	P 3E						84
-1							
230687 LOWNET	LN 544	1983	12.5	5.0DWR	LROSEWELL, LOTHIAN	1	
41839.14	329.96/ 662.66	0.5-0.2			55.852 -3.119	2	
6 9 180 0.03	6.1 4.7 D D*C	COALFIELD TYPE				3	
EDI Z 041841.42	P ED43.02	S 2E	9.8H0.29M	0.25 200	9		
EDI NS0418	ED	ED	6.4H0.19ML	0.25 200	9		
EDI EW0418	EU	E	5.0H0.18ML	0.25 200	9		
EBL Z 041841.60	P ED43.50	S 2EU				10	
EAU Z 041843.53	P ED46.80	S 3EU				21	
-1							
240687 LOWNET	LN545		12.5	5.0CMCW	LROSEWELL, LOTHIAN	1	
15 510.17	327.72/ 662.28	0.1 1.2			55.848 -3.154	2	
5 9 134 0.04	0.0 0.0 C A*D	COALFIELD TYPE				3	
EDI Z 150512.29	P 0IU					9	
EDI NS1505			10.0H0.2 ML	2.5 200	9		
EDI EW1505			15.0H0.2 ML	2.5 200	9		
EBL Z 150512.88	P 0IU					11	
EAU Z 150514.29	P 0ID					19	
EBH Z 150519.60	P 1IU					50	
EDU Z 150524.11	P 3EU					78	
-1							
250687 LOWNET	LN545		12.5	5.0CMCW	LROSEWELL, LOTHIAN	1	
1926 9.26	327.66/ 661.90	0.0 1.3			55.845 -3.155	2	
5 9 131 0.10	0.4 0.5 C A*D	COALFIELD TYPE				3	
EDI Z 192611.44	P 1ID					9	
EDI NS1926			12.6H0.2 ML	2.5 200	9		
EDI EW1926			17.5H0.2 ML	2.5 200	9		
EBL Z 192611.78	P 2ED					11	
EAU Z 192613.41	P 1ID					19	
ESY Z 192616.21	P 2ID					35	
EBH Z 192618.52	P 3ED					50	
-1							
270687 LOWNET	LN545		12.5	5.0CMCW	LROSEWELL, LOTHIAN	1	
32835.19	327.55/ 662.10	0.0 1.1			55.847 -3.157	2	
5 9 130 0.06	0.4 0.4 C A*D	COALFIELD TYPE				3	
EDI Z 032837.31	P 0ID					9	
EDI NS0328			7.5 H0.2 ML	2.5 200	9		
EDI EW0328			11.0H0.2 ML	2.5 200	9		
EBL Z 032837.84	P 2EU					11	
EAU Z 032839.33	P 2EU					19	
ESY Z 032842.11	P 2ED					35	
EBH Z 032844.47	P 2ED					50	
-1							
300687			5.0		LROSEWELL, LOTHIAN	1	
33358.31	327.58/ 661.79	0.4 1.4			55.844 -3.157	2	
6 9 132 0.16	0.7 0.8 B B*B	COALFIELD TYPE				3	
EDI NS033400.39	P		14.0H0.3 ML	2.5 200	9		
EDI EW0334			20.3H0.2 ML	2.5 200	9		
EBL Z 033400.71	P 2ED					11	
EAU Z 033402.41	P 0ID					19	
ESY Z 033405.25	P 1ID					35	
EBH Z 033407.59	P 3ED14.37	S 2IU				50	
EDI Z 033400.39	P 0ID					9	
-1							
300687 LOWNET	LN545		12.5	5.0CMCW	LROSEWELL, LOTHIAN	1	
54851.66	328.80/ 662.85	1.5 0.8			55.854 -3.137	2	
4 8 120 0.01	0.0 0.0 C A*D	COALFIELD TYPE				3	
EDI Z 054853.71	P 0ID					8	
EDI NS0548			12.0H0.2 ML	1.0 200	8		
EDI EW0548			16.0H0.2 ML	1.0 200	8		
EBL Z 054854.11	P 2EU					11	
EAU Z 054855.69	P 0ID					20	
ESY Z 054858.01	P 3EU					34	
-1							
010787 CORNWALL	CR535			5.0BS	BREST AREA FRANCE	1	
62852.94		5.0 2.1			48.550 -5.177	2	
5167 348 0.21	86.5 14.8 D D*D					3	
CR2 Z 062920.95	P 2ED					180	
CGH Z 062918.97	P 2E					167	
CCA Z 062921.50	P 2E					182	
CST Z 062921.67	P 3ED	S 4E				183	
HTL Z 0630	02.45	S 3E				202	
HTL NS0630		06.5H0.25ML			0.25 200	202	
HTL EW0630		07.0H0.30ML			0.25 200	202	
-1							
010787 HEREFORD	HF421		12.5	5.0CMCW	LBIRMINGHAM, W. MIDLANDS	1	
225148.30	408.01/ 292.28	13.8 1.2			52.528 -1.882	2	
8 11 181 0.07	2.4 1.8 C B*D					3	
HLM Z 225159.50	P 2EU67.25	S 3EU				68	
HAE Z 225200.11	P 2EU					71	
MCH Z 225203.99	P 1ED15.11	S 1EU				96	
MCH NS2252		3.50H0.10ML			1.0 200	96	

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MCH	EW2252			4.00H0.10ML	1.0	200	96
HGH	Z 225207.61	P 3ED					118
HCG	Z 225208.34	P 2EU					123
BBR	Z 225151.43	P 0ID					11
BZO	Z 225151.83	P 1 53.92	S 3	1.5 H0.1 ML	10.0	200	14
BSE	Z 225153.21	P 0IU56.21	S 4				24
	-1						
070787LOWNET	LN546		12.5	5.0CMCW	LKIRKNEWTON, LOTHIAN	1	
	1454 9.92	311.24/ 667.48	5.3 0.3		55.892 -3.419		2
	4 6 234 0.00	0.0 0.0 C A*D					3
EAU	Z 145411.51	P 0IU					6
EDI	Z 145412.97	P 0IU15.20	S 2EU				15
EDI	NS1454			11.0H0.2 ML	0.25	200	15
EDI	EW1454			09.5H0.2 ML	0.25	200	15
EBL	Z 145414.99	P 2EU					27
	-1						
090787LOWNET	LN547		12.5	5.0CMCW	LLOCHGILPHEAD, HIGHLAND	1	
	145241.38	186.72/ 688.37	5.0 1.2		56.041 -5.424		2
	11 48 309 0.24	11.7 24.7 D D*D					3
EAB	Z 145252.85	P 1ID61.60	S 2ED				70
ELO	Z 145300.71	P 2EU14.70	S 2E				116
EBH	Z 145301.21	P 2ED					122
EAU	Z 145302.09	P 2EU					125
EDI	Z 145305.60	P 2IU22.51	S 2E				140
EDI	NS1453			2.5 H0.2 ML	0.25	200	140
EDI	EW1453			3.5 H0.1 ML	0.25	200	140
PMS	Z 145249.71	P 0IU					
PGB	Z 145252.61	P 1ID60.40	S 2E				
PCO	Z 145255.39	P 3EU					
	-1						
110787N WALES			5.0		LLLEYN AFTERSHOCK	1	
	221353.27	238.66/ 344.02	23.5 0.7		52.969 -4.403		2
	22 2 86 0.10	0.3 0.6 A A*A					3
WCB	Z 221361.89	P 4					47
WCB	NS2213			4.9 H0.05ML	0.25	200	47
WCB	EW2213	67.49	S 3	4.5 H0.07ML	0.25	200	47
YRC	Z 221359.85	P 2E 64.39	S 2				33
YRE	Z 221357.02	P 1ID59.67	S 3				2
WPM	Z 221361.61	P 2E 67.58	S 3				46
WLF	Z 221360.12	P 2IU64.8	S 2				36
WME	Z 221361.89	P 2E 67.82	S 2				48
YLL	Z 221358.5	P 2E 62.49	S 3				25
WLC	Z 221361.1	P 1IU					42
WLC	NS2213	66.49	S 2	7.8 H0.07ML	1.0	200	42
WLC	EW2213			6.5 H0.07ML	1.0	200	42
YRH	Z 221358.46	P 1IU62.02	S 2				21
WVR	Z 221363.2	P 2E 69.26	S 3				57
WBR	Z 221360.2	P 1IU64.83	S 3				37
WFB	Z 221360.75	P 2E 65.87	S 3				40
	-1						
120787CORNWALL			5.0		LSTITHIANS, CORNWALL	1	
	030743.1	173.2 / 35.1	3.8 2.0		3+ 50.17 -5.18		2
	6 1 102 0.01	0.2 0.5 B A*B FELT STITHIANS AREA					3
CR2	Z 030743.82	P 0ID					1
GH4	Z 030743.82	P 4					1
GH5	Z 030743.82	P 4					2
DYA	Z 030759.44	P 4					94
DYA	NS0307			13.8H0.11ML	1.0	200	94
CCO	Z 030744.17	P 1					4
CCA	Z 030744.12	P 0ID					4
CST	Z 030743.98	P 0IU					3
DYA	EW0307			11.7H0.13ML	1.0	200	94
CTR	Z 030743.88	P 0ID					1
GH6	Z 030743.82	P 4					2
HY1	Z 030743.82	P 4					0
CME	Z 030743.87	P 0ID					1
DCO	Z 030759.44	P 4					95
CRQ	SM030743.88	P 0		2.0 H0.12ML	2.5	4	1
HTL	Z 030761.15	P 4	S 4				104
HTL	NS0307			6.8H0.10ML	1.0	200	104
HTL	EW0307			11.0H0.15ML	1.0	200	104
GH2	Z 030743.82	P 4					1
GH3	Z 030743.82	P 4					1
	-1						
120787LOWNET	LN547		12.5	5.0CMCW	LROSEWELL, LOTHIAN	1	
	52847.71	329.82/ 663.18	3.0 0.7		55.857 -3.121		2
	3 8 181 0.01	0.0 0.0 C A*D COALFIELD TYPE					3
EDI	Z 052849.63	P 0IU					9
EBL	Z 052849.95	P 0ID					11
EAU	Z 052851.71	P 0ID					21
EDI	NS052849.63	P		7.2 H0.2 ML	1.0	200	9
EDI	EW0528			10.2H0.2 ML	1.0	200	9
	-1						

190787CORNWALL	CN541		5.0	LSTITHIANS, CORNWALL	1
032912.5	173.2 / 35.1	3.1 0.7	2+	50.17 -5.18	2
8 1 104 0.02	0.2 0.2 B A*B FELT ROSEMANOWES AREA				3
CR2 Z 032913.05	P OID				1
CR2 NS0329		3.0 H0.04ML		10.0 200	1
CR2 EW0329		3.2 H0.05ML		10.0 200	1
CSA Z 032917.40	P 4IU				28
CGH Z 032914.98	P 4IU				14
CCO Z 032913.42	P OID				4
CCA Z 032913.38	P OID				4
CST Z 032913.21	P OID				3
CPZ Z 032917.56	P 4IU				29
CTR Z 032913.05	P 0ID13.44	S			1
CTR NS0329		S 1			1
CTR EW0329		S 1			1
CRQ SM032913.02	P 1ID13.50	S 2 4.0 H0.03ML		1.0 4	1
CME Z 032912.96	P 1ID13.48	S 1			1
CME NS0329		S 1			1
CME EW0329		S 1			1
-1					
200787		5.0	LKINLOCHEWE, HIGHLAND	1	
19 942.50	206.28/ 869.43	6.1 1.8	57.673 -5.249		2
7 20 213 0.13	2.0 1.9 C B*D				3
ELO Z 191010.08	P 3E 28.4	S 3E		0.25 200	163
EAB Z 191011.02	P 3E 31.4	S 3E			174
EDU Z 191013.48	P 3E 35.1	S 3E			185
EBH Z 191014.00	P 2E 36.7	S 3E			191
EDI Z 191021.00	P 3E 47.0	S 2E 2.0H0.28M		0.25 200	232
EDI NS1910	E	E 3.1H0.21ML		0.25 200	232
EDI EW1910	E	E 3.3H0.31ML		0.25 200	232
KPL Z 190950.5	P 2E 56.00	S 3			44
KPL NS1909		4.0H0.16ML		1.0 200	44
KPL EW1909		6.0H0.15ML		1.0 200	44
KAR Z 190959.2	P 3E				91
KSZ Z 190951.4	P 3E				53
KAC Z 190946.33	P 0IU				20
MDO Z 190952.52	P 0IU				59
MCD NS1909		5.0H0.18ML		1.0 200	120
MCD EW1909		5.0H0.21ML		1.0 200	120
MCD Z 190962.35	P 1E				120
MVH Z 190954.1	P 1E				69
-1					
240787 LOWNET	LN 549 837	12.5	5.0DWR	LROSEWELL, LOTHIAN	1
18 429.78	329.58/ 662.72	1.9 0.2	55.853 -3.125		2
6 9 176 0.03	0.3 0.4 B A*C COALFIELD TYPE				3
EDI Z 180431.80	P EU33.37	S 2E 3.5H0.21M		1.0 200	9
EDI NS1804	E	E 2.5H0.19ML		1.0 200	9
EDI EW1804	E	EU 3.2H0.20ML		1.0 200	9
EBL Z 180432.10	P ED33.74	S 3EU			10
EAU Z 180433.89	P ED36.78	S 3E			21
EBH Z 180439.00	P 2E				50
-1					
250787CORNWALL	CN543	25.0	5.0WALKER	LNE WENDRON, CORNWALL	1
74532.04	169.54/ 31.48	3.6 0.4	50.138 -5.226		2
13 2 262 0.04	0.3 0.3 C A*D				3
CCO Z 074532.75	P OID				2
CR2 Z 074533.14	P 0IU33.96	S 1			5
CR2 NS0745		S 1 12.1H0.03ML		2.5 200	5
CR2 EW0745		S 1 11.5H0.04ML		2.5 200	5
CCA Z 074533.14	P 0IU33.98	S 1			5
CST Z 074533.54	P 0IU34.64	S 1			8
CBW Z 074533.54	P OID				8
CRA Z 074533.00	P 0IU33.67	S 1			4
CME Z 074533.16	P 0IU33.98	S 1			5
CTR Z 0745	34.06	S 1			6
-1					
250787CORNWALL	CN543	25.0	5.0WALKER	LNE WENDRON, CORNWALL	1
74818.21	169.38/ 31.27	3.1 0.5	50.136 -5.228		2
15 2 269 0.04	0.3 0.3 C A*D				3
CCO Z 074818.89	P 0ID19.36	S 1			2
CR2 Z 074819.30	P 0IU20.12	S 1			5
CCA Z 074819.29	P 0IU20.15	S 1			6
CST Z 074819.70	P 0IU20.80	S 1			8
CBW Z 074819.70	P OID				8
CR2 NS0748		4.5 H0.03ML		10.0 200	5
CR2 EW0748		4.1 H0.04ML		10.0 200	5
CRA Z 074819.16	P 0IU19.85	S 1			4
CME Z 074819.32	P 0IU20.14	S 1			5
CTR Z 074819.41	P 0E 20.25	S 1			6
-1					
250787CORNWALL	CN543	25.0	5.0WALKER	LNE WENDRON, CORNWALL	1
74929.52	169.65/ 31.51	3.7 0.4	50.138 -5.224		2
15 2 259 0.07	0.5 0.4 C A*D				3

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CCO Z 074930.23	P 0I 30.80	S 1		2
CR2 Z 074930.60	P 0IU			5
CR2 Z 074930.60	P 0IU31.44	S		5
CR2 NS0749		S 1 12.0H0.04ML	2.5 200	5
CR2 EW0749		S 1 10.5H0.04ML	2.5 200	5
CCA Z 074930.60	P 0IU31.45	S 1		5
CST Z 074931.00	P 0IU32.11	S 1		8
CBW Z 074931.00	P 0ID			8
CRA Z 074930.65	P 0IU31.18	S 1		4
CME Z 074930.65	P 0IU31.46	S 1		5
CTR Z 0749	31.55	S 1		5
-1				
300787 LOWNET LN 550 252 12.5 5.0DWR	LWHITEHAVEN, CUMBRIA	1		
02032.57 296.91/ 519.06 1.1 2.1	54.556 -3.594	2		
15 9 216 0.16 3.7 1.8 D C*D COALFIELD TYPE EVENT		3		
XDE Z 002034.77 P ID36.39 S 2E	1.0 200	9		
ECK Z 002045.55 P 1E 55.48 S 3E		76		
ESK Z 002047.47 P 1ED58.97 S 3E 8.6H0.20M	1.0 200	88		
ESK NS0020 ED E 9.5H0.20ML	1.0 200	88		
ESK EW0020 ED ED13.4H0.25ML	1.0 200	88		
XAL Z 002049.97 P 4E 62.58 S 4E		95		
XSO Z 002055.28 P 2E 72.05 S 3E		135		
EBL Z 002056.06 P 2EU72.18 S 3E		140		
EAU Z 002056.69 P 2EU72.99 S 3E		144		
EDI Z 002058.39 P 1EU76.06 S 2E 8.3H0.40M	0.25 200	154		
EDI NS0020 EU EU 7.0H0.30ML	0.25 200	154		
EDI EW0020 E E 8.2H0.26ML	0.25 200	154		
EAB Z 002102.40 P 3E		188		
EBH Z 002103.08 P 4E		189		
-1				
300787 LOWNET LN 550 298 12.5 5.0DWR	LROSEWELL, LOTHIAN	1		
34313.02 330.58/ 663.59 1.9 0.0	55.861 -3.109	2		
6 8 192 0.12 1.2 1.3 C B*D COALFIELD TYPE		3		
EDI Z 034315.18 P EU16.40 S 2E 7.5H0.20M	0.25 200	9		
EDI NS0343 EU E 7.0H0.20ML	0.25 200	9		
EDI EW0343 E E 6.4H0.31ML	0.25 200	9		
EBL Z 034315.30 P 1E 17.30 S 3E		11		
EAU Z 034317.18 P 1E 20.36 S 3E		22		
-1				
310787 LOWNET LN 550 12.5 5.0DWR	LROSEWELL, LOTHIAN	1		
02413.04 328.89/ 662.59 0.2 1.6	3+ 55.851 -3.136	2		
10 9 99 0.05 0.2 0.2 B A*B COALFIELD TYPE, FELT	LOANHEAD	3		
EDI Z 002415.26 P ID16.73 S 1IU 5.3H0.28M	10.0 200	9		
EBL Z 002415.65 P ID17.53 S 2EU		10		
EAU Z 002417.28 P ID20.50 S 2EU		20		
ESY Z 002419.62 P 1EU		34		
EBH Z 002422.40 P 1ED29.04 S 2E		50		
ELO Z 002426.70 P 2E 36.48 S 2ED		78		
EDU Z 002426.90 P 1E 36.78 S 2E		78		
EAB Z 002427.42 P 3E		84		
ESK Z 002423.79 P 2E 31.49 S 3E 8.4H0.41M	0.25 200	60		
ESK NS0024 E E 6.3H0.8 ML	0.25 200	60		
ESK EW0024 E E 5.6H0.4 ML	0.25 200	60		
XSO Z 002425.83 P 2E		69		
ECK Z 002426.71 P 2E		75		
EDI NS0024 ID E 5.4H0.20M	10.0 200	9		
EDI EW0024 IU IU 5.1H0.20M	10.0 200	9		
-1				
040887 LOWNET 5.0 LROSEWELL, LOTHIAN	1			
113045.15 328.88/ 662.71 0.3 1.5	4+ 55.852 -3.136	2		
9 9 121 0.06 0.2 0.2 B A*B COALFIELD TYPE, FELT	ROSLIN	3		
EDI Z 113047.35 P ID48.81 S 1EU 4.6H0.28M	10.0 200	9		
EDI NS1130 ID ED 5.0H0.20M	10.0 200	9		
EDI EW1130 IU IU 5.1H0.20M	10.0 200	9		
EBL Z 113047.74 P 1ED49.73 S 2E		11		
EAU Z 113049.38 P ID52.59 S 2E		20		
ESY Z 113051.72 P 2E		33		
EBH Z 113054.50 P 1EU61.02 S 2EU		50		
ELO Z 113058.78 P 2E 68.52 S 3E		78		
EDU Z 113058.82 P 2E 69.00 S 3E		78		
EAB Z 113059.76 P 3E		84		
ESK Z 113056.09 P 3E 63.11 S 3E 5.1H0.8 M	0.25 200	60		
ESK NS1130 E ED 5.5H0.8 ML	0.25 200	60		
ESK EW1130 E E 5.1H0.4 ML	0.25 200	60		
XSO Z 113057.89 P 2EU		69		
ECK Z 113058.78 P 3E		75		
-1				
040887N WALES 5.0 LLLEYN AFTERSHOCK	1			
223556.31 238.12/ 343.92 21.9 0.2	52.968 -4.411	2		
6 2 120 0.24 2.3 1.3 B B*B		3		
YRE Z 22360.60 P 3 2.19 S 2		2		
WLC Z 22365.0 P 3 9.23 S 2		43		
WLC NS2236 4.5 H0.05ML	0.25 200	43		

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WLC	EW2236			4.0	H0.06ML	0.25	200	43
YRH	Z 22361.2	P 1IU						21
WBR	Z 22363.1	P 2E						37
	-1							
050887	HEREFORD	HF426		5.0	MORRIS LNE WORKSOP, NOTTS	1		
	231533.17	466.38/ 387.91	0.4 2.0	3+	53.384 -1.002	2		
11	75 229 0.72	6.8 9.3 D D*D FELT	THORPE SALVIN			3		
MCH	Z 231606.27	P 2EU28.90	S				205	
MCH	NS2316		S 3	11.4H0.35ML	0.25	200	205	
MCH	EW2316		S 3	7.5H0.35ML	0.25	200	205	
SBD	Z 231600.11	P 1ED18.05	S 1	15.2H0.29ML	0.25	200	160	
HAE	Z 231603.68	P 1IU26.72	S 1	8.5H0.39ML	0.25	200	183	
HTR	Z 231612.60	P 3EU30.72	S 2	7.3H0.40ML	0.25	200	211	
HLM	Z 231559.82	P 1EU77.26	S 1	9.5H0.39ML	0.25	200	159	
HPK	Z 231545.85	P 2ED					76	
CWF	Z 2315	53.61	S				75	
CWF	NS2315		S 3	5.5H0.20ML	0.25	200	75	
CWF	EW2315		S 2	7.5H0.09ML	0.25	200	75	
	-1							
050887	HEREFORD	HF426		5.0	MORRIS LNE WORKSOP, NOTTS	1		
	231547.95	458.84/ 375.68	0.2 2.3	3+	53.275 -1.118	2		
11	61 298 0.81	5.5 4.2 D D*D FELT	THORPE SALVIN			3		
MCH	Z 231618.71	P 3ED40.28	S				191	
MCH	NS2316		S 2	19.0H0.30ML	0.25	200	191	
MCH	EW2316		S 2	24.5H0.27ML	0.25	200	191	
SBD	Z 231611.69	P 1EU29.59	S 3	25.5H0.18ML	0.25	200	149	
HAE	Z 231615.43	P 1EU36.41	S 2	17.6H0.32ML	0.25	200	168	
HTR	Z 231621.21	P 2EU42.32	S 2	21.5H0.26ML	0.25	200	197	
HLM	Z 231611.54	P 2EU28.96	S 3	17.5H0.20ML	0.25	200	146	
CWF	Z 2316	05.20	S				61	
CWF	NS2316		S 2	5.1H0.25ML	1.0	200	61	
CWF	EW2316		S 1	7.7H0.21ML	1.0	200	61	
	-1							
070887	CORNWALL			5.0	LTRREVOS HEAD, CORNWALL	1		
	131515.27	184.38/ 70.04	5.5 1.4		50.490 -5.040	2		
16	18 279 0.07	1.4 4.6 C B*D				3		
CSA	Z 131518.56	P 0ID21.25	S 1				19	
CST	Z 131521.34	P 0IU					34	
CCA	Z 131521.76	P 0IU					36	
CR2	Z 131521.85	P 0IU26.68	S 1				37	
CR2	NS1315			4.1 H0.05ML	10.0	200	37	
CR2	EW1315						37	
CBW	Z 131522.00	P 0IU					38	
CCO	Z 131522.52	P 0IU					41	
CGH	Z 131524.00	P 0IU					50	
CPZ	Z 131524.55	P 0IU					54	
CTR	Z 131521.86	P 0IU26.67	S 1				37	
CME	Z 131521.80	P 0IU26.60	S 1				37	
CRA	Z 131522.01	P 0IU26.96	S 1				38	
CR2	SM1315			1.6 H0.05ML	0.25	4	37	
	-1							
070887	LOWNET	LN 551	12.5	5.0DWR	LBONNYRIGG, LOTHIAN	1		
	145547.69	331.69/ 664.82	5.7 0.4		55.872 -3.092	2		
6	8 210 0.05	0.7 1.4 C A*D COALFIELD TYPE				3		
EDI	Z 145549.70	P ED51.15	S 2EU	5.0H0.11M	1.0	200	8	
EDI	NS1455	ED	EU	6.5H0.12ML	1.0	200	8	
EDI	EW1455	EU	EU	5.0H0.22ML	1.0	200	8	
EGL	Z 145550.12	P 1EU52.04	S 2E				11	
EAU	Z 145552.16	P 1ED55.21	S 2E				23	
	-1							
070887	LOWNET	LN 551	12.5	5.0DDG	LBONNYRIGG, LOTHIAN	1		
	175258.45	331.71/ 665.09	1.3 0.1		55.874 -3.092	2		
4	8 212 0.01	0.0 0.0 C A*D COALFIELD TYPE				3		
EDI	Z 175300.50	P ID01.95	S 2EU17.2H0.22M		0.25	200	8	
EDI	NS1753	ID	EU14.1H0.11ML		0.25	200	8	
EDI	EW1753	IU	EU 8.2H0.25ML		0.25	200	8	
EGL	Z 175301.10	P 2EU					12	
EAU	Z 175303.05	P 2E					23	
	-1							
070887	LOWNET	LN 551	12.5	5.0DDG	LROSEWELL, LOTHIAN	1		
	183927.48	328.20/ 662.72	0.9 0.2		55.852 -3.147	2		
6	8 161 0.09	1.4 1.5 C B*C COALFIELD TYPE				3		
EDI	Z 183929.51	P IU31.08	S 1IU13.8H0.35M		0.25	200	8	
EDI	NS1839	ID	1IU 8.2H0.25ML		0.25	200	8	
EDI	EW1839	E	1IU14.7H0.19ML		0.25	200	8	
EGL	Z 183930.27	P 2E 31.80	S 3E				11	
EAU	Z 183931.52	P 2E 34.50	S 3E				19	
	-1							
070887	LOWNET	LN551	12.5	5.0DDG	LROSEWELL, LOTHIAN	1		
	215511.81	328.27/ 662.34	0.7 1.5		4+ 55.849 -3.146	2		
10	9 94 0.19	0.8 1.0 B B*B COALFIELD TYPE, FELT			ROSLIN	3		
EDI	Z 215513.82	P ID15.29	S 1EU				9	
EGL	Z 215514.15	P 1ED16.18	S 2EU				11	

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EAU Z 215515.90	P ID19.05	S 1EU		20
ESY Z 215518.55	P 1EU			34
EBH Z 215521.00	P ID27.51	S 3E		50
ELO Z 215525.30	P 3E 35.00	S 2ED		78
EDU Z 215525.55	P 2EU			78
EAB Z 215526.30	P 3E			84
ESK Z 215520.57	P 3E 27.80	S 4E 8.4H0.30M	0.25 200	60
ESK NS2155	3E	4E 4.5H0.80ML	0.25 200	60
ESK EW2155	3E	4ED 4.5H0.40ML	0.25 200	60
XSO Z 215522.16	P 4ED			69
ECK Z 215522.71	P 3E			75
-1				
080887 LOWNET LN 551	12.5	5.0DDG	LARROCHAR, STRATHCLYDE	1
93731.84 230.71/ 707.80	5.6 1.2		56.233 -4.731	2
7 25 309 0.14 2.5	1.8 D C*D			3
EAB Z 093736.40	P 1EU40.10	S 2ED		25
ELO Z 093743.65	P 3E 51.70	S 3E		68
EBH Z 093744.68	P 1ED53.70	S 3E		76
EAU Z 093746.90	P 1EU			91
EDI Z 093747.82	P 4E 69.91	S 3E 4.0H0.20M	0.25 200	102
EDI NS0937	3E	2E 5.5H0.18ML	0.25 200	102
EDI EW0937	3E	2E 4.2H0.14ML	0.25 200	102
-1				
080887 LOWNET LN 551	12.5	5.0DDG	LLANGHOLM, DUM & GALL	1
173152.13 338.66/ 590.80	5.6 0.2		55.208 -2.964	2
5 11 199 0.08 2.1	5.2 D C*D			3
EBL Z 173205.05	P 2E 11.93	S 3E		63
EAU Z 173207.61	P 2E			77
EDI Z 173208.46	P 2EU16.48	S 3E		81
ESY Z 173208.65	P 2E 18.20	S 3E		82
ECK Z 173154.61	P 3IU56.16	S 3ID		11
ESK Z 173156.10	P 3ID58.67	S 3ID 4.0H0.11M	1.0 200	20
ESK NS1731	3ID	3ID 4.0H0.10ML	1.0 200	20
ESK EW1731	3IU	3ID 4.0H0.08ML	1.0 200	20
XSO Z 173161.62	P 3IU63.44	S 4E		55
-1				
090887 LOWNET LN 551	12.5	5.0DDG	LMOFFAT WATER, DUM & GAL1	
161049.70 318.43/ 612.24	4.7 0.8		55.397 -3.288	2
16 10 166 0.40 3.5	8.3 C C*C			3
EBL Z 161058.10	P ID63.25	S 1IU		45
EAU Z 161058.60	P ID63.57	S 2EU		51
EDI Z 161060.12	P ID66.90	S 2E		59
ESY Z 161062.80	P 2E 71.28	S 3E		72
EBH Z 161065.90	P 1EU76.48	S 3E		97
EAB Z 161068.04	P 2E			111
ELO Z 161069.78	P 1EU			123
ESK Z 161051.75	P 3IU54.15	S 3E 10.0H0.10M	2.5 200	9
ESK NS1610	3ID	3E 9.0H0.10ML	2.5 200	9
ESK EW1610	3IU	3IU10.2H0.09ML	2.5 200	9
ECK Z 161054.09	P 3E 58.12	S 3ID		25
XSO Z 161060.59	P 3IU			66
-1				
100887 LOWNET LN 551	12.5	5.0DDG	LROSEWELL, LOTHIAN	1
1933 0.61 324.85/ 661.02	2.2 0.5		55.837 -3.200	2
6 10 147 0.27 1.9	2.7 C B*C COALFIELD TYPE			3
EDI Z 193302.74	P ID04.31	S 1IU 8.2H0.19M	1.0 200	10
EDI NS1933	ID	1IU 7.0H0.19ML	1.0 200	10
EDI EW1933	IU	1IU 4.1H0.20ML	1.0 200	10
EBL Z 193303.16	P ID05.01	S 2E		12
EAU Z 193304.78	P 3E 05.76	S 3E		16
-1				
110887 LOWNET LN 551	12.5	5.0DDG	LJOHNSTONEBRIDGE, D & G 1	
214328.64 313.19/ 595.75	1.0-0.3		55.248 -3.366	2
4 13 297 0.08 0.0	0.0 0.0 C A*D			3
ESK Z 214331.49	P IU33.70	S 2ED 6.5H0.15M	0.25 200	13
ESK NS2143	IU	2EU 4.0H0.20ML	0.25 200	13
ESK EW2143	IU	2EU 5.0H0.12ML	0.25 200	13
ECK Z 214332.38	P 2E 34.79	S 3EU		17
XSO Z 214342.23	P 2E 51.48	S 3E		76
EBL Z 214342.60	P 4E 46.90	S 4E		
ESY Z 214342.85	P 4E			
EAU Z 214345.40	P 4E			
-1				
130887 HEREFORD		5.0ADS	LBRECON, POWYS.	1
122844.15 304.41/ 234.81	14.5 0.6		52.003 -3.393	2
7 12 198 0.08 1.8	2.0 C B*D			3
MCH Z 122849.29	P 0IU53.30	S 1ID		27
MCH NS1228		12.3H0.03ML	1.00 200	27
MCH EW1228		14.6H0.04ML	1.00 200	27
HAE Z 122854.27	P 1ID62.35	S 2		58
HCG Z 122851.42	P 2E 56.45	S 2		40
HGH Z 122854.01	P 0E			57
HTR Z 122847.44	P 1IU			12

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-1								
130887	LOWNET	LN 552	12.5	5.0DDG	LROSEWELL, LOTHIAN	1		
16	154.81	330.20/ 663.01	5.1 0.9		55.855 -3.115	2		
6	9 184 0.05	0.7	1.6 C A*D COALFIELD TYPE			3		
EDI	Z 160156.79	P IU58.35	S EU 6.7H0.25M		2.5 200	9		
EDI	NS1601	IU	1EU 5.5H0.25ML		2.5 200	9		
EDI	EW1601	IU	1IU 6.0H0.21ML		2.5 200	9		
EBL	Z 160157.13	P ID58.68	S 1EU			10		
EAU	Z 160158.89	P ID62.00	S 3E			21		
-1								
140887	LOWNET	LN 552	12.5	5.0DDG	LROSEWELL, LOTHIAN	1		
31624.54		328.89/ 663.65	1.0-0.1		55.861 -3.136	2		
4	8 187 0.22	0.0	0.0 C B*D COALFIELD TYPE			3		
EDI	Z 031626.41	P ID27.88	S 1ED 6.0H0.24M		0.25 200	8		
EDI	NS0316	ID	1ED 5.0H0.19ML		0.25 200	8		
EDI	EW0316	2E	1ED 6.0H0.26ML		0.25 200	8		
EBL	Z 031627.80	P 3E 28.92	S 2E			11		
-1								
140887	CORNWALL			5.0ABW	LS.PENZANCE, CORNWALL	1		
2336 3.60		146.81/ 17.69	12.7 1.0		50.005 -5.534	2		
7 27 328 0.08		3.0 6.1 D C*D				3		
CGH	Z 233608.86	P 1				27		
CCO	Z 233608.94	P 0IU				28		
CCA	Z 233609.30	P 1IU				30		
CR2	Z 233609.51	P 1IU14.23	S 1			32		
CR2	NS2336		12.0H0.05ML		1.0 200	32		
CR2	EW2336		12.0H0.05ML		1.0 200	32		
CBW	Z 233609.76	P 0IU				34		
CST	Z 233609.93	P 0IU				34		
-1								
150887	LOWNET	LN 552	12.5	5.0DDG	LROSEWELL, LOTHIAN	1		
05019.14		326.93/ 662.77	3.7-0.1		55.853 -3.167	2		
4	8 147 0.06	0.0	0.0 C A*D COALFIELD TYPE			3		
EDI	Z 005021.09	P 1EU22.25	S 1EU 6.1H0.18M		0.25 200	8		
EDI	NS0050		6.1H0.20ML		0.25 200	8		
EDI	EW0050		5.5H0.22ML		0.25 200	8		
EAU	Z 005022.61	P 3E				18		
EBL	Z 005021.61	P 1E				12		
-1								
170887	LOWNET	LN 552	12.5	5.0DDG	LROSEWELL, LOTHIAN	1		
193011.17		328.54/ 662.37	0.2 1.4		2+ 55.849 -3.141	2		
10 9 124 0.10	0.3	0.3 B A*B COALFIELD TYPE, FELT			ROSLIN	3		
EDI	Z 193013.322	P ID14.82	S 1EU 3.1H0.25M		10.0 200	9		
EDI	NS1930	ID	1EU 4.2H0.20ML		10.0 200	9		
EDI	EW1930	IU	IU 4.7H0.21ML		10.0 200	9		
EBL	Z 193013.74	P ID15.62	S 2E			10		
EAU	Z 193015.366	P ID18.58	S 2E			20		
ESY	Z 193018.033	P 2E 22.60	S 3E			34		
EBH	Z 193020.577	P ID27.25	S 2E			50		
EDU	Z 193025.055	P 3E				78		
EAB	Z 193025.844	P 3E				84		
-1								
200887	LOWNET	LN 553	12.5	5.0DDG	LROSEWELL, LOTHIAN	1		
32926.66		330.55/ 662.64	2.0-0.2		55.852 -3.110	2		
4 9 299 0.03	0.0	0.0 C A*D COALFIELD TYPE				3		
EDI	Z 032928.83	P 1ID30.34	S 2E 7.0H0.2 M		0.25 200	9		
EDI	Z 0329	ID	2E 3.2H0.40ML		0.25 200	9		
EDI	Z 0329	2E	1E 3.0H0.30ML		0.25 200	9		
EAU	Z 032930.86	P 2EU34.04	S 3E			22		
-1								
200887	LOWNET	LN 553	12.5	5.0DDG	LROSEWELL, LOTHIAN	1		
956 8.59		328.67/ 663.03	1.2 0.7		55.855 -3.140	2		
6 8 168 0.01	0.2	0.2 B A*C COALFIELD TYPE				3		
EDI	Z 095610.62	P ID12.14	S 1IU 5.5 0.21M		1.0 200	8		
EDI	NS0956		10.2H0.15ML		1.0 200	8		
EDI	EW0956		13.5H0.16ML		1.0 200	8		
EAU	Z 095612.67	P 2EU15.60	S 3ID			20		
EBL	Z 095611.16	P 1IU13.01	S 1EU			11		
-1								
200887N	WALES			5.0	LRUNCORN, CHESHIRE	1		
195256.14		351.26/ 374.40	6.8 1.1		53.264 -2.731	2		
18 76 310 0.29	2.6	2.7 D C*D				3		
WCB	Z 195315.35	P 3E				122		
WCB	NS1953		5.4 H0.06ML		0.25 200	122		
WCB	EW1953	30.0	S 3 5.0 H0.09ML		0.25 200	122		
YRC	Z 1953	29.8	S 3			123		
YRH	Z 195318.4	P 2E				136		
WLF	Z 195313.72	P 3E 26.06	S 3			111		
WME	Z 195313.6	P 3E 25.97	S 2			106		
YLL	Z 195312.25	P 2I 23.4	S 2			97		
WLC	Z 19539.0	P 2E				76		
WLC	NS1953	17.45	S 2 8.9 H0.06ML		0.25 200	76		
WLC	EW1953		5.7 H0.09ML		0.25 200	76		

Table 5 (cont'd)

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WVR Z 19539.29	P 2E 18.11	S 2		78
WBR Z 195310.93	P 2E 21.71	S 2		90
WST Z 195311.69	P 1IU			90
WFB Z 195314.2	P 2ED			109
-1				
220887N WALES			5.0	LLLEYN AFTERSHOCK 1
183113.39	237.13/ 343.32	21.9-0.2		52.962 -4.425 2
9 2 302 0.08	0.8 0.7 C A*D			3
WCB Z 1831	27.79	S 3		47
YRC Z 183120.10	P 3E 24.31	S 2		34
YRE Z 183116.82	P 2E 19.47	S 2	17.5H0.06ML	0.25 200 2
WLF Z 183120.3	P 3E 24.82	S 2		37
YLL Z 183118.94	P 1IU22.7	S 3		26
-1				
220887 LOWNET LN 553	12.5	5.0DDG	LKIRKCALDY,FIFE 1	
2236 3.35 331.42/ 689.78	0.6 0.2		56.096 -3.102 2	
8 20 179 0.11	0.7 1.2 B A*C COALFIELD TYPE			3
EDI Z 223607.53	P 1ED10.31	S 2E	9.0H0.35M	0.25 200 20
EDI NS2236			7.5H0.30ML	0.25 200 20
EDI EW2236			4.6H0.25ML	0.25 200 20
EBH Z 223609.30	P 1ED13.68	S 2E		30
EAU Z 223610.17	P 2EU			36
ESY Z 223610.29	P ED			36
EBL Z 223610.44	P ED15.78	S 3E		36
-1				
230887 LOWNET LN 553	12.5	5.0DDG	LROSEWELL,LOTHIAN 1	
84510.11 328.27/ 663.12	4.5-0.1		55.856 -3.146 2	
6 8 164 0.05	0.6 2.5 C B*C COALFIELD TYPE			3
EDI Z 084511.92	P ED13.36	S IU	4.6H0.20M	0.25 200 8
EDI NS0845			6.1H0.19ML	0.25 200 8
EDI EW0845			7.5H0.16ML	0.25 200 8
EBL Z 084512.60	P 2EU14.17	S 3E		11
EAU Z 084513.87	P 2ED16.65	S 2E		19
-1				
230887		5.0MJA	LMALLAIG,HIGHLAND 1	
18 520.98 169.72/ 800.35	2.6 0.5		57.037 -5.796 2	
5 13 186 0.06	1.8 3.6 C B*D			3
KPL Z 180527.4	P 1E 31.8	S 2E		35
KPL NS1805			7.5H0.1 ML	0.25 200 35
KPL EW1805			8.5H0.1 ML	0.25 200 35
KAR Z 180523.72	P 0IU			13
KSB Z 180526.55	P 1E			30
KAC Z 180531.4	P 2E			60
-1				
260887HEREFORD HF238			MORRIS LNW OLLERTON,NOTTS. 1	
172042.99 460.84/ 360.24	0.1 1.9		4+ 53.136 -1.090 2	
10 47 298 0.56	4.2 3.5 D D*D FELT OLLERTON,NOTTS.			3
MCH Z 172112.62	P 3EU33.34	S		181
MCH NS1721		S 2	11.1H0.18ML	0.25 200 181
MCH EW1721		S 2	14.7H0.25ML	0.25 200 181
SBD Z 172106.56	P 2ED24.97	S 2	8.7H0.27ML	0.25 200 148
HCG Z 1721	37.41	S 2	10.5H0.31ML	0.25 200 196
HTR Z 1721	36.05	S 3	6.5H0.20ML	0.25 200 189
HLM Z 172105.35	P 2EU22.52	S 2	7.4H0.30ML	0.25 200 139
CWF Z 172050.98	P 2EU56.49	S		47
CWF NS1720		S 2	11.2H0.10ML	0.25 200 47
CWF EW1720		S 2	26.1H0.13ML	0.25 200 47
-1				
260887 LOWNET LN 554	12.5	5.0DDG	LROSEWELL,LOTHIAN 1	
173115.60 328.67/ 662.63	0.2 1.4		4+ 55.852 -3.139 2	
10 9 122 0.06	0.2 0.2 B A*B COALFIELD TYPE,FELT		ROSLIN 3	
EDI Z 173117.77	P ID19.27	S 1IU15.2H0.30M	2.5 200 9	
EDI NS1731			19.0H0.20ML	2.5 200 9
EDI EW1731			19.5H0.21ML	2.5 200 9
EGL Z 173118.17	P 2ED20.22	S 2EU		11
EAU Z 173119.81	P ID23.01	S 2EU		20
ESY Z 173122.24	P 3E 27.02	S 3E		34
EBH Z 173124.97	P 1ID31.56	S 2ED		50
-1				
280887 LOWNET LN 554	12.5	5.0DDG	LROSEWELL,LOTHIAN 1	
92256.55 328.33/ 662.48	0.1 1.3		2+ 55.850 -3.145 2	
10 9 125 0.18	0.6 0.6 B B*B COALFIELD TYPE,FELT		ROSLIN 3	
EDI Z 092258.69	P ID60.14	S 1IU12.0H0.31M	2.5 200 9	
EDI NS0922			15.5H0.15ML	2.5 200 9
EDI EW0922			19.0H0.20ML	2.5 200 9
EGL Z 092259.09	P 1ED61.13	S 1EU		11
EAU Z 092260.70	P ID63.89	S 1EU		19
ESY Z 092263.62	P 1ID67.90	S 2EU		34
EBH Z 092265.84	P 2ED72.47	S 2EU		50
EDU Z 092270.37	P 3ED80.36	S 3E		78
-1				
310887 LOWNET LN 554	12.5	5.0DDG	LROSEWELL,LOTHIAN 1	
34650.82 328.45/ 662.56	0.1 1.1		2+ 55.851 -3.143 2	

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10	9	124	0.11	0.4	0.4	B A*B	COALFIELD TYPE,FELT	ROSLIN		3			
EDI	Z	034652.95		P	ID54.46	S	1IU 6.5H0.21M	2.5	200	9			
EDI	NS0346						7.0H0.21ML	2.5	200	9			
EDI	EW0346						12.7H0.20ML	2.5	200	9			
EBL	Z	034653.49		P	1IU55.40	S	1IU			11			
EAU	Z	034654.96		P	ID58.20	S	1IU			20			
ESY	Z	034657.78		P	2ED62.24	S	2EU			34			
EBH	Z	034660.18		P	2ED66.76	S	3E			50			
		-1											
020987N WALES						5.0	LLNEY AFTERSHOCK		1				
		63033.17	240.30/ 343.86		24.5	0.8	52.968 -4.378		2				
24	3	84	0.22	0.6	1.3	B B*A			3				
WCB	Z	063041.27		P	3					47			
WCB	NS0630						6.6 H0.05ML	0.25	200	47			
WCB	EW0630						7.1 H0.05ML	0.25	200	47			
YRC	Z	063040.0		P	1ID44.56	S	2			34			
YRE	Z	063036.62		P	3E					4			
WPM	Z	063041.52		P	2I 47.2	S	2			45			
WLF	Z	063040.2		P	2I 44.9	S	2			36			
WME	Z	063041.92		P	2E 47.93	S	2			48			
YLL	Z	063038.31		P	3E 42.18	S	2			24			
WLC	Z	063040.9		P	2IU					40			
WLC	NS0630						9.2 H0.12ML	1.0	200	40			
WLC	EW0630				45.27	S	1 5.0 H0.10ML	1.0	200	40			
YRH	Z	063038.6		P	1IU42.2	S	1			23			
WVR	Z	063043.02		P	2E 49.1	S	3			55			
WST	Z	063039.12		P	2E 43.22	S	1			26			
WFB	Z	063040.65		P	1IU45.7	S	2			39			
WBR	Z	063039.33		P	3E 44.75	S	2			35			
		-1											
020987 LOWNET				LN	554	12.5	5.0DDG	LROSEWELL,LOTHIAN		1			
		72957.66	328.62/ 662.70		0.0	1.1	3+ 55.852 -3.140		2				
10	8	122	0.10	0.3	0.3	B A*B	COALFIELD TYPE,FELT	ROSLIN		3			
EDI	Z	072959.78		P	ID61.27	S	1E 8.5H0.30M	2.5	200	8			
EDI	NS0729						7.4H0.21ML	2.5	200	8			
EDI	EW0729						14.1H0.19ML	2.5	200	8			
EBL	Z	072960.30		P	1EU62.24	S	1IU			11			
EAU	Z	072961.87		P	ID65.07	S	1EU			20			
ESY	Z	072964.55		P	2E 69.02	S	2E			34			
EBH	Z	072967.07		P	2EU73.72	S	3E			50			
		-1											
030987 LOWNET				LN	555	12.5	5.0DDG	LROSEWELL,LOTHIAN		1			
		121319.09	327.67/ 661.75		0.4	1.0	55.844 -3.155		2				
10	9	132	0.27	0.3	0.3	B B*B	COALFIELD TYPE			3			
EDI	Z	121321.14		P	0ID22.61	S	1IU 6.7H0.25M	2.5	200	9			
EDI	NS1213						9.2H0.2 ML	2.5	200	9			
EDI	EW1213						6.2H0.21ML	2.5	200	9			
EBL	Z	121321.57		P	1ED23.56	S	1EU			11			
EAU	Z	121323.19		P	0ID26.36	S	2EU			19			
ESY	Z	121325.99		P	3E 31.58	S	3E			35			
EBH	Z	121328.42		P	2EU35.16	S	3E			50			
		-1											
050987						5.0MJA	LLOCHE NEVIS,HIGHLAND		1				
		161433.07	176.24/ 800.50		6.5	2.0	57.041 -5.689		2				
8	16	152	0.15	2.3	3.0	C B*C			3				
KPL	Z	161439.3		P	0IU43.4	S	1E			33			
KPL	NS1614						14.0H0.23ML	2.5	200	33			
KPL	EW1614						11.0H0.27ML	2.5	200	33			
KAR	Z	161436.34		P	0ID					16			
KSB	Z	161437.75		P	0ID					25			
KAC	Z	161442.88		P	0ID49.4	S	1E			56			
MDO	Z	161448.5		P	2E 58.6	S	3E			92			
MME	Z	161458.8		P	2E					168			
MCD	NS1614						3.0H0.15ML	1.0	200	159			
MCD	EW1614						3.5H0.14ML	1.0	200	159			
MCD	Z	161459.0		P	4					159			
		-1											
050987						5.0MJA	LLOCHE HOURN,HIGHLAND		1				
		161321.81	187.05/ 808.22		1.0	0.4	57.116 -5.518		2				
5	12	192	0.02	0.4	0.5	C A*D			3				
KPL	Z	161326.97		P	0ID30.8	S	0ID14.0H0.18ML	0.25	200	26			
KPL	NS1613						5.0H0.17ML	0.25	200	26			
KPL	EW1613						8.0H0.17ML	0.25	200	26			
KAR	Z	161327.5		P	3E					29			
KSB	Z	161324.6		P	0ID					12			
KAC	Z	161330.1		P	2E					45			
		-1											
060987N WALES						5.0	LLNEY AFTERSHOCK		1				
		932 4.28	238.19/ 345.04		20.0	1.8	52.978 -4.410		2				
23	1	146	0.28	1.1	1.9	C B*C			3				
WCB	Z	093172.4		P	3E					46			
WCB	NS0931						78.31	S	3 8.5 H0.07ML	2.5	200	46	
WCB	EW0931									5.5 H0.08ML	2.5	200	46

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YRC Z 093170.45	P 1IU74.92	S 2		32
YRE Z 093167.45	P 1ID			1
WPM Z 093172.25	P 1IU77.62	S 3		46
WLF Z 093170.65	P 1IU75.37	S 2		35
WME Z 093172.36	P 2IU78.37	S 2		47
YLL Z 093169.34	P 1IU72.3	S 1		24
WLC Z 093212.21	P 1ID			42
WLC NS0932	17.42	S 2	5.1 H0.12ML	10.0 200 42
WLC EW0932			4.4 H0.06ML	10.0 200 42
WVR Z 093214.12	P 2ID20.41	S 2		57
WBR Z 093211.27	P 1ID16.0	S 2		37
WST Z 093210.29	P 1ID14.11	S 2		28
WFB Z 093211.76	P 2I 16.17	S 2		41
	-1			
070987N WALES			5.0	LLLEYN, GWYNEDD 1
104240.87	231.04/ 347.97	11.3 1.3		53.002 -4.518 2
23 7 151 0.14	0.4 1.0 B A*C			3
WCB Z 104248.10	P 2E			42
WCB NS1042			7.2 H0.05ML	1.0 200 42
WCB EW1042	53.13	S 3	7.9 H0.08ML	1.0 200 42
YRC Z 104245.90	P 2I 49.73	S 2		28
YRE Z 104242.72	P 2I			7
WPM Z 104249.25	P 3E 55.12	S 3		50
WLF Z 104246.60	P 2E 50.69	S 2		33
WME Z 104248.48	P 2E 53.90	S 3		46
YLL Z 104245.75	P 1IU49.36	S 1		28
WLC Z 104249.56	P 2E			50
WLC NS1042	55.3	S 2	13.0 H0.08ML	1.0 200 50
WLC EW1042			7.0 H0.09ML	1.0 200 50
YRH Z 104244.76	P 1ID			20
WVR Z 104251.89	P 2E			66
WBR Z 104248.75	P 2E 53.81	S 3		45
WST Z 104247.37	P 1IU51.84	S 2		36
WFB Z 104249.22	P 1ID54.8	S 3		48
	-1			
070987 LOWNET LN 555	12.5	5.0DDG	LROSEWELL, LOTHIAN 1	
17 8 9.73	328.87/ 663.08	0.4 1.2	55.856 -3.136 2	
10 8 119 0.21	0.9 1.0 B B*B COALFIELD TYPE			3
EDI Z 170811.86	P 1IU13.40	S 1IU11.5H0.28M	2.5 200 8	
EDI NS1708		10.0 H0.30ML	2.5 200 8	
EDI EW1708		14.0 H0.17ML	2.5 200 8	
EBL Z 170812.18	P ID14.92	S 2E		11
EAU Z 170813.88	P ID17.08	S 1IU		20
ESY Z 170816.15	P 2E 20.90	S 3E		33
EBH Z 170819.20	P 2ED25.81	S 1EU		50
EDU Z 170823.66	P 3E			77
	-1			
080987 CORNWALL		5.0	LSE LISKEARD, CORNWALL 1	
12 2 1.57	227.16/ 61.42	9.1 0.9	50.427 -4.434 2	
7 36 149 0.10	0.3 9.7 C C*C			3
DYA Z 120208.15	P 1IU12.50	S 1		36
CBW Z 120211.27	P 1			58
CR2 Z 120211.65	P 1EU			60
CR2 NS1202		3.0 H0.06ML	1.0 200 60	
CR2 EW1202		3.7 H0.05ML	1.0 200 60	
CCA Z 120212.17	P 1			63
CCO Z 120212.22	P 1			63
DYA NS1202		6.5 H0.07ML	1.0 200 36	
DYA EW1202		3.5 H0.10ML	1.0 200 36	
HTL Z 1202	20.00	S 2		63
	-1			
080987 ESKDALE ES 329	12.5	5.0DDG	LNORTHUMBRIAN COAST 1	
225654.48	457.84/ 597.25	8.2 0.8	55.266 -1.090 2	
6 78 309 0.05	0.8 1.0 C A*D OFFSHORE EPICENTRE			3
XSO Z 225707.43	P 1IU16.71	S 2E		78
XAL Z 225708.41	P 2E 18.71	S 2E		85
ESK Z 225716.02	P 2E 31.71	S 2E		135
ESK NS2257		2.0 H0.07ML	0.25 200 135	
ESK EW2257		2.6 H0.07ML	0.25 200 135	
	-1			
080987 LOWNET LN 555	12.5	5.0DDG	LNORTHUMBRIAN COAST 1	
225711.46	461.62/ 610.77	10.4 2.1	55.387 -1.027 2	
18 78 276 0.18	1.3 1.4 C B*D OFFSHORE EPICENTRE			3
ESY Z 225729.43	P 3E 44.22	S 3E		116
EBL Z 225732.81	P 3E 48.88	S 3E		134
EDI Z 225735.50	P 3E 51.80	S 3E		148
EDI NS2257		13.5 H0.28ML	0.25 200 148	
EDI EW2257		11.5 H0.31ML	0.25 200 148	
EAU Z 225736.85	P 1E			161
EDU Z 225738.55	P 2E			179
EBH Z 225739.61	P 2E			183
EAB Z 225744.72	P 1E			226
XSO Z 225724.44	P 1IU33.81	S 3E		78

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XAL Z 225727.21	P 3E 38.76	S 3E		96
ECK Z 225732.86	P 2E 48.61	S 3E		135
ESK Z 225733.38	P 2ID49.21	S 2E		138
ESK NS2257		8.0H0.10ML	1.0 200	138
ESK EW2257		6.8H0.11ML	1.0 200	138
-1				
100987N WALES		5.0	LLNEY AFTERSHOCK	1
1617 3.67 237.10/ 345.85	20.0 0.8		52.985 -4.427	2
22 0 123 0.22 0.7 1.6 B*B				3
WCB Z 161671.7	P 3E			45
WCB NS1616	77.28	S 3	6.5 H0.06ML	0.25 200
WCB EW1616			5.4 H0.09ML	0.25 200
YRC Z 161669.7	P 1ID73.75	S 2		31
YRE Z 161666.65	P 2I			0
WPM Z 1616	77.15	S 3		46
WLF Z 161669.78	P 3E 74.6	S 2		34
WME Z 161671.78	P 2E 77.5	S 3		47
YLL Z 161668.55	P 1IU72.2	S 2		24
WLC Z 161711.58	P 2E			44
WLC NS1617		5.0 H0.15ML	1.0 200	44
WLC EW1617	17.05	S 1	4.5 H0.08ML	1.0 200
YRH Z 16178.76	P 1IU			22
WVR Z 161713.9	P 2E			59
WBR Z 161710.8	P 2E 15.44	S 1		39
WST Z 16179.15	P 3E 13.8	S 2		29
WFB Z 161711.1	P 2E 16.1	S 3		43
-1				
160987N WALES		5.0	LBIRMINGHAM,W.MIDLANDS	1
74324.85 410.29/ 294.00	1.5 1.6		52.543 -1.848	2
22 71 280 0.35 3.3 5.2 D C*D				3
WFB Z 074349.17	P 3E 66.02	S 3		149
WVR Z 074345.55	P 3E 59.9	S 3		122
WLC Z 074348.05	P 2E			140
WLC NS0743	63.54	S 3	8.7 H0.11ML	0.25 200
WLC EW0743			5.5 H0.12ML	0.25 200
WBR Z 074348.55	P 2E 64.7	S 2		143
MCH Z 074341.52	P 2E			99
MCH NS0743	52.82	S 2	9.0 H0.06ML	1.0 200
MCH EW0743			5.0 H0.1 ML	1.0 200
SBD Z 074343.05	P 2E 53.55	S 2		104
HAE Z 074336.76	P 1IU45.3	S 2		74
HCG Z 074345.82	P 2E 59.49	S 2		126
HGH Z 074345.15	P 1IU59.19	S 2		120
HTR Z 074343.16	P 1IU55.8	S 2		110
HLM Z 074336.15	P 1IU45.1	S 2		71
-1				
180987 LOWNET LN557	12.5	5.0DDG	LLOCHE TUMMEL,TAYSIDE	1
93348.19 288.57/ 760.00	2.4 1.4		56.719 -3.821	2
10 28 263 0.12 1.2 1.3 C B*D				3
ELO Z 093352.99	P IU56.15	S 2E		28
EDU Z 093357.06	P 1E			53
EBH Z 093357.50	P IU64.80	S 3E		56
EAB Z 093359.49	P IU67.20	S 3E		67
EDI Z 093364.05	P 3E 75.94	S 2E	5.6H0.20M	0.25 200
EDI NS0933			4.0H0.25ML	0.25 200
EDI EW0933			6.5H0.25ML	0.25 200
EAU Z 093364.75	P 1E			100
EBL Z 093366.91	P 3E			116
-1				
200987 LOWNET		5.0DDG/JARLROSEWELL,LOTHIAN		1
950 2.61 328.47/ 662.25 1.8 1.0			55.848 -3.143	2
11 1 125 0.09 0.4 0.2 B A*B COALFIELD TYPE				3
ROA Z 095003.10	P ID03.54	S 1		0.25 4
ROA NS0950		ID 3.0H0.15M		0.250.04
ROB Z 095003.11	P ID			1
EDI Z 095004.67	P IU06.21	S 1IU10.0H0.24M		2.5 200
EDI NS0950	IU	6.1H0.20ML		2.5 200
EDI EW0950	ID	9.5H0.20ML		2.5 200
EBL Z 095004.94	P ID06.65	S 2E		10
EAU Z 095006.70	P ID09.20	S 2E		20
ESY Z 095008.99	P 2E			34
EBH Z 095011.61	P 2E			50
-1				
210987 SH,FL,BER		5.0OSIMPSON NORTH SEA		1
8 718.72	5.0 2.3		59.819 1.563	2
18157 170 0.81 5.3 6.6 D D*D				3
FOO Z 0807 59.50	P 1E 85.80	S 3E		275
FOO NS0807		05.2H0.08ML	01.0 200	275
FOO EW0807		03.2H0.11ML	01.0 200	275
FRO Z 0807	87.40	S 3E		282
ASK Z 0807 50.60	P 1I 73.10	S 3E		215
ODD Z 0808 00.00	P 1I 28.40	S 3E		286
KMY Z 0807 52.50	P 1I 74.50	S 3E		219

Table 5 (cont'd)

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HYA Z 0808		30.40	S 3E		295
LRW Z 0807	42.61	P 2E 62.05	S 3ID		157
LRW NS0807			08.6H0.10ML	01.0 200	157
LRW EW0807			06.7H0.12ML	01.0 200	157
SAN Z 0807	43.41	P 1E 62.80	S 3ID		158
WAL Z 0807	47.01	P 2E 65.32	S 3EU		184
YEL Z 0807	46.10	P 1E 65.80	S 3ID		168
-1					
210987			5.0SIMPSON NORTH SEA		1
	8 952.27		17.2 2.3	59.808	1.547
19156	171 0.36	3.1 3.3 D C*D			2
FOO Z 0810	30.80	P 1E 59.50	S 3E		276
FRO Z 0810	32.60	P 1E 60.01	S 3E		283
HYA Z 0810	33.10	P 1E 63.20	S 3E		297
ODD Z 0810	32.20	P 1E 61.20	S 3E		287
KMY Z 0810		47.00	S 3E		220
ASK Z 0810	23.10	P 1E 45.50	S 3E		217
LRW Z 0810	16.70	P 1E 32.70	S 3E		156
LRW NS0810			08.0H0.11ML	01.0 200	156
LRW EW0810			07.2H0.07ML	01.0 200	156
SAN Z 0810	16.31	P 1ED 33.50	S 3E		158
WAL Z 0810	19.39	P 1EU 36.30	S 3E		183
YEL Z 0810	18.05	P 1E 37.70	S 3E		168
FOO NS0810			06.0H0.08ML	01.0 200	276
FOO EW0810			04.5H0.09ML	01.0 200	276
-1					
220987	LOWNET	LN 557	12.5	5.0DDG	LRENFREW,STRATHCLYDE 1
	72154.94	247.64/ 667.89	2.3 1.8	55.880	-4.436
18 8 111 0.12	0.3	0.5 B A*B			2
EAB Z 072201.34		P ID05.78	S 1E		3
EAU Z 072205.90		P 1E			35
EBH Z 072207.15		P ID16.35	S 1E		62
ELO Z 072208.35		P 2E			71
EDI Z 072208.52		P 2E 18.50	S 2E	4.5H0.12M	80
EDI NS0722				5.8H0.20ML	1.0 200
EDI EW0722				4.5H0.14ML	78
EDU Z 072213.97		P 2EU28.20	S 3E		115
ESY Z 072214.07		P 4E			114
PGB Z 072156.89		P IU58.09	S 1ID	4.7H0.11M	10.0 200
PGB EW0721				7.0H0.19M	10.0 200
PMS Z 072158.79		P IU61.67	S 1ID		8
PCA Z 072159.30		P IU62.40	S 1ID		20
PCO Z 072159.70		P IU63.10	S 2E		23
-1					
230987	LOWNET	LN 558 031	12.5	5.0DDG	LRENFREW,STRATHCLYDE 1
	94014.58	247.83/ 667.75	3.1 1.2	55.879	-4.433
18 8 110 0.08	0.2	0.7 B A*B			2
EAB Z 094021.05		P 1E 25.45	S 2E		3
EAU Z 094025.29		P 1E			35
EBH Z 094026.70		P 1ED35.43	S 2E		61
EDI Z 094027.91		P 2E 37.72	S 2E	4.4H0.12M	71
EDI NS0940				6.8H0.17ML	0.25 200
EDI EW0940				4.4H0.19ML	78
ELO Z 094028.20		P 3E			80
EBL Z 094029.36		P 3E 40.40	S 3E		88
PGB Z 094016.48		P IU17.69	S 1IU	8.5H0.10M	2.5 200
PGB EW0940				18.5H0.12ML	8
PMS Z 094018.41		P IU21.20	S 1IU		2.5 200
PCA Z 094018.90		P 1IU22.00	S 1ID		20
PCO Z 094019.25		P 1IU22.52	S 3E		23
-1					
230987	LOWNET		5.0DWR/JARLROSEWELL,LOTHIAN		1
	201131.83	328.49/ 663.10	1.4 1.2	3+ 55.856	-3.142
12 1 120 0.14	0.6	0.3 B A*B COALFIELD TYPE,FELT		ROSLIN	2
ROA Z 201132.21		P IU32.63	S 1E		3
ROA EW2011			7.6H0.12M	0.25 4	1
ROB Z 201132.22		P IU		0.250.04	1
EDI Z 201133.75		P ID35.22	S 1EU10.0H0.29M		1
EDI NS2011		ID	IU11.4H0.20ML	2.5 200	8
EDI EW2011		EU	IU16.6H0.20ML	2.5 200	8
EBL Z 201134.25		P 2E 36.19	S 2EU		11
EAU Z 201135.78		P 1ID38.98	S 3EU		20
ESY Z 201138.56		P 2E			34
EBH Z 201140.98		P 2ED47.69	S 2E		49
-1					
260987	LOWNET	LN 558 944	12.5	5.0DDG	LROSEWELL,LOTHIAN 1
	2 823.83	328.67/ 663.46	2.1 0.2	55.859	-3.140
5 8 170 0.07	1.0	1.2 C B*D COALFIELD TYPE			2
EDI Z 020825.60		P 1E 27.08	S 1IU	6.5H0.28M	3
EDI NS0208				8.5H0.19ML	0.25 200
EDI EW0208				13.6H0.25ML	8
EBL Z 020826.40		P 2E 28.02	S 2E		8
EAU Z 020827.70		P 2E			20

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Table 5 (cont'd)

-1														
270987		725	2.86	365.01/	333.98	11.2	1.0	5.0IMI	LMARKET	DRAYTON,SALOP	1	52.902	-2.520	
9	50	271	0.35	2.2	3.3	D	C*D				2			
HLM	Z	072510.57		P	3E	17.22	S	3			3		50	
SBD	Z	072511.55		P	2E	17.53	S	3			50		96	
HAE	Z	072517.26		P	3E						106			
MCH	Z	072520.60		P	2E	33.02	S	1	4.5H0.09ML	0.25	200	106		
MCH	NS0725								3.8H0.11ML	0.25	200	106		
MCH	EW0725											105		
HTR	Z	072520.72		P	2E	33.22	S	2						
-1														
280987	PAISLEY		176		12.5		5.0DDG	LRENFREW,STRATHCLYDE	1					
		345	4.79	247.91/	666.73	4.8	0.6		55.870	-4.431	2			
4	7	302	0.01	0.0	0.0	C	A*D				3			
PGB	Z	034506.60		P	2E	07.86	S	1E			7			
PGB	EW0345								10.5H0.15ML	1.0	200	7		
PMS	Z	034508.62		P	IU11.44		S	1E			20			
-1														
280987	LOWNET	LN	558		12.5		5.0DDG	LRENFREW,STRATHCLYDE	1					
		7	649.02	247.74/	667.79	2.4	1.1		55.879	-4.434	2			
17	8	110	0.08	0.2	0.3	B	A*B				3			
EAB	Z	070655.30		P	2E	60.14	S	2E			35			
EAU	Z	070659.94		P	2E						61			
EDI	Z	070702.35		P	3E	11.76	S	4E			78			
EDI	NS0707								6.5H0.10ML	0.25	200	78		
EDI	EW0707								4.0H0.16ML	0.25	200	78		
EBH	Z	070701.23		P	1ED09.49		S	2ED			71			
ESK	Z	070706.11		P	3E	17.97	S	2EU			100			
ESK	NS0707								6.0H0.12ML	0.25	200	100		
ESK	EW0707								7.0H0.09ML	0.25	200	100		
ECK	Z	070708.28		P	2E	21.90	S	2EU			113			
PGB	Z	070650.95		P	IU52.18		S	1IU	5.0H0.11M	2.5	200	8		
PGB	EW0706								14.5H0.15ML	2.5	200	8		
PMS	Z	070652.84		P	IU55.65		S	1IU			20			
PCA	Z	070653.40		P	1EU56.44		S	2ED			23			
PCO	Z	070653.80		P	2E	57.42	S	3E			24			
-1														
300987	LOWNET	LN	558	2291	12.5		5.0DDG	LROSEWELL,LOTHIAN	1					
		13744.46	329.21/	663.07	4.7	0.2			55.856	-3.131	2			
5	8	174	0.01	0.3	0.9	C	A*D	COALFIELD TYPE			3			
EDI	Z	013746.28		P	ED47.81		S	1IU	7.5H0.20M	0.25	200	8		
EDI	NS0137								9.5H0.20ML	0.25	200	8		
EDI	EW0137								13.5H0.22ML	0.25	200	8		
EBL	Z	013746.80		P	1E	48.45	S	2E			11			
EAU	Z	013748.39		P	2E						20			
-1														
300987	LOWNET	LN	559		12.5		5.0DDG	LROSEWELL,LOTHIAN	1					
		133714.62	329.00/	662.21	0.5	0.4			55.848	-3.134	2			
6	9	167	0.05	5.7	5.2	D	D*C	COALFIELD TYPE			3			
EDI	Z	133716.85		P	1EU18.55		S	2E	6.6H0.29M	1.00	200	9		
EDI	NS1337								4.5H0.24ML	1.00	200	9		
EDI	EW1337								3.5H0.26ML	1.00	200	9		
EBL	Z	133717.11		P	2E	18.99	S	2E			10			
EAU	Z	133718.94		P	2E	21.86	S	3E			20			
-1														
300987	LOWNET								5.0DWR/JARLROSEWELL,LOTHIAN			1		
		194925.78	328.61/	663.08	1.5	1.2			3+	55.856	-3.140	2		
12	1	120	0.08	0.3	0.2	B	A*B	COALFIELD TYPE,FELT		ROSLIN	3			
ROA	Z	194926.26		P	IU26.63		S	2ED			1			
ROB	Z	194926.28		P	IU						1			
EDI	Z	194927.74		P	IU29.20		S	1EU	7.6H0.29M	2.5	200	8		
EDI	NS1949			ID					IU11.2H0.20ML	2.5	200	8		
EDI	EW1949			IU					IU16.6H0.20ML	2.5	200	8		
EBL	Z	194928.10		P	2E	30.19	S	2E			11			
EAU	Z	194929.79		P	ID32.70		S	3E			20			
ESY	Z	194932.19		P	2E						34			
EBH	Z	194934.92		P	2ED41.40		S	2E			49			
-1														
011087	LOWNET	LN	559		12.5		5.0DDG	LCOMRIE,TAYSIDE	1					
		84945.70	277.22/	726.35	3.7	0.7			56.414	-3.990	2			
7	18	209	0.13	1.1	3.0	C	B*D				3			
ELO	Z	084949.20		P	1EU51.90		S	2EU	3.6H0.11M	1.0	200	18		
EAB	Z	084951.95		P	2ED56.10		S	2EU			33			
EBH	Z	084952.30		P	IU56.65		S	1IU	9.0H0.07M	1.0	200	35		
EDI	Z	084958.25		P	2E						74			
EDI	NS0849								2.5H0.10ML	0.25	200	74		
EDI	EW0849								2.5H0.15ML	0.25	200	74		
-1														
011087	LOWNET	LN	559		12.5		5.0DDG	LBLAIRHALL,FIFE	1					
		113645.42	298.22/	691.58	0.5	0.9			56.106	-3.637	2			
8	18	195	0.05	0.1	0.1	C	A*D	COALFIELD TYPE			3			
EBH	Z	113649.19		P	1ED52.12		S	2ED			18			

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EAU Z 113651.50	P 1EU56.10	2ED			31
EDI Z 113652.11	P 1E 57.10	S 2ED	5.0H0.30M	0.25 200	35
EDI NS1136			7.5H0.30ML	0.25 200	35
EDI EW1136			6.5H0.23ML	0.25 200	35
ELO Z 113653.15	P 2E 58.90	2EU			41
-1					
021087 LOWNET	LN 559	12.5	5.0DDG	LROSEWELL, LOTHIAN	1
13 525.89	328.15/ 662.07	4.9 0.5		55.846 -3.148	2
6 9 157 0.03	0.3 1.1 B A*C COALFIELD TYPE				3
EDI Z 130527.90	P IU29.43	S 1IU	7.0H0.21M	1.0 200	9
EDI NS1305			5.0H0.18ML	1.0 200	9
EDI EW1305			7.0H0.19ML	1.0 200	9
EBL Z 130528.15	P ID29.89	S 1E			10
EAU Z 130529.70	P 1IU32.40	S 2E			19
-1					
031087 LOWNET	LN 559	12.5	5.0DDG	LROSEWELL, LOTHIAN	1
12933.61	329.44/ 662.91	2.0 0.1		55.854 -3.127	2
3 9 293 0.00	0.0 0.0 C A*D COALFIELD TYPE				3
EDI Z 012935.61	P ID37.08	S 1IU			9
EDI NS0129			9.2H0.16ML	0.25 200	9
EDI EW0129			12.5H0.21ML	0.25 200	9
EAU Z 012937.65	P ID				21
-1					
031087 LOWNET	LN 559	12.5	5.0DDG	LROSEWELL, LOTHIAN	1
22043.29	327.73/ 662.55	1.1-0.2		55.851 -3.154	2
4 8 282 0.02	0.0 0.0 C A*D COALFIELD TYPE				3
EDI Z 022045.38	P 1E 46.92	S 1IU			8
EDI NS0220			6.0H0.10ML	0.25 200	8
EDI EW0220			7.5H0.21ML	0.25 200	8
EAU Z 022047.22	P 1ED50.02	S 3E			19
-1					
031087 PAISLEY	PA 177	12.5	5.0DDG	LRENFREW, STRATHCLYDE	1
24054.36	247.57/ 667.34	2.4 0.5		55.875 -4.437	2
4 8 299 0.01	0.0 0.0 C A*D				3
PGB Z 024056.18	P 0ID57.47	S 1ID	2.3H0.10M	1.0 200	8
PGB EW0240			10.0H0.13ML	1.0 200	8
PMS Z 024058.15	P 0IU60.94	S 1ID			20
PCA Z 024058.65	P 4E 61.80	S 4E			23
-1					
031087 PAISLEY	PA 177	12.5	5.0DDG	LRENFREW, STRATHCLYDE	1
254 0.70	247.57/ 666.83	4.8 0.7		55.870 -4.436	2
7 7 156 0.01	0.1 0.3 B A*C F/S DOUBLE EVT, 2ND(0.5ML)	3.42 SECS LATER			3
PGB Z 025402.48	P 0IU03.75	S 1ID	4.5H0.10M	1.0 200	7
PGB EW0254			19.1H0.12ML	1.0 200	7
PMS Z 025404.48	P 0IU07.24	S 1I			19
PCA Z 025404.95	P 3EU08.01	S 3E			22
PCO Z 025405.40	P 3ED				25
-1					
031087 PAISLEY	PA 177	12.5	5.0DDG	LRENFREW, STRATHCLYDE	1
25427.77	247.18/ 666.85	2.2 0.4		55.871 -4.443	2
4 7 296 0.01	0.0 0.0 C A*D				3
PGB Z 025429.51	P 0ID30.74	S 1ID			7
PGB EW0254			7.6H0.15ML	1.0 200	7
PMS Z 025431.51	P 0IU34.27	S 1ID			19
PCA Z 025431.87	P 4E 35.03	S 4E			22
-1					
041087		5.0		NORTH SEA	1
225 4.01		2.4 2.9		58.375 1.490	2
26236 179 0.53	2.4 1.7 D D*D				3
MLA Z 0225 46.60	P 1E 74.00	S 2E			285
LRW Z 0225 41.80	P 2ED 66.90	S 3ED			248
LRW NS0225			04.0H0.12ML	02.5 200	248
LRW EW0225			05.0H0.10ML	02.5 200	248
SAN Z 0225 40.10	P 1ED 65.10	S 3ED			240
WAL Z 0225 45.10	P 2ED				274
FOO Z 022600.80	P 2ED40.00	S 3ID			410
FOO NS0226			03.0H0.10ML	01.0 200	410
FOO EW0226			03.5H0.10ML	01.0 200	410
FRO Z 022601.51	P 2E 42.00	S 3ID			422
SUE Z 022551.80	P 1E 84.50	S 3E			351
HYA Z 022600.00	P 1E 37.50	S 3E			408
ODD Z 022553.10	P 1E 87.10	S 3E			344
KMY Z 022539.50	P 1E 64.50	S 3E			236
ASK Z 022548.40	P 1E 77.80	S 3E			315
MCD Z 022546.70	P 1E 76.80	S 3E			294
MCD NS0225			03.5H0.10ML	02.5 200	294
MCD EW0225			04.0H0.09ML	02.5 200	294
MME Z 022546.10	P 1ED75.01	S 2ED			290
MVH Z 022552.40	P 2ED83.30	S 3ED			338
-1					
041087		5.0		ULLAPOOL, HIGHLAND	1
125828.32	210.49/ 902.97	0.4 3.0		4+ 57.976 -5.205	2
12 53 231 0.13	1.4 1.1 C B*D FELT	ULLAPOOL, ARDMAIR AND RHIROY			3

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ELO Z 125857.50	P 1E 80.2	S 3E	0.25	200	190
EAB Z 125859.4	P 2E 83.6	S 3E			206
EDU Z 125900.3	P 2E 26.7	S 3E			207
EBH Z 125901.3	P 2E 28.6	S 3E			218
MCD Z 125848.75	P 0IU63.2	S 2E			124
MDO Z 125841.2	P 0IU				78
MME Z 125852.5	P 1IU				153
MVH Z 125838.55	P 0IU				61
MLA Z 125847.44	P 0ID60.3	S 1E			115
KPL Z 125840.9	P 0ID				76
KPL NS1258		11.5H0.30ML	2.5	200	76
KPL EW1258		12.5H0.40ML	2.5	200	76
KAR Z 125848.55	P 1ID				124
KSB Z 125842.6	P 0ID				86
KAC Z 125837.3	P 0ID				53
EDI Z 125906.6	P 3E 37.00	S 4E			258
EDI NS1259		7.6H0.38ML	1.0	200	258
EDI EW1259		11.2H0.34ML	1.0	200	258
-1					
041087		5.0MJA	LULLAPOOL, HIGHLAND	1	
13 127.46	212.00/ 901.30	0.7 1.6	2+	57.961	-5.178
10 52 228	0.19	2.2 2.3 C B*D FELT ARDMAIR			2
MCD Z 130147.7	P 1EU62.2	S 3E			3
MCD NS1301		3.0H0.14ML	1.0	200	122
MCD EW1301		5.5H0.14ML	1.0	200	122
MDO Z 130140.1	P 1E				76
MME Z 130152.2	P 1E				151
MVH Z 130137.5	P 1IU44.0	S 2E			59
MLA Z 130146.35	P 1ED59.3	S 2E			114
KPL NS1258		8.0H0.16ML	0.25	200	75
KPL EW1258		7.5H0.24ML	0.25	200	75
KPL Z 130139.6	P 3E				75
KAC Z 130136.14	P 0ED				52
-1					
041087		5.0MJA	LULLAPOOL, HIGHLAND	1	
131628.24	211.91/ 903.09	0.2 1.4		57.977	-5.181
8 54 244	0.18	3.5 3.4 D C*D			2
MCD Z 131648.7	P 1E 63.8	S 3E			3
MCD NS1316		4.5H0.20ML	0.25	200	123
MCD EW1316		7.0H0.14ML	0.25	200	123
MDO Z 131641.15	P 1E				77
MME Z 131653.3	P 3E 71.2	S 3E			152
MVH Z 131638.35	P 1E 44.8	S 2E			59
MLA Z 1316	60.2	S 2E			113
KAC Z 131637.1	P 1E				54
-1					
041087		5.0MJA	LULLAPOOL, HIGHLAND	1	
145022.20	211.71/ 902.72	0.2 2.0	2+	57.974	-5.184
9 53 229	0.17	2.5 2.7 C B*D FELT ARDMAIR			2
MCD Z 145042.55	P 1E				3
MCD NS1450		2.0H0.20ML	2.5	200	123
MCD EW1450		3.5H0.20ML	2.5	200	123
MDO Z 145035.04	P 1IU				77
MME Z 145046.8	P 3E				152
MVH Z 145032.4	P 0ID38.8	S 1E			60
MLA Z 145041.0	P 2ED54.3	S 3E			114
KPL Z 145034.72	P 1E				76
KPL NS1450		4.0H0.25ML	1.0	200	76
KPL EW1450		6.0H0.23ML	1.0	200	76
KAC Z 145031.1	P 0EU				53
EDI Z 145104.6	P 4E 31.4	S 4E			259
EDI NS1451		2.7H0.19ML	0.25	200	259
EDI EW1451		3.4H0.21ML	0.25	200	259
-1					
041087		5.0	LULLAPOOL, HIGHLAND	1	
172816.46	211.53/ 902.31	0.5 3.0	4+	57.970	-5.187
13 53 229	0.17	1.6 1.2 C B*D FELT ULLAPOOL, ARDMAIR AND RHIROY			2
ELO Z 172845.60	P 1EU71.5	S 2E			3
EAB Z 172847.47	P 2E 73.1	S 2E			189
EDU Z 172847.71	P 2E 77.6	S 3E			205
EBH Z 172848.92	P 2E				206
EAU Z 172854.90	P 2E				217
EDI Z 172854.8	P 4E				259
EDI NS1728		8.3H0.22ML	1.0	200	259
MCD Z 172836.8	P 0IU51.3	S 2E			123
MCD NS1728		4.0H0.20ML	10.0	200	123
MCD EW1728		5.0H0.18ML	10.0	200	123
MDO Z 172829.31	P 0IU				77
MME Z 172840.4	P 0IU				152
MVH Z 172826.62	P 0IU33.2	S 1E			60
MLA Z 172835.45	P 0IU48.5	S 1E			114
KPL Z 172828.95	P 0ID				76
KPL NS1728		15.0H0.23ML	2.5	200	76

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KPL EW1728				12.0H0.34ML	2.5	200	76
KAR Z 172836.64	P OID						124
KSB Z 172830.67	P OID						86
KAC Z 172825.34	P OID						53
EDI EW1728				9.3H0.38ML	1.0	200	259
-1							
041087				5.0MJA LULLAPOOL,HIGHLAND	1		
173416.16 218.99/ 898.94	0.1 1.3			57.943 -5.058	2		
8 51 232 0.19 2.5 3.1 C B*D					3		
MCD Z 173435.24	P 1EU49.7	S 2E					115
MCD NS1734				4.5H0.15ML	0.25	200	115
MCD EW1734				9.0H0.10ML	0.25	200	115
MDO Z 173427.6	P 1EU						70
MME Z 173439.7	P 1EU						143
MVH Z 173425.0	P 0EU						52
MLA Z 173433.9	P 1E 47.0	S 1E					108
KAC Z 173424.7	P 1E						51
-1							
051087N WALES				5.0 LLLEYN AFTERSHOCK	1		
1219 8.62 239.70/ 342.44	23.1 0.7			52.955 -4.386	2		
20 4 88 0.08 0.3 0.7 A A*A					3		
WCB Z 121917.22	P 3E 23.05	S 2					48
WCB NS1219				3.5 H0.05ML	0.25	200	48
WCB EW1219				7.1 H0.12ML	0.25	200	48
YRC Z 121915.45	P 1ID20.21	S 2					35
YRE Z 121912.32	P 1IU						4
WLF Z 121915.64	P 2E 20.48	S 3					37
WME Z 121917.40	P 2E 23.38	S 2					50
YLL Z 121913.72	P 2E 17.95	S 2					25
WLC Z 121916.24	P 2E 21.60	S 1					41
WLC NS1219				3.8 H0.12ML	1.0	200	41
WLC EW1219				4.0 H0.08ML	1.0	200	41
YRH Z 121913.72	P 1IU						21
WVR Z 121918.32	P 2E						55
WBR Z 121915.37	P 2E 19.84	S 2					35
WST Z 121915.04	P 2E 18.30	S 2					27
WFB Z 121915.89	P 2E 20.67	S 3					38
-1							
061087NORTH SEA				5.0 SIMPSON NORTH SEA	1		
25542.51	0.2 2.4			59.216 1.618	2		
9207 302 0.77 25.2 12.7 D D*D					3		
FOO Z 0256 30.60	P 2E 63.40	S 3E					326
FOO NS0256				08.5H0.10ML	0.25	200	326
FOO EW0256				06.0H0.10ML	0.25	200	326
FRO Z 0256 28.20	P 4E 64.90	S 3E					335
SUE Z 0256	51.10	S 3E					270
ODD Z 0256 26.10	P 1E 54.70	S 3E					297
KMY Z 0256 16.80	P 4E 38.00	S 3E					207
ASK Z 0256 18.80	P 1E 44.60	S 3E					246
-1							
061087				5.0MJA LULLAPOOL,HIGHLAND	1		
44056.97 212.75/ 900.86	0.6 1.7			57.958 -5.165	2		
10 52 227 0.15 1.8 2.1 C B*D					3		
MCD Z 044117.1	P 1EU31.5	S 3E					121
MCD NS0441				4.0H0.14ML	1.0	200	121
MCD EW0441				8.0H0.18ML	1.0	200	121
MDO Z 044109.5	P 1EU						75
MME Z 044121.5	P 2EU						150
MVH Z 044106.86	P 0IU13.4	S 1E					59
MLA Z 044115.75	P 0IU28.8	S 2E					113
KAC Z 044105.57	P 0ID						52
KPL Z 044109.1	P 3E						75
KPL NS0441				8.5H0.20ML	0.25	200	75
KPL EW0441				9.5H0.20ML	0.25	200	75
-1							
061087				5.0 LULLAPOOL,HIGHLAND	1		
74130.66 218.03/ 895.89	0.7 1.5			57.915 -5.072	2		
8 48 230 0.34 4.3 6.7 D C*D					3		
MCD Z 074150.2	P 2E 64.5	S 3E					115
MCD NS0741				5.0H0.25ML	0.25	200	115
MCD EW0741				7.0H0.15ML	0.25	200	115
MDO Z 074141.4	P 3E						68
MME Z 074154.6	P 4E						143
MVH Z 074139.7	P 3E						53
MLA Z 074148.75	P 1E 61.85	S 2E					110
KAC Z 074138.7	P 1E						48
-1							
061087				5.0MJA LULLAPOOL,HIGHLAND	1		
75214.51 209.50/ 902.71	0.9 2.2			57.973 -5.222	2		
6 53 246 0.07 2.1 1.8 C B*D					3		
MCD Z 075235.7	P 1IU						125
MCD NS0752				4.5H0.31ML	1.0	200	125
MCD EW0752				9.0H0.18ML	1.0	200	125

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MDO Z 075228.2	P 1IU		78
MVH Z 075225.54	P 0IU		62
MLA Z 075234.44	P 0IU47.4	S 1E	116
KAC Z 075224.2	P 2E		53
EDI Z 075253.40	P 4E		260
EDI NS0752		4.5H0.20ML	0.25 200 260
EDI EW0752		4.5H0.20ML	0.25 200 260
ELO Z 075244.75	P 4E		191
EDU Z 075246.80	P 4E		207
EBH Z 075248.20	P 4E		218
-1			
061087 LONNET		5.0DWR/JARLROSEWELL, LOTHIAN	1
18 227.97 329.20/ 662.54	0.4 1.6	3+ 55.851 -3.131	2
12 2 120 0.04 0.1	0.1 B A*B COALFIELD TYPE, FELT	ROSLIN	3
ROA Z 180228.43	P ID28.82	S 1E	2
ROB Z 180228.45	P ID		2
EDI Z 180230.15	P IU31.69	S 1E 5.5H0.25M	10.0 200 9
EDI NS1802	IU	E 3.1H0.50ML	10.0 200 9
EDI EW1802	ID	IU 3.6H0.45ML	10.0 200 9
EBL Z 180230.50	P ID32.40	S 2E	10
EAU Z 180232.20	P ID35.39	S 2E	20
ESY Z 180234.47	P 1ED		33
EBH Z 180237.44	P 1IU44.11	S 2E	50
EDU Z 180241.91	P 2EU		78
-1			
071087 CORNWALL		LS PENZANCE, CORNWALL	1
045545.51 150.01/ 14.59	10.1 0.5	49.978 -5.487	2
6 24 328 0.06 3.2	8.6 D C*D		3
CGH Z 0455	53.70	S 2	25
CCO Z 045550.47	P 1IU		27
CCA Z 045551.05	P 1E		30
CR2 Z 0455	55.56	S 2	31
CR2 NS0455		6.2 H0.04ML	1.0 200 31
CR2 EW0455		5.2 H0.05ML	1.0 200 31
CST Z 0455	56.24	S 2	33
CBW Z 0455	56.04	S 2	33
-1			
071087		5.0MJA LULLAPOOL, HIGHLAND	1
45850.47 214.27/ 900.73	0.5 1.6	57.957 -5.139	2
5 57 289 0.11 6.1	3.0 D D*D		3
MCD Z 045910.35	P 1E		120
MCD NS0459		7.0H0.16ML	0.25 200 120
MCD EW0459		10.0H0.18ML	0.25 200 120
MDO Z 045902.7	P 1E		74
MVH Z 045900.05	P 1E		57
MLA Z 045908.9	P 0IU22.0	S 3E	112
-1			
071087		5.0MJA LULLAPOOL, HIGHLAND	1
06 435.81 212.20/ 900.78	8.1 2.1	57.957 -5.174	2
7 51 242 0.30 3.0	5.1 D C*D		3
MCD Z 060455.8	P 2E		122
MCD NS0604		4.5H0.20ML	1.0 200 122
MCD EW0604		8.0H0.20ML	1.0 200 122
MDO Z 060448.25	P 1IU		75
MVH Z 060445.74	P 0ID52.2	S 1E	59
MLA Z 060454.45	P 1IU67.5	S 1E	114
KAC Z 060444.3	P 1E		51
-1			
071087 LONNET		5.0DWR/JARLROSEWELL, LOTHIAN	1
183040.91 328.45/ 662.71	0.7 1.1	2+ 55.852 -3.143	2
12 1 123 0.12 0.5	0.4 B A*B COALFIELD TYPE, FELT	ROSLIN	3
ROA Z 183041.21	P 4IU41.64	S 4E	1
ROB Z 183041.23	P 4IU		1
EDI Z 183042.95	P ID44.41	S 1EU 6.3H0.29M	2.5 200 8
EDI NS1830	ID	IU 7.9H0.20ML	2.5 200 8
EDI EW1830	IU	IU12.6H0.20ML	2.5 200 8
EBL Z 183043.44	P 1ED45.37	S 2EU	11
EAU Z 183044.99	P ID48.22	S 3E	20
ESY Z 183047.72	P 3E		34
EBH Z 183050.11	P 2ED56.82	S 2E	50
-1			
081087 PAISLEY	PA 178	12.5	5.0DDG LAIRDRIE, STRATHCLYDE 1
144440.12 275.53/ 669.48	1.3 0.8	55.902 -3.991	2
7 12 136 0.02 0.1	0.2 B A*C		3
PCO Z 014442.80	P IU45.28	S 1EU	12
PCA Z 014445.61	P IU50.49	S 1IU	28
PGB Z 014446.33	P 1IU		32
PGB EW0144		5.4H0.12ML	1.0 200 32
PMS Z 014448.93	P 1ID		48
EAU Z 014446.65	P IU51.15	S 4E	34
EBH Z 014448.90	P 4E 55.20	S 4E	49
EDI Z 014449.20	P 4E 55.70	S 4E	50
EDI NS0144		4.5H0.14ML	0.25 200 50

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EDI EW0144			4.1H0.12ML	0.25	200	50
-1						
081087			5.0	LULLAPOOL, HIGHLAND	1	
165411.42	221.13/	899.39	0.2 1.6	57.948	-5.023	2
7 50 283	0.31	2.5	5.4 D C*D			3
MCD Z 165430.80		P 1E				113
MCD NS1654			6.0H0.20ML	0.25	200	113
MCD EW1654			15.0H0.1 ML	0.25	200	113
MDO Z 165422.70		P 1E 31.00	S 1E			69
MVH Z 165419.80		P 1E 25.30	S 3E			50
MLA Z 165428.70		P 1E 42.10	S 3E			106
-1						
101087 PA/LN/ES	PA 178		25.0	5.0DWR	LRENFREW, STRATHCLYDE	1
123548.37	247.85/	666.86	4.8 2.3	4+	55.871	-4.432
15 7 107 0.25	0.8	2.2 B B*B FELT IN RENFREW, ERSKINE & INCHINNAN				2
PGB Z 123550.28		P ID51.39	S 1IU			3
PMS Z 123552.25		P IU54.67	S 2EU			7
PCA Z 123552.68		P ID55.39	S 1IU			20
PCO Z 123553.11		P IU56.45	S 2EU			22
EAB Z 123555.82		P ID59.11	S 2EU			25
EAU Z 123558.97		P IU				36
EBH Z 123600.43		P 1EU09.29	S 2ID			61
EDI Z 123601.71		P 1ED12.00	S 3E	4.6H0.10M	2.5	200
EDI NS1236		E	E	5.4H0.20ML	2.5	200
EDI EW1236		E	E	3.6H0.19ML	2.5	200
ELO Z 123601.74		P 1ED11.03	S 3E			78
EBL Z 123603.06		P 1IU				88
ESY Z 123607.17		P 3E				114
EDU Z 123607.24		P 2ED20.90	S 3E			116
ESK Z 123604.95		P 2E 16.60	S 3E		2.5	200
ESK NS1236				7.5H0.18ML	2.5	200
ESK EW1236				7.5H0.10ML	2.5	200
ECK Z 123606.80		P 3E				99
XSO Z 123612.35		P 3E				113
-1						144
101087 PA/LN	PA 178		12.5	5.0DWR	LRENFREW, STRATHCLYDE	1
192833.20	247.36/	666.20	7.4 0.7	55.865	-4.439	2
9 7 106 0.15	0.8	0.8 B B*B				3
PGB Z 192835.21		P ID36.47	S 1ED 5.0H0.09M		2.5	200
PGB EW1928		IU	ID 9.1H0.10ML		2.5	200
PMS Z 192837.17		P IU39.57	S 2EU			7
PCA Z 192837.55		P 1E 40.27	S 2EU			19
PCO Z 192838.08		P 1E 41.27	S 2ED			22
EAB Z 192839.71		P 2ED41.30	S 3E			25
EAU Z 192841.30		P 2EU				37
EBH Z 192845.60		P 2E 54.10	S 3E			62
EDI Z 192847.00		P 4E 57.65	S 3E	2.1H0.11M	0.25	200
EDI NS1928		E	E	2.4H0.12ML	0.25	200
EDI EW1928		E	E	3.2H0.08ML	0.25	200
-1						79
131087 LOWNET	LN 560		12.5	5.0DDG	LROSEWELL, LOTHIAN	1
181841.07	329.32/	663.25	1.0 1.0	55.857	-3.129	2
6 8 176 0.02	0.3	0.3 B A*C COALFIELD TYPE				3
EDI Z 181843.14		P ID44.62	S 1EU			8
EDI NS1818				6.6H0.20ML	2.5	200
EDI EW1818				10.6H0.20ML	2.5	200
EBL Z 181843.62		P 2E 45.54	S 2EU			8
EAU Z 181845.24		P ID48.35	S 2E			20
ESY Z 181846.80		P 4E				33
-1						
131087 PAISLEY	PA 178		12.5	5.0DDG	LRENFREW, STRATHCLYDE	1
192841.00	247.76/	666.92	4.9 0.7	55.871	-4.433	2
8 7 157 0.04	0.2	0.7 B A*C				3
PGB Z 192842.86		P 0ID44.08	S 1ID			7
PGB EW1928				16.5H0.12ML	1.0	200
PMS Z 192844.82		P 0IU47.58	S 1IU			7
PCA Z 192845.25		P 2EU48.29	S 2ED			20
PCO Z 192845.70		P 3ED49.04	S 3E			22
-1						25
151087 LOWNET				5.0DWR/JARLROSEWELL, LOTHIAN		1
326 4.28	327.91/	663.24	1.6 1.0	55.857	-3.152	2
11 0 101 0.12	0.6	0.2 B A*B COALFIELD TYPE				3
ROA Z 032604.63		P IU04.99	2E		0.25	0
EDI Z 032606.15		P ID07.61	S 1EU	4.4H0.30M	2.5	200
EDI NS0326		ID	IU	6.7H0.20ML	2.5	200
EDI EW0326		IU	IU	9.9H0.20ML	2.5	200
EBL Z 032606.97		P 1ED08.52	S 2EU			8
EAU Z 032608.20		P 1ID11.10	S 3E			19
ESY Z 032610.92		P 2E				34
EBH Z 032613.38		P 2E 19.48	S 2E			49
-1						
161087			5.0	LULLAPOOL, HIGHLAND	1	
14 534.64	207.08/	900.56	1.0 1.1	57.953	-5.261	2

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10	64	294	0.73	6.4	5.3	D D*D											3
MCD	Z	140556.15		P 2E	70.20	S 3E											126
MCD	NS1405					3.0 H0.1 ML		0.25	200								126
MCD	EW1405					5.0 H0.1 ML		0.25	200								126
MDO	Z	140546.70		P 0E	57.25	S 1E											78
MME	Z	140561.30		P 3E	78.35	S 3E											155
MVH	Z	140546.00		P 3E	52.00	S 3E											64
MLA	Z	140554.75		P 2E	68.00	S 1E											119
		-1															
161087	LOWNET	LN 561			12.5		5.0DDG	LROSEWELL, LOTHIAN								1	
		163526.40	327.85/ 663.11		2.5 0.9			55.856	-3.153							2	
6	8	159	0.09	1.0	1.0 C B*C	COALFIELD TYPE										3	
EDI	Z	163528.10		P 0ID	29.55	S 1IU	3.6H0.28M		2.5	200						8	
EDI	NS1635						5.3H0.20ML		2.5	200						8	
EDI	EW1635						8.0H0.20ML		2.5	200						8	
EBL	Z	163528.92		P 1ID	30.52	S 1IU										12	
EAU	Z	163530.15		P 2ED	31.70	S 3E										19	
		-1															
171087					5.0		LULLAPOOL, HIGHLAND									1	
		74438.86	214.03/ 897.80		2.0 2.9			3+	57.931	-5.141						2	
10	49	223	0.10	1.3	0.8 C B*D	FELT ULLAPOOL										3	
KPL	Z	074451.33		P 1ID			5.5H0.28ML		2.5	200						73	
KPL	NS0744															73	
KSB	Z	074452.87		P 1ED	62.6	S 1ID										82	
MCD	Z	074459.05		P 1IU	73.35	S 4ED										119	
MCD	NS0744						12.0H0.29ML		2.5	200						119	
MCD	EW0744						16.5H0.21ML		2.5	200						119	
MDO	Z	074451.20		P 1EU	61.50	S 3E										72	
MME	Z	074462.70		P 1EU	81.70	S 4E										147	
MVH	Z	074448.95		P 2IU	55.88	S 1ED										57	
MLA	Z	074457.69		P 1ID	70.65	S 1ED										113	
KAC	Z	074447.71		P 0ID												49	
EDI	Z	074516.55		P 3E												253	
EDI	NS0745						5.0H0.37ML		1.0	200						253	
EDI	EW0745						7.0H0.35ML		1.0	200						253	
EDU	Z	074510.10		P 3E												201	
EBH	Z	074511.55		P 3E	33.90	S 3E										212	
ELO	Z	074507.95		P 3E	28.10	S 3E										184	
		-1															
171087					5.0		LULLAPOOL, HIGHLAND									1	
		74715.61	213.96/ 898.36		5.6 2.1			57.936	-5.143							2	
12	49	224	0.27	2.2	1.6 C B*D											3	
KPL	Z	074727.5		P 2E												73	
KPL	NS0747						2.0H0.28ML		2.5	200						73	
KPL	EW0747						2.5H0.20ML		2.5	200						73	
KSB	Z	074729.1		P 3E	38.8	S 3E										83	
KAC	Z	074723.83		P 1E	29.7	S 3E										49	
MCD	Z	074735.20		P 2EU	49.80	S 2E										119	
MCD	NS0747						8.0H0.27ML		1.0	200						119	
MCD	EW0747						10.0H0.22ML		1.0	200						119	
MDO	Z	074727.85		P 1E												72	
MME	Z	074738.95		P 4E	57.90	S 4ED										147	
MVH	Z	074725.15		P 1E	31.60	S 1ED										57	
MLA	Z	074734.10		P 1E	46.85	S 1E										113	
		-1															
171087					5.0		LULLAPOOL, HIGHLAND									1	
		954	7.66	211.33/ 900.82	4.8 2.5				3+	57.957	-5.189					2	
10	51	228	0.08	0.9	2.2 C B*D	FELT ULLAPOOL										3	
KPL	Z	095420.17		P 1ED												74	
KPL	NS0954						2.5H0.30ML		2.5	200						74	
KPL	EW0954						4.5H0.22ML		2.5	200						74	
KSB	Z	095421.9		P 4E	31.6	S 2E										84	
KAC	Z	095416.6		P 0ID												51	
MCD	Z	095427.90		P 1E	42.90	S 4E										122	
MCD	NS0954						9.0H0.2 ML		2.5	200						122	
MCD	EW0954						20.0H0.2 ML		2.5	200						122	
MDO	Z	095420.45		P 0E	29.20	S 2E										76	
MME	Z	095431.70		P 1E	49.05	S 1E										151	
MVH	Z	095417.90		P 1E	25.05	S 1E										60	
MLA	Z	095426.65		P 1E	39.70	S 3E										114	
EDI	Z	095445.27		P 3E												257	
EDI	NS0954						9.0H0.30ML		0.25	200						257	
EDI	EW0954						9.6H0.27ML		0.25	200						257	
ELO	Z	095436.57		P 3E	57.48	S 3E										188	
EDU	Z	095438.64		P 3E	61.06	S 3E										205	
EBH	Z	095440.010		P 3E												216	
		-1															
171087					5.0		LULLAPOOL, HIGHLAND									1	
								57.919	-5.046							2	
7	51	284	0.04	1.3	2.7 C B*D											3	
MCD	Z	204521.20		P 1E	33.15	S 2ED										113	
MCD	NS2045						2.0H0.20ML		0.25	200						113	
MCD	EW2045						8.0H0.09ML		0.25	200						113	

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MDO Z 204513.95	P 1ED21.92	S 3E		67
MME Z 204525.75	P 3ED43.75	S 4ED		141
MVH Z 204511.57	P 2ED17.76	S 2E		51
MLA Z 204520.27	P 1EU32.65	S 2ED		108
-1				
181087		5.0	LULLAPOOL, HIGHLAND	1
130 9.90	210.48/ 899.48	7.0 2.3	57.945 -5.202	2
11 50 228 0.09	1.3 2.6 C B*D			3
KPL Z 013022.00	P 1E			73
KPL NS0130		5.0H0.18ML	1.0 200	73
MCD Z 013029.90	P 2E 44.20	S 2		123
KSB Z 013023.80	P 2E 33.3	S 3E		83
KAC Z 013018.45	P 1ED24.35	S 3E		50
MCD NS0130		18.0H0.15ML	1.0 200	123
MCD EW0130		17.5H0.20ML	1.0 200	123
MDO Z 013022.40	P 2E			75
MME Z 013033.40	P 2E 51.08	S 3		151
MVH Z 013020.30	P 3E 27.20	S 3		61
MLA Z 013028.65	P 2E 41.60	S 3		116
EDI Z 013047.45	P 3E		0.25 200	256
EDI NS0130		5.5H0.24ML	0.25 200	256
EDI EW0130		7.0H0.30ML	0.25 200	256
ELO Z 013038.85	P 3E 58.70	S 3E		187
EAB Z 013040.70	P 3E 62.00	S 3E		203
-1				
191087 PAISLEY	PA 179	12.5	5.0DDG	LRENFREW, STRATHCLYDE 1
25913.11	247.85/ 667.25	3.5 1.0	55.874 -4.432	2
12 8 109 0.06	0.3 0.7 B A*B			3
PGB Z 025914.96	P 0IU16.15	S 1E	2.0H0.10M	10.0 200 8
PGB EW0259			5.5H0.10ML	10.0 200 8
PMS Z 025916.90	P 1IU20.15	S 3EU		20
PCA Z 025917.38	P 0ID20.40	S 2E		22
PCO Z 025917.75	P 0IU21.07	S 2E		25
EAB Z 025919.57	P 2EU			35
EAU Z 025923.95	P 2E			61
EBH Z 025925.25	P 1ID33.95	S 2E		71
EDI Z 025926.45	P 4E		4.0H0.12M	0.25 200 78
EDI NS0259			5.6H0.12ML	0.25 200 78
EDI EW0259			4.0H0.10ML	0.25 200 78
-1				
191087N WALES		5.0	LLLEYN, GWYNEDD	1
194438.68	243.35/ 342.73	12.9 0.6	52.959 -4.332	2
20 7 88 0.08	0.2 0.3 A A*A			3
WCB EW1944		52.66	S 3	
YRC Z 1944		49.75	S 3	
YRE Z 194441.10	P 1ID			36
WPM Z 194446.39	P 1IU51.39	S 3		7
WLF Z 194445.25	P 2E 49.70	S 1		44
WME Z 194447.14	P 2E 52.64	S 3		37
YLL Z 194443.08	P 1IU46.09	S 1		49
WLC Z 194445.4	P 1I 49.82	S 1		23
WLC NS1944			3.1 H0.06ML	1.0 200 37
WLC EW1944			5.2 H0.05ML	1.0 200 37
YRH Z 194443.26	P 1IU46.42	S 3		37
WVR Z 194447.72	P 2EU53.42	S 2		24
WBR Z 194444.46	P 1IU48.22	S 2		52
WFB Z 194445.28	P 2EU49.62	S 1		32
-1				
201087 LOWNET	LN 561	12.5	5.0DDG	LROSEWELL, LOTHIAN 1
124443.39	329.16/ 662.59	0.4 0.9	55.851 -3.132	2
8 9 120 0.08	0.5 0.4 B A*B COALFIELD TYPE			3
EDI Z 124445.58	P 0IU47.19	S 1ID	9.1H0.35M	2.5 200 9
EDI NS1244			4.6H0.19ML	2.5 200 9
EDI EW1244			5.7H0.25ML	2.5 200 9
EBL Z 124445.81	P 2E 47.98	S 2E		10
EAU Z 124447.65	P 0ID50.80	S 1IU		20
ESY Z 124449.80	P 3E			33
EBH Z 124452.90	P 2E			50
EDU Z 124457.55	P 3E			78
-1				
201087 LOWNET	LN 561	12.5	5.0DDG	LROSEWELL, LOTHIAN 1
191929.71	327.64/ 661.72	0.3 1.1	2+ 55.843 -3.156	2
8 9 132 0.13	0.2 0.2 B A*B COALFIELD TYPE, FELT		ROSLIN	3
EDI Z 191931.79	P 1ID33.21	S 3EU	7.0H0.29M	2.5 200 9
EDI NS1919			7.5H0.20ML	2.5 200 9
EDI EW1919			12.0H0.21ML	2.5 200 9
EBL Z 191932.22	P 1ED34.20	S 1IU		11
EAU Z 191933.80	P 0ID36.95	S 2EU		19
ESY Z 191936.62	P 2E			35
EBH Z 191939.00	P 2E			50
-1				
231087N WALES		5.0	LLLEYN AFTERSHOCK	1
131046.74	239.05/ 343.42	23.8 0.6	52.964 -4.397	2

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17	3	88	0.08	0.3	0.7	A A*A										3
WCB	Z	131056.0		P	4	61.13	S									47
WCB	NS1310							4.1	H0.07ML	0.25	200					47
WCB	EW1310							3.5	H0.10ML	0.25	200					47
YRC	Z	131053.41		P	2E	57.65	S	3								34
YRE	Z	131050.56		P	1ID											3
WLF	Z	1310				58.45	S	2								36
YLL	Z	131052.22		P	1IU56.01		S	1								25
WLC	Z	131054.5		P	1IU59.89		S	1								42
WLC	NS1310							15.8	H0.16ML	0.25	200					42
WLC	EW1310							7.1	H0.09ML	0.25	200					42
YRH	Z	131051.9		P	1IU55.44		S	1								21
WBR	Z	131053.61		P	2E	58.30	S	2								36
WST	Z	131052.62		P	2E	56.74	S	2								27
WFB	Z	131054.69		P	2E	59.2	S	2								40
	-1															
251087	JERSEY							5.0		LSW	GRONEZ	POINT,JERSEY1				
	32353.69							7.4	0.2	49.239	-2.279	2				
7	6	322	0.01	0.3	0.2	C A*D										3
JLP	Z	032356.48		P	0	58.55	S	1								13
JRS	NS0323								9.2	H0.04ML	1.0	200	15			
JSA	Z	032356.04		P	0											10
JVM	Z	032355.54		P	0	56.84	S	1								6
JRS	Z	032356.79		P	0	59.02	S	1								15
JRS	EW0323								9.0	H0.05ML	1.0	200	15			
	-1															
261087	LOWNET	LN 562				12.5		5.0DDG		LROSEWELL,LOTHIAN						1
	205148.93	327.97/	662.94			4.4	0.0			55.854	-3.151					2
6	8	159	0.07	1.3	4.0	C B*C	COALFIELD TYPE									3
EDI	Z	205150.72		P	1EU52.20			S 1EU	8.1H0.20M	0.25	200					8
EDI	NS2051								8.0H0.20ML	0.25	200					8
EDI	EW2051								8.7H0.20ML	0.25	200					8
EBL	Z	205151.40		P	1EU53.05		S 1E									11
EAU	Z	205152.69		P	2ED54.41		S 3E									19
	-1															
261087	LOWNET	LN 562				12.5		5.0DDG		LROSEWELL,LOTHIAN						1
	2247	3.65	328.34/	662.22		2.2	0.0			55.848	-3.145					2
6	9	160	0.07	0.6	0.7	B A*C	COALFIELD TYPE									3
EDI	Z	224705.60		P	0IU07.16			S 1IU	7.0H0.20M	0.25	200					9
EDI	NS2247								6.8H0.18ML	0.25	200					9
EDI	EW2247								8.0H0.19ML	0.25	200					9
EBL	Z	224705.90		P	2EU07.65		S 3ED									10
EAU	Z	224707.55		P	1ED09.50		S 3ED									19
	-1															
261087								5.0		LCLACKMANN,CENTRAL						1
	23	639.84	291.59/	691.59	2.8	1.4				2+	56.105	-3.743				2
6	22	136	0.02	0.1	26.6	C C*C	COALFIELD TYPE,FELT ALLOA									3
EDI	Z	230647.1		P	1ED52.4			2E								40
EDI	NS2306								13.5H0.35ML	0.25	200					40
EDI	EW2306								13.0H0.35ML	0.25	200					40
EAU	Z	230646.1		P	1ED											34
EAB	Z	230646.8		P	1ED											38
EBH	Z	230644.0		P	1ED											22
ELO	Z	230647.2		P	3E											41
	-1															
271087								5.0		LULLAPOOL,HIGHLAND						1
	114247.20	214.87/	897.10		5.0	1.5				57.925	-5.126					2
8	48	222	0.21	2.7	2.4	D C*D										3
KPL	Z	1142				67.7	S 2E									72
KPL	NS1142								8.0H0.26ML	0.25	200					72
KPL	EW1142								7.5H0.22ML	0.25	200					72
KSB	Z	1142				70.3	S 2E									82
KAC	Z	114255.4		P	2E											49
MCD	Z	114266.9		P	2E											118
MCD	NS1142								2.0H0.14ML	1.0	200					118
MCD	EW1142								4.0H0.10ML	1.0	200					118
MDO	Z	114259.3		P	1EU											71
MVH	Z	114256.6		P	1E	63.0	S 1E									56
MLA	Z	114265.4		P	1EU											112
	-1															
281087								5.0		LSPEAN BRIDGE,HIGHLAND						1
	7	149.61	244.71/	785.32	0.2	1.9				56.933	-4.552					2
9	61	234	0.20	1.7	3.1	C B*D										3
KPL	Z	070163.3		P	2E	72.6	S 2E									81
KPL	NS0701								6.5H0.10ML	1.0	200					81
KPL	EW0701								8.5H0.14ML	1.0	200					81
KSB	Z	070159.7		P	2E	66.9	S 2E									61
KAC	Z	070162.5		P	2E	71.3	S 3E									78
MCD	Z	070167.3		P	2E											107
MCD	NS0701								5.0H0.24ML	1.0	200					107
MCD	EW0701								6.0H0.18ML	1.0	200					107
MME	Z	070167.0		P	2E											105
MVH	Z	070168.7		P	2E											113

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-1								
291087	LOWNET	LN563	12.5	5.0DDG	LROSEWELL,LOTHIAN	1		
218	7.86	328.36/ 662.54	0.2 1.2	3+	55.851 -3.144	2		
12	8	124 0.04	0.1 0.2 B A*B COALFIELD TYPE	FELT	ROSLIN	3		
EDI Z	021810.01	P 0ID11.50	S 1IU 7.5H0.22M		2.5 200	9		
EDI NS0218			8.5H0.21ML		2.5 200	9		
EDI EW0218			13.5H0.21ML		2.5 200	9		
EBL Z	021810.49	P 1ID12.55	S 2EU			11		
EAU Z	021812.05	P 0ID15.11	S 3E			20		
ESY Z	021814.50	P 1ED				34		
EBH Z	021817.33	P 2EU23.95	S 3EU			50		
ELO Z	021821.60	P 3E				78		
EDU Z	021821.78	P 3E				78		
EAB Z	021822.43	P 3E				84		
-1								
301087			5.0	LROSEWELL,LOTHIAN	1			
34948.83	327.43/ 662.81	2.2 0.1		55.853 -3.159	2			
6	8 153 0.09	0.7 1.0 B A*C COALFIELD TYPE			3			
EDI Z	034950.60	P 0IU52.15	S 1ID 9.5H0.30M		0.25 200	8		
EDI NS0349			10.5H0.18ML		0.25 200	8		
EDI EW0349			10.0H0.18ML		0.25 200	8		
EBL Z	034951.40	P 0IU53.00	S 1ID			12		
EAU Z	034952.55	P 2ED55.10	S 3E			19		
-1								
301087			5.0	LULLAPOOL,HIGHLAND	1			
21 840.38	215.22/ 898.04	5.8 1.6		57.934 -5.121	2			
5 56 288 0.03	0.9 0.7 C A*D				3			
MCD Z	210860.5	P 4E				118		
MCD NS2108			8.5H0.14ML		0.25 200	118		
MCD EW2108			17.5H0.12ML		0.25 200	118		
MDO Z	210852.3	P 2E 60.7	S 2E			71		
MVH Z	210849.7	P 2E				56		
MLA Z	210858.45	P 1E 71.4	S 2E			112		
-1								
301087	LOWNET	LN563	12.5	5.0DDG	LROSEWELL,LOTHIAN	1		
233417.87	328.34/ 662.45	2.1 0.2		55.850 -3.145	2			
6	9 161 0.06	0.5 0.6 B A*C COALFIELD TYPE			3			
EDI Z	233419.81	P 1IU21.40	S 1IU11.5H0.22M		0.25 200	9		
EDI NS2334			9.5H0.19ML		0.25 200	9		
EDI EW2334			13.5H0.21ML		0.25 200	9		
EBL Z	233420.20	P 1E 21.93	S 2E			11		
EAU Z	233421.78	P 2ED24.38	S 3E			19		
-1								
311087	LOWNET	LN563	12.5	5.0DDG	LROSEWELL,LOTHIAN	1		
31125.15	329.55/ 662.82	0.9 0.6		55.853 -3.125	2			
8	9 117 0.08	0.5 0.5 B A*B COALFIELD TYPE			3			
EDI Z	031127.31	P 0IU28.90	S 1IU13.0H0.25M		1.0 200	9		
EDI NS0311			6.6H0.19ML		1.0 200	9		
EDI EW0311			10.5H0.21ML		1.0 200	9		
EBL Z	031127.61	P 0ID29.42	S 2E			10		
EAU Z	031129.37	P 0ID32.60	S 1IU			21		
ESY Z	031131.75	P 3E				33		
EBH Z	031134.65	P 3E				50		
-1								
311087			5.0	LULLAPOOL,HIGHLAND	1			
32934.94	215.19/ 899.11	0.6 2.5		57.943 -5.123	2			
11 56 262 0.11	2.2 1.1 C B*D				3			
MCD Z	032955.2	P 3E				118		
MCD NS0329			6.0H0.20ML		2.5 200	118		
MCD EW0329			10.5H0.12ML		2.5 200	118		
MDO Z	032947.65	P 1IU				72		
MVH Z	032945.05	P 1ID				56		
MLA Z	032953.75	P 1ED66.8	S 2E			111		
ELO Z	033004.50	P 3E 25.05	S 3E			185		
EDU Z	033006.25	P 3E 28.30	S 3E			201		
EAB Z	033006.55	P 3E 28.05	S 3E			201		
-1								
011187	PAISLEY	PA 181	12.5	5.0DDG	LKINTYRE,STRATHCLYDE	1		
45222.98	184.57/ 653.24	0.9 1.4		55.725 -5.431	2			
8	45 339 0.07	1.5 1.1 C B*D			3			
PMS Z	045231.33	P 1ED37.45	S 1E			45		
PGB Z	045233.90	P 1EU41.85	S 2E			61		
PGB EW0452			3.9H0.11ML		1.0 200	61		
PCA Z	045235.88	P 2EU45.49	S 2E			74		
PCO Z	045238.20	P 1EU49.42	S 2E			88		
-1								
051187	LOWNET	LN 564	12.5	5.0DWR	LLASSWADE,LOTHIAN	1		
191040.44	332.49/ 664.82	2.1 0.3		55.872 -3.079	2			
5	9 218 0.02	0.8 0.4 C A*D COALFIELD TYPE			3			
EDI Z	191042.45	P 1EU43.97	S 2E 16.6H0.30M		0.25 200	9		
EDI NS1910		EU43.97	S EU16.8H0.21ML		0.25 200	9		
EDI EW1910		EU	E 10.7H0.24ML		0.25 200	9		
EBL Z	191042.90	P 2E 44.62	S 3E			11		

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EAU Z 191045.00	P 3E		24
-1			
061187 LOWNET	LN 564	12.5	5.0DWR
175536.47	328.39/ 662.67	2.4 0.2	LROSEWELL,LOTHIAN 55.852 -3.144
6 8 163 0.08	0.5 0.7 B A*C COALFIELD TYPE		2
EDI Z 175538.39	P 1EU39.72	S 2E 9.5H0.28M	0.25 200 8
EDI NS1755	ED39.72	S EU12.7H0.12ML	0.25 200 8
EDI EW1755	E	E 16.0H0.21ML	0.25 200 8
EBL Z 175538.72	P 2E 40.49	S 3E	11
EAU Z 175540.40	P 1ID42.90	S 2E	20
-1			
061187 LOWNET	LN 564	883	12.5
23 239.10	327.77/ 662.15	0.1 1.1	5.0DWR 3+ 55.847 -3.154
9 9 129 0.09	0.3 0.4 B A*B COALFIELD TYPE,FELT		2
EDI Z 230241.25	P ID42.75	S 1EU 7.6H0.25M	2.5 200 9
EDI NS2302	ID	IU 4.5H0.32ML	2.5 200 9
EDI EW2302	IU	IU13.5H0.21ML	2.5 200 9
EBL Z 230241.76	P 1ED43.62	S 2ED	11
EAU Z 230243.29	P ID46.09	S 2ED	19
ESY Z 230245.96	P 2EU		35
EBH Z 230248.49	P 1ED55.17	S 2EU	50
-1			
071187 LOWNET	LN 564	939	12.5
3 746.45	328.84/ 663.16	1.4-0.2	5.0DWR 55.856 -3.137
5 8 170 0.00	0.0 0.0 C A*D COALFIELD TYPE		2
EDI Z 030748.49	P 1ED49.98	S 2E 7.8H0.27M	0.25 200 8
EDI NS0307	E	ED 5.5H0.20ML	0.25 200 8
EDI EW0307	E	E 5.5H0.20ML	0.25 200 8
EBL Z 030748.98	P 2E 50.82	S 2E	11
EAU Z 030750.50	P 2E		20
-1			
071187 LOWNET	LN 564	953	12.5
4 830.37	330.85/ 663.70	4.7-0.3	5.0DWR 55.862 -3.105
5 9 195 0.06	1.7 3.4 C B*D COALFIELD TYPE		2
EDI Z 040832.42	P 1ED33.73	S 2E 5.0H0.26M	0.25 200 9
EDI NS0408	E	E 3.3H0.20ML	0.25 200 9
EDI EW0408	E	ED 4.5H0.20ML	0.25 200 9
EBL Z 040832.61	P 2E 34.43	S 3E	11
EAU Z 040834.58	P 2E		22
-1			
071187 LOWNET	LN 564	959	12.5
434 3.35	328.98/ 663.31	1.8-0.1	5.0DWR 55.858 -3.135
6 8 173 0.04	0.3 0.4 B A*C COALFIELD TYPE		2
EDI Z 043405.30	P 1E 06.73	S 2EU10.6H0.22M	0.25 200 8
EDI NS0434	E	EU 6.1H0.20ML	0.25 200 8
EDI EW0434	E	EU 7.6H0.18ML	0.25 200 8
EBL Z 043405.76	P 2E 07.65	S 3E	11
EAU Z 043407.39	P 2E 10.20	S 3E	20
-1			
071187 LOWNET	LN 564	960	12.5
440 6.43	329.30/ 663.31	1.4 0.0	5.0DWR 55.858 -3.130
5 8 176 0.03	0.5 0.6 C A*D COALFIELD TYPE		2
EDI Z 044008.50	P 1ED09.91	S 2EU 6.8H0.30M	0.25 200 8
EDI NS0440	E	E 8.4H0.13ML	0.25 200 8
EDI EW0440	E	IU12.0H0.21ML	0.25 200 8
EBL Z 044008.88	P 2E 10.78	S 2E	11
EAU Z 044010.55	P 1ID		20
-1			
071187 LOWNET	LN 564	1144	12.5
175920.32	332.29/ 664.82	1.0-0.2	5.0DWR 55.872 -3.082
3 9 216 0.01	0.0 0.0 C A*D COALFIELD TYPE		2
EDI Z 175922.51	P 2E 24.10	S 3E 5.0H0.26M	0.25 200 9
EDI NS1759	E 24.10	S E 3.3H0.29ML	0.25 200 9
EDI EW1759	E	E 4.0H0.20ML	0.25 200 9
EBL Z 1759	24.90	S 3E	11
-1			
081187 LOWNET	LN 564	1443	12.5
152856.04	327.58/ 662.76	0.7 0.1	5.0DWR 55.853 -3.157
6 8 154 0.07	0.9 1.1 B A*C COALFIELD TYPE		2
EDI Z 152858.11	P 0ID59.51	S 2E 14.7H0.25M	0.25 200 8
EDI NS1528	ID	ED17.2H0.19ML	0.25 200 8
EDI EW1528	ID59.51	S EU 7.3H0.20ML	0.25 200 8
EBL Z 152858.82	P 1ED60.69	S 2E	11
EAU Z 152859.90	P 2E 63.05	S 3E	19
-1			
081187 LOWNET	LN 564	1443	12.5
161328.70	327.33/ 662.99	2.4-0.4	5.0DWR 55.855 -3.161
5 8 153 0.03	0.4 0.4 C A*D COALFIELD TYPE		2
EDI Z 161330.50	P 1E 31.81	S 2E 3.8H0.28M	0.25 200 8
EDI NS1613	E	E 2.9H0.16ML	0.25 200 8
EDI EW1613	E 31.81	S E 3.6H0.19ML	0.25 200 8
EBL Z 161331.22	P 3E 32.88	S 3E	12
EAU Z 161332.32	P 3E		19

-1								
091187					5.0IMI	LW.PEEL, ISLE OF MAN	1	
13314.95	215.26/	484.42	17.7	2.3	4	54.222	-4.834	2
39 13 146 0.27	0.6	0.5 C B*C FELT THROUGHOUT	I.O.M.					3
WIM Z 013318.51	P 1IU21.91	S 2						13
WCB Z 013330.34	P 1ID40.97	S 1						96
WME Z 013331.18	P 1ID42.33	S 3						98
YRC Z 013332.27	P 1ID44.70	S 3						110
WLF Z 013332.33	P 1ID44.22	S 2						108
WPM Z 013334.72	P 3E 48.86	S 3						124
YRE Z 013336.84	P 1ID52.71	S 3						141
YRH Z 013338.70	P 2E 56.59	S 3						155
WLC Z 013338.42	P 3E 55.76	S 2						153
WBR Z 013339.79	P 3E 57.77	S 3						164
WVR Z 013341.65	P 3E 61.10	S 3						178
WFB Z 013341.77	P 2E 61.35	S 3						179
SBD Z 013341.98	P 3E 61.68	S 3						180
ECK Z 013338.50	P 2E 55.69	S 2						153
ESK Z 013339.30	P 3E 57.42	S 3						161
XAL Z 013341.72	P 3E							184
HPK Z 013346.36	P 3E 68.24	S 3						212
HOY Z 013347.64	P 3E 71.24	S 3						224
DLE Z 013338.02	P 3E 55.20	S 3						153
DMU Z 013336.39	P 3E 53.00	S 3						141
WCB NS0133		8.0H0.08ML			2.50	200	96	
WLC NS0133		9.6H0.08ML			2.50	200	153	
-1								
091187 LOWNET	LN 564	1712	12.5		5.0DWR	LROSEWELL, LOTHIAN	1	
112811.14	329.76/	663.91	0.4-0.2			55.863	-3.122	2
5 8 185 0.14	1.6	1.4 C B*D COALFIELD TYPE						3
EDI Z 112813.10	P 1E 14.69	S 2E	6.7H0.25M		0.25	200	8	
EDI NS1128	E	E	5.0H0.20ML		0.25	200	8	
EDI EW1128	E 14.69	S E	5.1H0.20ML		0.25	200	8	
EBL Z 112813.80	P 2E 15.62	S 3E						11
EAU Z 112815.45	P 3E							21
-1								
091187 LOWNET	LN564		12.5		5.0DWR	LROSEWELL, LOTHIAN	1	
2030 8.50	329.32/	663.65	1.5 0.0			55.861	-3.129	2
5 8 178 0.04	0.7	0.8 C A*D COALFIELD TYPE						3
EDI Z 203010.42	P 1E 11.92	S 2E	5.5H0.28M		0.25	200	8	
EDI NS2030	E	E	8.4H0.13ML		0.25	200	8	
EDI EW2030	E 11.92	S	ED10.4H0.19ML		0.25	200	8	
EBL Z 203011.10	P 2E 12.80	3E						11
EAU Z 203012.62	P 2E							20
-1								
101187 LOWNET	LN 564		12.5		5.0DWR	LROSEWELL, LOTHIAN	1	
85628.55	329.17/	663.60	1.8-0.1			55.860	-3.132	2
5 8 176 0.02	0.3	0.3 C A*D COALFIELD TYPE						3
EDI Z 085630.50	P 2E 31.87	S 2E	4.8H0.19M		0.25	200	8	
EDI NS0856	E 31.87	S EU	6.9H0.15ML		0.25	200	8	
EDI EW0856	E	E	8.8H0.20ML		0.25	200	8	
EBL Z 085631.01	P 3E 32.89	S 3E						11
EAU Z 085632.58	P 3E							20
-1								
101187 KYLE		12.5	5.0			LLOCHAILORT, HIGHLAND	1	
135259.87	178.48/	785.33	14.4 0.7			56.906	-5.639	2
5 36 338 0.25	4.8	10.9 D C*D						3
KPL Z 1353 0839	P 1E 14.15	S 3E						48
KPL NS1353		06.0H0.09ML			0.25	200	48	
KPL EW1353		09.2H0.09ML			0.25	200	48	
KSB Z 1353 06.10	P 2E 10.85	S 3E						36
KAC Z 1353 11.80	P 1E							69
-1								
111187 LOWNET	LN564		12.5		5.0DWR	LROSEWELL, LOTHIAN	1	
93915.34	330.37/	663.22	1.0-0.1			55.857	-3.113	2
6 9 187 0.04	1.0	0.9 C B*D COALFIELD TYPE						3
EDI Z 093917.59	P 1EU19.10	S 3E	10.4H0.29M		0.25	200	9	
EDI NS0939	EU19.10	E	6.3H0.21ML		0.25	200	9	
EDI EW0939	E	E	5.7H0.16ML		0.25	200	9	
EBL Z 093917.80	P 1ED19.70	S 3E						10
EAU Z 093919.70	P 1ED22.95	S 3E						22
-1								
121187 LOWNET	LN565	481	12.5		5.0DWR	LROSEWELL, LOTHIAN	1	
193828.52	328.12/	663.37	2.2 0.0			55.858	-3.148	2
5 8 163 0.06	0.8	1.1 C A*D COALFIELD TYPE						3
EDI Z 193830.30	P 1E 31.71	S 3E	6.0H0.30M		0.25	200	8	
EDI NS1938	E	E	5.1H0.29ML		0.25	200	8	
EDI EW1938	E	E	9.5H0.20ML		0.25	200	8	
EBL Z 193831.10	P 3E 32.70	S 3E						12
EAU Z 193832.29	P 3E							19
-1								
131187 CORNWALL		12.5	5.0			LNW WENDRON, CORNWALL	1	
161811.12	167.17/	31.59	3.3 0.5			50.138	-5.259	2

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BFR Z 025511.48	P IU					136
HCG Z 025515.12	P 2E 33.63	S 3				167
HOY Z 025459.02	P IU					54
HPK Z 025500.90	P IU08.75	S 1				64
XAL Z 025511.50	P 1E 26.40	S 3				138
ECK Z 025516.52	P 1E					180
ESK Z 025518.50	P 1E 38.50	S 3				195
ESK NS0255		9.5H0.22ML	0.25 200	195		
ESK EW0255		11.0H0.30ML	0.25 200	195		
XSO Z 025520.14	P 1E					208
BMY Z 025458.33	P IU64.72	S 3				48
-1						
171187 LOWNET	LN 565 2155	12.5	5.0DWR	LCLACKMANNAN,CENTRAL	1	
191019.48	292.83/ 690.50	4.5 1.1		56.095 -3.723	2	
7 22 136 0.26	1.9 5.0 C C*C COALFIELD TYPE				3	
EBH Z 191023.79	P ID26.91	S 2ED				22
EAU Z 191025.79	P 1ED					33
EDI Z 191026.01	P 1EU31.10	S 2E 6.4H0.43M	0.25 200	39		
EDI NS1910	E	E 5.7H0.50ML	0.25 200	39		
EDI EW1910	EU31.10	S EU 5.8H0.52ML	0.25 200	39		
EAB Z 191026.52	P 1E					40
ELO Z 191027.02	P 1E					42
-1						
171187 LOWNET	LN 565 2171	12.5	5.0DWR	LROSEWELL,LOTHIAN	1	
201822.03	328.10/ 663.11	2.4 0.2		55.856 -3.149	2	
6 8 162 0.09	0.6 0.9 B A*C COALFIELD TYPE				3	
EDI Z 201823.81	P 1E 25.16	S 2E 7.8H0.24M	0.25 200	8		
EDI NS2018	E	E 10.0H0.21ML	0.25 200	8		
EDI EW2018	E 25.16	IU15.1H0.21ML	0.25 200	8		
EBL Z 201824.58	P 1E 26.00	S 2E				11
EAU Z 201825.74	P 1E 28.50	S 2E				19
-1						
181187 LOWNET	LN565 2249	12.5	5.0DWR	LCLACKMANNAN,CENTRAL	1	
15848.83	292.11/ 690.61	1.1 0.2		56.096 -3.735	2	
7 22 137 0.16	1.1 2.0 C B*C COALFIELD TYPE EVENT				3	
EBH Z 015853.30	P 0ED56.70	S 2E				22
EAU Z 015855.22	P 1E 60.01	S 3E				33
EDI Z 015855.90	P 3E 61.20	S 2E 1.6H0.12M	0.25 200	39		
EDI NS0158	E 61.20	S E 2.0H0.15ML	0.25 200	39		
EDI EW0158	E	E 1.9H0.15ML	0.25 200	39		
EAB Z 015856.10	P 2E					39
-1						
181187 NORTH SEA		5.0BS	NORTH SEA	1		
91950.12		6.2 1.7	59.684	1.822	2	
15175 177 0.83	6.3 7.0 D D*D				3	
SUE Z 092022.70	P 1E 46.50	S 3E				223
HYA Z 092031.90	P 1E 57.70	S 4E				292
ODD Z 092029.40	P 1E 57.50	S 3E				274
KMY Z 092020.70	P 2E 42.70	S 3E				202
ASK Z 092020.80	P 1E 43.70	S 3E				208
LRW Z 092019.20	P 1E 35.80	S 3E				175
LRW NS0920		03.0H0.05ML	01.0 200	175		
LRW EW0920		03.0H0.11ML	01.0 200	175		
SAN Z 092016.60	P 2E 35.60	S 3E				175
YEL Z 092019.90	P 1E 39.70	S 3E				188
-1						
201187 LOWNET		10.0	5.0DDG	LARDNAMURCHAN,HIGHLAND	1	
3 739.39	173.14/ 763.76	0.5 2.6	3+	56.710 -5.707	2	
21 58 214 0.16	1.6 1.0 C B*D FELT LOCHAILORT				3	
EAB Z 030757.11	P 1IU68.85	S 3E				103
ELO Z 030800.79	P 1IU15.43	S 2E				125
EBH Z 030803.08	P 1E 20.75	S 2E				145
EAU Z 030805.91	P 2E 27.20	S 2E				170
EDU Z 030806.80	P 2E					166
EDI Z 030807.41	P 1EU29.10	S 2E 6.0H0.15M	1.0 200	179		
EBL Z 030809.21	P 3E 32.25	S 3E				196
ESY Z 030811.42	P 3E 36.82	S 3E				211
KPL Z 030751.80	P 0I					70
KPL NS0307		6.0H0.19M	10.0 200	70		
KPL EW0307	61.10	S 3E 6.5H0.10M	10.0 200	70		
KSB Z 030750.01	P 0I					58
KAC Z 030755.10	P 0I 67.24	S 4E				91
EDI NS0308		9.6H0.12ML	1.0 200	179		
EDI EW0308		9.0H0.11ML	1.0 200	179		
PMS Z 030758.75	P 1IU					113
PCO Z 030800.70	P 2ED					128
PGB NS0308		8.5H0.21ML	2.5 200	126		
PGB Z 030800.40	P 1E					126
PGB EW0308		8.0H0.20ML	2.5 200	126		
-1						
211187 LOWNET	LN 566 1106	12.5	5.0DWR	LROSEWELL,LOTHIAN	1	
155626.92	329.08/ 663.38	0.2-0.4		55.858 -3.133	2	
4 8 174 0.04	0.0 0.0 C A*D COALFIELD TYPE					3

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EDI Z 155628.82	P 2E 30.40	S 3E 3.4H0.30M	0.25 200	8
EDI NS1556	E	E 3.0H0.20ML	0.25 200	8
EDI EW1556	E 30.40	S E 3.4H0.24ML	0.25 200	8
EBL Z 155629.69	P 2E			11
EAU Z 155631.20	P 2E			20
-1				
231187 PAISLEY PA 184	12.5	5.0DDG	LRENFREW, STRATHCLYDE	1
74215.26 247.65/ 666.66	6.0 0.5	55.869 -4.435		2
6 7 247 0.04 0.5 0.6 C A*D				3
PGB Z 074217.12	P 0ID18.39	S 1IU		7
PGB NS0742		14.2H0.16ML	1.0 200	7
PGB EW0742		7.1H0.10ML	1.0 200	7
PMS Z 074219.13	P 0IU21.85	S 1EU		20
PCA Z 074219.50	P 1E 22.60	S 2ED		22
-1				
231187 LOWNET LN 566 1826	12.5	5.0DWR	LROSEWELL, LOTHIAN	1
201133.48 329.53/ 663.31	0.5-0.1	55.858 -3.126		2
5 8 179 0.03 0.7 0.9 C A*D COALFIELD TYPE				3
EDI Z 201135.62	P 2E 37.01	S 2E 10.0H0.19M	0.25 200	8
EDI NS2011	E 37.01	S EU 6.5H0.19ML	0.25 200	8
EDI EW2011	E	E 7.0H0.19ML	0.25 200	8
EBL Z 201136.12	P 2E 38.08	S 2E		11
EAU Z 201137.81	P 1E			21
-1				
241187 LOWNET LN 566 1910	12.5	5.0DWR	LROSEWELL, LOTHIAN	1
221 4.22 329.52/ 663.68	2.1 0.1	55.861 -3.126		2
6 8 181 0.05 0.5 0.5 C A*D COALFIELD TYPE				3
EDI Z 022106.15	P 0ID07.42	S 1E 11.9H0.25M	0.25 200	8
EDI NS0221	ED	EU 8.4H0.20ML	0.25 200	8
EDI EW0221	EU07.42	S EU10.0H0.20ML	0.25 200	8
EBL Z 022106.62	P 1ED08.40	S 2E		11
EAU Z 022108.20	P 1E 11.33	S 3E		21
-1				
241187 LOWNET LN566 1989	12.5	5.0DWR	LROSEWELL, LOTHIAN	1
8 242.91 330.38/ 663.53	0.5-0.1	55.860 -3.112		2
6 8 189 0.09 2.0 1.8 C B*D COALFIELD TYPE				3
EDI Z 080245.10	P 1EU46.51	S 2E 7.1H0.28M	0.25 200	8
EDI NS0802	E	E 5.4H0.19ML	0.25 200	8
EDI EW0802	E 46.51	S EU 6.5H0.20ML	0.25 200	8
EBL Z 080245.61	P 1E 47.35	S 2E		11
EAU Z 080247.23	P 2E 50.81	S 3E		22
-1				
251187 LOWNET LN 566 2301	12.5	5.0DWR	LLASSWADE, LOTHIAN	1
64525.43 331.59/ 664.83	2.3 0.3	55.872 -3.093		2
6 8 209 0.04 0.5 0.4 C A*D COALFIELD TYPE				3
EDI Z 064527.30	P 0ID28.69	S 2E 4.9H0.11M	1.0 200	8
EDI NS0645	ED	EU 7.5H0.10ML	1.0 200	8
EDI EW0645	EU28.69	S EU 3.6H0.19ML	1.0 200	8
EBL Z 064527.90	P 2E 29.60	S 2E		11
EAU Z 064529.75	P 1ED33.10	S 3E		23
-1				
251187 LOWNET LN 567 165045.92	12.5	5.0DWR	LROSEWELL, LOTHIAN	1
330.71/ 663.95	2.2 0.2	55.864 -3.107		2
6 8 195 0.06 0.7 0.7 C A*D COALFIELD TYPE, LOW FREQ.				3
EDI Z 165047.92	P 1EU49.20	S 2E 5.2H0.29M	1.0 200	8
EDI NS1650	EU	ED 3.2H0.21ML	1.0 200	8
EDI EW1650	E	E 2.0H0.30ML	1.0 200	8
EBL Z 165048.30	P 1ED50.00	S 2E		11
EAU Z 165050.02	P 2E 53.35	S 3E		22
-1				
261187 LOWNET LN 567 04418.01	12.5	5.0DWR	LROSEWELL, LOTHIAN	1
328.72/ 662.83	0.5 0.5	55.853 -3.139		2
6 8 167 0.06 0.7 0.8 B A*C COALFIELD TYPE				3
EDI Z 004420.16	P IU21.52	S 2E 4.4H0.25M	1.0 200	8
EDI NS0044	IU	E 6.1H0.15ML	1.0 200	8
EDI EW0044	ED	EU 8.0H0.21ML	1.0 200	8
EBL Z 004420.71	P 1E 22.53	S 2EU		11
EAU Z 004422.18	P ID25.30	S 2E		20
-1				
261187 LOWNET LN 567 195816.61	25.0	5.0DWR	LROSEWELL, LOTHIAN	1
328.74/ 662.79	0.2 1.1	55.853 -3.138		2
9 8 121 0.06 0.3 0.3 B A*B COALFIELD TYPE				3
EDI Z 195818.80	P 1ID20.05	S 2E 6.9H0.23M	2.5 200	8
EDI NS1958	ED	E 4.5H0.30ML	2.5 200	8
EDI EW1958	EU	EU12.5H0.20ML	2.5 200	8
EBL Z 195819.29	P ID21.19	S 2E		11
EAU Z 195820.85	P ID23.96	S 3E		20
ESY Z 195823.20	P 2EU			34
EBH Z 195826.10	P 2EU32.71	S 3E		50
-1				
271187 LOWNET LN 567 134137.43	12.5	5.0DWR	LROSEWELL, LOTHIAN	1
330.26/ 663.02	1.2 1.0	55.855 -3.114		2
8 9 113 0.09 0.6 1.0 B A*B COALFIELD TYPE, LOW FREQ.				3

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EDI Z 134139.67	P	IU41.24	S 2E	8.3H0.30M	2.5	200	9
EDI NS1341		IU	E	3.7H0.65ML	2.5	200	9
EDI EW1341		E	IU	7.0H0.20ML	2.5	200	9
EBL Z 134139.94	P	ID41.60	S 2EU				10
EAU Z 134141.71	P	ID					21
ESY Z 134143.40	P	2E 49.71	S 3E				32
EBH Z 134146.98	P	2E 53.50	S 3E				50
-1							
281187 NORTH SEA			5.0BS	NORTH SEA			1
124622.08			5.0 2.9	59.479	2.132	2	
23199 171 0.42	1.9	2.8 D C*D					3
FOO Z 124703.60	P	1E 31.00	S 2E				285
FOO NS1247			12.2H0.12ML	01.0	200		285
FOO EW1247			13.2H0.11ML	01.0	200		285
FRO Z 124704.80	P	1E 33.80	S 2E				295
LRW Z 124655.10	P	1ED73.62	S 2E				200
LRW NS1246			06.5H0.13ML	02.5	200		200
LRW EW1246			06.5H0.11ML	02.5	200		200
SAN Z 124652.30	P	1E 73.30	S 3E				199
WAL Z 124656.80	P	2E					227
YEL Z 124653.70	P	1E 78.30	S 2E				216
SUE Z 124656.30	P	1E 80.70	S 3E				228
HYA Z 124704.50	P	1E 30.70	S 4E				293
BER Z 124653.50	P	1E 74.40	S 3E				205
KMY Z 124652.50	P	4E 71.30	S 4E				180
ASK Z 124653.30	P	1E 74.40	S 3E				204
MCD Z 1247		51.80	S 3E				379
MCD NS1247			03.5H0.10ML	01.0	200		379
MCD EW1247			04.0H0.08ML	01.0	200		379
MME Z 124715.40	P	1E 52.70	S 3E				383
MVH Z 1247		56.80	S 3E				405
MLA Z 1247		43.50	S 3E				343
-1							
291187 LEIC/BIRM			12.5	5.0ADS	LMOSSLEY, LANCASHIRE	1	
202042.75	406.65/	406.62	7.1 1.1	53.556	-1.900	2	
5 20 288 0.09	2.3	3.8 C B*D					3
BBR Z 202058.56	P	2E 70.88	S 4				106
BFR Z 202062.37	P	4E					126
HPK Z 202051.38	P	1E 58.38	S 2				48
HPK NS							48
HPK EW			14.0H0.18ML	0.25	200		48
BMY Z 202049.02	P	1E 53.70	S 1				36
HOY Z 202046.75	P	0IU49.67	S 2				20
CWF NS2020			10.7H0.03ML	0.25	200		99
CWF Z 202057.37	P	2E 68.52	S 3				99
CWF EW			10.9H0.05ML	0.25	200		99
-1							
291187N WALES				5.0RITCHIELW.OF HOLYHEAD, GWYNEDD	1		
223420.23	201.12/	379.23	10.0 1.1	53.272	-4.983	2	
19 27 196 0.10	0.4	0.6 C A*D					3
YRC Z 223425.25	P	1IU28.52	S 2				27
WCB Z 223425.81	P	1IU29.49	S 1				31
WCB NS2234			9.5 H0.07ML	1.0	200		31
WCB EW2234			6.3 H0.09ML	1.0	200		31
WLF Z 223427.00	P	1IU31.44	S 1				39
WME Z 223428.37	P	1IU33.55	S 3				47
YLL Z 223429.91	P	2E 36.35	S 3				56
YRH Z 223429.59	P	2E 35.70	S 2				54
WBR Z 223434.56	P	2E 44.26	S 3				86
WLC Z 223434.89	P	3E 44.51	S 2				86
WLC NS2234			16.5H0.08ML	0.25	200		86
WLC EW2234			7.5 H0.11ML	0.25	200		86
WFB Z 223435.51	P	3E					91
WVR Z 223437.44	P	2E					107
ETA Z 223437.3	P	2IU					104
-1							
021287 KYLE			12.5	5.0SIMPSONLOCH ALSH, HIGHLAND	1		
6 535.62	179.69/	825.58	8.3-0.4	57.268	-5.654	2	
4 8 246 0.22	0.0	0.0 C B*D					3
KPL Z 0605 37.75	P	1E 39.75	S 3E				8
KPL NS0605			06.5H0.09ML	0.25	200		8
KPL EW0605			07.9H0.09ML	0.25	200		8
KSB Z 0605 39.00	P	1E 40.70	S 3E				15
-1							
021287 CORNWALL			12.5	5.0ABW	LWEST OF SCILLY ISLES	1	
101724.91	-2.09/	31.49	6.0 2.6	50.047	-7.618	2	
5146 358 0.24	9.8	0.9 D D*D					3
CPZ Z 101747.92	P	1EU					146
CCO Z 101751.95	P	1E					174
CCA Z 101752.17	P	1EU					172
CR2 Z 101752.52	P	2E 72.50	S 2				176
CR2 NS1017			6.6 H0.12ML	2.5	200		176
CR2 EW1017			7.1 H0.10ML	2.5	200		176

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-1									
031287N WALES									5.0RITCHIELLLEYN AFTERSHOCK
9	824.69	238.42/	342.68	23.9	0.9		52.957	-4.406	1
21	3 106 0.11	0.4	0.6 B A*B						2
YRE	Z 090828.45		P 1ID31.27	S 1					3
YLL	Z 090830.23		P 1EU34.15	S 2					26
WLF	Z 090831.70		P 2E 36.21	S 3					37
YRC	Z 090831.83		P 3E 35.97	S 3					35
WCB	Z 090833.64		P 3E 39.30	S 2					48
WCB	NS0908				4.8 H0.08ML		0.25	200	48
WCB	EW0908				9.0 H0.08ML		0.25	200	48
YRH	Z 090829.76		P 0IU33.21	S 1					20
WST	Z 090830.82		P 3E 34.83	S 2					28
WBR	Z 090831.32		P 3E 36.34	S 2					36
WFB	Z 090832.10		P 3E 36.51	S 3					39
WLC	Z 090832.55		P 1IU37.96	S 1					42
WLC	NS0908				19.0H0.12ML		0.25	200	42
WLC	EW0908				19.5H0.10ML		0.25	200	42
WVR	Z 090834.53		P 3E						57
-1									
031287KYLE									5.0SIMPSONLLOCH MORAR,HIGHLAND
155245.50	183.79/	789.86	1.4	0.6		56.950	-5.556	1	
5 30 337 0.16	10.9	9.5 D D*D							2
KPL	Z 1552 53.50		P 1E 59.60	S 3E					3
KPL	NS1552				04.0H0.15ML		0.25	200	44
KPL	EW1552				05.8H0.10ML		0.25	200	44
KSB	Z 1552 51.25		P 1E 54.70	S 3E					30
KAC	Z 1552 56.91		P 1E						63
-1									
031287KYLE									5.0SIMPSONLBENBECULA,W.ISLES
16 114.90	60.54/	849.07	20.0	1.3		57.405	-7.654	1	
4121 352 0.20	0.0	0.0 C B*D							2
KPL	Z 1601 33.70		P 1E 47.40	S 3E					3
KPL	NS1601				03.7H0.11ML		0.25	200	121
KPL	EW1601				08.0H0.13ML		0.25	200	121
KAC	Z 1601 36.90		P 1E 51.70	S 3E					142
-1									
031287HEREFORD									5.0IMI LSE BRIDGWATER,SOMERSET
HF 444			12.5		5.0IMI		51.061	-2.785	1
203339.64	345.01/	129.43	6.3	2.1					2
10 64 328 0.08	2.2	4.3 C B*D							3
HGH	Z 203350.49		P 1E						64
MCH	Z 203356.84		P 1E 69.42	S 1					105
MCH	NS2033				12.0H0.07ML		1.00	200	105
MCH	EW2033				18.5H0.12ML		1.00	200	105
HAE	Z 203357.56		P 2E 70.78	S 2					110
HTR	Z 203359.00		P 1E 72.87	S 3					118
HCG	Z 203364.51		P 1E						153
HLM	Z 203364.80		P 3E 84.30	S 2					162
-1									
051287LOWNET									LROSEWELL,LOTHIAN
LN 568	1006		12.5		5.0DWR				1
74437.08	328.66/	663.21	2.9	1.3		3+	55.857	-3.140	2
8 8 119 0.06	0.3	1.3 B A*B COALFIELD	TYPE,FELT			ROSLIN			3
EDI	Z 074438.90		P ID40.11	S 2E 12.9H0.22M			2.5	200	8
EDI	NS0744			ID	E 12.4H0.21ML		2.5	200	8
EDI	EW0744			EU	EU19.2H0.20ML		2.5	200	8
EBL	Z 074439.36		P ID41.15	S 2EU					11
EAU	Z 074440.90		P ID44.03	S 4E					20
ESY	Z 074443.28		P 2E						34
EBH	Z 074446.02		P 1IU52.11	S 2ED					49
ELO	Z 074450.60		P 2E						77
EDU	Z 074450.62		P 2E						77
EAB	Z 074451.20		P 3E						84
-1									
051287WALES									LMANCHESTER
102258.50	401.63/	399.22	12.5	5.0					1
31 27 108 0.20	0.7	1.9 C B*C FELT	OVER WIDE AREA OF		4+	53.489	-1.975	2	
WLF	Z 102323.65		P 2E 43.0	S 3					3
YLL	Z 102322.35		P 1ID40.0	S 2					163
WLC	Z 102319.95		P 1IU35.3	S 2					151
WLC	NS1023				12.0H0.15ML		2.5	200	133
WLC	EW1023				8.1 H0.21ML		2.5	200	133
WVR	Z 102320.09		P 1IU35.22	S 2					134
SBD	Z 102316.03		P 1I 29.13	S 2					108
HLM	Z 102318.38		P 1I 33.14	S 2					124
HOY	Z 102303.47		P 1IU07.96	S 3					27
BMY	Z 102306.00		P ID10.92	S 3					44
HPK	Z 102308.24		P 1EU15.12	S 2					57
BUR	Z 102309.91		P 1EU						66
CWF	Z 102313.95		P 2E 25.31	S 2					95
CWF	NS1023				12.3H0.10ML		2.50	200	95
CWF	EW1023				9.5H0.12ML		2.50	200	95
WCB	Z 102325.11		P 2E 44.1	S 2					172
WCB	NS1023				14.6H0.15ML		1.0	200	172

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WCB EW1023				12.5H0.15ML	1.0	200	172
YRC Z 102325.44	P 2E 45.85	S 3					175
YRE Z 102325.25	P 1IU45.57	S 3					173
WPM Z 102319.72	P 2E 34.8	S 2					131
WBR Z 102322.0	P 1IU38.89	S 2					146
-1							
051287 HEREFORD		12.5	5.0IMI	LMANCHESTER	1		
164722.36	403.17/ 400.71	7.7 2.1		53.503 -1.952	2		
28 25 127 0.31	0.9 1.9 C C*C	POSSIBLE A/S OF EVENT @	10:23 GMT ON 05-12-87	3			
HOY Z 164727.12	P 1IU30.09	S 2					25
BMY Z 164729.69	P ID34.70	S 3					42
HPK Z 164732.01	P 1E 38.88	S 1					55
HPK NS1647			34.5H0.10ML	1.00 200	55		
HPK EW1647			23.0H0.11ML	1.00 200	55		
CWF Z 164737.88	P 2E 49.61	S 1					95
CWF NS1647			8.0H0.12ML	1.00 200	95		
CWF EW1647			11.5H0.11ML	1.00 200	95		
BBR Z 164739.17	P 2 51.41	S 3					100
SBD Z 164739.72	P 1E 52.78	S 1					110
HLM Z 164742.89	P 2E 57.00	S 2					126
HAE Z 164748.96	P IU67.96	S 3					168
HCG Z 164749.78	P 1E						174
MCH Z 164750.55	P 3E 71.42	S 1					182
MCH NS1647			21.0H0.10ML	0.25 200	182		
MCH EW1647			24.0H0.13ML	0.25 200	182		
HGH Z 164754.76	P 3E						215
WLC Z 164743.9	P 1ID59.41	S 2					135
WVR Z 164743.85	P 2E 59.23	S 3					136
WBR Z 164745.82	P 3E 63.0	S 3					148
WFB Z 164748.49	P 3E 67.47	S 3					167
-1							
061287 HEREFORD		12.5	5.0IMI	LSE BRIDGWATER, SOMERSET1	1		
02058.38	338.50/ 130.58	2.0 1.5		51.071 -2.878	2		
10 63 327 0.15	12.8 9.8 D D*D				3		
HGH Z 002109.41	P 1EU18.06	S 3					63
MCH Z 002115.57	P 2E 28.21	S 1					104
MCH NS0021			10.5H0.09ML	0.25 200	104		
MCH EW0021			16.5H0.12ML	0.25 200	104		
HAE Z 002116.79	P 1E 30.05	S 2					110
HTR Z 002117.70	P 2E 31.64	S 3					115
HCG Z 002123.09	P 3E 40.49	S 3					149
-1							
071287 LOWNET	LN 568 1846	12.5	5.0DWR	LROSEWELL, LOTHIAN	1		
20 229.45	328.57/ 662.79	1.6 0.1		55.853 -3.141	2		
6 8 165 0.14	0.9 1.2 B A*C COALFIELD TYPE				3		
EDI Z 200231.40	P IU32.92	S 1EU	7.4H0.30M	0.25 200	8		
EDI NS2002	IU		EU 4.3H0.60ML	0.25 200	8		
EDI EW2002	E		EU 3.6H0.5 ML	0.25 200	8		
EBL Z 200232.14	P 1ED33.50	S 2E					11
EAU Z 200233.50	P 2E 36.39	S 3E					20
-1							
081287 KYLE			5.0SIMPSONLSHIEL	BRIDGE, HIGHLAND	1		
16 539.92	194.42/ 819.53	1.2-0.3		57.220 -5.405	2		
4 2 210 0.13	0.0 0.0 C A*D				3		
KPL Z 1605 44.13	P 1ED 50.19	S 3EU					20
KPL NS1605			05.0H0.10ML	0.25 200	20		
KPL EW1605			03.7H0.10ML	0.25 200	20		
KSB Z 1605 40.40	P 1E						2
KAC Z 1605 46.40	P 1ED 49.42	S 3EU					32
-1							
101287	340		5.0SIMPSONLSOUTH	MORAR, HIGHLAND	1		
122155.29	183.84/ 784.75	18.0 1.2		56.904 -5.550	2		
5 35 340 0.12	2.1 2.7 C B*D				3		
KPL Z 1222 04.09	P 1ED 09.99	S 3EU					49
KPL NS1222			07.0H0.11ML	01.0 200	49		
KPL EW1222			03.0H0.10ML	01.0 200	49		
KSB Z 1222 01.89	P II 06.40	S 3ED					35
KAC Z 1222 07.54	P 1ED 09.60	S 3ED					68
-1							
121287 LOWNET	LN 569	12.5	5.0DDG	LLASSWADE, LOTHIAN	1		
142843.10	331.91/ 664.63	0.3 1.3		3+ 55.870 -3.088	2		
7 9 112 0.04	0.3 0.5 B A*B COALFIELD TYPE, FELT				3		
EDI Z 142845.26	P ID46.77	S 1ID	9.0H0.21M	2.5 200	9		
EDI NS1428			10.0H0.24ML	2.5 200	9		
EDI EW1428			10.1H0.38ML	2.5 200	9		
EBL Z 142845.87	P 1ED47.90	S 1ID					11
EAU Z 142847.85	P 1IU49.91	S 3EU					23
ESY Z 142849.07	P 1ED						30
EBH Z 142852.53	P 2ED						50
EDU Z 142856.52	P 3E						76
-1							
121287 MORAY		12.5	5.0	LULLAPOOL, HIGHLAND	1		
223734.56	208.64/ 900.23	7.1 1.7		57.950 -5.234	2		

Table 5 (cont'd)

PHASE DATA : 1987

KPL NS1404				05.5H0.09ML	0.25	200	36
KPL EW1404				04.0H0.09ML	0.25	200	36
KSB Z 1404 37.10	P 1ED 40.00	S 3E					22
KAC Z 1404 42.80	P 2E						55
-1							
171287 LOWNET	LN 570	527	12.5	5.0DWR	LROSEWELL, LOTHIAN	1	
2316 2.49	328.60/ 661.94	0.1 0.6		55.845	-3.140	2	
8 9 127 0.06	0.3	0.4 B A*B COALFIELD TYPE					3
EDI Z 231604.73	P EU06.30	S 3E	6.8H0.28M	1.0	200	9	
EDI NS2316	IU	E	3.3H0.6 ML	1.0	200	9	
EDI EW2316	ED	EU	6.1H0.20ML	1.0	200	9	
EBL Z 231605.01	P ED06.80	S 2ED					10
EAU Z 231606.80	P ID09.71	S 3E					20
ESY Z 231609.18	P 3E						34
EBH Z 231612.08	P 2E						50
-1							
181287N WALES				5.0RITCHIELLEYN AFTERSHOCK	1		
235254.28	239.39/ 343.36	23.8 1.0		52.963	-4.392	2	
25 3 85 0.09	0.3	0.5 A A*A					3
YRE Z 235258.01	P 1ID60.80	S 2					3
YLL Z 235259.78	P 1IU63.55	S 2					25
WLF Z 235261.20	P 2E 65.99	S 2					36
WPM Z 235262.66	P 1IU68.30	S 3					46
WME Z 235262.92	P 2E 68.72	S 3					49
WCB Z 235263.03	P 2E 68.55	S 1					47
WCB NS2352			9.5 H0.06ML	0.25	200	47	
WCB EW2352			12.5H0.05ML	0.25	200	47	
YRC Z 235261.00	P 2ED65.72	S 2					34
YRH Z 235259.51	P 1IU62.98	S 2					22
WST Z 235260.20	P 2IU64.11	S 3					27
WBR Z 235261.10	P 2E 65.84	S 2					36
WFB Z 235261.67	P 2E 66.60	S 3					39
WLC Z 235262.07	P 1IU67.40	S 1					41
WLC NS2352			9.0 H0.12ML	1.0	200	41	
WLC EW2352			3.5 H0.15ML	1.0	200	41	
WVR Z 235263.89	P 3E 69.80	S 3					56
-1							
201287MORAY, KYLE			12.5	5.0SIMPSNLULLAPOOL, HIGHLAND	1		
03150.09	211.56/ 898.42	8.4 1.3		57.935	-5.183	2	
11 49 226 0.32	2.9	4.6 D C*D					3
KPL Z 0031 62.21	P 2E 70.30	S 3EU					72
KPL NS0031			03.5H0.08ML	01.0	200	72	
KPL EW0031			02.5H0.10ML	01.0	200	72	
KAC Z 0031 58.61	P 1ED 64.31	S 3E					49
MCD Z 0031 70.15	P 1ED 84.50	S 3ED					121
MCD EW0031			03.0H0.10ML	01.0	200	121	
MDO Z 0031 62.60	P 1EU						74
ELO Z 003221.2	P 3E 43.3	S 3E					186
MVH Z 0031 59.90	P 1EU 66.50	S 3ED					59
MLA Z 0031 68.80	P 1EU 81.70	S 3E					115
EDU Z 003223.8	P 2E						203
EAB Z 003223.9	P 3E 47.2	S 3E					201
EBH Z 003226.3	P 3E						214
-1							
201287KYLE, MORAY				5.0SIMPSNLULLAPOOL, HIGHLAND	1		
1828 3.95	209.72/ 899.11	8.0 1.5		57.941	-5.215	2	
7 49 244 0.09	1.4	2.2 C B*D					3
KPL Z 1828 20.50	P 4ED 28.20	S 4EU					72
KPL NS1828			07.0H0.19ML	0.25	200	72	
KPL EW1828			07.0H0.19ML	0.25	200	72	
KAC Z 1828 12.50	P 2ED 18.50	S 3ED					49
MCD Z 1828 24.05	P 2EU 38.50	S 4ED					123
MCD NS1828			03.2H0.10ML	01.0	200	123	
MCD EW1828			04.5H0.09ML	01.0	200	123	
MDO Z 1828 16.53	P 1ED						75
MVH Z 1828 14.20	P 2E 21.00	S 4ED					61
MLA Z 1828 22.85	P 2ED 35.80	S 3ED					116
ELO Z 182834.7	P 2E 57.1	S 3E					187
EAB Z 182837.1	P 3E 60.8	S 3E					202
EDU Z 182837.6	P 3E 62.0	S 3E					204
EBH Z 182839.5	P 3E 62.9	S 3E					215
-1							
221287HEREFORD	HF446		12.5	5.0IMI	LASHBOURNE, DERBYSHIRE	1	
63346.92	420.88/ 350.96	12.3 2.2		53.055	-1.688	2	
21 44 138 0.17	0.7	1.6 C B*C					3
BBR Z 063355.91	P 2E						50
BZO Z 063357.89	P 2E 65.17	S 3					66
BFR Z 063359.06	P 2E						74
HLM Z 063363.30	P 1E 75.15	S 3					101
SBD Z 063364.34	P 1ED76.49	S 3					107
HAE Z 063367.27	P 2E 81.90	S 3					127
MCH Z 063369.75	P 2E 87.20	S 1					148
MCH NS0633			13.0H0.10ML	0.25	200	148	

PHASE DATA : 1987

MCH EW0633					15.5H0.10ML		0.25	200	148
HTR Z 063370.72	P 3E	88.67	S 3						153
HCG Z 063371.76	P 3E	89.22	S 3						156
CWF Z 063354.68	P 0I	59.97	S 2						44
HOY Z 063357.01	P 1	64.13	S 3						60
HPK Z 063363.42	P 0IU74.90		S 3						100
HPK NS0633				12.5H0.14ML		2.50	200	100	
HPK EW0633				12.1H0.20ML		2.50	200	100	
-1									
221287 LOWNET	LN 570	2177	12.5	5.0DWR	LROSEWELL, LOTHIAN		1		
214220.14	328.72/	662.87	0.7 1.2		2+ 55.854	-3.139	2		
9 8 121 0.09	0.5	0.7 B A B	COALFIELD TYPE, FELT		ROSLIN		3		
EDI Z 214222.29	P ID23.52		S 2E 13.3H0.25M			2.5 200	8		
EDI NS2142	ID		ED12.0H0.16ML			2.5 200	8		
EDI EW2142	IU		EU18.9H0.21ML			2.5 200	8		
EBL Z 214222.73	P ID24.51		S 3E						11
EAU Z 214224.30	P ID27.41		S 3E						20
ESY Z 214226.70	P 2EU								34
EBH Z 214229.44	P 1ED35.71		S 3E						50
ELO Z 214233.91	P 2E 43.50		S 3E						77
EDU Z 214234.09	P 2E 43.70		S 3E						78
EAB Z 214234.78	P 2E								84
-1									
231287 LOWNET	LN 570	2277	12.5	5.0DWR	LROSEWELL, LOTHIAN		1		
15150.42	328.72/	662.26	0.3 1.1		55.848	-3.139	2		
8 9 124 0.05	0.2	0.2 B A*B	COALFIELD TYPE				3		
EDI Z 015152.63	P IU54.19		S 3E 8.8H0.30M			2.5 200	9		
EDI NS0151	IU		ED 3.6H0.7 ML			2.5 200	9		
EDI EW0151	ID		ED 5.9H0.30ML			2.5 200	9		
EBL Z 015152.99	P 1ED54.81		S 3E						10
EAU Z 015154.70	P 1ED57.60		S 3E						20
ESY Z 015156.99	P 2E								34
EBH Z 015159.89	P 2EU								50
-1									
241287 HEREFORD	HF447		12.5	5.0IMI	LBRIDGNORTH, SALOP		1		
185041.89	376.54/	294.75	13.5 0.5		52.550	-2.346	2		
11 8 176 0.20	1.8	1.6 C B*C					3		
HLM Z 185048.72	P 1E 53.31		S 2						37
HAE Z 185052.02	P 2E								59
MCH Z 185054.12	P 3E 63.52		S 2						76
MCH NS1850				5.5H0.07ML		0.25	200	76	
MCH EW1850				5.0H0.08ML		0.25	200	76	
HTR Z 185055.26	P 3E								82
BSE Z 185044.98	P 1IU46.47		S 3						8
BZO Z 185046.45	P 3E 48.54		S 3	5.4H0.15ML		0.25	200	18	
BBR Z 185048.77	P 1IU								39
-1									
291287 MORAY, KYLE			12.5	5.0SIMPSNLOCH TORRIDON, HIGHLAND1					
3 5 5.81	179.70/	859.18	4.2 1.1		57.569	-5.684	2		
6 24 293 0.04	0.6	0.7 C A*D					3		
MCD Z 0305 28.10	P 2E	46.20	S 3ED						145
MCD NS0305				01.5H0.09ML		01.0	200	145	
MCD EW0305				02.5H0.06ML		01.0	200	145	
MDO Z 0305 20.80	P 1ED	28.50	S 3ED						81
MVH Z 0305 23.20	P 2E	34.40	S 3E						98
KPL Z 0305 10.69	P 1EU	14.20	S 3E						26
KPL NS0305				06.5H0.11ML		01.0	200	26	
KPL EW0305				09.5H0.10ML		01.0	200	26	
KSB Z 0305 13.60	P 1EU	19.10	S 3E						43
KAC Z 0305 10.40	P 1EU	13.80	S 2ED						24
ELO Z 030534.1	P 3E	53.5	S 3E 3.2H0.10M						171
EAB Z 030534.6	P 3E	54.4	S 3E						174
EBH Z 030536.8	P 3E	60.7	S 3E						198
EDU Z 030538.4	P 3E								198
-1									

TABLE 6 Typical depth / crustal velocity model for Britain

Depth to top of layer (km)	P-wave velocity (km/s)
0.0	4.0
2.52	5.9
7.55	6.45
18.87	7.0
34.15	8.0

$$V_p/V_s = 1.73$$

KEY TO SYMBOLS

DEPTHS (kms)



< 50



50 ≤ AND < 99



99 ≤

MAGNITUDE

(Symbol Radius)

< 1.0

1.0 ≤ AND < 2.0

2.0 ≤ AND < 3.0

3.0 ≤ AND < 4.0

4.0 ≤ AND < 5.0

5.0 ≤

KEY TO EPICENTRE MAPS, FIGURES 3 TO 6.

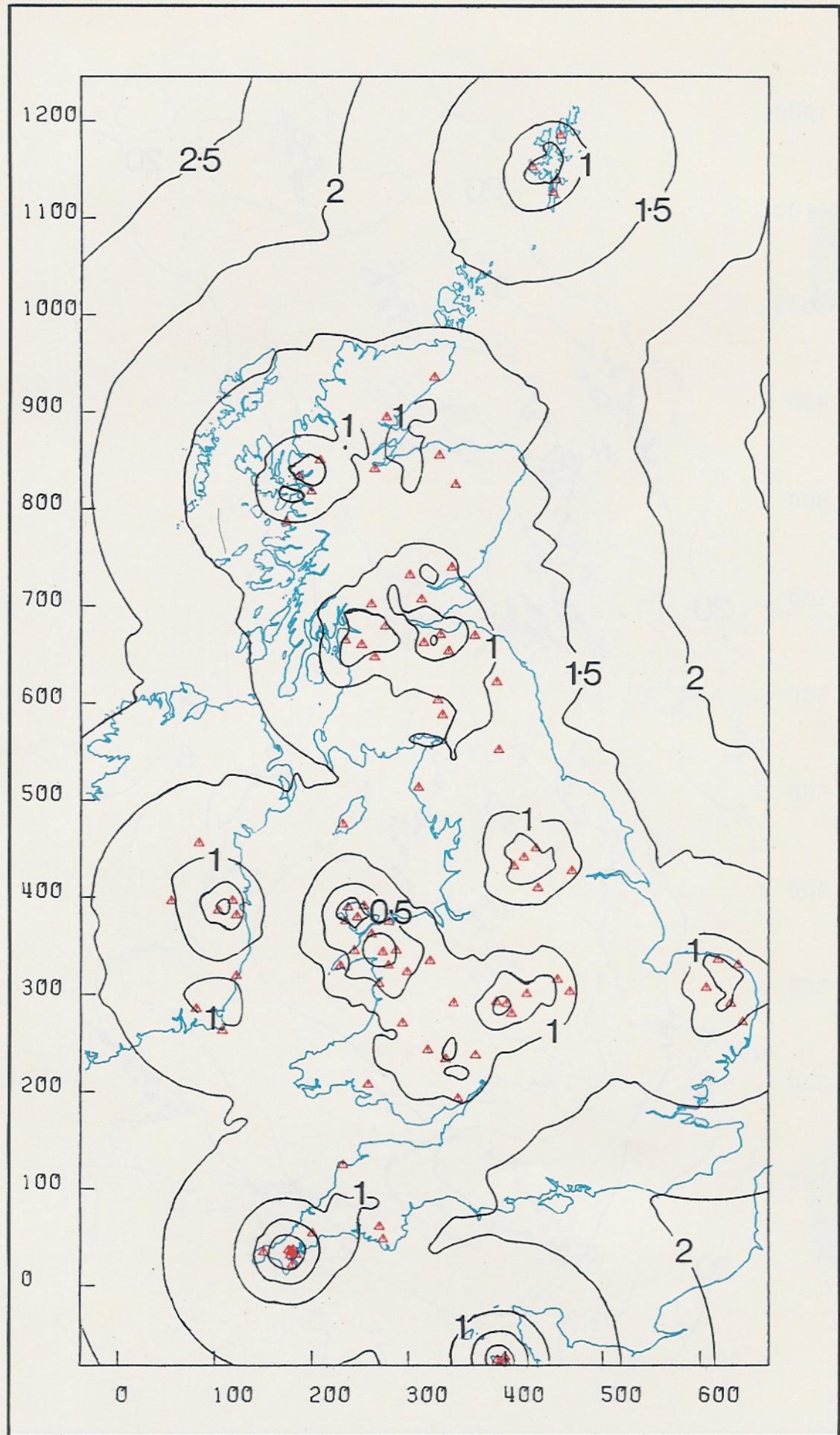


Fig.1 : BGS and DIAS seismographs (Δ) 1987, and their detection capabilities for magnitudes in 0.5ML steps, with average noise conditions

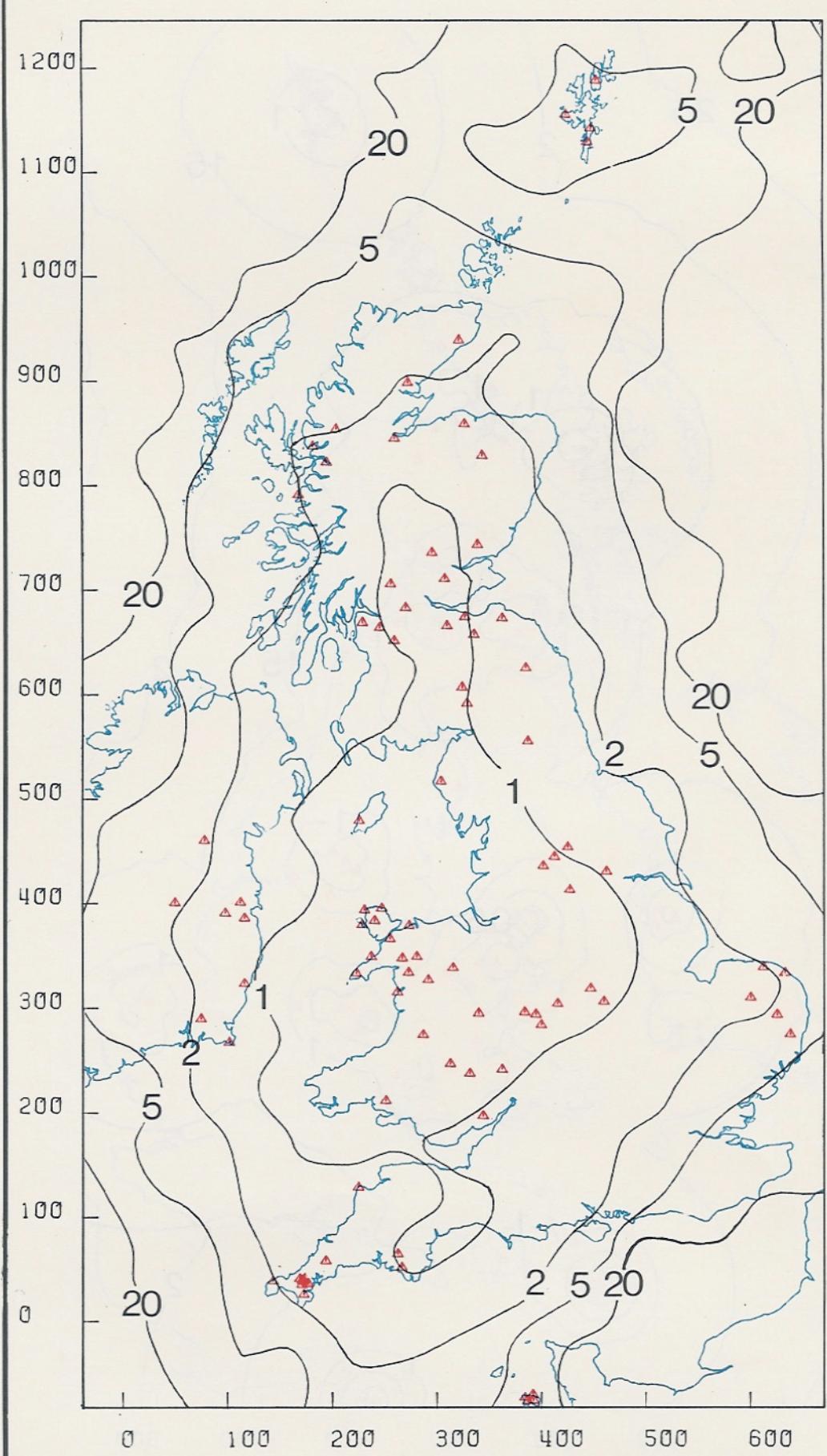


Fig.2 : Theoretical epicentral location errors in km
for a magnitude 2.0ML earthquake

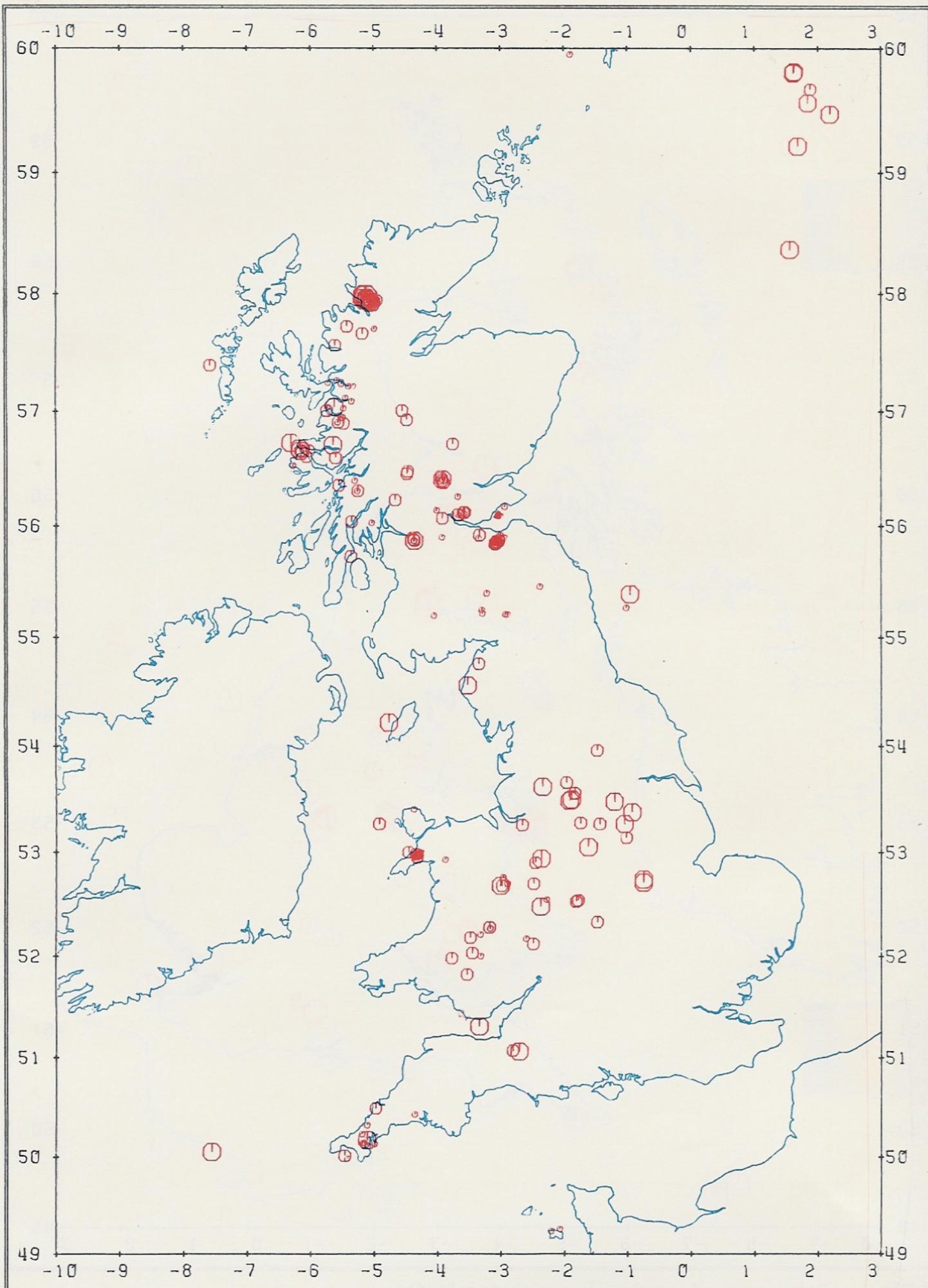


Fig.3 : Epicentres of all earthquakes, 1987

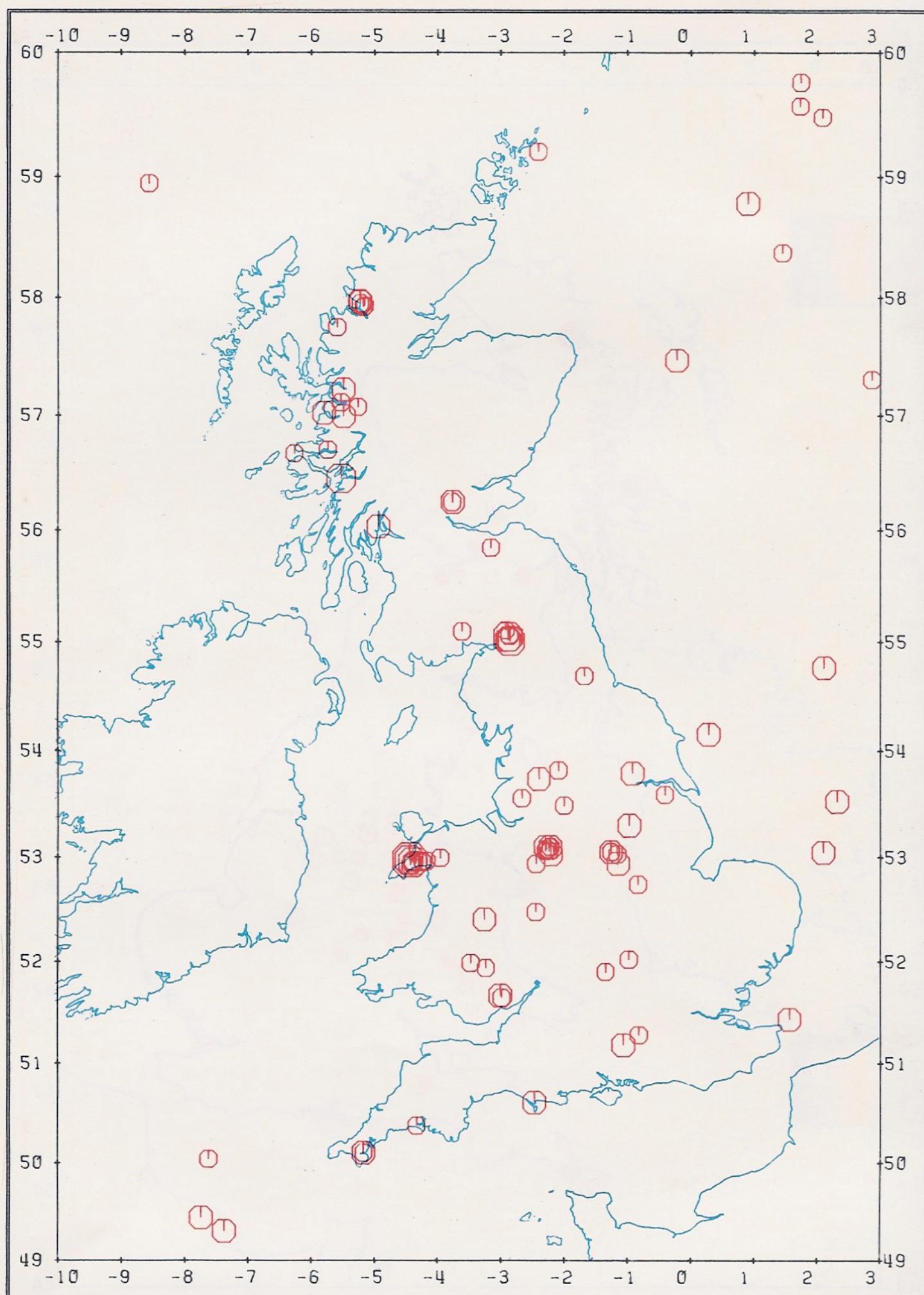


Fig.4 : Epicentres of earthquakes with magnitudes
2.5ML or greater, 1979-87

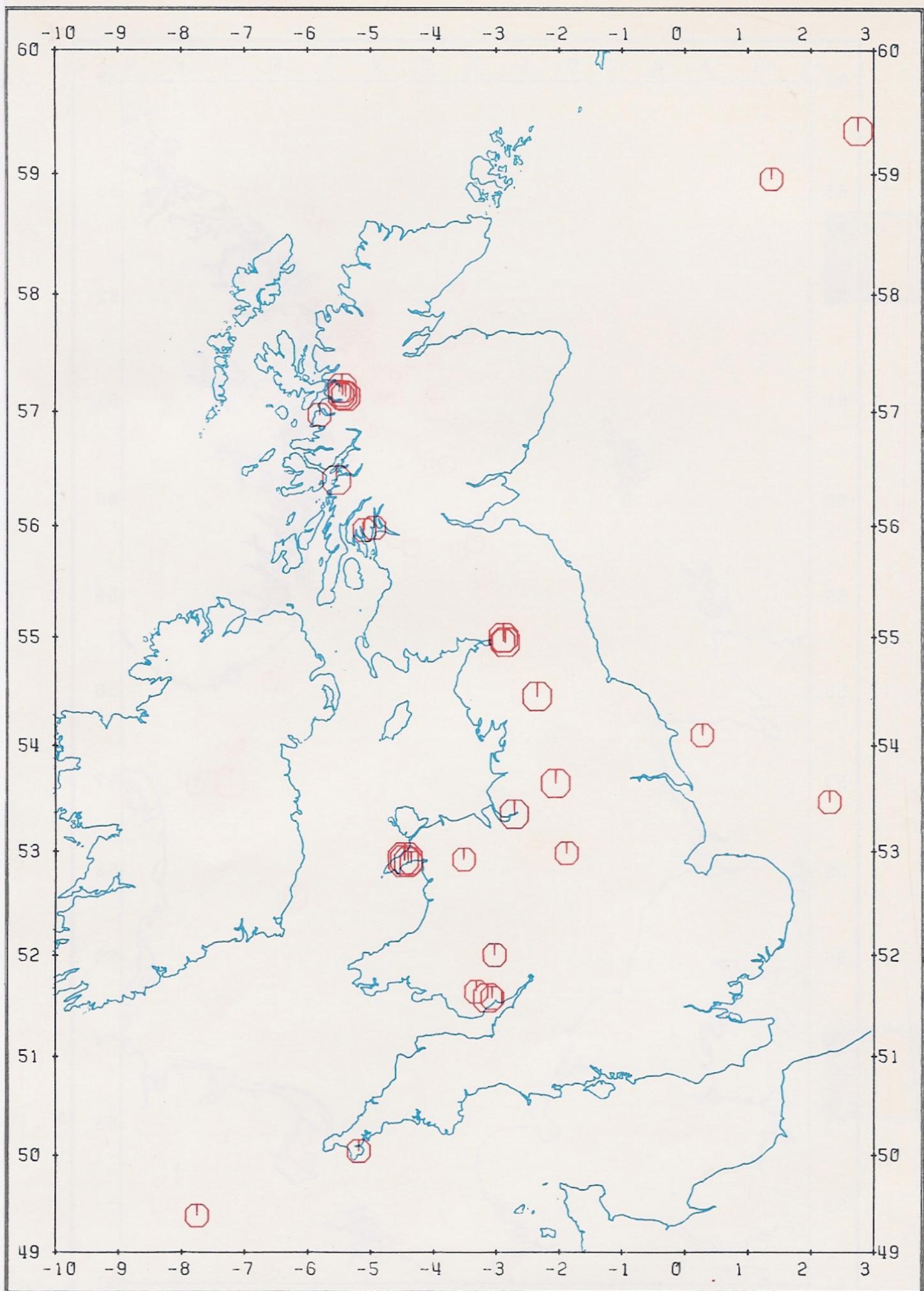


Fig.5 : Epicentres of earthquakes with magnitudes
3.5ML or greater, 1969-87

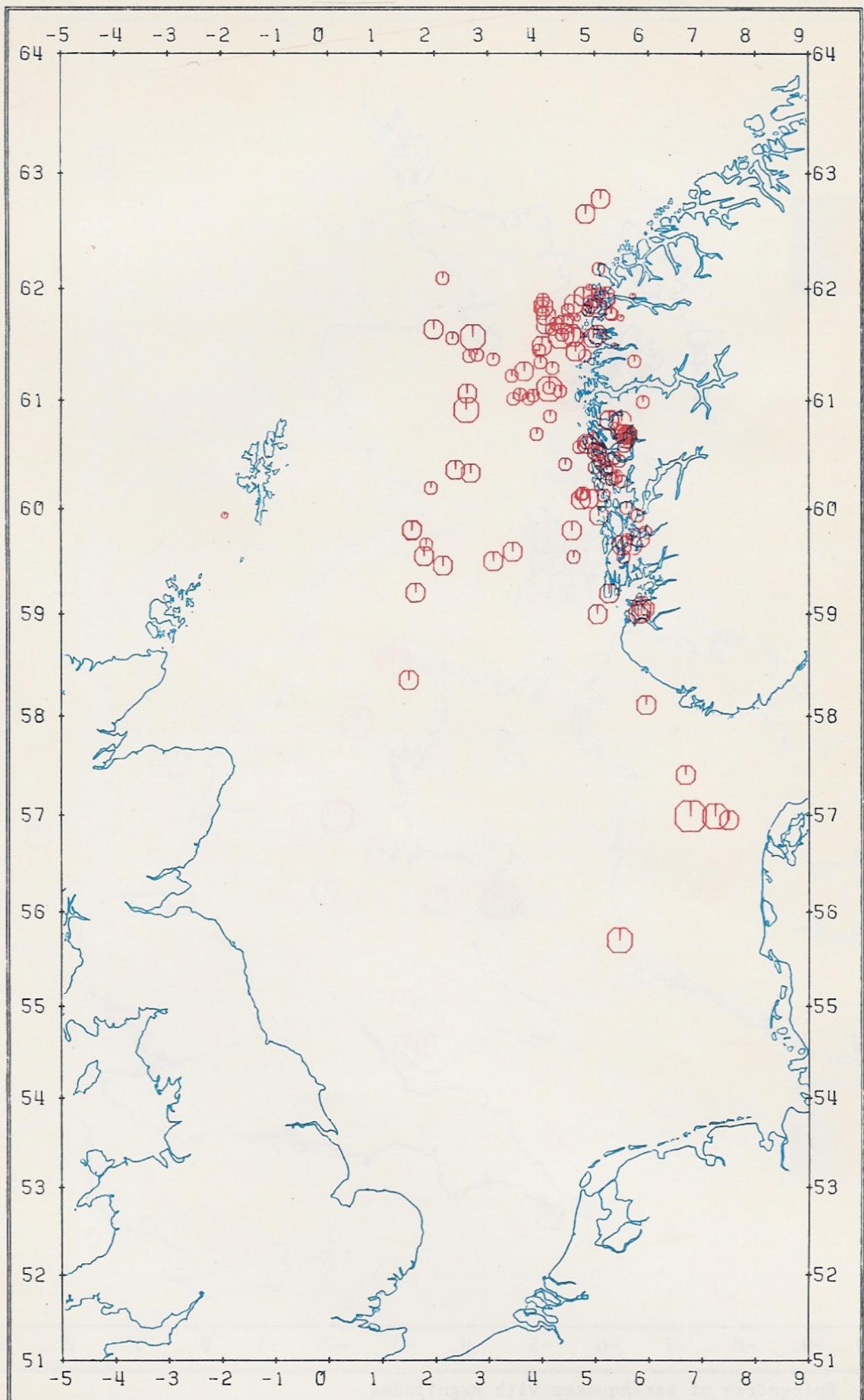
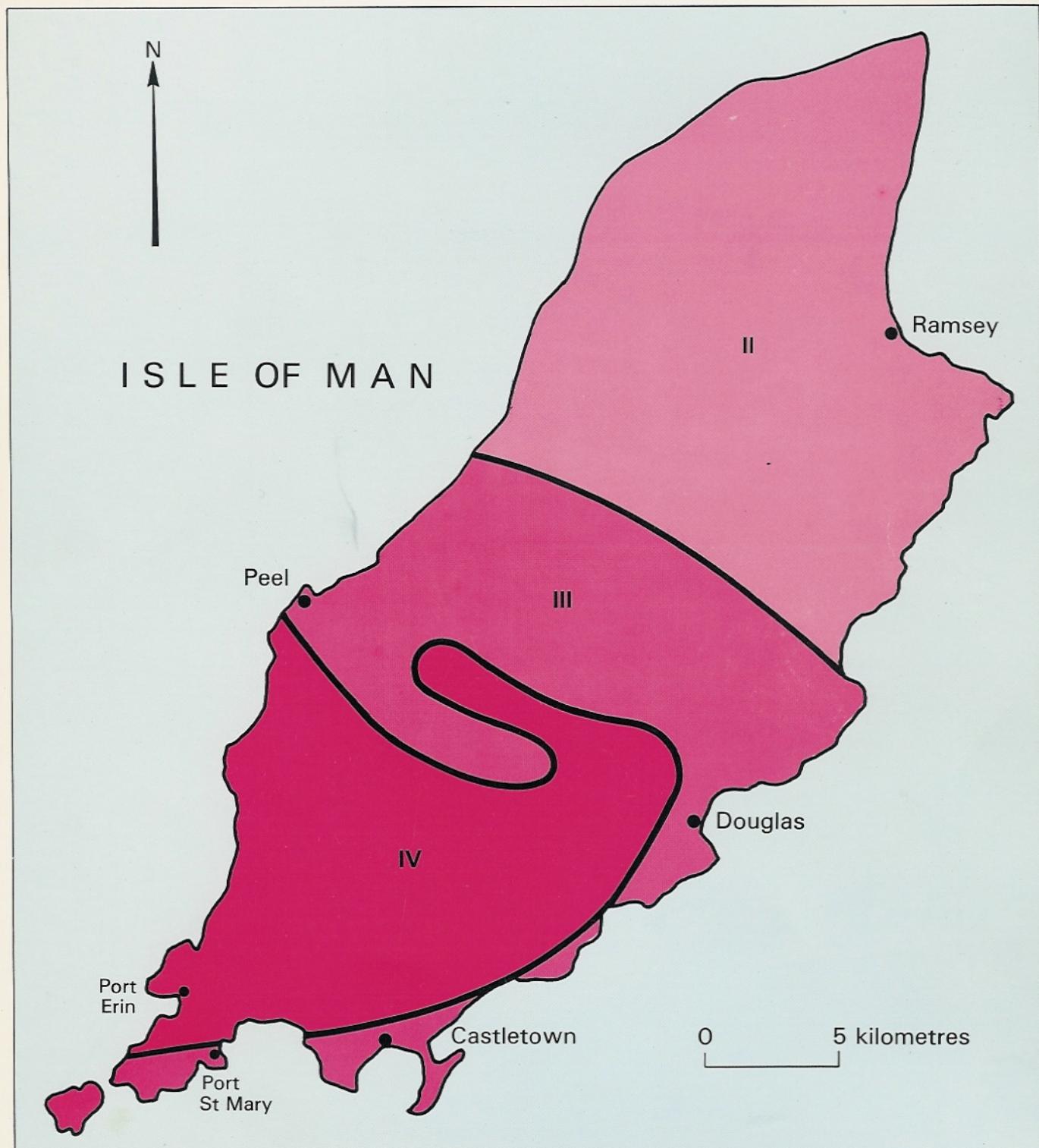


Fig.6 : Epicentres in the North Sea, 1987



Isle of Man Earthquake 9 November 1987 01:33 GMT (2.3 ML) -MSK INTENSITIES