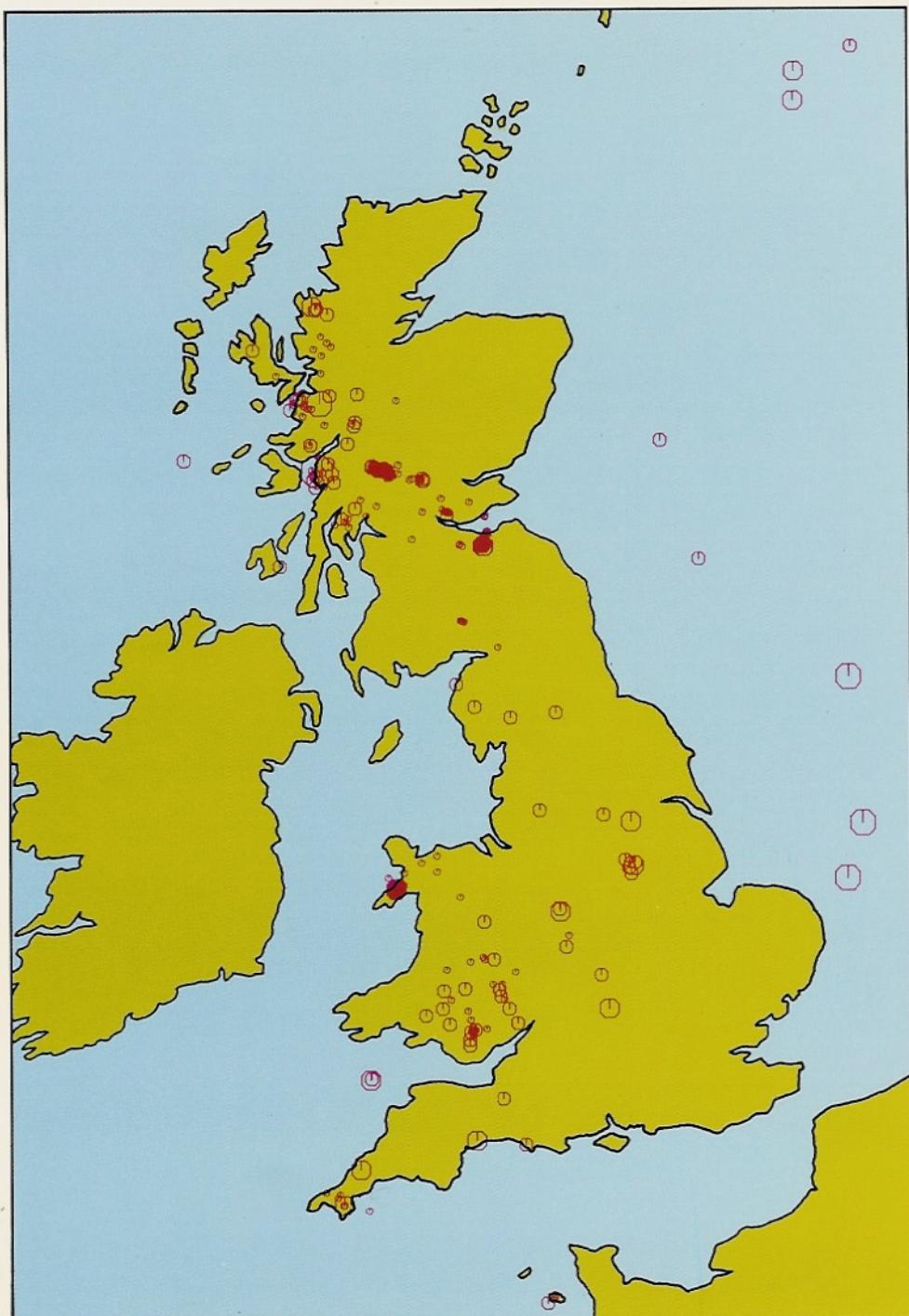


BRITISH GEOLOGICAL SURVEY



**BULLETIN OF BRITISH EARTHQUAKES
1986**



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Bulletin of British earthquakes 1986

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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 1986. 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, 1986, by Marrow et al (1987).

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 and 1987).

1.2 Summary of 1986 seismicity

Aftershocks of the 5.4 ML earthquake on the Lleyn Peninsula, North Wales, in 1984 continued with 32 events in 1986. The largest had a magnitude of 2.7 ML and several were felt.

Mining induced seismicity in the Midlothian coalfield was prominent with 191 catalogued events, the biggest 2.8 ML, was felt at intensity 4. Two smaller events registered intensity 5.

The largest event of the year on land, occurred on 29 September near Oban with an intensity of 5 and a magnitude of 4.2 ML. Two foreshocks on the preceding day, and 3 of the 7 recorded aftershocks, were felt.

At Constantine in Cornwall, the scene of intense seismic activity in 1981, a magnitude 2.9 ML earthquake on 2 September was preceded by 10 foreshocks and followed by 8 aftershocks.

A swarm of seismic activity with no significant single event, occurred at Crianlarich, Scotland, between 7 and 19 September. Twenty-eight events were recorded with the largest, 1.9 ML, occurring during the most prolific time on the 9th. Knoydart, on the west coast of Scotland, experienced a small swarm of 9 events, the biggest being 1.6 ML, between 25 March and 12 April. These are in the same area as the Mallaig earthquake of 1 December 1985 and could be interpreted as aftershocks. The west coast of Scotland, in general was a relatively active area with felt events at Poolewe (2.5 ML) on 4 January and Loch Nevis (3.0 ML) on 30 January; many smaller events occurred in the region between Oban and Ullapool.

Offshore, on 19 September, a magnitude 3.7 ML event occurred in the North Sea about 100 km east of Grimsby and a 3.1 ML was located NW of Ireland on 19 December.

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 1986 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 1986 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 1986 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 1986.

FIGURE 5: the locations of earthquakes in the UK of magnitude 3.5 ML and above from 1969 to 1986.

FIGURE 6: the locations of earthquakes in the North Sea area in 1986.

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. 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 1979-1986 have been plotted in Figure 4. The data set is considered complete for these magnitudes in all localities. Seismicity for 1969-1986 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 *A₀* is that for a "standard" magnitude zero earthquake at the same distance. The *A₀* 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, *A₀*, 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).

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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Interchange of data with the Dublin Institute of Advanced Studies, the University of Bergen, NORSAR, LDG (France) and other European agencies through the International Seismological Centre, made the location of many of these events possible.

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Table 1

CATALOGUE OF EVENTS : 1986

Listed Chronologically

Date	HrMnSecs	Lat	Lon	KmE	KmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	Q	SQD	Comments...	
020186	221107.4	56.13	-3.98	277.0	694.9	2.7	0.1	STIRLING,CENTRAL REGN	6	23	220	0.09	1.2156.4	D	C*D				
040186	003430.2	57.76	-5.56	188.3	879.7	4.2	2.5	POOLEWE,HIGHLAND	4+	14	33	238	0.29	2.3	2.2	C	B*D	FELT 4MSK GAIRLOCH, 2-3 POOLEWE,O L.MAREE	
040186	005805.1	57.74	-5.49	192.2	877.4	2.6	1.3	POOLEWE,HIGHLAND	2+	6	29	279	0.17	1.8	2.1	C	B*D	A/S, FELT GAIRLOCH	
040186	180211.4	52.96	-4.40	238.9	343.2	24.4	2.0	LLEYN AFTERSHOCK		8	28	301	0.01	0.2	0.2	C	A*D	FELT GWYNEDD	
070186	053955.7	52.97	-4.40	239.2	344.3	23.5	1.3	LLEYN AFTERSHOCK		17	2	154	0.10	0.5	0.6	B	A*C		
070186	193300.5	53.16	-0.98	468.2	363.0	7.6	2.0	EAKRING,NOTTS.		10	52	231	0.85	8.3	10.0	D	D*D		
080186	183951.8	56.39	-4.17	266.3	724.1	2.2	0.8	LOCH EARN,TAYSIDE		9	25	227	0.31	2.0	1.6	D	C*D		
110186	013401.1	52.97	-4.39	239.3	343.7	23.6	1.1	LLEYN AFTERSHOCK		21	3	165	0.07	0.3	0.3	B	A*C		
180186	225802.9	55.85	-3.12	329.9	662.6	0.5	1.6	ROSEWELL,MIDLOTHIAN		8	9	116	0.05	0.3	0.2	B	A*B		
210186	003248.7	52.20	-1.45	437.8	255.6	5.0	1.5	NR STRATFORD,WARWICK		9	46	283	0.29	6.7	15.5	D	D*D		
210186	213825.7	53.19	-4.03	264.1	368.2	12.5	0.9	N. OF BETHESDA,GWYNEDD		21	11	92	0.08	0.2	0.4	B	A*B		
230186	053048.2	50.06	-4.81	199.1	21.9	9.7	0.5	18KM S.DODMAN PT,CORNW		11	24	327	0.03	0.9	4.8	C	B*D		
240186	220422.4	51.26	-4.78	205.8	155.4	3.0	2.3	BRISTOL CHANNEL		18	37	169	0.16	0.8	1.4	C	B*C		
260186	071825.9	50.67	-2.55	361.5	85.9	8.4	1.8	DORCHESTER,DORSET			8102	248	0.10	1.6	2.5	C	B*D		
300186	103256.8	57.00	-5.46	189.7	795.0	11.8	3.0	LOCH NEVIS,HIGHLAND	3+	18	24	200	0.25	1.2	1.8	C	B*D	FELT LOCHAILORT:3MSK, K'LOCH HOURN,K'LOCHEILL	
TO	010286	191344.3	55.86	-3.12	330.1	663.3	1.6	0.6	ROSEWELL,MIDLOTHIAN		8	8	112	0.05	0.3	0.5	B	A*B	
	020286	035338.8	59.30	1.38			0.3	2.3	NORTH SEA		11167	206	1.61	17.4	9.2	D	D*D		
	040286	124958.8	55.86	-3.46	308.8	663.7	6.6	0.7	HARPERRIG RES,LOTHIAN		7	2	130	0.05	0.6	0.4	B	A*B	
	050286	154536.8	56.18	-4.65	235.2	701.5	3.7	0.9	BEN LOMOND,STRATHCLYDE		9	20	232	0.22	2.0	4.7	C	B*D	
	060286	140235.4	56.05	-5.11	206.6	689.1	2.1	0.7	GLÉNDARUEL,STRATHCLYDE		10	32	297	0.15	6.3	5.4	D	D*D	
	080286	175335.7	57.06	-5.31	199.3	801.9	12.0	1.1	KNOYDART,HIGHLAND		17	18	94	0.44	2.4	4.2	C	C*B	
	080286	211520.0	55.88	-3.10	331.2	665.7	1.4	-0.1	LASSWADE,MIDLOTHIAN		6	7	212	0.11	3.6	2.4	D	C*D	
	090286	125509.7	57.73	-5.52	190.7	876.8	3.0	1.5	GAIRLOCH/L.MAREE,HIGHL		9	29	270	0.15	4.3	5.3	D	C*D	
	090286	203343.1	57.02	-4.36	256.5	794.6	8.2	0.9	DALWHINNIE,HIGHLAND		13	73	187	0.57	2.5685.3	D	D*D		
	130286	003912.9	51.71	-3.27	312.4	202.1	0.0	1.5	BARGOED,MID GLAMORGAN		5	37	285	0.18	6.4	5.6	D	D*D	
	130286	103455.6	55.85	-3.12	330.1	662.7	0.3	0.7	ROSEWELL,MIDLOTHIAN		7	9	115	0.06	0.3	0.3	B	A*B	
	130286	211036.6	55.86	-3.12	329.9	663.2	0.2	0.5	ROSEWELL,MIDLOTHIAN		7	8	113	0.04	0.3	0.3	B	A*B	
	140286	163904.9	55.85	-3.42	311.2	662.3	2.4	0.0	HARPERRIG RES,LOTHIAN		6	2	156	0.05	9.8	8.8	D	D*C	
	140286	192141.8	57.08	-5.73	174.3	804.9	7.9	0.1	KNOYDART,HIGHLAND		5	19	212	0.21	7.8	45.7	D	D*D	
	170286	064720.5	52.01	-2.90	337.9	235.1	13.9	1.0	W OF HEREFORD,HER&WOR		4	7	175	0.00			C	A*D	
	170286	064831.4	52.07	-2.92	336.8	241.7	12.3	1.1	W OF HEREFORD,HER&WOR		4	10	150	0.00			C	A*D	
	170286	065604.0	52.07	-2.93	336.3	241.8	8.1	1.3	W OF HEREFORD,HER&WOR		17	9	112	0.28	1.5	3.5	B	B*B	
	180286	131754.8	56.55	-7.42	67.3	753.2	5.0	1.6	S. HEBRIDES, HIGHLAND		6105	343	0.46	39.8	38.6	D	D*D		
	190286	030032.7	57.42	-6.42	134.4	845.1	9.8	1.5	SKYE, HIGHLAND		6	47	326	0.29	9.8	8.0	D	D*D	
	190286	135758.0	50.44	-4.93	191.9	63.7	7.8	2.1	E. OF NEWQUAY,CORNWALL		12	10	170	0.07	0.4	1.7	B	A*C	
	240286	054630.2	52.97	-4.36	241.8	344.1	21.1	0.9	LLEYN AFTERSHOCK		22	5	138	0.13	0.5	0.7	B	A*C	
	250286	085848.6	52.34	-3.00	331.9	271.3	4.1	1.0	KNIGHTON,POWYS		4	38	229	0.71			D	D*D	
	280286	000135.0	55.86	-3.12	329.7	663.1	3.3	0.2	ROSEWELL,LOTHIAN		6	8	180	0.09	0.2	2.2	C	B*C	
	020386	201652.4	55.85	-3.13	329.5	662.8	0.5	0.5	ROSEWELL,LOTHIAN		7	9	117	0.13	0.8	0.7	B	A*B	
	030386	132436.1	52.95	-4.41	238.1	342.3	23.3	1.2	LLEYN AFTERSHOCK		22	3	202	0.08	0.3	0.5	C	A*D	
	060386	053526.0	55.87	-3.09	332.1	664.8	7.5	0.0	LASSWADE,LOTHIAN		6	9	214	0.05	1.0	0.7	C	A*D	
	060386	131841.1	56.84	-5.00	216.8	775.9	7.3	0.8	FORT WILLIAM,HIGHLAND		5	51	197	0.19	0.7	2.0	C	B*D	
	070386	075049.7	55.86	-3.13	329.5	663.1	1.6	1.1	ROSEWELL,LOTHIAN		10	8	116	0.12	0.4	0.7	B	A*B	
	080386	023321.0	55.85	-3.13	329.4	662.5	2.1	0.2	ROSEWELL,LOTHIAN		8	9	119	0.14	0.5	0.9	B	A*B	
	080386	145152.5	55.86	-3.14	328.7	663.1	4.1	1.0	ROSEWELL,LOTHIAN		8	8	119	0.15	0.8	3.9	B	B*B	
	090386	074837.8	55.85	-3.13	329.3	662.4	0.6	1.4	ROSEWELL,LOTHIAN		8	9	120	0.11	0.8	1.2	B	A*B	
	100386	153946.8	56.13	-3.65	297.6	694.8	1.3	0.6	FOREST MILL,FIFE		8	15	125	0.12	0.6	0.9	B	A*C	
	110386	005731.4	52.97	-4.36	241.4	344.3	22.5	0.8	LLEYN AFTERSHOCK		22	4	138	0.25	1.1	1.2	C	B*C	

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Listed Chronologically

Date	HrMnSecs	Lat	Lon	KmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	Q	SQD	Comments . . .	
120386	074520.8	52.97	-4.37	241.1	343.9	22.2	0.8	LLEYN AFTERSHOCK	21	4	144	0.20	0.9	0.9	C	B*C		
120386	210530.6	52.45	-1.96	402.7	283.9	7.0	1.4	BIRMINGHAM,W MIDLANDS	14	16	185	0.09	0.5	0.8	C	A*D		
150386	075012.5	55.86	-3.12	330.0	663.2	2.3	0.2	ROSEWELL,LOTHIAN	5	9	183	0.04	0.3	0.2	C	A*D		
170386	160548.8	55.86	-3.08	329.4	663.9	2.6	0.5	NEWTONGRANGE, LOTHIAN	6	9	124	0.23	2.0388	0.0	C	C*B		
180386	083812.0	55.85	-3.13	329.5	663.0	0.0	0.4	ROSEWELL,LOTHIAN	6	9	177	0.10	24.1	21.1	D	D*C		
190386	214140.4	52.96	-4.40	239.1	342.9	23.4	0.7	LLEYN AFTERSHOCK	24	3	178	0.10	0.4	0.5	B	A*C		
200386	035735.4	57.53	-5.44	194.1	853.7	5.0	0.1	TORRIDON,HIGHLAND	6	9	258	0.07	1.1	3.0	C	B*D		
210386	104054.6	52.96	-4.39	239.6	342.6	20.6	1.1	LLEYN AFTERSHOCK	22	4	174	0.14	0.6	0.6	B	A*C		
210386	162824.8	51.77	-2.66	354.1	207.8	26.7	1.4	NR MONMOUTH,Gwent	5	17	199	0.04	0.7	1.8	C	A*D		
210386	191534.1	52.96	-4.38	240.2	343.3	23.8	1.3	LLEYN AFTERSHOCK	22	4	159	0.08	0.4	0.4	B	A*C		
250386	062418.7	56.96	-5.64	178.8	790.9	2.9	0.5	KNOYDART, HIGHLAND	4	12	225	0.34	D	C*D	AFTERSHOCKS OF 1/12/85 MALLAIG EVENT			
250386	174406.9	57.00	-5.68	176.6	795.7	3.0	0.8	KNOYDART, HIGHLAND	5	13	192	0.50	1.7	0.7	D	C*D		
250386	182854.0	56.98	-5.69	175.6	794.0	1.7	0.6	KNOYDART, HIGHLAND	5	11	196	0.63	35.7	5.6	D	D*D		
260386	041248.6	57.03	-5.76	172.0	799.1	2.9	1.6	KNOYDART, HIGHLAND	10	13	170	0.22	3.4	4.2	C	C*C		
260386	060026.3	56.99	-5.83	167.6	795.1	7.3	0.8	KNOYDART, HIGHLAND	4	8	208	0.26	C	B*D				
260386	172940.7	52.12	-3.02	330.2	247.5	0.6	0.5	WINFORTON, HER & WOR	5	14	169	0.06	0.2	0.5	C	A*D		
260386	195344.8	56.40	-4.13	268.6	725.6	2.3	0.3	LOCH EARN,TAYSIDE	5	27	226	0.09	0.3	0.1	C	A*D		
280386	005829.4	56.83	-5.39	193.1	776.1	2.0	0.9	KNOYDART, HIGHLAND	4	28	286	0.97	D	D*D				
280386	025731.7	60.94	-2.60	23.7	94.0	167	0.17	NORTH SEA	9	55	167	0.17	2.0	3.5	C	B*D		
290386	180712.7	55.85	-3.13	329.1	662.9	2.5	1.1	ROSEWELL,LOTHIAN	7	8	119	0.01	0.1	B	A*B			
310386	015010.0	55.86	-3.10	331.2	663.8	1.5	0.1	LASSWADE,LOTHIAN	5	9	199	0.05	1.0	0.8	C	A*D		
010486	084920.6	52.96	-4.40	238.7	343.3	21.5	1.7	LLEYN AFTERSHOCK	+ 24	3	180	0.15	0.6	0.7	B	A*C	FELT PWLLHELI	
010486	123249.3	55.85	-3.13	329.5	662.8	0.7	1.4	ROSEWELL,LOTHIAN	+ 2+	7	9	118	0.07	0.6	B	A*B	FELT ROSEWELL	
020486	104357.2	57.04	-5.80	169.4	800.7	5.9	1.5	KNOYDART,HIGHLAND	14	14	203	0.58	2.6	2.2	D	D*D	MORE MALLAIG AFTERSHOCKS	
040486	174230.7	55.85	-3.13	329.4	662.9	0.2	0.1	ROSEWELL,LOTHIAN	6	8	175	0.07	14.5	12.6	D	D*C		
060486	101244.5	55.85	-3.12	330.2	662.9	0.6	0.8	ROSEWELL,LOTHIAN	7	9	114	0.03	0.2	0.2	B	A*B		
060486	135234.0	57.01	-5.83	167.4	796.9	6.0	0.8	KNOYDART,HIGHLAND	11	10	211	0.60	12.0	9.0	D	D*D		
060486	221110.8	56.67	-5.62	178.4	759.1	5.0	0.9	STRONTIAN,HIGHLAND	4	30	323	0.41	C	C*D				
100486	222651.6	55.86	-3.11	330.4	663.3	0.5	1.3	ROSEWELL,LOTHIAN	2+	8	9	111	0.09	0.4	B	A*B	FELT BETWEEN ROSEWELL & ST.JOSEPH'S HOSPITAL	
120486	000611.0	57.00	-5.68	176.5	796.2	3.8	0.0	KNOYDART,HIGHLAND	5	13	189	0.13	0.4	0.3	C	A*D		
150486	061737.9	55.84	-3.17	326.6	661.3	0.0	0.4	AUCHENDINNY,LOTHIAN	5	9	140	0.31	0.4	0.6	D	C*D		
150486	162448.0	52.95	-4.41	238.3	342.3	2.7	0.7	LLEYN AFTERSHOCK	+ 22	3	198	0.12	0.5	0.6	C	A*D	FELT PWLLHELI,PORTHMADOG, BLAENAU FESTINIOG	
160486	162357.6	57.07	-4.92	223.1	802.0	0.0	1.0	GLEN GARRY,HIGHLAND	4100	332	0.05		C	A*D				
170486	045909.6	55.86	-3.11	330.7	664.0	0.0	0.1	LASSWADE,LOTHIAN	6	8	195	0.10	0.4	0.3	C	A*D		
170486	061943.8	55.85	-3.13	329.3	663.0	0.0	0.6	ROSEWELL,LOTHIAN	5	8	117	0.06	0.6	0.7	C	A*D		
180486	004413.0	59.52	-1.39	15.0	2.4	NORTH SEA	6222	309	0.75	70.8	90.2	D	D*D					
180486	072848.1	55.86	-3.13	329.0	663.5	1.3	0.5	ROSEWELL,LOTHIAN	8	8	116	0.10	0.8	0.9	B	A*B		
180486	112225.6	53.21	-1.10	460.0	369.1	2.7	1.7	WARSOP,NOTTINGHAMSHIRE	6	53	217	0.31	9.2	11.2	D	D*D		
180486	170057.9	55.87	-3.45	309.5	665.0	4.9	0.6	HARPERIG RESR,LOTHIAN	10	3	113	0.22	1.8	1.8	B	B*B		
180486	225928.1	52.97	-4.41	237.9	343.9	22.0	1.4	LLEYN AFTERSHOCK	19	25	200	0.10	0.6	0.9	C	A*D		
190486	161907.2	56.40	-3.98	278.1	724.5	3.1	1.0	COMRIE,TAYSIDE	3+	11	18	199	0.27	1.7	3.5	C	B*D	FELT WIDELY IN COMRIE. BANG HEARD.
200486	073701.3	55.83	-3.19	325.3	660.4	0.0	0.1	AUCHENDINNY,LOTHIAN	5	10	150	0.22	0.6	1.0	C	B*D		
220486	135128.7	52.96	-4.38	240.1	342.9	22.9	1.5	LLEYN AFTERSHOCK	22	4	166	0.07	0.3	0.5	B	A*C		
220486	192442.7	55.85	-3.12	330.0	662.8	0.3	0.8	ROSEWELL,LOTHIAN	6	9	115	0.03	0.2	B	A*B			
230486	044550.0	55.86	-3.12	329.7	663.4	0.0	0.3	ROSEWELL,LOTHIAN	5	8	181	0.04	47.7	39.4	D	D*D		
260486	122120.7	55.85	-3.15	327.7	662.1	0.0	0.2	ROSEWELL,LOTHIAN	5	9	152	0.08	4.8	6.1	C	C*D		

Table 1 (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...
270486	024913.9	57.09	-5.70	175.9	805.6	3.9	0.4	KNOYDART, HIGHLAND	7	21	163	0.27	2.2	7.1	C	C*C		
280486	001827.8	55.86	-3.10	331.5	663.9	0.0	-0.4	LASSWADE, LOTHIAN	6	9	202	0.10	3.3	2.1	D	C*D		
300486	200112.2	55.85	-3.14	328.9	662.5	0.0	0.0	ROSEWELL, LOTHIAN	6	9	167	0.11	4.5	4.3	C	C*C		
020586	170824.7	52.76	-2.04	397.1	317.6	5.0	2.0	CANNOCK, STAFFORDSHIRE	2+	15	24	171	0.23	1.3	1.5	C	B*C	FELT REPORTS
020586	200321.2	51.98	-2.85	341.8	231.1	17.9	0.6	NR HEREFORD, HER & WOR	5	11	139	0.02	0.4	0.6	C	A*D		
040586	065156.5	52.96	-4.40	238.5	343.0	22.0	1.0	LLEYN AFTERSHOCK	13	3	284	0.07	0.6	0.5	C	A*D		
060586	234312.9	55.85	-3.13	329.3	662.8	0.0	0.1	ROSEWELL, LOTHIAN	6	9	174	0.09	9.2	8.3	D	D*D		
070586	051756.2	53.25	-3.81	279.0	374.2	19.9	0.9	S. OF CONWAY, GWYNEDD	20	6	228	0.15	0.7	1.1	C	A*D		
070586	060845.3	52.67	-3.14	323.0	309.0	12.6	1.1	WELSHPOOL POWYS	16	24	153	0.11	0.8	0.9	B	A*C		
070586	110546.8	55.85	-3.12	329.6	662.9	0.0	0.3	ROSEWELL, LOTHIAN	6	9	177	0.11	12.2	10.5	D	D*D		
080586	075834.5	55.84	-3.19	325.4	661.6	0.9	0.0	AUCHENDINNY, LOTHIAN	5	9	142	0.14	0.9	1.4	C	A*D		
090586	021101.4	55.86	-3.12	329.9	663.6	1.1	0.4	ROSEWELL, LOTHIAN	7	8	112	0.19	1.1	1.2	B	B*B		
090586	042448.0	55.86	-3.12	330.0	663.5	2.4	0.0	ROSEWELL, LOTHIAN	6	8	185	0.08	0.5	0.5	C	A*D		
090586	201736.8	55.94	-3.07	333.2	672.5	0.0	-0.4	MUSSELBURGH, LOTHIAN	8	8	200	0.31	1.3	1.2	D	C*D		
100586	004410.8	55.86	-3.13	329.3	663.3	0.6	0.2	ROSEWELL, LOTHIAN	7	8	116	0.09	0.8	1.0	B	A*B		
100586	070642.3	55.85	-3.14	328.8	662.9	2.5	0.1	ROSEWELL, LOTHIAN	6	8	120	0.04	0.2	0.3	B	A*B		
120586	204010.7	52.78	-2.05	396.9	320.8	7.8	1.5	NR STAFFORD, STAFFS	9	27	255	0.17	2.023	31.1	D	C*D		
140586	101822.8	55.85	-3.12	329.8	662.5	2.5	0.4	ROSEWELL, LOTHIAN	7	9	117	0.03	0.2	0.3	B	A*B		
140586	181922.1	55.85	-3.12	329.6	662.8	2.1	0.5	ROSEWELL, LOTHIAN	7	9	117	0.16	0.4	0.7	B	B*B		
160586	062004.9	55.86	-3.13	329.1	663.1	0.0	-0.1	ROSEWELL, LOTHIAN	4	8	173	0.04			C	A*D		
160586	191443.0	55.85	-3.13	329.1	662.7	0.0	0.2	ROSEWELL, LOTHIAN	7	9	120	0.10	0.7	0.7	B	A*B		
170586	030840.8	55.85	-3.13	329.3	663.1	0.4	0.3	ROSEWELL, LOTHIAN	6	8	117	0.09	1.2	1.4	B	B*B		
170586	061808.3	55.85	-3.13	329.2	662.6	0.0	0.0	ROSEWELL, LOTHIAN	6	9	171	0.14	7.8	7.4	D	D*D		
190586	104835.4	56.51	-4.34	255.9	737.6	0.0	-0.2	KILLIN, CENTRAL	5	36	276	1.10	16.8	11.5	D	D*D		
190586	135941.7	55.87	-3.09	331.6	664.5	6.0	0.3	LASSWADE, LOTHIAN	7	8	124	0.14	1.0	2.2	B	B*B		
190586	182057.1	55.86	-3.12	330.1	663.1	1.0	0.2	ROSEWELL, LOTHIAN	7	9	113	0.13	0.8	1.0	B	A*B		
190586	213013.7	55.85	-3.13	329.2	662.3	0.3	-0.1	ROSEWELL, LOTHIAN	6	9	170	0.10	7.2	6.6	D	D*D		
200586	011357.5	55.85	-3.13	329.0	663.0	2.7	-0.1	ROSEWELL, LOTHIAN	5	8	171	0.06	0.5	17.4	D	C*D		
200586	014011.9	56.67	-5.60	179.4	758.5	1.3	1.2	LOCH LINNHE, HIGHLAND	16	31	209	1.16	8.3	6.0	D	D*D		
200586	170457.0	55.86	-3.10	330.8	663.9	2.0	0.1	LASSWADE, LOTHIAN	6	8	196	0.09	0.8	0.9	C	A*D		
200586	211443.5	55.85	-3.12	329.7	662.9	0.0	0.1	ROSEWELL, LOTHIAN	6	9	178	0.12	10.8	9.2	D	D*D		
210586	044159.0	55.85	-3.12	329.6	662.8	0.0	0.4	ROSEWELL, LOTHIAN	6	9	176	0.15	6.8	6.0	D	D*D		
210586	195743.0	55.85	-3.12	329.9	663.0	0.4	0.3	ROSEWELL, LOTHIAN	7	9	115	0.10	0.6	0.6	B	A*B		
220586	025149.8	54.47	-2.09	394.3	508.3	4.3	1.4	SW BARNARD CASTLE, DRHM	14	44	163	0.50	2.7	5.6	C	C*C		
220586	161020.9	55.85	-3.13	329.1	662.9	2.5	0.2	ROSEWELL, LOTHIAN	7	8	119	0.21	1.3	1.9	B	B*B		
230586	083338.6	55.85	-3.13	329.3	663.0	0.4	1.2	ROSEWELL, LOTHIAN	10	8	103	0.12	0.6	0.8	B	A*B		
230586	172830.8	56.13	-3.62	299.5	693.9	1.4	0.6	SALINE, FIFE	6	15	189	0.29	1.9	2.3	C	B*D		
230586	172835.4	56.12	-3.61	299.9	693.6	0.0	0.9	SALINE, FIFE	9	15	116	0.05	0.3	0.4	B	A*C		
240586	203130.3	52.97	-4.40	238.7	344.0	23.8	1.2	LLEYN AFTERSHOCK	17	2	169	0.07	0.4	0.6	B	A*C		
260586	031940.8	55.85	-3.15	327.7	662.2	0.0	0.0	ROSEWELL, LOTHIAN	6	9	153	0.07	2.4	2.7	C	B*C		
270586	045322.2	55.85	-3.13	329.5	662.8	0.1	1.0	ROSEWELL, LOTHIAN	13	9	83	0.07	0.2	0.2	B	A*B		
280586	182252.0	55.85	-3.13	329.4	662.5	0.6	1.2	ROSEWELL, LOTHIAN	9	9	120	0.09	0.5	0.5	B	A*B		
290586	115821.3	56.15	-3.70	294.4	696.4	1.2	0.3	DOLLAR, CENTRAL	9	16	121	0.11	0.5	0.8	B	A*C		
300586	132021.5	55.87	-3.11	330.5	664.3	1.1	0.2	LASSWADE, LOTHIAN	6	8	195	0.07	1.3	1.1	C	B*D		
300586	210607.2	55.85	-3.13	329.5	662.7	0.0	0.1	ROSEWELL, LOTHIAN	6	9	175	0.07	10.7	9.5	D	D*D		
300586	214954.9	55.87	-3.12	330.2	664.7	1.0	1.1	POLTON, LOTHIAN	2+	8	7	111	0.05	0.4	0.4	B	A*B	FELT POLTON, LASSWADE.
300586	224106.1	56.24	-3.72	293.2	707.1	8.0	-0.1	GLENEAGLES, TAYSIDE	10	13	101	0.20	0.9	5.4	C	C*B		
030686	195425.9	53.60	-1.41	439.1	411.7	2.0	1.4	BARNESLEY, S. YORKSHIRE	2+	6	13	196	0.15	1.3	1.7	C	B*D	FELT HEMSWORTH AREA
040686	142610.0	55.85	-3.12	329.8	662.6	0.3	0.7	ROSEWELL, LOTHIAN	7	9	117	0.03	0.2	0.2	B	A*B		
060686	154730.8	56.13	-3.68	295.9	694.2	0.0	0.9	FOREST MILL, FIFE	9	17	122	0.18	1.0	1.9	C	B*C		

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Date	HrMnSecs	Lat	Lon	KmE	KmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	Q	SQD	Comments...
070686	025309.2	55.85	-3.13	329.2	662.7	0.1	1.2	ROSEWELL, LOTHIAN	2+	9	9	119	0.04	0.2	0.2	B	A*B	FELT ROSLIN
070686	111740.2	55.86	-3.11	330.5	663.2	1.6-0.1		ROSEWELL, LOTHIAN		6	9	189	0.02	0.2	0.2	C	A*D	
080686	010210.5	55.85	-3.12	329.7	662.8	1.1-0.2		ROSEWELL, LOTHIAN		6	9	178	0.02	0.3	0.3	B	A*C	
090686	135956.5	56.10	-4.80	225.8	692.8	13.7	0.6	GARELOCHHEAD, ST' CLYDE		6	28	258	0.07	2.2	3.4	C	B*D	
090686	200019.3	55.86	-3.11	330.6	663.3	0.2	0.1	ROSEWELL, LOTHIAN		6	9	191	0.08	5.8	4.0	D	D*D	
090686	215508.7	55.69	-6.05	145.6	651.3	8.9	1.2	SE ISLAY, STRATHCLYDE		8	84	333	0.13	4.6	3.8	D	C*D	
100686	144404.8	55.86	-3.12	330.1	663.5	2.8	0.4	ROSEWELL, LOTHIAN		6	8	186	0.04	0.7	13.6	D	C*D	
110686	054636.3	55.85	-3.12	329.7	662.7	0.4	2.2	ROSEWELL, LOTHIAN	4	12	9	104	0.07	0.2	0.2	B	A*B	FELT 4MSK BONNYRIGG, 3MSK LASSWADE & ROSLIN
120686	043825.5	56.37	-5.26	198.5	724.7	0.0	1.5	LOCH NANT, STRATHCLYDE		15	61	213	0.68	6.6	6.6	D	D*D	
150686	212707.4	53.04	2.10			1.0	3.0	SOUTHERN NORTH SEA		12	50	320	0.18	4.3	3.1	D	C*D	
170686	035242.8	51.27	-4.77	207.2	156.1	2.5	1.3	5 KM E OF LUNDY ISLAND		9	36	303	0.06	4.4	6.7	D	C*D	
170686	040313.1	55.85	-3.15	328.2	662.0	0.0	0.2	ROSEWELL, LOTHIAN		7	9	128	0.25	0.6	0.7	B	B*B	
170686	110823.3	53.14	-1.05	463.7	361.3	7.7	1.6	BILSTHORPE, NOTTS.		9	48	224	0.39	4.7	6.7	D	C*D	PROBABLY MINING-INDUCED EVENT
170686	211758.2	55.85	-3.12	329.8	662.1	2.1	0.3	ROSEWELL, LOTHIAN		8	9	120	0.14	0.6	1.1	B	A*B	
170686	234013.9	55.86	-3.10	331.3	663.7	3.9	0.1	ROSEWELL, LOTHIAN		5	9	200	0.04	0.8	2.8	C	B*D	
180686	091639.8	55.85	-3.12	329.6	662.6	3.1	1.5	ROSEWELL, LOTHIAN		13	9	83	0.18	0.6	1.8	B	B*B	
180686	225254.2	55.91	-3.08	332.3	669.2	0.2	1.2	MILLERHILL, LOTHIAN	4	13	7	85	0.24	0.9	0.9	B	B*B	FELT DANDERHALL (4 MSK)
190686	000508.6	55.86	-3.12	330.1	663.5	2.3	0.2	ROSEWELL, LOTHIAN		7	8	111	0.08	0.5	0.7	B	A*B	
190686	050525.7	51.70	-3.28	311.5	201.2	5.0	0.9	NR BARGOED, M GLAMORGAN		4	34	237	0.09			C	A*D	
190686	051020.8	51.71	-3.27	312.1	201.9	0.9	0.9	NR BARGOED, M GLAMORGAN		6	33	235	0.04	0.6	0.5	C	A*D	
190686	083323.4	51.70	-3.33	307.9	200.5	5.0	0.8	NR BARGOED, M GLAMORGAN		4	37	295	0.00			C	A*D	
190686	084256.2	55.85	-3.13	329.4	662.9	1.7	0.9	ROSEWELL, LOTHIAN		10	8	117	0.13	0.6	0.9	B	A*B	
200686	150003.2	56.13	-3.64	298.0	694.7	2.3	0.6	BLACK DEVON, FIFE		11	15	118	0.39	1.3	2.2	C	C*C	
200686	150031.2	56.13	-3.65	297.2	694.5	0.0	0.5	BLACK DEVON, FIFE		11	16	119	0.13	0.5	1.0	B	A*C	
210686	070600.5	55.87	-3.14	328.8	664.1	0.4	0.5	ROSEWELL, LOTHIAN		8	7	113	0.12	0.8	1.0	B	A*B	
210686	103509.2	52.97	-4.43	236.5	344.1	22.6	1.4	LLEYN AFTERSHOCK		22	1	203	0.11	0.4	0.8	C	A*D	
210686	123958.5	52.32	-3.34	309.0	269.7	8.0	0.3	LLANDRINDOD WELLS, PWYS		6	22	143	0.09	2.0	57.3	C	C*C	
210686	162819.7	55.86	-3.13	329.4	663.4	1.4	1.3	ROSEWELL, LOTHIAN		7	8	115	0.03	0.2	0.3	B	A*B	
220686	053239.9	52.97	-4.38	240.2	344.0	23.9	1.6	LLEYN AFTERSHOCK	+	21	3	149	0.14	0.6	0.6	B	A*C	FELT GWYNEDD
220686	230612.7	53.11	-3.81	278.9	358.9	17.9	0.8	N OF BETWS-Y-COED, GWYN		21	13	180	0.11	0.5	0.6	C	A*D	
230686	193914.5	55.86	-3.11	330.5	663.2	0.8	0.9	ROSEWELL, LOTHIAN		9	9	110	0.06	0.3	0.3	B	A*B	
230686	211648.0	55.86	-3.10	331.1	663.4	0.0	0.0	ROSEWELL, LOTHIAN		5	9	197	0.05	4.4	2.7	D	C*D	
240686	195346.1	55.85	-3.13	329.5	662.8	0.0	1.2	ROSEWELL, LOTHIAN		10	9	117	0.11	0.4	0.4	B	A*B	
240686	232230.1	56.21	-3.32	318.1	702.9	1.2	0.5	LOCH LEVEN, TAYSIDE		6	12	205	0.30	6.4	2.7	D	D*D	
250686	001224.0	51.72	-3.11	323.1	203.5	0.9	0.2	ABERTILLERY, GWENT		5	23	230	0.01	0.4	0.4	C	A*D	
250686	003925.3	50.18	-5.26	167.1	36.0	7.2	0.7	S.E. CAMBORNE, CORNWALL		12	3	274	0.03	0.4	0.3	C	A*D	
250686	080957.8	54.52	-3.26	318.6	514.3	7.2	1.7	BUTTERMERE, CUMBRIA		20	15	148	0.23	1.0	1.1	C	B*C	
250686	160021.4	55.86	-3.12	330.2	663.3	0.2	0.1	ROSEWELL, LOTHIAN		7	8	184	0.14	2.0	1.6	C	B*D	
260686	012436.3	55.87	-3.13	329.4	664.2	5.4	0.4	ROSEWELL, LOTHIAN		6	7	182	0.10	1.3	3.0	C	B*D	
270686	120009.4	51.77	-2.65	354.9	208.6	23.9	1.4	NR MONMOUTH, GWENT		5	18	201	0.08	1.5	4.0	C	B*D	
270686	190654.2	56.96	-5.58	182.3	790.8	3.7	0.1	LOCH NEVIS, HIGHLAND		5	16	235	0.42	0.3	1.0	D	C*D	
280686	165535.3	50.11	-5.18	173.0	28.2	6.8	-0.2	S.CONSTANTINE, CORNWALL		10	3	158	0.04	0.3	0.5	B	A*C	
280686	165716.7	50.11	-5.17	173.1	28.1	6.4	0.1	S.CONSTANTINE, CORNWALL		13	3	157	0.05	0.3	0.4	B	A*C	
010786	205644.3	57.22	-6.09	153.3	821.8	14.2	0.2	CUILLINS, SKYE, HIGHLAND		5	29	261	0.29	18.6	24.8	D	D*D	
020786	004013.6	55.86	-3.13	329.4	663.9	4.5	0.7	POLTON, LOTHIAN		7	8	112	0.09	0.5	1.9	B	A*B	
020786	094821.0	57.24	-5.44	192.6	821.4	1.6	-0.2	GLEN SHIEL, HIGHLAND		6	3	149	0.22	3.0	3.5	C	C*C	
020786	153949.6	56.12	-3.65	297.2	692.9	5.8	0.5	FOREST MILL, CENTRAL		7	17	122	0.12	1.1	2.4	C	B*C	FIFE COAL FIELD EVENT
030786	201826.7	55.87	-3.09	331.9	664.6	7.3	0.1	ESKBANK, LOTHIAN		6	9	210	0.04	0.9	0.6	C	A*D	

Table 1 (cont'd)

CATALOGUE OF EVENTS : 1986

Listed Chronologically

Date	HrMnSecs	Lat	Lon	KmE	KmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	Q	SQD	Comments...	
040786	124221.1	54.40	3.38			5.0	2.8	SOUTHERN NORTH SEA		8330	321	0.21	58.6	62.0	D	D*D			
040786	173236.0	57.38	-5.43	194.1	837.4	2.7	0.0	LOCH CARRON, HIGHLAND		6	14	150	0.23	1.6	401.8	C	C*C		
090786	182319.1	53.01	-4.44	236.0	349.0	13.5	0.5	N.W OF TREVOR, LLEYN		24	4	130	0.10	0.3	0.7	B	A*B		
100786	192203.4	53.19	-0.96	469.3	366.9	8.4	1.6	OLLERTON, NOTTS.		6	56	232	0.15	4.1	8.0	D	C*D	PROBABLY MINING-INDUCED EVENT	
110786	022028.3	49.19	-2.25	381.9	-79.1	10.2	1.1	CORBIERE POINT, JERSEY		5	4	313	0.01	0.3	0.2	C	A*D		
150786	004521.4	55.87	-3.12	329.8	664.4	6.2	-0.3	POLTON, LOTHIAN		4	7	188	0.00			C	A*D		
150786	015926.1	52.95	-4.38	239.9	341.5	22.1	1.6	LLEYN AFTERSHOCK		20	5	91	0.18	0.6	1.3	B	B*B		
150786	221323.3	55.23	-3.42	309.9	593.4	5.0	0.9	JOHNSTONEBRIDGE, D&G		12	17	174	0.32	2.1	2.9	C	C*C	MAIN SHOCK OF 4 EVENTS	
150786	221836.5	55.24	-3.45	308.1	594.7	2.7	-0.5	JOHNSTONEBRIDGE, D&G		4	18	313	0.01			C	A*D	AFTERSHOCK OF EVENT @ 22:13 GMT	
160786	020642.7	56.58	-5.49	185.9	748.2	0.0	0.8	LOCH LINNHE, HIGHLAND		6	83	330	0.39	38.6	29.9	D	D*D		
160786	114925.9	55.24	-3.43	308.9	594.6	5.0	0.4	JOHNSTONEBRIDGE, D&G		5	17	311	0.04	0.9	1.5	C	A*D	AFTERSHOCK OF 22:13 EVENT, 15.7.86	
160786	115101.1	55.23	-3.40	311.0	594.0	1.6	-1.0	JOHNSTONEBRIDGE, D&G		4	16	305	0.07			C	A*D	AFTERSHOCK OF 22:13 EVENT, 15.7.86	
170786	103910.2	55.86	-3.09	331.7	663.6	8.3	0.0	POLTON, LOTHIAN		7	9	119	0.11	1.0	1.6	B	B*B		
170786	145505.0	52.96	-4.40	239.1	343.6	22.5	0.8	LLEYN AFTERSHOCK		13	3	85	0.07	0.3	0.6	A	A*A		
190786	153718.3	51.69	-3.34	307.7	199.9	7.9	1.1	MERTHYR VALE, MID GLAM		6	37	244	0.04	0.6	63.0	D	C*D		
200786	092356.1	56.52	-5.34	194.5	741.1	0.1	1.7	LOCH CRERAN, ST' CLYDE		9	72	326	0.33	11.1	8.5	D	D*D		
210786	132931.7	52.23	-2.69	353.0	259.8	5.0	0.8	LEOMINSTER, HER & WOR		7	24	179	0.13	1.0	2.0	C	B*C		
280786	140339.4	52.12	-2.88	339.9	247.0	8.1	0.8	W OF HEREFORD, HER&WOR		7	16	210	0.22	6.0	29.0	D	D*D		
280786	235841.5	52.36	-3.16	320.9	274.5	16.1	0.7	NR KNIGHTON, POWYS		9	25	117	0.05	0.3	1.0	B	A*B		
300786	010539.4	52.96	-4.40	238.6	342.5	23.3	0.6	LLEYN AFTERSHOCK		18	3	120	0.09	0.6	0.5	B	A*B		
300786	145924.5	52.06	-3.72	282.1	241.9	5.0	1.0	BRYN NICOL, DYFED		4	31	348	0.01			C	A*D		
030886	063515.9	55.85	-3.13	329.3	662.6	0.5	1.9	ROSEWELL, LOTHIAN		8	9	120	0.08	0.3	0.3	B	A*B		
040886	101639.0	57.70	-5.34	201.3	872.3	7.0	1.4	LOCH MAREE, HIGHLAND		10	22	299	0.38	5.1	2.7	D	D*D		
110886	045027.4	51.80	-3.34	307.4	211.9	9.6	0.5	MERTHYR TYDFIL, M GLAM		5	32	254	0.07	2.3	26.4	D	C*D		
130886	022649.5	55.87	-3.11	330.7	664.5	2.4	0.4	LASSWADE, LOTHIAN		7	8	190	0.18	1.6	1.8	C	B*D		
130886	202626.5	55.86	-3.14	328.9	663.4	0.8	0.0	ROSEWELL, LOTHIAN		5	8	117	0.15	2.6	3.7	D	C*D	NW OF ROSEWELL, FIRST OF "DOUBLE" EVENT	
130886	202627.5	55.86	-3.12	330.2	663.6	5.0	0.5	ROSEWELL, LOTHIAN		6	8	184	0.22	2.9	3.7	D	C*D	SECOND OF "DOUBLE". POOR LOCATION AS OBSCURED	
170886	231941.7	55.85	-3.12	329.7	662.5	0.1	0.5	ROSEWELL, LOTHIAN		8	9	118	0.06	0.3	0.3	B	A*B		
180886	115131.4	51.88	-3.38	305.2	221.3	9.1	0.7	NR BRECON, POWYS		5	23	275	0.12	2.5	15.5	D	C*D		
180886	163709.2	56.08	-5.16	203.5	692.1	0.0	1.3	GLENDARUEL, STRATHCLYDE		10	52	320	0.30	20.6	15.7	D	D*D		
180886	222433.4	55.85	-3.13	329.2	662.5	0.1	0.4	ROSEWELL, LOTHIAN		7	9	120	0.08	0.5	0.5	B	A*B		
190886	013807.0	52.55	-1.92	405.5	294.8	7.8	0.7	BIRMINGHAM, W MIDLANDS		7	11	150	0.08	2.0	11.4	C	C*C		
190886	031536.3	52.55	-1.92	405.5	294.9	8.0	0.9	BIRMINGHAM, W MIDLANDS		7	11	150	0.11	2.4	12.1	C	C*C		
200886	133012.5	56.10	-3.64	297.7	690.4	0.5	1.0	BLAIRHALL, FIFE		9	19	126	0.27	1.1	2.0	C	B*C	FIFE COALFIELD AREA.	
200886	170733.7	55.85	-3.13	329.4	662.7	1.9	1.5	ROSEWELL, LOTHIAN	2+	17	9	83	0.11	0.3	0.5	B	A*B	FELT LASSWADE	
210886	032528.9	52.97	-4.40	239.0	344.3	22.0	0.7	LLEYN AFTERSHOCK		14	2	100	0.26	1.3	1.8	B	B*B		
210886	112710.1	55.85	-3.13	329.4	662.6	0.1	2.5	ROSEWELL, LOTHIAN		4+	11	9	101	0.09	0.3	0.3	B	A*B	FELT ROSEWELL, LASSWADE, POLTON BANK & ROSLIN
210886	193554.3	55.84	-3.19	325.5	661.5	4.5	0.2	AUCHENDINNY, LOTHIAN		5	9	142	0.18	0.1	0.8	C	B*D		
230886	122829.0	51.90	-3.74	280.2	223.7	13.9	1.4	BLACK MOUNTAIN, DYFED		11	38	132	0.16	1.3	2.8	C	B*C		
250886	060925.6	55.85	-3.16	327.5	662.3	0.0	-0.1	ROSLIN, LOTHIAN		5	9	151	0.06	3.3	4.3	D	C*D		
270886	023918.9	55.86	-3.13	329.5	663.4	1.9	0.9	ROSEWELL, LOTHIAN		9	8	114	0.06	0.3	0.5	B	A*B		
310886	190211.6	56.39	-4.00	276.7	723.4	2.7	0.3	COMRIE, TAYSIDE		6	20	198	0.24	2.7	412.6	D	C*D	POSSIBLY FELT COMRIE	
010986	221048.4	56.70	-0.57	487.7	756.8	0.0	1.6	NORTH SEA		6153	354	1.27	91.9	32.0	D	D*D			

Table 1 (cont'd)

CATALOGUE OF EVENTS : 1986
Listed Chronologically

Date	HrMnSecs	Lat	Lon	KmE	KmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	Q	SQD	Comments...	
010986	221123.6	60.80	2.7	3	15.0	3.8	NORTH SEA		16114	173	0.82	5.2	9.1	D	D*D				
020986	022252.7	50.11	-5.17	173.5	28.0	5.9-0.1	CONSTANTINE, CORNWALL	7	4	149	0.01	0.1	B	A*C					
020986	053934.4	55.84	-3.19	325.2	661.8	1.9-0.2	AUCHENDINNY, LOTHIAN	6	9	141	0.01	0.3	C	B**C					
020986	053934.4	55.84	-3.19	325.2	661.8	1.9-0.2	CONSTANTINE, CORNWALL	7	4	151	0.01	0.1	B	A*C					
020986	085118.6	50.11	-5.17	173.4	27.9	6.1-0.1	CONSTANTINE, CORNWALL	7	4	158	0.02	0.3	B	A*C					
020986	093033.9	50.11	-5.17	173.1	27.9	6.1-0.2	CONSTANTINE, CORNWALL	11	3	156	0.02	0.2	B	B*A*C					
020986	093158.3	50.11	-5.17	173.2	28.0	6.0-0.5	CONSTANTINE, CORNWALL	8	4	152	0.03	0.2	B	A**C					
020986	093338.1	50.11	-5.17	173.4	28.0	6.0-0.2	CONSTANTINE, CORNWALL	7	4	156	0.01	0.2	B	A**C					
020986	093406.4	50.11	-5.17	173.2	27.9	5.8-0.8	CONSTANTINE, CORNWALL	7	4	148	0.02	0.2	B	A*C					
020986	093646.1	50.11	-5.17	173.6	28.0	5.9-0.0	CONSTANTINE, CORNWALL	8	4	148	0.02	0.2	B	A*C					
020986	093609.3	50.11	-5.17	173.4	28.2	6.1-0.1	CONSTANTINE, CORNWALL	7	3	283	0.02	0.3	C	A*D					
020986	093919.9	50.11	-5.17	173.2	28.0	5.8-0.6	CONSTANTINE, CORNWALL	9	3	156	0.02	0.2	B	A*C					
020986	120300.6	50.11	-5.17	173.5	27.9	6.1-0.1	CONSTANTINE, CORNWALL	7	4	150	0.01	0.1	B	A*C					
020986	144759.5	50.11	-5.17	173.1	27.9	6.2-0.9	CONSTANTINE, CORNWALL	5	10	4	159	0.01	0.1	B	A*C				
																	FELT CONSTANTINE, MABE, HELSTON, LANNER, ETC.		
020986	155410.3	55.97	-3.08	332.8	675.6	1.1-0.4	MUSSELBURGH, LOTHIAN	6	9	295	0.24	3.1	1.6	D	C*D				
020986	174759.5	50.23	-5.43	155.1	42.8	3.4-0.4	NW ST. IVES, CORNWALL	9	14	232	0.02	0.4	1.2	C	A*D				
020986	194655.1	55.97	-3.07	333.4	675.4	0.9-0.3	MUSSELBURGH, LOTHIAN	6	9	295	0.22	2.9	1.1	D	C*D				
030986	012303.7	55.96	-3.08	332.3	674.3	1.4-0.4	MUSSELBURGH, LOTHIAN	6	7	291	0.18	2.5	1.1	D	C*D				
030986	012430.4	50.11	-5.17	173.5	28.1	6.0-0.2	CONSTANTINE, CORNWALL	9	4	149	0.02	0.2	B	A*C					
030986	031313.3	55.98	-3.07	333.2	676.5	0.0-0.3	MUSSELBURGH, LOTHIAN	6	9	297	0.21	2.3	1.2	C	B*D				
030986	064335.1	55.94	-3.11	330.6	672.9	6.2-0.3	JOPPA, LOTHIAN	7	5	212	0.23	2.3	B	B*D					
030986	071020.4	50.11	-5.17	173.4	28.1	6.2-0.2	CONSTANTINE, CORNWALL	9	3	151	0.02	0.1	B	A*C					
030986	084453.6	55.85	-3.12	329.7	662.5	0.3-1.7	ROSEWELL, LOTHIAN	3+	9	103	0.05	0.2	B	A*B					
																	FELT ROSLIN, LOANHEAD AND POLTON. POSS. DOUBLE		
030986	111054.8	50.11	-5.17	173.2	28.4	6.2-0.1	CONSTANTINE, CORNWALL	6	3	282	0.01	0.2	0.2	C	A*D				
030986	164212.6	50.11	-5.17	173.1	28.2	6.1-0.1	CONSTANTINE, CORNWALL	9	3	157	0.03	0.4	0.4	B	A*C				
030986	165624.8	50.11	-5.17	173.3	28.1	6.2-0.1	CONSTANTINE, CORNWALL	10	3	153	0.02	0.2	0.1	C	A*D				
030986	170418.5	50.11	-5.17	173.2	28.5	6.2-0.2	CONSTANTINE, CORNWALL	9	3	280	0.02	0.2	0.1	C	A*D				
030986	203250.9	55.90	-3.14	329.0	667.7	4.9-0.1	GILMERTON, LOTHIAN	5	4	205	0.01	0.0	0.0	C	A*D				
030986	211709.2	50.11	-5.17	173.4	27.9	6.0-0.3	CONSTANTINE, CORNWALL	9	4	152	0.02	0.2	0.2	B	A*C				
040986	000705.7	50.11	-5.17	173.4	28.1	6.0-0.1	CONSTANTINE, CORNWALL	9	3	149	0.02	0.1	B	A*C					
040986	130946.5	51.84	-3.98	263.6	218.0	2.4-1.5	NR LLANDEilo, DYFED	6	55	277	0.12	5.2	4.7	D	D*D				
050986	170132.4	56.38	-3.97	278.2	722.2	3.6-1.6	COMRIE, TAYSIDE	3+	21	19	90	0.39	1.0	1.9	C	C*C			
070986	013501.9	56.46	-4.54	243.3	733.1	0.0-0.9	CRIANLARICH, CENTRAL	10	33	287	0.48	17.7	13.5	D	D*D	A/S 12.41	22.44	GMT	
070986	092458.8	54.76	-2.12	0.1	3.0	SOUTHERN NORTH SEA	11	327	347	0.29	270	4156.0	D	D*D					
070986	162456.5	56.39	-4.00	276.6	723.7	2.7-0.5	COMRIE, TAYSIDE	2+	8	20	0.24	2.1	6.7	C	C*D				
070986	223540.2	56.39	-4.00	276.6	723.3	7.0-0.5	COMRIE, TAYSIDE	7	20	198	0.19	3.7	4.9	D	C*D	POSSIBLY FELT COMRIE			
070986	230902.3	56.49	-4.72	232.7	736.2	3.0-1.2	CRIANLARICH, CENTRAL	11	41	184	0.35	3.0	4.8	D	C*D	A/S 08/9 00.55.03.07,	04.23.04.31	GMT	
080986	044741.6	56.50	-4.71	233.3	737.4	7.4-1.2	CRIANLARICH, CENTRAL	9	42	182	0.23	2.4	5.7	D	C*D				
080986	051955.5	56.43	-4.48	246.9	729.7	1.5-0.7	CRIANLARICH, CENTRAL	6	29	280	0.29	2.2	1.6	D	B*D	A/S 06.21.06.42.08.26,			
080986	054927.1	56.48	-4.54	243.4	735.0	1.2-1.0	CRIANLARICH, CENTRAL	5	35	292	0.08	12.2	8.6	D	D*D				
080986	125612.1	56.47	-4.61	239.5	734.1	0.0-1.3	CRIANLARICH, CENTRAL	8	36	293	0.46	27.1	20.3	D	D*D	A/S 12.59, 13.03	GMT		
080986	131352.0	56.44	-4.48	246.9	730.6	1.9-1.3	CRIANLARICH, CENTRAL	6	30	280	0.18	24.8	18.0	D	D*D				
080986	131912.7	56.45	-4.50	245.9	731.9	0.0-1.0	CRIANLARICH, CENTRAL	8	31	282	0.19	19.0	13.9	D	D*D	A/S 14.00	GMT		
080986	150010.0	56.45	-4.50	245.8	731.8	0.9-1.2	CRIANLARICH, CENTRAL	7	31	282	0.27	33.8	25.5	D	D*D	A/S 15.01, 15.11, 19.28,			
080986	161649.0	56.38	-3.98	278.0	722.4	3.1-1.7	COMRIE, TAYSIDE	2+	21	19	91	0.39	1.0	2.0	C	C*C	FELT COMRIE		
080986	172139.8	56.40	-4.00	276.4	724.6	2.6-0.5	COMRIE, TAYSIDE	2+	6	20	0.21	2.2357.5	D	C*D	FELT COMRIE				

Table 1 (cont'd)

CATALOGUE OF EVENTS : 1986

Listed Chronologically

Date	HrMnSecs	Lat	Lon	KmE	KmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	Q	SQD	Comments...
080986	215058.7	55.97	-3.05	334.3	675.5	0.7	0.0	MUSSELBURGH, LOTHIAN	6	10	297	0.27	3.6	2.0	D	C*D	OFFSHORE	
080986	215939.8	56.46	-4.55	243.0	733.2	2.0	1.1	CRIANLARICH, CENTRAL	9	33	287	0.38	12.6	9.1	D	D*D		
080986	230457.5	56.39	-4.02	275.2	724.1	2.7	0.3	COMRIE, TAYSIDE	7	21	205	0.19	1.9	11.3	D	C*D		
090986	030847.2	56.49	-4.66	236.3	736.0	9.9	1.4	CRIANLARICH, CENTRAL	10	39	178	0.28	2.9	9.6	C	C*C		
090986	031822.8	56.47	-4.66	236.1	734.4	5.6	1.1	CRIANLARICH, CENTRAL	9	37	180	0.26	1.7	4.6	C	B*C		
090986	034442.6	56.48	-4.64	237.6	734.7	0.0	0.8	CRIANLARICH, CENTRAL	9	37	295	0.44	38.1	28.3	D	D*D		
090986	043008.6	56.46	-4.50	245.9	731.9	1.0	0.8	CRIANLARICH, CENTRAL	8	31	282	0.28	15.7	11.3	D	D*D		
090986	050311.5	56.42	-4.41	251.2	727.5	2.1	0.5	CRIANLARICH, CENTRAL	8	26	270	0.40	17.8	11.7	D	D*D	A/S 08.16 GMT	
090986	061950.3	55.91	-3.08	332.5	668.9	0.0	0.3	MILLERHILL, LOTHIAN	6	7	247	0.08	1.8	1.0	C	B*D		
090986	155451.7	56.48	-4.64	237.2	735.3	8.0	1.6	CRIANLARICH, CENTRAL	12	38	177	0.29	1.6358.7	C	C*C			
090986	155457.2	56.49	-4.67	235.6	736.2	9.1	1.9	CRIANLARICH, CENTRAL	17	39	179	0.58	3.2	8.1	D	D*C		
090986	155614.1	56.46	-4.50	246.0	732.6	1.0	1.2	CRIANLARICH, CENTRAL	6	32	287	0.28	13.6	10.1	D	D*D		
090986	181351.0	56.45	-4.51	245.6	731.2	4.2	1.0	CRIANLARICH, CENTRAL	7	31	283	0.26	9.9	17.0	D	D*D	A/S 23.00, 10/09/86 04.07, 23.30 GMT	
100986	233056.3	56.46	-4.63	238.1	733.2	5.0	1.0	CRIANLARICH, CENTRAL	7	35	295	0.34	4.5	6.7	D	C*D	A/S 23.59, 11/09/86 00.00, 12.19, 23.08 GMT	
16	110986	030313.0	55.85	-3.14	328.7	662.6	0.0	0.4	ROSEWELL, LOTHIAN	6	9	166	0.05	2.0	2.0	C	B*C	
	110986	145506.4	56.01	-5.05	209.8	684.2	0.0	0.7	DUNOON, STRATHCLYDE	7	48	344	0.73	12.3	8.5	D	D*D	
	120986	142327.6	55.85	-3.13	329.2	662.3	0.4	0.1	ROSEWELL, LOTHIAN	6	9	170	0.06	9.7	8.6	D	D*C	
	120986	222112.1	56.49	-4.67	235.5	735.9	8.4	1.5	CRIANLARICH, CENTRAL	15	39	180	0.30	1.8	43.7	C	C*C	F/S 12.06, 22.15 GMT
	120986	222618.8	56.49	-4.66	236.4	735.9	8.0	1.1	CRIANLARICH, CENTRAL	10	39	178	0.32	1.9383.2	C	C*C		
	120986	223914.6	56.49	-4.68	234.9	736.3	7.6	1.3	CRIANLARICH, CENTRAL	11	40	180	0.25	2.2317.1	D	C*D	A/S 22.50, 13/9 07.15 GMT	
	130986	062959.5	55.95	-3.08	332.6	673.1	0.7	0.3	MUSSELBURGH, LOTHIAN	8	7	135	0.25	1.3	1.5	B	B*B	
	130986	083747.6	55.85	-3.13	329.0	662.8	0.2	1.6	ROSEWELL, LOTHIAN	11	9	100	0.05	0.2	0.2	B	A*B	
	130986	173435.8	51.09	-2.87	339.1	132.7	1.3	1.8	NR BRIDGWATER, SOMERSET	10	61	208	0.23	2.4	1.9	C	B*D	
	130986	175917.3	55.86	-3.11	330.6	663.6	2.4	0.9	BONNYRIGG, LOTHIAN	8	8	108	0.12	0.6	1.1	B	A*B	
	130986	220207.4	55.85	-3.13	329.4	662.4	0.7	0.5	ROSEWELL, LOTHIAN	8	9	120	0.04	0.3	0.4	B	A*B	
	150986	075029.6	56.43	-4.49	246.5	728.8	3.4	1.5	CRIANLARICH, CENTRAL	8	28	281	0.34	8.6	17.0	D	D*D	F/S 06.55, 06.56(X3), 06.57 07.48 GMT
	150986	160832.1	55.85	-3.13	329.3	662.9	2.3	1.2	ROSEWELL, LOTHIAN	10	8	118	0.09	0.4	0.6	B	A*B	
	150986	235216.3	55.84	-3.14	328.3	661.7	0.3	0.4	ROSEWELL, LOTHIAN	8	9	130	0.15	0.3	0.4	B	B*B	
	160986	022346.7	56.44	-4.34	255.5	729.6	1.5	0.6	CRIANLARICH, CENTRAL	6	28	262	0.42	28.3	18.1	D	D*D	F/S 15/9 15.02, 20.47, 22.04 GMT
	160986	125856.2	56.46	-4.48	247.0	732.4	2.3	1.1	CRIANLARICH, CENTRAL	6	31	280	0.29	35.2	25.9	D	D*D	F/S 12.26, A/S 15.33 GMT
	160986	234618.8	52.96	-4.40	238.9	342.6	23.1	0.6	LLEYN AFTERSHOCK	19	3	98	0.12	0.4	1.0	B	A*B	
	170986	044723.2	55.85	-3.14	328.7	662.7	0.1	0.2	ROSEWELL, LOTHIAN	6	8	167	0.07	5.5	5.3	D	D*C	
	170986	100323.8	56.34	-5.40	189.6	721.3	7.2	0.6	OBAN, STRATHCLYDE	6	68	337	1.18	45.2	89.7	D	D*D	OBAN FORESHOCK
	170986	123824.0	55.85	-3.13	329.0	662.6	0.6	0.9	ROSEWELL, LOTHIAN	10	9	121	0.09	0.4	0.5	B	A*B	
	170986	155505.7	56.44	-4.48	247.1	730.3	2.7	0.7	CRIANLARICH, CENTRAL	7	29	280	0.30	3.6	4.0	D	C*D	
	170986	172934.4	55.84	-3.15	328.1	661.5	0.0	0.3	ROSEWELL, LOTHIAN	8	9	132	0.25	0.8	0.8	B	B*B	
	190986	013717.3	56.43	-4.50	246.0	729.4	3.0	0.3	CRIANLARICH, CENTRAL	6	29	282	0.22	11.8	24.4	D	D*D	A/S 22/9 06.45, 07.00 GMT 09.51 GMT
	190986	141601.5	55.85	-3.12	329.7	662.9	2.5	0.3	ROSEWELL, LOTHIAN	6	9	116	0.09	0.2	0.4	B	A*B	
	190986	144029.8	53.10	-4.29	246.9	358.1	14.5	0.6	S OF CAERNARVON, GWYND	20	9	94	0.08	0.2	0.6	B	A*B	
	190986	163110.4	53.52	2.32			4.4	3.7	SOUTHERN NORTH SEA	13	97	192	0.24	2.0	3.1	C	B*D	
	190986	205717.5	51.62	-3.35	306.6	192.7	4.3	1.1	PONTYPRIDD, M GLAMORGAN	6	38	257	0.09	6.1	11.0	D	D*D	
	220986	025018.0	51.57	-3.35	306.1	187.1	5.0	1.3	PONTYPRIDD, M GLAMORGAN	7	39	266	0.09	2.3	5.8	D	C*D	
	220986	223629.3	59.70	2.21			18.9	1.2	NORTH SEA	15180	173	0.77		6.1	14.9	D	D*D	
	240986	022931.6	52.89	-3.48	300.2	333.4	13.2	0.6	E OF LAKE BALA, GWYNEDD	12	13	142	0.06	0.4	0.6	B	A*C	
	240986	035224.8	55.86	-3.12	330.0	663.5	2.5	0.3	ROSEWELL, LOTHIAN	7	8	111	0.06	0.3	0.5	B	A*B	

Table 1 (cont'd)

CATALOGUE OF EVENTS : 1986

Listed Chronologically

Date	Hr	Mn	Secs	Lat	Lon	KmE	KmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	Q	SQD	Comments...	
240986	15	50	4.8	61.65	-3.96	295.9	1308.6	5.0	2.2	N.W. SHETLAND		4198	347	0.35		D	C*D				
250986	12	02	0.9	55.85	-3.14	328.9	662.4	0.0	0.3	ROSEWELL, LOTHIAN		6	9	167	0.10	3.1	3.0	C	C*C		
270986	05	16	05.2	55.85	-3.14	329.0	662.4	0.3	1.6	ROSEWELL, LOTHIAN		11	9	98	0.08	0.3	0.2	B	A*B		
270986	06	14	08.3	55.85	-3.14	328.7	662.4	0.0	1.1	ROSEWELL, LOTHIAN		9	9	124	0.19	0.8	0.8	B	B*B		
280986	12	41	15.0	56.39	-5.56	180.5	727.2	9.5	1.7	OBAN, STRATHCLYDE	2+	12	61	238	0.18	2.1	2.5	C	B*D	FELT ON ISLE OF KERRERA; OBAN FORESHOCK	
280986	13	57	48.5	56.33	-5.53	181.8	721.1	10.0	1.0	OBAN, STRATHCLYDE	2+	5	75	340	0.25	2.0	1.5	C	B*D	FELT ON ISLE OF KERRERA; OBAN FORESHOCK	
280986	18	18	59.6	53.54	-1.02	464.7	405.6	5.0	2.1	DONCASTER, SOUTH YORKS		7165	327	0.22	7.4	7.0	D	D*D			
290986	01	33	36.1	56.46	-5.50	184.4	734.9	22.4	4.2	OBAN, STRATHCLYDE	5	17	78	247	0.18	1.8	2.2	C	B*D	FELT OBAN: 4-5MSK FELT AREA: 30,000 SQ KM	
290986	01	38	45.9	56.47	-5.58	179.3	736.5	10.0	0.7	OBAN, STRATHCLYDE	2+	5	87	337	0.11	1.2	31.4	D	C*D	OBAN AFTERSHOCK, FELT KILMORE, OBAN	
290986	01	48	41.3	56.42	-5.51	183.4	730.5	6.0	1.2	OBAN, STRATHCLYDE	2+	11	77	304	0.15	5.9	12.5	D	D*D	OBAN AFTERSHOCK, FELT OBAN, KILMORE, LISMORE	
290986	01	51	23.3	56.45	-5.42	189.2	733.8	10.0	0.8	OBAN, STRATHCLYDE		6	79	334	0.08	5.3	143.3	D	D*D	OBAN AFTERSHOCK; SMALL A/S 02:10 GMT (0.3ML)	
290986	02	16	25.4	56.40	-5.53	182.1	729.1	10.0	0.8	OBAN, STRATHCLYDE		11	78	305	0.41	4.3	7.1	D	C*D	OBAN AFTERSHOCK	
290986	02	42	03.0	56.43	-5.58	179.5	732.0	14.9	0.8	OBAN, STRATHCLYDE	2+	9	81	306	0.18	2.6	2.2	D	C*D	OBAN AFTERSHOCK, FELT OBAN	
300986	03	57	09.7	55.85	-3.14	329.0	662.9	1.2	0.3	ROSEWELL, LOTHIAN		7	8	119	0.18	1.6	1.9	B	B*B		
300986	10	12	28.8	55.86	-3.12	330.2	663.3	6.6	0.8	ROSEWELL, LOTHIAN		7	9	112	0.09	0.7	0.8	B	A*B		
011086	17	37	40.4	55.85	-3.12	329.6	662.1	2.6	0.8	ROSEWELL, LOTHIAN		9	9	121	0.05	0.2	1.3	B	A*B		
031086	03	49	13.6	55.86	-3.12	330.0	663.3	2.3	0.4	ROSEWELL, LOTHIAN		8	8	112	0.13	0.7	1.2	B	A*B		
031086	04	13	06.1	56.09	-3.10	331.8	689.4	2.6	0.0	KIRKCALDY, FIFE		6	20	179	0.07	0.7	127.5	C	C*C	OFFSHORE	
031086	09	57	25.7	56.23	-4.88	221.2	707.3	2.0	0.3	LOCHGOILHEAD, S/CLYDE		6	34	332	0.17	19.2	14.8	D	D*D		
031086	10	41	29.9	56.37	-5.49	184.6	725.3	7.2	1.1	OBAN, STRATHCLYDE		5	74	338	0.11	84.0	186.1	D	D*D	OBAN AFTERSHOCK	
031086	15	03	53.8	51.90	-2.78	346.4	223.2	15.1	1.3	GARWAY, HEREFORD & WOR		7	18	137	0.05	0.5	0.5	1.6	B	A*C	
041086	06	33	45.7	56.10	-3.09	332.2	689.8	0.1	-0.3	KIRKCALDY, FIFE		9	20	181	0.10	0.6	0.9	C	A*D	OFFSHORE	
041086	23	59	51.1	56.38	-3.99	277.3	723.1	2.5	1.0	COMRIE, TAYSIDE	2+	10	20	195	0.24	1.5	3.4	C	B*D	FELT COMRIE	
051086	00	47	49.6	55.85	-3.14	328.7	662.4	0.0	-0.2	ROSEWELL, LOTHIAN		6	9	164	0.14	4.2	4.2	C	C*C		
051086	03	59	47.7	56.50	-4.49	246.4	736.5	1.5	0.6	CRIANLARICH, CENTRAL		7	36	289	0.98	202.6	152.7	D	D*D		
061086	04	45	49.0	51.98	-3.62	288.4	232.9	21.4	0.9	NR LLYWEL, POWYS		6	27	233	0.01	0.2	0.3	C	A*D		
071086	09	49	45.4	49.22	-2.17	387.8	-75.4	0.6		ST. PETER'S CH., JERSEY		5	3	161	0.06	0.3	3.7	C	B*D		
081086	07	55	0.0	55.86	-3.12	330.0	663.1	0.2	0.4	ROSEWELL, LOTHIAN		6	9	182	0.05	5.7	4.5	D	D*D		
081086	16	06	54.0	55.85	-3.14	328.8	662.2	0.4	1.8	ROSEWELL, LOTHIAN	4+	11	9	97	0.10	0.2	0.2	B	A*B	FELT ROSEWELL UNDERGROUND AT 329.0/663.0, ROSLIN	
081086	16	45	05.3	55.85	-3.14	328.7	662.3	0.1	0.9	ROSEWELL, LOTHIAN		9	9	124	0.10	0.4	0.4	B	A*B		
091086	12	55	27.3	55.85	-3.13	329.3	662.6	0.2	2.8	ROSEWELL, LOTHIAN	4+	11	9	101	0.07	0.2	0.2	B	A*B	FELT ROSEWELL, BONNYRIGG, ROSLIN, LITTLE FRANCE?	
091086	13	15	23.4	55.85	-3.15	328.2	662.6	2.3	0.4	ROSEWELL, LOTHIAN		7	8	160	0.12	0.9	1.1	B	A*C		
091086	14	35	41.3	56.68	-5.06	212.7	757.8	4.7	1.2	GLEN COE, HIGHLAND		8	70	316	0.15	16.8	35.7	D	D*D		
091086	18	13	52.4	55.85	-3.13	329.0	662.5	0.6	1.8	ROSEWELL, LOTHIAN	3+	10	9	99	0.06	0.3	0.4	B	A*B	FELT ROSLIN, LASSWADE	
101086	20	19	08.4	55.86	-3.14	328.9	663.6	2.5	0.9	ROSEWELL, LOTHIAN		9	8	116	0.09	0.4	0.6	B	A*B		
111086	22	11	43.7	55.86	-3.13	329.1	663.4	2.4	0.4	ROSEWELL, LOTHIAN		8	8	116	0.08	0.5	0.8	B	A*B		
131086	16	26	41.2	49.27	-2.15	389.1	-70.5	1.5		N OF RONEZ PNT., JERSEY		5	4	270	0.08	2.3	0.6	C	B*D		
141086	19	47	34.4	55.85	-3.13	329.1	662.6	0.6	1.0	ROSEWELL, LOTHIAN		10	9	120	0.11	0.5	0.6	B	A*B		
151086	03	14	41.7	55.85	-3.14	328.9	662.1	0.3	1.2	ROSEWELL, LOTHIAN		10	9	124	0.09	0.3	0.3	B	A*B		
151086	08	10	32.6	54.43	-2.74	352.0	503.6	1.0	1.9	BANNISDALE, CUMBRIA		16	49	245	0.52	3.8	3.0	D	D*D	NORTH OF KENDAL (~10KM)	
151086	12	40	04.4	56.82	-4.97	218.7	774.1	5.0	1.1	BEN NEVIS, HIGHLAND		9	81	313	0.32	6.8	11.6	D	D*D		

Table 1 (cont'd)

CATALOGUE OF EVENTS : 1986

Listed Chronologically

Date	HrMnSecs	Lat	Lon	KmE	KmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	Q	SQD	Comments...
151086	222301.2	55.86	-3.12	329.9	663.8	5.4	0.3	ROSEWELL, LOTHIAN	7	8	184	0.02	0.2	0.3	C	A*D		
161086	011642.9	55.86	-3.10	331.0	663.2	1.6	0.0	ROSEWELL, LOTHIAN	6	9	193	0.29	3.0	3.1	D	C*D		
161086	032554.0	55.85	-3.13	329.2	662.1	0.1	0.8	ROSEWELL, LOTHIAN	8	9	123	0.08	0.4	0.4	B	A*B		
161086	043443.7	55.85	-3.14	328.9	662.2	0.1	0.3	ROSEWELL, LOTHIAN	6	9	165	0.05	0.8	0.7	B	A*C		
161086	052909.9	55.85	-3.13	329.4	662.9	2.1	0.2	ROSEWELL, LOTHIAN	7	9	117	0.06	0.4	0.7	B	A*B		
161086	134710.7	56.44	-5.28	197.9	732.1	5.6	1.6	OBAN, STRATHCLYDE	12	64	325	0.40	5.9	8.1	D	D*D	POSSIBLE OBAN AFTERSHOCK	
161086	192227.0	55.86	-3.13	329.4	663.1	1.6	0.5	ROSEWELL, LOTHIAN	8	8	116	0.07	0.4	0.6	B	A*B		
171086	103534.0	52.08	-3.42	302.9	243.7	18.6	1.9	NR BUILTH WELLS, POWYS	17	10	116	0.17	0.6	0.6	B	B*B		
171086	142327.1	55.85	-3.13	329.2	662.7	0.9	1.8	ROSEWELL, LOTHIAN	4+	12	9	101	0.10	0.4	0.4	B	A*B	FELT LASSWADE (4MSK) AND ROSLIN
171086	154012.2	49.24	-2.15	389.3	-73.1	0.0	0.5	ST.JOHN'S CH., JERSEY	6	3	212	0.04	0.2	60.6	D	C*D		
181086	000554.0	57.48	-5.35	198.9	848.0	2.0	0.4	COULIN FOREST, HIGHLAND	5	4	184	0.11	0.8	0.9	C	A*D		
201086	022806.2	55.85	-3.15	328.3	662.6	1.6	0.5	ROSEWELL, LOTHIAN	2+	10	8	124	0.22	0.8	1.3	B	B*B	FELT UNDERGROUND ROSEWELL AREA
201086	234955.1	55.85	-3.13	329.1	662.0	0.3	0.0	ROSEWELL, LOTHIAN	6	9	166	0.05	0.4	0.4	B	A*C		
211086	020613.7	56.09	-3.11	331.0	688.9	0.2	-0.2	KIRKCALDY, FIFE	7	19	176	0.26	1.9	3.1	C	B*C	OFFSHORE IN KIRKCALDY BAY	
211086	140304.3	55.85	-3.13	329.2	662.4	0.4	0.9	ROSEWELL, LOTHIAN	10	9	121	0.07	0.3	0.3	B	A*B		
221086	022611.5	55.86	-3.13	329.1	663.1	0.5	0.8	ROSEWELL, LOTHIAN	2+	10	8	118	0.14	0.8	1.0	B	A*B	FELT UNDERGROUND, ROSEWELL
221086	165320.7	55.85	-3.14	328.6	662.7	0.6	0.7	ROSEWELL, LOTHIAN	2+	9	8	122	0.18	1.2	1.5	B	B*B	FELT UNDERGROUND ROSEWELL
221086	211628.9	55.86	-3.14	328.8	663.3	0.8	0.4	ROSEWELL, LOTHIAN	7	8	170	0.15	1.7	1.7	C	B*C		
221086	233613.9	55.85	-3.14	328.6	662.9	1.2	0.5	ROSEWELL, LOTHIAN	2+	8	8	121	0.15	1.1	1.4	B	B*B	FELT UNDERGROUND ROSEWELL
231086	021106.9	57.45	-5.29	202.9	844.4	2.5	-0.6	COULIN FOREST, HIGHLAND	5	6	205	0.22	4.7	473.5	D	C*D		
231086	101110.5	55.85	-3.13	329.1	662.6	0.1	0.9	ROSEWELL, LOTHIAN	2+	9	9	120	0.07	0.3	0.3	B	A*B	FELT UNDERGROUND ROSEWELL
231086	150119.4	55.85	-3.14	329.0	662.1	0.3	0.3	ROSEWELL, LOTHIAN	8	9	124	0.10	0.5	0.6	B	A*B		
241086	011926.2	55.85	-3.13	329.1	662.4	0.2	0.8	ROSEWELL, LOTHIAN	7	9	122	0.03	0.2	0.2	B	A*B		
241086	081822.7	55.86	-3.12	329.9	663.4	2.3	0.3	ROSEWELL, LOTHIAN	7	8	113	0.16	1.1	1.6	B	B*B		
241086	091209.5	56.48	-4.59	240.5	735.0	3.0	0.6	CRIANLARICH, CENTRAL	8	36	291	0.33	8.4	15.4	D	D*D	A/S AT 09.13 GMT	
241086	095234.1	56.48	-4.58	241.2	735.2	2.5	0.6	CRIANLARICH, CENTRAL	7	36	290	0.31	8.6	15.8	D	D*D		
241086	130523.9	55.86	-3.11	330.3	664.0	2.8	0.1	ROSEWELL, LOTHIAN	8	8	109	0.19	1.0	5.6	C	C*B		
241086	143401.2	55.85	-3.13	329.4	662.4	0.5	0.7	ROSEWELL, LOTHIAN	7	9	120	0.03	0.2	0.2	B	A*B		
241086	145136.6	56.85	-4.95	220.2	777.1	5.3	1.8	SPEAN BR., HIGHLAND	15	49	125	0.18	0.8	2.6	C	B*C		
251086	032131.2	52.96	-4.39	239.4	342.6	24.1	1.4	LLEYN AFTERSHOCK	25	4	91	0.07	0.2	0.4	B	A*B		
251086	044854.3	55.85	-3.13	329.1	662.4	0.3	0.5	ROSEWELL, LOTHIAN	7	9	121	0.04	0.2	0.2	B	A*B		
261086	094222.2	55.85	-3.13	329.1	662.6	0.2	0.1	ROSEWELL, LOTHIAN	6	9	170	0.05	1.7	1.5	C	B*C		
261086	113438.8	61.89	3.23			27.5	4.4	NORTH SEA	20	89	223	1.12	11.5	12.6	D	D*D		
261086	234316.8	61.95	3.02			5.0	2.7	NORTH SEA	7270		352	0.19	15.5	10.4	D	D*D		
271086	030740.1	50.21	-5.23	169.9	39.9	9.8	0.1	E.OF CARNKIE, CORNWALL	13	3	292	0.02	0.4	0.2	C	A*D		
271086	104708.4	55.85	-3.13	329.3	662.8	1.7	0.5	ROSEWELL, LOTHIAN	8	9	119	0.08	0.4	0.7	B	A*B		
271086	172114.4	55.85	-3.13	329.2	662.7	1.9	0.3	ROSEWELL, LOTHIAN	8	9	119	0.08	0.4	0.7	B	A*B		
281086	033412.2	55.86	-3.12	329.9	663.1	3.7	0.4	ROSEWELL, LOTHIAN	8	9	114	0.09	0.5	2.1	B	B*B		
291086	115039.5	55.85	-3.14	328.9	662.3	0.3	1.0	ROSEWELL, LOTHIAN	8	9	123	0.06	0.3	0.3	B	A*B		
311086	113913.3	56.90	-5.71	174.2	785.3	1.3	0.8	SHIEL BR., W.HIGHLAND	4	8	255	0.23		C	B*D			
011186	205042.2	52.25	-3.68	285.5	262.9	18.1	0.6	CLAERWEN RESR, POWYS	4	8	249	0.04		C	A*D			
021186	194933.3	52.34	-3.14	322.5	272.5	12.5	0.4	KNIGHTON, POWYS	5	26	136	0.01	0.1	0.5	C	A*D		
041186	033048.7	55.85	-3.15	328.1	661.9	0.1	0.9	ROSEWELL, LOTHIAN	9	9	130	0.15	0.4	0.4	B	A*B		
041186	122411.2	56.08	-5.06	209.5	691.7	0.3	0.6	LOCH ECK, STRATHCLYDE	8	46	343	0.52	16.8	9.9	D	D*D	POSS. DUNOON AFTERSHOCK	
041186	165317.0	56.95	-5.89	163.2	790.7	4.7	1.1	LOCH NEVIS, W.HIGHLAND	4	5	248	0.02		C	A*D			
041186	165317.0	56.95	-5.89	163.2	790.7	4.7	1.1	L.HOURN, W.HIGHLAND	4	5	248	0.02		C	A*D			
051186	123333.8	56.03	-5.25	197.8	686.7	2.7	0.6	GLENDARUEL, STRATHCLYDE	7	59	345	0.63	22.8	37.8	D	D*D		
071186	143422.0	51.76	-3.64	286.6	208.7	9.1	1.1	GLYN-NEATH, W GLAMORGAN	5	43	255	0.16	9.2239.7	D	D*D			

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Date	HrMnSecs	Lat	Lon	KmE	KmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	Q	SQD	Comments...
071186	150713.8	56.11	-3.64	298.0	692.1	1.1	1.2	BLAIRHALL, FIFE	10	17	123	0.15	0.7	1.0	C	B*C	POSSIBLY MINING INDUCED	
071186	205034.5	56.09	-3.10	331.2	689.2	0.4-0.1		KIRKCALDY, FIFE	7	19	177	0.17	1.0	1.8	C	B*C	POSSIBLY MINING INDUCED, OFFSHORE	
071186	212439.0	53.64	-2.33	378.0	416.5	18.9	1.5	RAMSBOTTOM, LANCS.	16	58	105	0.42	1.5	7.7	D	C*D		
081186	002348.0	56.10	-3.10	331.7	689.6	0.2-0.4		KIRKCALDY, FIFE	7	20	179	0.11	0.7	1.2	B	A*C	POSSIBLY MINING INDUCED	
081186	215826.3	56.42	-4.46	248.4	728.4	12.7	0.7	CRIANLARICH, CENTRAL	6	27	279	0.19	4.1	11.2	D	C*D		
081186	233026.8	55.85	-3.14	328.5	662.2	0.2	0.9	ROSEWELL, LOTHIAN	7	9	126	0.08	0.1	0.1	B	A*B		
091186	162325.4	56.44	-4.51	245.4	730.2	3.0	0.8	CRIANLARICH, CENTRAL	5	30	286	0.15	4.7	9.9	D	C*D		
091186	193425.2	56.46	-4.51	245.6	732.1	3.0	1.0	CRIANLARICH, CENTRAL	7	31	283	0.25	7.0	13.3	D	D*D		
091186	235019.5	55.02	-2.92	341.0	570.4	2.4	0.5	LONGTOWN, CUMBRIA	11	22	312	0.33	23.5	18.1	D	D*D		
111186	014843.3	53.01	-4.42	238.0	349.2	19.0	0.7	LLEYN AFTERSHOCK	7	4	220	0.14	3.1	3.3	D	C*D		
111186	020435.0	53.09	-1.02	465.7	354.9	6.0	1.2	SOUTHWELL, NOTTS.	8	43	229	0.22	4.3	5.7	D	C*D		
111186	051732.7	55.87	-3.13	329.4	664.6	0.6	0.5	POLTON, LOTHIAN	8	7	110	0.07	0.5	0.6	B	A*B		
111186	064040.0	56.09	-3.10	331.4	689.6	0.2-0.1		KIRKCALDY, FIFE	7	20	179	0.13	0.9	1.5	B	A*C	POSSIBLY MINING INDUCED	
131186	025226.0	55.86	-3.10	330.9	663.6	6.2	0.7	BONNYRIGG, LOTHIAN	7	9	115	0.06	0.4	0.7	B	A*B		
131186	141259.1	56.16	-4.96	216.1	700.8	1.5	1.0	LOCHGOILHEAD, S/CLYDE	9	39	315	0.32	7.0	6.1	D	D*D		
151186	064442.8	55.85	-3.13	329.5	662.7	2.4	1.4	ROSEWELL, LOTHIAN	9	9	118	0.09	0.4	0.7	B	A*B		
151186	143744.9	52.97	-4.41	238.2	344.0	22.6	0.4	LLEYN AFTERSHOCK	19	2	98	0.06	0.2	0.4	B	A*B		
161186	075639.9	53.06	-4.52	231.5	354.8	15.2	0.9	LLEYN AFTERSHOCK	5	11	203	0.04	0.6	1.5	C	A*D		
191186	012220.9	52.97	-4.39	239.8	344.0	23.0	2.2	LLEYN AFTERSHOCK	23	3	84	0.08	0.3	0.7	A	A*A	FELT GWYNEDD	
191186	012544.8	52.97	-4.39	239.7	343.9	22.4	1.5	LLEYN AFTERSHOCK	21	3	84	0.06	0.2	0.6	A	A*A	FELT GWYNEDD	
191186	022350.1	52.97	-4.39	239.4	344.5	22.6	1.1	LLEYN AFTERSHOCK	24	2	82	0.10	0.4	0.6	A	A*A		
191186	125907.6	56.05	-5.09	207.4	688.1	0.9	0.6	LOCH STRIVEN, S/CLYDE	8	49	344	1.10	18.0	11.8	D	D*D		
201186	035802.0	55.85	-3.13	329.3	662.4	0.2	1.8	ROSEWELL, LOTHIAN	2+	10	9	100	0.07	0.3	0.3	B	A*B	FELT ROSLIN GLEN
211186	011132.0	55.85	-3.13	329.1	662.3	0.1	1.3	ROSEWELL, LOTHIAN	10	9	122	0.08	0.3	0.3	B	A*B		
211186	183530.8	55.89	-3.11	330.6	666.4	2.0	0.7	LASSWADE, LOTHIAN	7	6	132	0.10	0.5	0.9	B	A*B	COALFIELD TYPE EVENT	
211186	201815.0	55.74	-0.02	524.6	651.7	5.0	1.8	WESTERN NORTH SEA	15144	323	0.95	4.5	3.9	D	D*D			
251186	014404.3	55.85	-3.13	329.2	662.7	0.9	1.1	ROSEWELL, LOTHIAN	9	9	120	0.12	0.6	0.7	B	A*B		
261186	050910.1	55.91	-4.14	266.2	671.2	10.6	0.9	LENZIE, STRATHCLYDE	23	9	79	0.18	0.5	1.1	B	B*A		
261186	061348.3	56.10	-3.10	331.7	689.9	0.5-0.2		KIRKCALDY, FIFE	7	20	180	0.07	0.5	1.0	B	A*C	OFFSHORE, COALFIELD TYPE	
271186	064047.2	55.85	-3.13	329.2	662.9	2.2	1.0	ROSEWELL, LOTHIAN	7	8	118	0.06	0.4	0.6	B	A*B		
281186	004928.6	55.86	-3.11	330.2	663.2	1.7	0.1	ROSEWELL, LOTHIAN	6	9	186	0.03	0.4	0.4	C	A*D		
011286	014804.4	52.96	-4.38	240.0	343.1	20.0	0.6	LLEYN AFTERSHOCK	22	4	86	0.18	0.5	1.1	B	B*A		
011286	211250.0	54.71	-3.52	302.4	535.9	7.6	1.5	MARYPORT, CUMBRIA	16	23	186	0.41	3.5	7.9	D	C*D		
021286	145105.5	55.85	-3.14	328.9	662.5	0.5	1.1	ROSEWELL, LOTHIAN	10	9	122	0.12	0.4	0.4	B	A*B		
021286	185111.8	55.85	-3.14	328.9	662.3	0.9	1.3	ROSEWELL, LOTHIAN	9	9	123	0.08	0.4	0.5	B	A*B		
031286	111730.4	55.85	-3.13	329.1	662.0	0.4	1.7	ROSEWELL, LOTHIAN	2+	9	9	97	0.06	0.3	0.3	B	A*B	FELT ROSEWELL, UNDERGROUND
031286	132804.4	55.85	-3.13	329.5	662.7	1.6	1.5	ROSEWELL, LOTHIAN	8	9	118	0.09	0.5	1.0	B	A*B		
031286	170700.0	55.86	-3.14	328.4	663.1	1.3	0.7	ROSEWELL, LOTHIAN	7	8	121	0.03	0.2	0.3	B	A*B		
041286	103957.0	52.98	-4.42	237.6	345.8	23.6-0.2		LLEYN AFTERSHOCK	8	1	179	0.05	0.5	0.5	B	A*C		
081286	023337.8	55.85	-3.13	329.1	662.3	0.3	0.7	ROSEWELL, LOTHIAN	10	9	122	0.20	0.7	0.7	B	B*B		
091286	130644.7	55.85	-3.14	329.0	662.6	2.5	1.1	ROSEWELL, LOTHIAN	10	9	121	0.09	0.4	2.1	B	B*B		
101286	222300.1	55.87	-3.12	330.2	665.0	1.7	0.1	LASSWADE, LOTHIAN	6	7	119	0.08	0.7	1.1	B	A*B		
131286	134923.0	55.85	-3.10	330.9	662.9	2.0	0.5	ROSEWELL, LOTHIAN	6	9	169	0.06	0.3	0.4	B	A*C		
151286	201203.9	55.85	-3.14	329.0	662.6	1.6	1.4	ROSEWELL, LOTHIAN	10	9	121	0.08	0.3	0.5	B	A*B		
161286	204805.2	55.87	-3.12	330.1	664.7	0.7	0.6	LASSWADE, LOTHIAN	3+	8	7	111	0.03	0.2	0.3	B	A*B	FELT BONNYRIGG
171286	062617.8	57.43	-5.55	186.8	843.6	1.2	0.2	KINLOCHWE, HIGHLAND	5	12	214	0.06	1.1	1.1	C	B*D		
191286	021543.7	56.08-10.96		5.0	3.1	ATLANTIC, NW OF IRELAND	15329	288	0.22	7.4	6.4	D	D*D					
191286	163155.0	55.85	-3.13	329.0	662.6	2.3	1.7	ROSEWELL, LOTHIAN	5+	11	9	99	0.09	0.3	0.5	B	A*B	FELT ROSLIN(5MSK), LASSWADE, ROSEWELL

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Date	HrMnSecs	Lat	Lon	KmE	KmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	Q	SQD	Comments...
211286	170957.6	55.85	-3.13	329.4	662.6	0.6	2.3	ROSEWELL, LOTHIAN	5+	11	9	102	0.07	0.2	0.2	B	A*B	FELT ROSLIN(5MSK), L/HEAD, ROSEWELL, LASWADE
211286	225627.0	55.85	-3.14	328.7	662.3	0.1	0.3	ROSEWELL, LOTHIAN	6	9	165	0.06	3.0	3.0	C	C*C		
241286	000942.5	50.71	-3.26	311.0	91.2	5.3	2.2	NEAR SIDFORD, DEVON	13	57	206	0.20	1.1	2.9	C	B*D		
241286	054419.6	55.85	-3.12	329.9	662.9	0.8-0.2		ROSEWELL, LOTHIAN	6	9	181	0.12	2.6	2.4	D	C*D		
261286	205008.0	51.90	-1.34	445.4	223.0	23.5	2.9	OXFORD, OXFORDSHIRE	20	74	224	0.21	1.6	1.8	C	B*D		
271286	095140.2	55.87	-3.04	334.7	665.0	6.0	0.3	NEWTONGRANGE, LOTHIAN	7	11	138	0.05	0.3	1.1	B	A*C		

CATALOGUE OF EVENTS : 1986**Listed in order of decreasing latitude**

Date	HrMnSecs	Lat	KmE	KmN	Locality	Dep	Mag	Int	No	DM	Gap	RMS	ERH	ERZ	Q	SQD	Comments...
261086	234316.8	61.95	3.02	5.0	NORTH SEA	27.5	4.4	2+	7270	352	0.19	15.5	10.4	D	D*		
261086	113438.8	61.89	3.23	20	89	223	1.12	11.5	12.6	D	D*						
240986	155004.8	61.65	-3.96	295.91308.6	N.W. SHETLAND	5.0	2.2	4198	347	0.35			D	C*D			
280386	025731.7	60.94	2.60	23.7	4.0	NORTH SEA	9.55	167	0.17	2.0		3.5	C	B*D			
010986	221123.6	60.80	2.73	15.0	3.8	NORTH SEA	16.114	173	0.82	5.2		9.1	D	D*			
220986	223629.3	59.70	2.21	18.9	1.2	NORTH SEA	15.180	173	0.77	6.1		14.9	D	D*			
180486	004413.0	59.52	1.39	15.0	2.4	NORTH SEA	6.222	309	0.75	70.8		90.2	D	D*			
020286	035338.8	59.30	1.38	0.3	2.3	NORTH SEA	11.167	206	1.61	17.4		9.2	D	D*			
040186	003430.2	57.76	-5.56	188.3	879.7	4.2	2.5	4+	14.33	238	0.29	2.3	2.2	C	B*D	FELT 4MSK GAIRLOCH, 2-3	
					POOLEWE, HIGHLAND											POOLEWE, 0 L.MARIE A/S, FELT GAIRLOCH	
040186	005805.1	57.74	-5.49	192.2	877.4	2.6	1.3	POOLEWE, HIGHLAND	6	29	279	0.17	1.8	2.1	C	B*D	
090286	125509.7	57.73	-5.52	190.7	876.8	3.0	1.5	GAIRLOCH/L.MARIE, HIGHL	9	29	270	0.15	4.3	5.3	D	C*D	
040886	101639.0	57.70	-5.34	201.3	872.3	7.0	1.4	LOCH MARIE, HIGHLAND	10	22	299	0.38	5.1	2.7	D	D*	
200386	035735.4	57.53	-5.44	194.1	853.7	5.0	0.1	TORRIDON, HIGHLAND	6	9	258	0.07	1.1	3.0	C	B*D	
181086	000554.0	57.48	-5.35	198.9	848.0	2.0	0.6	COULIN FOREST, HIGHLAND	5	4	184	0.11	0.8	0.9	C	A*D	
231086	021106.9	57.45	-5.29	202.9	844.4	2.5	0.6	COULIN FOREST, HIGHLAND	5	6	205	0.22	4.7	73.5	D	C*D	
171286	062617.8	57.43	-5.55	186.8	843.6	1.2	0.2	KINLOCHEWE, HIGHLAND	5	12	214	0.06	1.1	1.1	C	B*D	
190286	030032.7	57.42	-6.42	134.4	845.1	9.8	1.5	SKYE, HIGHLAND	6	47	326	0.29	9.8	8.0	D	D*	
040786	173236.0	57.38	-5.43	194.1	837.4	2.7	0.0	LOCH CARRON, HIGHLAND	6	14	150	0.23	1.6	401.8	C	C*C	
020786	094823.0	57.24	-5.44	192.6	821.4	1.6	0.2	GLEN SHIEL, HIGHLAND	6	3	149	0.22	3.0	3.5	C	C*C	
010786	205644.3	57.22	-6.09	153.3	821.8	1.4	0.2	CUILLINS, SKYE, HIGHLAND	5	29	261	0.29	18.6	24.8	D	D*	
270486	024913.9	57.09	-5.70	175.9	805.6	3.9	0.4	KNOYDART, HIGHLAND	7	21	163	0.27	2.2	7.1	C	C*C	
140286	192141.8	57.08	-5.73	174.3	804.9	7.9	0.1	KNOYDART, HIGHLAND	5	19	212	0.21	7.8	45.7	D	D*	
160486	162357.6	57.07	-4.92	223.1	802.0	0.0	1.0	GLEN GARRY, HIGHLAND	4100	332	0.05				C	A*D	
080286	175335.7	57.06	-5.31	199.3	801.9	12.0	1.1	KNOYDART, HIGHLAND	17	18	94	0.44	2.4	4.2	C	C*B	
020486	104357.2	57.04	-5.80	169.4	800.7	5.9	1.5	KNOYDART, HIGHLAND	14	14	203	0.58	2.6	2.2	D	D*	
260386	041248.6	57.03	-5.76	172.0	799.1	2.9	1.6	KNOYDART, HIGHLAND	10	13	170	0.22	3.4	4.2	C	C*C	
090286	203343.1	57.02	-4.36	256.5	794.6	8.2	0.9	DALWHINNIE, HIGHLAND	13	73	187	0.57	2.5	685.3	D	D*	
060486	135234.0	57.01	-5.83	167.4	796.9	6.0	0.8	KNOYDART, HIGHLAND	11	10	211	0.60	12.0	9.0	D	D*	
250386	174406.9	57.00	-5.68	176.6	795.7	3.0	0.8	KNOYDART, HIGHLAND	5	13	192	0.50	1.7	0.7	D	C*D	
120486	000611.0	57.00	-5.68	176.5	796.2	3.8	0.0	KNOYDART, HIGHLAND	5	13	189	0.13	0.4	0.3	C	A*D	
300186	103256.8	57.00	-5.46	189.7	795.0	11.8	3.0	LOCH NEVIS, HIGHLAND	3+	18	24	0.25	1.2	1.8	C	B*D	FELT LOCHAILORT:3MSK, K'LOCH HOURN, K'LOCHEIL
260386	060026.3	56.99	-5.83	167.6	795.1	7.3	0.8	KNOYDART, HIGHLAND	4	8	208	0.26			C	B*D	
250386	182854.0	56.98	-5.69	175.6	794.0	1.7	0.2	KNOYDART, HIGHLAND	5	11	196	0.63	35.7	5.6	D	D*	
250386	062418.7	56.96	-5.64	178.8	790.9	2.9	0.5	KNOYDART, HIGHLAND	4	12	225	0.34			C	D	AFTERSHOCKS OF MALLAIG EVENT
270686	190654.2	56.96	-5.58	182.3	790.8	3.7	-0.1	LOCH NEVIS, HIGHLAND	5	16	235	0.42	0.3	1.0	D	C*D	
041186	165317.0	56.95	-5.89	163.2	790.7	4.7	1.1	LOCH NEVIS, W.HIGHLAND	4	5	248	0.02			C	A*D	
311086	113913.3	56.90	-5.71	174.2	785.3	1.3	0.8	L.HOURN,W.HIGHLAND	4	5	248	0.02			C	A*D	
241086	145136.6	56.85	-4.95	220.2	777.1	5.3	1.8	SHIEL BR., W.HIGHLAND	4	8	255	0.23			C	B*B	
060386	131841.1	56.84	-5.00	216.8	775.9	7.3	0.8	FORT WILLIAM,HIGHLAND	15	49	125	0.18	0.8	2.6	C	B*C	
280386	005829.4	56.83	-5.39	193.1	776.1	2.0	0.9	KNOYDART, HIGHLAND	4	28	286	0.97	0.7	2.0	C	B*D	
151086	124004.4	56.82	-4.97	218.7	774.1	5.0	1.1	BEN NEVIS, HIGHLAND	9	81	313	0.32	6.8	11.6	D	D*	
010986	221048.4	56.70	-0.57	487.7	756.8	0.0	1.6	NORTH SEA	6	153	354	1.27	91.9	32.0	D	D*	
091086	143541.3	56.68	-5.06	212.7	757.8	4.7	1.2	GLEN COE, HIGHLAND	8	70	316	0.15	16.8	35.7	D	D*	
060486	221110.8	56.67	-5.62	178.4	759.1	5.0	0.9	STRONTIAN, HIGHLAND	4	30	323	0.41			C	C*D	
200586	014011.9	56.67	-5.60	179.4	758.5	1.3	1.2	LOCH LINNHE, HIGHLAND	16	31	209	1.16	8.3	6.0	D	D*	
160786	020642.7	56.58	-5.49	185.9	748.2	0.0	0.8	LOCH LINNHE, HIGHLAND	6	83	330	0.39	38.6	29.9	D	D*	

Table 2 (cont'd)

CATALOGUE OF EVENTS : 1986

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...
180286	13	17	54.8	56.55	-7.42	67.3	753.2	5.0	1.6	S. HEBRIDES, HIGHLAND	6	105	343	0.46	39.8	38.6	D	D*D		
200786	09	23	56.1	56.52	-5.34	194.5	741.1	0.1	1.7	LOCH CRERAN, ST'CLYDE	9	72	326	0.33	11.1	8.5	D	D*D		
190586	10	48	35.4	56.51	-4.34	255.9	737.6	0.0-0.2		KILLIN, CENTRAL	5	36	276	1.10	16.8	11.5	D	D*D		
080986	04	47	41.6	56.50	-4.71	233.3	737.4	7.4	1.2	CRIANLARICH, CENTRAL	9	42	182	0.23	2.4	5.7	D	C*D		
051086	03	59	47.7	56.50	-4.49	246.4	736.5	1.5	0.6	CRIANLARICH, CENTRAL	7	36	289	0.98202.6152.7	D	D*D				
070986	23	09	02.3	56.49	-4.72	232.7	736.2	3.0	1.2	CRIANLARICH, CENTRAL	11	41	184	0.35	3.0	4.8	D	C*D	A/S 08/9 00.55,03.07, 04.23,04.31 GMT	
120986	22	39	14.6	56.49	-4.68	234.9	736.3	7.6	1.3	CRIANLARICH, CENTRAL	11	40	180	0.25	2.2317.1	D	C*D	A/S 22.50,13/9 07.15 GMT		
090986	15	54	57.2	56.49	-4.67	235.6	736.2	9.1	1.9	CRIANLARICH, CENTRAL	17	39	179	0.58	3.2	8.1	D	D*C		
120986	22	21	12.1	56.49	-4.67	235.5	735.9	8.4	1.5	CRIANLARICH, CENTRAL	15	39	180	0.30	1.8	43.7	C	C*C	F/S 12.06,22.15 GMT	
090986	03	08	47.2	56.49	-4.66	236.3	736.0	9.9	1.4	CRIANLARICH, CENTRAL	10	39	178	0.28	2.9	9.6	C	C*C		
120986	22	26	18.8	56.49	-4.66	236.4	735.9	8.0	1.1	CRIANLARICH, CENTRAL	10	39	178	0.32	1.9383.2	C	C*C			
090986	03	44	42.6	56.48	-4.64	237.6	734.7	0.0	0.8	CRIANLARICH, CENTRAL	9	37	295	0.44	38.1	28.3	D	D*D		
090986	15	54	51.7	56.48	-4.64	237.2	735.3	8.0	1.6	CRIANLARICH, CENTRAL	12	38	177	0.29	1.6358.7	C	C*C			
241086	09	12	09.5	56.48	-4.59	240.5	735.0	3.0	0.6	CRIANLARICH, CENTRAL	8	36	291	0.33	8.4	15.4	D	D*D	A/S AT 09.13 GMT	
241086	09	52	34.1	56.48	-4.58	241.2	735.2	2.5	0.6	CRIANLARICH, CENTRAL	7	36	290	0.31	8.6	15.8	D	D*D		
080986	05	49	27.1	56.48	-4.54	243.4	735.0	1.2	1.0	CRIANLARICH, CENTRAL	5	35	292	0.08	12.2	8.6	D	D*D	A/S 06.21,06.42,08.26, 10.31,12.52 GMT	
290986	01	38	45.9	56.47	-5.58	179.3	736.5	10.0	0.7	OBAN, STRATHCLYDE	2+	5	87	337	0.11	1.2	31.4	D	C*D	OBAN AFTERSHOCK, FELT KILMORE, OBAN
090986	03	18	22.8	56.47	-4.66	236.1	734.4	5.6	1.1	CRIANLARICH, CENTRAL	9	37	180	0.26	1.7	4.6	C	B*C		
080986	12	56	12.1	56.47	-4.61	239.5	734.1	0.0	1.3	CRIANLARICH, CENTRAL	8	36	293	0.46	27.1	20.3	D	D*D	A/S 12.59,13.03 GMT	
290986	01	33	36.1	56.46	-5.50	184.4	734.9	22.4	4.2	OBAN, STRATHCLYDE	5	17	78	247	0.18	1.8	2.2	C	B*D	FELT OBAN: 4-5MSK FELT AREA: 30,000 SQ KM
100986	23	30	56.3	56.46	-4.63	238.1	733.2	5.0	1.0	CRIANLARICH, CENTRAL	7	35	295	0.34	4.5	6.7	D	C*D	A/S 23.59,11/09/86 00.00, 12.19,23.08 GMT	
080986	21	59	39.8	56.46	-4.55	243.0	733.2	2.0	1.1	CRIANLARICH, CENTRAL	9	33	287	0.38	12.6	9.1	D	D*D		
070986	01	35	01.9	56.46	-4.54	243.3	733.1	0.0	0.9	CRIANLARICH, CENTRAL	10	33	287	0.48	17.7	13.5	D	D*D	A/S 12.41,22.44 GMT	
091186	19	34	25.2	56.46	-4.51	245.6	732.1	3.0	1.0	CRIANLARICH, CENTRAL	7	31	283	0.25	7.0	13.3	D	D*D		
090986	04	30	08.6	56.46	-4.50	245.9	731.9	1.0	0.8	CRIANLARICH, CENTRAL	8	31	282	0.28	15.7	11.3	D	D*D		
090986	15	56	14.1	56.46	-4.50	246.0	732.6	1.0	1.2	CRIANLARICH, CENTRAL	6	32	287	0.28	13.6	10.1	D	D*D		
160986	12	58	56.2	56.46	-4.48	247.0	732.4	2.3	1.1	CRIANLARICH, CENTRAL	6	31	280	0.29	35.2	25.9	D	D*D	F/S 12.26, A/S 15.33 GMT	
290986	01	51	23.3	56.45	-5.42	189.2	733.8	10.0	0.8	OBAN, STRATHCLYDE	6	79	334	0.08	5.3143.3	D	D*D	OBAN AFTERSHOCK; SMALL A/S 02:10 GMT (0.3ML)		
090986	18	13	51.0	56.45	-4.51	245.6	731.2	4.2	1.0	CRIANLARICH, CENTRAL	7	31	283	0.26	9.9	17.0	D	D*D	A/S 23.00,10/09/86 04.07, 23.30 GMT	
080986	13	19	12.7	56.45	-4.50	245.9	731.9	0.0	1.0	CRIANLARICH, CENTRAL	8	31	282	0.19	19.0	13.9	D	D*D	A/S 14.00 GMT	
080986	15	00	10.0	56.45	-4.50	245.8	731.8	0.9	1.2	CRIANLARICH, CENTRAL	7	31	282	0.27	33.8	25.5	D	D*D	A/S 15.01,15.11,19.28, 19.34,21.30 GMT	
161086	13	47	10.7	56.44	-5.28	197.9	732.1	5.6	1.6	OBAN, STRATHCLYDE	12	64	325	0.40	5.9	8.1	D	D*D	POSSIBLE OBAN AFTERSHOCK	
091186	16	23	25.4	56.44	-4.51	245.4	730.2	3.0	0.8	CRIANLARICH, CENTRAL	5	30	286	0.15	4.7	9.9	D	C*D		
080986	13	15	2.0	56.44	-4.48	246.9	730.6	1.9	1.3	CRIANLARICH, CENTRAL	6	30	280	0.18	24.8	18.0	D	D*D		
170986	15	55	05.7	56.44	-4.48	247.1	730.3	2.7	0.7	CRIANLARICH, CENTRAL	7	29	280	0.30	3.6	4.0	D	C*D		
160986	02	22	34.7	56.44	-4.34	255.5	729.6	1.5	0.6	CRIANLARICH, CENTRAL	6	28	262	0.42	28.3	18.1	D	D*D	F/S 15/9 15.02,20.47, 22.04 GMT	
290986	02	42	03.0	56.43	-5.58	179.5	732.0	14.9	0.8	OBAN, STRATHCLYDE	2+	9	81	306	0.18	2.6	2.2	D	C*D	OBAN AFTERSHOCK, FELT OBAN
190986	01	37	17.3	56.43	-4.50	246.0	729.4	3.0	0.3	CRIANLARICH, CENTRAL	6	29	282	0.22	11.8	24.4	D	D*D	A/S 22/9 06.45,07.00 GMT 09.51 GMT	
150986	07	50	29.6	56.43	-4.49	246.5	728.8	3.4	1.5	CRIANLARICH, CENTRAL	8	28	281	0.34	8.6	17.0	D	D*D	F/S 06.55,06.56(X3),06.57	

Table 2 (cont'd)

CATALOGUE OF EVENTS : 1986

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...
080986	051955.5	56.43	-4.48	246.9	729.7	1.5	0.7	CRIANLARICH, CENTRAL		6	29	280	0.29	2.2	1.6	C	B*D	A/S 05.48 GMT
290986	014841.3	56.42	-5.51	183.4	730.5	6.0	1.2	OBAN, STRATHCLYDE	2+	11	77	304	0.15	5.9	12.5	D	D*D	OBAN AFTERSHOCK, FELT OBAN, KILMORE, LISMORE
081186	215826.3	56.42	-4.46	248.4	728.4	12.7	0.7	CRIANLARICH, CENTRAL		6	27	279	0.19	4.1	11.2	D	C*D	
090986	050311.5	56.42	-4.41	251.2	727.5	2.1	0.5	CRIANLARICH, CENTRAL		8	26	270	0.40	17.8	11.7	D	D*D	A/S 08.16 GMT
290986	021625.4	56.40	-5.53	182.1	729.1	10.0	0.8	OBAN, STRATHCLYDE		11	78	305	0.41	4.3	7.1	D	C*D	OBAN AFTERSHOCK
260386	195344.8	56.40	-4.13	268.6	725.6	2.3-0.3		LOCH EARN, TAYSIDE		5	27	226	0.09	0.3	0.1	C	A*D	
080986	172139.8	56.40	-4.00	276.4	724.6	2.6	0.5	COMRIE, TAYSIDE	2+	6	20	204	0.21	2.2357.5	5	D	C*D	FELT COMRIE
190486	161907.2	56.40	-3.98	278.1	724.5	3.1	1.0	COMRIE, TAYSIDE	3+	11	18	199	0.27	1.7	3.5	C	B*D	FELT WIDELY IN COMRIE. BANG HEARD.
280986	124115.0	56.39	-5.56	180.5	727.2	9.5	1.7	OBAN, STRATHCLYDE	2+	12	61	238	0.18	2.1	2.5	C	B*D	FELT ON ISLE OF KERRERA; OBAN FORESHOCK
080186	183951.8	56.39	-4.17	266.3	724.1	2.2	0.8	LOCH EARN, TAYSIDE		9	25	227	0.31	2.0	1.6	D	C*D	
080986	230457.5	56.39	-4.02	275.2	724.1	2.7	0.3	COMRIE, TAYSIDE		7	21	205	0.19	1.9	11.3	D	C*D	
310886	190211.6	56.39	-4.00	276.7	723.4	2.7	0.3	COMRIE, TAYSIDE		6	20	198	0.24	2.7412.6	D	C*D	POSSIBLY FELT COMRIE	
070986	162456.5	56.39	-4.00	276.6	723.7	2.7	0.5	COMRIE, TAYSIDE	2+	8	20	200	0.24	2.1	6.7	D	C*D	FELT COMRIE (2MSK)
070986	223540.2	56.39	-4.00	276.6	723.3	7.0	0.0	COMRIE, TAYSIDE		7	20	198	0.19	3.7	4.9	D	C*D	POSSIBLY FELT COMRIE
041086	235951.1	56.38	-3.99	277.3	723.1	2.5	1.0	COMRIE, TAYSIDE	2+	10	20	195	0.24	1.5	3.4	C	B*D	FELT COMRIE
080986	161649.0	56.38	-3.98	278.0	722.4	3.1	1.7	COMRIE, TAYSIDE	2+	21	19	91	0.39	1.0	2.0	C	C*C	FELT COMRIE
050986	170132.4	56.38	-3.97	278.2	722.2	3.6	1.6	COMRIE, TAYSIDE	3+	21	19	90	0.39	1.0	1.9	C	C*C	FELT COMRIE (3MSK)
031086	104129.9	56.37	-5.49	184.6	725.3	7.2	1.1	OBAN, STRATHCLYDE		5	74	338	0.11	84.0186.1	D	D*D	OBAN AFTERSHOCK	
120686	043825.5	56.37	-5.26	198.5	724.7	0.0	1.5	LOCH NANT, STRATHCLYDE		15	61	213	0.68	6.6	6.6	D	D*D	
170986	100323.8	56.34	-5.40	189.6	721.3	7.2	0.6	OBAN, STRATHCLYDE		6	68	337	1.18	45.2	89.7	D	D*D	OBAN FORESHOCK
280986	135748.5	56.33	-5.53	181.8	721.1	10.0	1.0	OBAN, STRATHCLYDE	2+	5	75	340	0.25	2.0	1.5	C	B*D	FELT ON ISLE OF KERRERA; OBAN FORESHOCK
300586	224106.1	56.24	-3.72	293.2	707.1	8.0-0.1		GLENIEAGLES, TAYSIDE		10	13	101	0.20	0.9	5.4	C	C*B	
031086	095725.7	56.23	-4.88	221.2	707.3	2.0	0.3	LOCHGOILHEAD, S/CLYDE		6	34	332	0.17	19.2	14.8	D	D*D	
240686	232230.1	56.21	-3.32	318.1	702.9	1.2	0.5	LOCH LEVEN, TAYSIDE		6	12	205	0.30	6.4	2.7	D	D*D	
050286	154536.8	56.18	-4.65	235.2	701.5	3.7	0.9	BEN LOMOND, STRATHCLYDE		9	20	232	0.22	2.0	4.7	C	B*D	
131186	141259.1	56.16	-4.96	216.1	700.8	1.5	1.0	LOCHGOILHEAD, S/CLYDE		9	39	315	0.32	7.0	6.1	D	D*D	
290586	115821.3	56.15	-3.70	294.4	696.4	1.2	0.3	DOLLAR, CENTRAL		9	16	121	0.11	0.5	0.8	B	A*C	
020186	221107.4	56.13	-3.98	277.0	694.9	2.7	0.1	STIRLING, CENTRAL REGN		6	23	220	0.09	1.2156.4	D	C*D		
060686	154730.8	56.13	-3.68	295.9	694.2	0.0	0.9	FOREST MILL, FIFE		9	17	122	0.18	1.0	1.9	C	B*C	
100386	153946.8	56.13	-3.65	297.6	694.8	1.3	0.6	FOREST MILL, FIFE		8	15	125	0.12	0.6	0.9	B	A*C	
200686	150031.2	56.13	-3.65	297.2	694.5	0.0	0.5	BLACK DEVON, FIFE		11	16	119	0.13	0.5	1.0	B	A*C	
200686	150003.2	56.13	-3.64	298.0	694.7	2.3	0.6	BLACK DEVON, FIFE		11	15	118	0.39	1.3	2.2	C	C*C	
230586	172830.8	56.13	-3.62	299.5	693.9	1.4	0.6	SALINE, FIFE		6	15	189	0.29	1.9	2.3	C	B*D	
020786	153949.6	56.12	-3.65	297.2	692.9	5.8	0.5	FOREST MILL, CENTRAL		7	17	122	0.12	1.1	2.4	C	B*C	FIFE COAL FIELD EVENT
230586	172835.4	56.12	-3.61	299.9	693.6	0.0	0.9	SALINE, FIFE		9	15	116	0.05	0.3	0.4	B	A*C	
071186	150713.8	56.11	-3.64	298.0	692.1	1.1	1.2	BLAIRHALL, FIFE		10	17	123	0.15	0.7	1.0	C	B*C	POSSIBLY MINING INDUCED
090686	135956.5	56.10	-4.80	225.8	692.8	13.7	0.6	GARELOCHHEAD, ST' CLYDE		6	28	258	0.07	2.2	3.4	C	B*D	
200886	133012.5	56.10	-3.64	297.7	690.4	0.5	1.0	BLAIRHALL, FIFE		9	19	126	0.27	1.1	2.0	C	B*C	FIFE COALFIELD AREA.
081186	002348.0	56.10	-3.10	331.7	689.6	0.2-0.4		KIRKCALDY, FIFE		7	20	179	0.11	0.7	1.2	B	A*C	POSSIBLY MINING INDUCED
261186	061348.3	56.10	-3.10	331.7	689.9	0.5-0.2		KIRKCALDY, FIFE		7	20	180	0.07	0.5	1.0	B	A*C	OFFSHORE, COALFIELD TYPE
041086	063345.7	56.10	-3.09	332.2	689.8	0.1-0.3		KIRKCALDY, FIFE		9	20	181	0.10	0.6	0.9	C	A*D	OFFSHORE
211086	020613.7	56.09	-3.11	331.0	688.9	0.2-0.2		KIRKCALDY, FIFE		7	19	176	0.26	1.9	3.1	C	B*C	OFFSHORE IN KIRKCALDY BAY
031086	041306.1	56.09	-3.10	331.8	689.4	2.6	0.0	KIRKCALDY, FIFE		6	20	179	0.07	0.7127.5	C	C*C	OFFSHORE	
071186	205034.5	56.09	-3.10	331.2	689.2	0.4-0.1		KIRKCALDY, FIFE		7	19	177	0.17	1.0	1.8	C	B*C	POSSIBLY MINING INDUCED, OFFSHORE

Table 2 (cont'd)

CATALOGUE OF EVENTS : 1986

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...
111186	064040.0	56.09	-3.10	331.4	689.6	0.2-0.1	KIRKCALDY, FIFE		7	20	179	0.13	0.9	1.5	B	A*C	POSSIBLY MINING INDUCED	
180886	163709.2	56.08	-5.16	203.5	692.1	0.0	1.3	GLENDARUEL, STRATHCLYDE	10	52	320	0.30	20.6	15.7	D	D*D		
041186	122411.2	56.08	-5.06	209.5	691.7	0.3	0.6	LOCH ECK, STRATHCLYDE	8	46	343	0.52	16.8	9.9	D	D*D	POSS. DUNOON AFTERSHOCK	
191286	021543.7	56.08	-10.96			5.0	3.1	ATLANTIC, NW OF IRELAND	15329	288	0.22	7.4	6.4	D	D*D			
060286	140235.4	56.05	-5.11	206.6	689.1	2.1	0.7	GLENDARUEL, STRATHCLYDE	10	32	297	0.15	6.3	5.4	D	D*D		
191186	125907.6	56.05	-5.09	207.4	688.1	0.9	0.6	LOCH STRIVEN, S/CLYDE	8	49	344	1.10	18.0	11.8	D	D*D		
051186	123333.8	56.03	-5.25	197.8	686.7	2.7	0.6	GLENDARUEL, STRATHCLYDE	7	59	345	0.63	22.8	37.8	D	D*D		
110986	145506.4	56.01	-5.05	209.8	684.2	0.0	0.7	DUNOON, STRATHCLYDE	7	48	344	0.73	12.3	8.5	D	D*D		
030986	031313.3	55.98	-3.07	333.2	676.5	0.0	0.3	MUSSELBURGH, LOTHIAN	6	9	297	0.21	2.3	1.2	C	B*D	OFFSHORE.	
020986	155410.3	55.97	-3.08	332.8	675.6	1.1	0.4	MUSSELBURGH, LOTHIAN	6	9	295	0.24	3.1	1.6	D	C*D	OFFSHORE.	
020986	194655.1	55.97	-3.07	333.4	675.4	0.9	0.3	MUSSELBURGH, LOTHIAN	6	9	295	0.22	2.9	1.5	D	C*D	OFFSHORE.	
080986	215058.7	55.97	-3.05	334.3	675.5	0.7	0.0	MUSSELBURGH, LOTHIAN	6	10	297	0.27	3.6	2.0	D	C*D	OFFSHORE	
030986	012303.7	55.96	-3.08	332.3	674.3	1.4	0.4	MUSSELBURGH, LOTHIAN	6	7	291	0.18	2.5	1.1	D	C*D	OFFSHORE.	
130986	062959.5	55.95	-3.08	332.6	673.1	0.7	0.3	MUSSELBURGH, LOTHIAN	8	7	135	0.25	1.3	1.5	B	B*B		
030986	064335.1	55.94	-3.11	330.6	672.9	6.2	0.3	JOPPA, LOTHIAN	7	5	212	0.23	2.3	2.5	C	B*D		
090586	201736.8	55.94	-3.07	333.2	672.5	0.0-0.4	MUSSELBURGH, LOTHIAN	8	8	200	0.31	1.3	1.2	D	C*D			
261186	050910.1	55.91	-4.14	266.2	671.2	10.6	0.9	LENZIE, STRATHCLYDE	23	9	79	0.18	0.5	1.1	B	B*A		
180686	225254.2	55.91	-3.08	332.3	669.2	0.2	1.2	MILLERHILL, LOTHIAN	4	13	7	85	0.24	0.9	0.9	B	B*B	FELT DANDERHALL (4 MSK)
090986	061950.3	55.91	-3.08	332.5	668.9	0.0	0.3	MILLERHILL, LOTHIAN		6	7	247	0.08	1.8	1.0	C	B*D	
030986	203250.9	55.90	-3.14	329.0	667.7	4.9	0.1	GILMERTON, LOTHIAN		5	4	205	0.01	0.0	0.0	C	A*D	
211186	183530.8	55.89	-3.11	330.6	666.4	2.0	0.7	LASSWADE, LOTHIAN		7	6	132	0.10	0.5	0.9	B	A*B	COALFIELD TYPE EVENT
080286	211520.0	55.88	-3.10	331.2	665.7	1.4-0.1	LASSWADE, MIDLOTHIAN		6	7	212	0.11	3.6	2.4	D	C*D		
180486	170057.9	55.87	-3.45	309.5	665.0	4.9	0.6	HARPERRIG RESR, LOTHIAN		10	3	113	0.22	1.8	1.8	B	B*B	
210686	070600.5	55.87	-3.14	328.8	664.1	0.4	0.5	ROSEWELL, LOTHIAN		8	7	113	0.12	0.8	1.0	B	A*B	
260686	012436.3	55.87	-3.13	329.4	664.2	5.4	0.4	ROSEWELL, LOTHIAN		6	7	182	0.10	1.3	3.0	C	B*D	
111186	051732.7	55.87	-3.13	329.4	664.6	0.6	0.5	POLTON, LOTHIAN		8	7	110	0.07	0.5	0.6	B	A*B	
300586	214954.9	55.87	-3.12	330.2	664.7	1.0	1.1	POLTON, LOTHIAN	2+	8	7	111	0.05	0.4	0.4	B	A*B	FELT POLTON, LASSWADE.
150786	004521.4	55.87	-3.12	329.8	664.4	6.2-0.3	POLTON, LOTHIAN		4	7	188	0.00			C	A*D		
101286	222300.1	55.87	-3.12	330.2	665.0	1.7	0.1	LASSWADE, LOTHIAN		6	7	119	0.08	0.7	1.1	B	A*B	
161286	204805.2	55.87	-3.12	330.1	664.7	0.7	0.6	LASSWADE, LOTHIAN	3+	8	7	111	0.03	0.2	0.3	B	A*B	FELT BONNYRIGG
300586	132021.5	55.87	-3.11	330.5	664.3	1.1	0.2	LASSWADE, LOTHIAN		6	8	195	0.07	1.3	1.1	C	B*D	
130886	022649.5	55.87	-3.11	330.7	664.5	2.4	0.4	LASSWADE, LOTHIAN		7	8	190	0.18	1.6	1.8	C	B*D	
060386	053526.0	55.87	-3.09	332.1	664.8	7.5	0.0	LASSWADE, LOTHIAN		6	9	214	0.05	1.0	0.7	C	A*D	
190586	135941.7	55.87	-3.09	331.6	664.5	6.0	0.3	LASSWADE, LOTHIAN		7	8	124	0.14	1.0	2.2	B	B*B	
030786	201826.7	55.87	-3.09	331.9	664.6	7.3	0.1	ESKBANK, LOTHIAN		6	9	210	0.04	0.9	0.6	C	A*D	
271286	095140.2	55.87	-3.04	334.7	665.0	6.0	0.3	NEWTONGRANGE, LOTHIAN		7	11	138	0.05	0.3	1.1	B	A*C	
040286	124958.8	55.86	-3.46	308.8	663.7	6.6	0.7	HARPERRIG RES, LOTHIAN		7	2	130	0.05	0.6	0.4	B	A*B	
080386	145152.5	55.86	-3.14	328.7	663.1	4.1	1.0	ROSEWELL, LOTHIAN		8	8	119	0.15	0.8	3.9	B	B*B	
130886	202626.5	55.86	-3.14	328.9	663.4	0.8	0.0	ROSEWELL, LOTHIAN		5	8	117	0.15	2.6	3.7	D	C*D	NW OF ROSEWELL, FIRST OF "DOUBLE" EVENT
101086	201908.4	55.86	-3.14	328.9	663.6	2.5	0.9	ROSEWELL, LOTHIAN		9	8	116	0.09	0.4	0.6	B	A*B	
221086	211628.9	55.86	-3.14	328.8	663.3	0.8	0.4	ROSEWELL, LOTHIAN		7	8	170	0.15	1.7	1.7	C	B*C	
031286	170700.0	55.86	-3.14	328.4	663.1	1.3	0.7	ROSEWELL, LOTHIAN		7	8	121	0.03	0.2	0.3	B	A*B	
070386	075049.7	55.86	-3.13	329.5	663.1	1.6	1.1	ROSEWELL, LOTHIAN		10	8	116	0.12	0.4	0.7	B	A*B	
180486	072848.1	55.86	-3.13	329.0	663.5	1.3	0.5	ROSEWELL, LOTHIAN		8	8	116	0.10	0.8	0.9	B	A*B	
100586	004410.8	55.86	-3.13	329.3	663.3	0.6	0.2	ROSEWELL, LOTHIAN		7	8	116	0.09	0.8	1.0	B	A*B	
160586	062004.9	55.86	-3.13	329.1	663.1	0.0-0.1	ROSEWELL, LOTHIAN		4	8	173	0.04			C	A*D		
210686	162819.7	55.86	-3.13	329.4	663.4	1.4	1.3	ROSEWELL, LOTHIAN		7	8	115	0.03	0.2	0.3	B	A*B	
020786	004013.6	55.86	-3.13	329.4	663.9	4.5	0.7	POLTON, LOTHIAN		7	8	112	0.09	0.5	1.9	B	A*B	
270886	023918.9	55.86	-3.13	329.5	663.4	1.9	0.9	ROSEWELL, LOTHIAN		9	8	114	0.06	0.3	0.5	B	A*B	

CATALOGUE OF EVENTS : 1986

Listed in order of decreasing latitude

Date	HrMnSecs	Lat	Lon	KmE	KmN	Locality	Dep Mag	Int No	DM Gap	RMS	ERH	ERZ	Q SQD	Comments . . .
11/08/6	221143.7	55.886	-3.13	329.1	663.4	ROSEWELL, LOTHIAN	2.4 0.4	8	116 0.08	0.5	0.8	B A*B		
16/08/6	192227.0	55.886	-3.13	329.4	663.1	ROSEWELL, LOTHIAN	1.6 0.5	8	116 0.07	0.4	0.6	B A*B		
22/08/6	022611.5	55.886	-3.13	329.1	663.1	ROSEWELL, LOTHIAN	0.5 0.8	8	118 0.14	0.3	1.0	B A*B	FELT UNDERGROUND, ROSEWELL	
01/08/6	191344.3	55.886	-3.12	330.1	663.3	ROSEWELL, MIDLOTHIAN	1.6 0.6	8	112 0.05	0.3	0.5	B A*B		
13/08/6	211036.6	55.886	-3.12	329.9	663.2	ROSEWELL, MIDLOTHIAN	0.2 0.5	8	113 0.04	0.3	0.3	B A*B		
28/08/6	000135.0	55.886	-3.12	329.7	663.1	ROSEWELL, LOTHIAN	3.3 0.2	8	180 0.09	0.2	2.2	C B*C		
15/08/6	075012.5	55.886	-3.12	330.0	663.2	ROSEWELL, LOTHIAN	2.3-0.2	5	9 183 0.04	0.3	0.2	C A*D		
23/08/6	044550.0	55.886	-3.12	329.7	663.4	ROSEWELL, LOTHIAN	0.0-0.3	5	181 0.04	47.7	39.4	D D*D		
09/08/6	021101.4	55.886	-3.12	329.9	663.6	ROSEWELL, LOTHIAN	1.1 0.4	7	8 112 0.19	1.1	1.2	B B*B		
09/08/6	042448.0	55.886	-3.12	330.0	663.5	ROSEWELL, LOTHIAN	2.4 0.0	6	8 185 0.08	0.5	0.5	C A*D		
19/08/6	182057.1	55.886	-3.12	330.1	663.1	ROSEWELL, LOTHIAN	1.0 0.2	7	9 113 0.13	0.8	1.0	B A*B		
10/08/6	144404.8	55.886	-3.12	330.1	663.5	ROSEWELL, LOTHIAN	2.8 0.4	6	8 186 0.04	0.7	13.6	D C*D		
19/08/6	000508.6	55.886	-3.12	330.1	663.5	ROSEWELL, LOTHIAN	2.3 0.2	7	8 111 0.08	0.5	0.7	B A*B		
25/08/6	160021.4	55.886	-3.12	330.1	663.3	ROSEWELL, LOTHIAN	0.2 0.1	7	8 184 0.14	2.0	1.6	C B*D		
13/08/6	202627.5	55.886	-3.12	330.2	663.6	ROSEWELL, LOTHIAN	5.0 0.5	6	8 184 0.22	2.9	3.7	D C*D	SECOND OF "DOUBLE". POOR LOCATION AS OBSCURED	
24/08/6	035224.8	55.886	-3.12	330.0	663.5	ROSEWELL, LOTHIAN	2.5 0.3	7	8 111 0.06	0.3	0.5	B A*B		
30/08/6	101228.8	55.886	-3.12	330.2	663.3	ROSEWELL, LOTHIAN	6.6 0.3	7	9 112 0.09	0.7	0.8	B A*B		
03/10/6	034913.6	55.886	-3.12	330.0	663.3	ROSEWELL, LOTHIAN	2.3 0.4	8	8 112 0.13	0.7	1.2	B A*B		
08/10/6	075500.0	55.886	-3.12	330.0	663.1	ROSEWELL, LOTHIAN	0.2 0.4	6	9 182 0.05	5.7	4.5	D D*D		
15/10/6	222301.2	55.886	-3.12	329.9	663.8	ROSEWELL, LOTHIAN	5.4 0.3	7	8 184 0.02	0.2	0.3	C A*D		
24/10/6	081822.7	55.886	-3.12	329.9	663.4	ROSEWELL, LOTHIAN	2.3 0.3	7	8 113 0.16	1.1	1.6	B B*B		
28/10/6	033412.2	55.886	-3.12	329.9	663.1	ROSEWELL, LOTHIAN	3.7 0.4	8	114 0.09	0.5	2.1	B B*B		
10/04/8/6	222651.6	55.886	-3.11	330.2	663.3	ROSEWELL, LOTHIAN	0.5 1.3	8	9 111 0.09	0.4	0.4	B A*B	FELT BETWEEN ROSEWELL & ST. JOSEPH'S HOSPITAL	
17/04/8/6	045909.6	55.886	-3.11	330.7	664.0	0.0-0.1 LASSWADE, LOTHIAN	0.0-0.1	6	8 195 0.10	0.4	0.3	C A*D		
07/06/8/6	111740.2	55.886	-3.11	330.5	663.2	ROSEWELL, LOTHIAN	1.6-0.1	6	9 189 0.02	0.2	0.2	C A*D		
09/06/8/6	200019.3	55.886	-3.11	330.6	663.3	ROSEWELL, LOTHIAN	0.2 0.0	6	9 191 0.08	4.0	4.0	D D*D		
23/06/8/6	193914.5	55.886	-3.11	330.2	663.3	ROSEWELL, LOTHIAN	0.8 0.9	6	9 110 0.06	0.3	0.3	B A*B		
13/09/8/6	175917.3	55.886	-3.11	330.6	663.6	BONNYRIGG, LOTHIAN	2.4 0.9	8	108 0.12	0.6	1.1	B A*B		
24/10/8/6	130523.9	55.886	-3.11	330.3	664.0	ROSEWELL, LOTHIAN	2.8 0.1	8	109 0.19	1.0	5.6	C C*B		
28/11/8/6	004928.6	55.886	-3.11	330.2	663.2	ROSEWELL, LOTHIAN	1.7 0.1	6	9 186 0.03	0.4	0.4	C A*D		
31/03/8/6	015010.0	55.886	-3.10	331.1	663.8	1.5-0.1 LASSWADE, LOTHIAN	1.5-0.1	5	9 199 0.05	1.0	0.8	C A*D		
28/04/8/6	001827.8	55.886	-3.10	331.5	663.9	0.0-0.4 LASSWADE, LOTHIAN	0.0-0.4	6	9 202 0.10	3.3	2.1	D C*D		
20/05/8/6	170457.0	55.886	-3.10	330.8	663.9	0.0-0.4 LASSWADE, LOTHIAN	2.0 0.1	6	8 196 0.09	0.8	0.9	C A*D		
17/06/8/6	234013.9	55.886	-3.10	331.3	663.7	ROSEWELL, LOTHIAN	3.9 0.1	5	9 200 0.04	0.8	2.8	C B*D		
23/06/8/6	211648.0	55.886	-3.10	331.1	663.4	0.0 0.0 ROSEWELL, LOTHIAN	1.7 0.0	5	9 197 0.05	4.4	2.7	D C*D		
16/10/8/6	011642.9	55.886	-3.10	331.0	663.8	1.6 0.0 ROSEWELL, LOTHIAN	1.6 0.0	6	9 193 0.29	3.1	3.0	C C*D		
13/11/8/6	025226.0	55.886	-3.10	330.9	663.6	6.2 0.0 BONNYRIGG, LOTHIAN	6.2 0.0	7	9 115 0.06	0.4	0.7	B A*B		
17/07/8/6	103910.2	55.886	-3.09	331.7	663.6	0.0-0.4 POLTON, LOTHIAN	0.0-0.4	7	9 119 0.11	1.0	1.6	B B*B		
17/03/8/6	160548.8	55.886	-3.08	332.4	663.9	2.6 0.5 NEWTONGRANGE, LOTHIAN	2.6 0.5	6	9 124 0.23	2.0	2.0	C C*B		
14/02/8/6	163904.9	55.885	-3.07	331.2	662.3	2.4 0.0 HARPERRIG RES., LOTHIAN	2.4 0.0	6	2 156 0.05	9.8	8.8	D D*C		
25/09/8/6	060925.6	55.885	-3.16	327.5	662.3	0.0-0.1 ROSWELL, LOTHIAN	0.0-0.1	5	9 151 0.06	3.1	4.3	C C*D		
26/04/8/6	122120.7	55.885	-3.15	327.7	662.1	0.0-0.2 ROSEWELL, LOTHIAN	0.0-0.2	5	9 152 0.08	4.8	6.1	D C*D		
26/05/8/6	031940.8	55.885	-3.15	327.7	662.2	0.0 0.0 ROSEWELL, LOTHIAN	0.0 0.0	6	9 153 0.07	2.4	2.7	C B*C		
17/06/8/6	040313.1	55.885	-3.15	328.2	662.0	0.0 0.2 ROSEWELL, LOTHIAN	0.0 0.2	7	9 128 0.25	0.6	0.7	B B*B		
09/10/8/6	131523.4	55.885	-3.15	328.2	662.6	2.3 0.4 ROSEWELL, LOTHIAN	2.3 0.4	7	8 160 0.12	0.9	1.1	B A*C		
20/10/8/6	022806.2	55.885	-3.15	328.3	662.6	1.6 0.5 ROSEWELL, LOTHIAN	1.6 0.5	10	8 124 0.22	0.8	1.3	B B*B	FELT UNDERGROUND ROSEWELL AREA	
04/11/8/6	033048.7	55.885	-3.15	328.1	661.9	0.1 0.9 ROSEWELL, LOTHIAN	0.1 0.9	9	9 130 0.15	0.4	0.4	B A*B		

Table 2 (cont'd)

CATALOGUE OF EVENTS : 1986

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...
300486	200112.2	55.85	-3.14	328.9	662.5	0.0	0.0	ROSEWELL, LOTHIAN	6	9	167	0.11	4.5	4.3	C	C*C		
100586	070642.3	55.85	-3.14	328.8	662.9	2.5	0.1	ROSEWELL, LOTHIAN	6	8	120	0.04	0.2	0.3	B	A*B		
110986	030313.0	55.85	-3.14	328.7	662.6	0.0	0.4	ROSEWELL, LOTHIAN	6	9	166	0.05	2.0	2.0	C	B*C		
170986	044723.2	55.85	-3.14	328.7	662.7	0.1	0.2	ROSEWELL, LOTHIAN	6	8	167	0.07	5.5	5.3	D	D*C		
250986	120209.8	55.85	-3.14	328.9	662.4	0.0	0.3	ROSEWELL, LOTHIAN	6	9	167	0.10	3.1	3.0	C	C*C		
270986	051605.2	55.85	-3.14	329.0	662.4	0.3	1.6	ROSEWELL, LOTHIAN	11	9	98	0.08	0.3	0.2	B	A*B		
270986	061408.3	55.85	-3.14	328.7	662.4	0.0	1.1	ROSEWELL, LOTHIAN	9	9	124	0.19	0.8	0.8	B	B*B		
300986	035709.7	55.85	-3.14	329.0	662.9	1.2	0.3	ROSEWELL, LOTHIAN	7	8	119	0.18	1.6	1.9	B	B*B		
051086	004749.6	55.85	-3.14	328.7	662.4	0.0-0.2		ROSEWELL, LOTHIAN	6	9	164	0.14	4.2	4.2	C	C*C		
081086	160654.0	55.85	-3.14	328.8	662.2	0.4	1.8	ROSEWELL, LOTHIAN	4+	11	9	97	0.10	0.2	0.2	B	A*B	FELT ROSEWELL UNDERGROUND AT 329.0/663.0, ROSLIN
081086	164505.3	55.85	-3.14	328.7	662.3	0.1	0.9	ROSEWELL, LOTHIAN	9	9	124	0.10	0.4	0.4	B	A*B		
151086	031441.7	55.85	-3.14	328.9	662.1	0.3	1.2	ROSEWELL, LOTHIAN	10	9	124	0.09	0.3	0.3	B	A*B		
161086	043443.7	55.85	-3.14	328.9	662.2	0.1	0.3	ROSEWELL, LOTHIAN	6	9	165	0.05	0.8	0.7	B	A*C		
221086	165320.7	55.85	-3.14	328.6	662.7	0.6	0.7	ROSEWELL, LOTHIAN	2+	9	8	122	0.18	1.2	1.5	B	B*B	FELT UNDERGROUND ROSEWELL
221086	233613.9	55.85	-3.14	328.6	662.9	1.2	0.5	ROSEWELL, LOTHIAN	2+	8	8	121	0.15	1.1	1.4	B	B*B	FELT UNDERGROUND ROSEWELL
231086	150119.4	55.85	-3.14	329.0	662.1	0.3	0.3	ROSEWELL, LOTHIAN	8	9	124	0.10	0.5	0.6	B	A*B		
291086	115039.5	55.85	-3.14	328.9	662.3	0.3	1.0	ROSEWELL, LOTHIAN	8	9	123	0.06	0.3	0.3	B	A*B		
081186	233026.8	55.85	-3.14	328.5	662.2	0.2	0.9	ROSEWELL, LOTHIAN	7	9	126	0.08	0.1	0.1	B	A*B		
021286	145105.5	55.85	-3.14	328.9	662.5	0.5	1.1	ROSEWELL, LOTHIAN	10	9	122	0.12	0.4	0.4	B	A*B		
021286	185111.8	55.85	-3.14	328.9	662.3	0.9	1.3	ROSEWELL, LOTHIAN	9	9	123	0.08	0.4	0.5	B	A*B		
091286	130644.7	55.85	-3.14	329.0	662.6	2.5	1.1	ROSEWELL, LOTHIAN	10	9	121	0.09	0.4	2.1	B	B*B		
151286	201203.9	55.85	-3.14	329.0	662.6	1.6	1.4	ROSEWELL, LOTHIAN	10	9	121	0.08	0.3	0.5	B	A*B		
211286	225627.0	55.85	-3.14	328.7	662.3	0.1	0.3	ROSEWELL, LOTHIAN	6	9	165	0.06	3.0	3.0	C	C*C		
020386	201652.4	55.85	-3.13	329.5	662.8	0.5	0.5	ROSEWELL, LOTHIAN	7	9	117	0.13	0.8	0.7	B	A*B		
080386	023321.0	55.85	-3.13	329.4	662.5	2.1	0.2	ROSEWELL, LOTHIAN	8	9	119	0.14	0.5	0.9	B	A*B		
090386	074837.8	55.85	-3.13	329.3	662.4	0.6	1.4	ROSEWELL, LOTHIAN	8	9	120	0.11	0.8	1.2	B	A*B		
180386	083812.0	55.85	-3.13	329.5	663.0	0.0	0.4	ROSEWELL, LOTHIAN	6	9	177	0.10	24.1	21.1	D	D*D		
290386	180712.7	55.85	-3.13	329.1	662.9	2.5	1.1	ROSEWELL, LOTHIAN	7	8	119	0.01	0.1	0.1	B	A*B		
010486	123249.3	55.85	-3.13	329.5	662.8	0.7	1.4	ROSEWELL, LOTHIAN	2+	7	9	118	0.07	0.6	0.8	B	A*B	FELT ROSEWELL
040486	174230.7	55.85	-3.13	329.4	662.9	0.2-0.1		ROSEWELL, LOTHIAN	6	8	175	0.07	14.5	12.6	D	D*D		
170486	061943.8	55.85	-3.13	329.3	663.0	0.0	0.6	ROSEWELL, LOTHIAN	5	8	117	0.06	0.6	0.7	C	A*D		
060586	234312.9	55.85	-3.13	329.3	662.8	0.0	0.1	ROSEWELL, LOTHIAN	6	9	174	0.09	9.2	8.3	D	D*D		
160586	191443.0	55.85	-3.13	329.1	662.7	0.0	0.2	ROSEWELL, LOTHIAN	7	9	120	0.10	0.7	0.7	B	A*B		
170586	030840.8	55.85	-3.13	329.3	663.1	0.4	0.3	ROSEWELL, LOTHIAN	6	8	117	0.09	1.2	1.4	B	B*B		
170586	061808.3	55.85	-3.13	329.2	662.6	0.0	0.0	ROSEWELL, LOTHIAN	6	9	171	0.14	7.8	7.4	D	D*D		
190586	213013.7	55.85	-3.13	329.2	662.3	0.3-0.1		ROSEWELL, LOTHIAN	6	9	170	0.10	7.2	6.6	D	D*D		
200586	011357.5	55.85	-3.13	329.0	663.0	2.7-0.1		ROSEWELL, LOTHIAN	5	8	171	0.06	0.5	17.4	D	C*D		
220586	161020.9	55.85	-3.13	329.1	662.9	2.5	0.2	ROSEWELL, LOTHIAN	7	8	119	0.21	1.3	1.9	B	B*B		
230586	083338.6	55.85	-3.13	329.3	663.0	0.4	1.2	ROSEWELL, LOTHIAN	10	8	103	0.12	0.6	0.8	B	A*B		
270586	045322.2	55.85	-3.13	329.5	662.8	0.1	1.0	ROSEWELL, LOTHIAN	13	9	83	0.07	0.2	0.2	B	A*B		
280586	182252.0	55.85	-3.13	329.4	662.5	0.6	1.2	ROSEWELL, LOTHIAN	9	9	120	0.09	0.5	0.5	B	A*B		
300586	210607.2	55.85	-3.13	329.5	662.7	0.0	0.1	ROSEWELL, LOTHIAN	6	9	175	0.07	10.7	9.5	D	D*D		
070686	025309.2	55.85	-3.13	329.2	662.7	0.1	1.2	ROSEWELL, LOTHIAN	2+	9	9	119	0.04	0.2	0.2	B	A*B	FELT ROSLIN
190686	084256.2	55.85	-3.13	329.4	662.9	1.7	0.9	ROSEWELL, LOTHIAN	10	8	117	0.13	0.6	0.9	B	A*B		
240686	195346.1	55.85	-3.13	329.5	662.8	0.0	1.2	ROSEWELL, LOTHIAN	10	9	117	0.11	0.4	0.4	B	A*B		
030886	063515.9	55.85	-3.13	329.3	662.6	0.5	1.9	ROSEWELL, LOTHIAN	8	9	120	0.08	0.3	0.3	B	A*B		
180886	222433.4	55.85	-3.13	329.2	662.5	0.1	0.4	ROSEWELL, LOTHIAN	7	9	120	0.08	0.5	0.5	B	A*B		
200886	170733.7	55.85	-3.13	329.4	662.7	1.9	1.5	ROSEWELL, LOTHIAN	2+	17	9	83	0.11	0.3	0.5	B	A*B	FELT LASSWADE
210886	112710.1	55.85	-3.13	329.4	662.6	0.1	2.5	ROSEWELL, LOTHIAN	4+	11	9	101	0.09	0.3	0.3	B	A*B	FELT ROSEWELL, LASSWADE,

CATALOGUE OF EVENTS : 1986

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...
																		POLTON BANK & ROSLIN
120986	142327.6	55.85	-3.13	329.2	662.3	0.4	0.1	ROSEWELL, LOTHIAN		6	9	170	0.06	9.7	8.6	D	D*C	
130986	083747.6	55.85	-3.13	329.0	662.8	0.2	1.6	ROSEWELL, LOTHIAN		11	9	100	0.05	0.2	0.2	B	A*B	
130986	220207.4	55.85	-3.13	329.4	662.4	0.7	0.5	ROSEWELL, LOTHIAN		8	9	120	0.04	0.3	0.4	B	A*B	
150986	160832.1	55.85	-3.13	329.3	662.9	2.3	1.2	ROSEWELL, LOTHIAN		10	8	118	0.09	0.4	0.6	B	A*B	
170986	123824.0	55.85	-3.13	329.0	662.6	0.6	0.9	ROSEWELL, LOTHIAN		10	9	121	0.09	0.4	0.5	B	A*B	
091086	125527.3	55.85	-3.13	329.3	662.6	0.2	2.8	ROSEWELL, LOTHIAN	4+	11	9	101	0.07	0.2	0.2	B	A*B	FELT ROSEWELL, BONNYRIGG, ROSLIN, LITTLE FRANCE?
091086	181352.4	55.85	-3.13	329.0	662.5	0.6	1.8	ROSEWELL, LOTHIAN	3+	10	9	99	0.06	0.3	0.4	B	A*B	FELT ROSLIN, LASSWADE
141086	194734.4	55.85	-3.13	329.1	662.6	0.6	1.0	ROSEWELL, LOTHIAN		10	9	120	0.11	0.5	0.6	B	A*B	
161086	032554.0	55.85	-3.13	329.2	662.1	0.1	0.8	ROSEWELL, LOTHIAN		8	9	123	0.08	0.4	0.4	B	A*B	
161086	052909.9	55.85	-3.13	329.4	662.9	2.1	0.2	ROSEWELL, LOTHIAN		7	9	117	0.06	0.4	0.7	B	A*B	
171086	142327.1	55.85	-3.13	329.2	662.7	0.9	1.8	ROSEWELL, LOTHIAN	4+	12	9	101	0.10	0.4	0.4	B	A*B	FELT LASSWADE (4MSK) AND ROSLIN
201086	234955.1	55.85	-3.13	329.1	662.0	0.3	0.0	ROSEWELL, LOTHIAN		6	9	166	0.05	0.4	0.4	B	A*C	
211086	140304.3	55.85	-3.13	329.2	662.4	0.4	0.9	ROSEWELL, LOTHIAN		10	9	121	0.07	0.3	0.3	B	A*B	
231086	101110.5	55.85	-3.13	329.1	662.6	0.1	0.9	ROSEWELL, LOTHIAN	2+	9	9	120	0.07	0.3	0.3	B	A*B	FELT UNDERGROUND ROSEWELL
241086	011926.2	55.85	-3.13	329.1	662.4	0.2	0.8	ROSEWELL, LOTHIAN		7	9	122	0.03	0.2	0.2	B	A*B	
241086	143401.2	55.85	-3.13	329.4	662.4	0.5	0.7	ROSEWELL, LOTHIAN		7	9	120	0.03	0.2	0.2	B	A*B	
251086	044854.3	55.85	-3.13	329.1	662.4	0.3	0.5	ROSEWELL, LOTHIAN		7	9	121	0.04	0.2	0.2	B	A*B	
261086	094222.2	55.85	-3.13	329.1	662.6	0.2	0.1	ROSEWELL, LOTHIAN		6	9	170	0.05	1.7	1.5	C	B*C	
271086	104708.4	55.85	-3.13	329.3	662.8	1.7	0.5	ROSEWELL, LOTHIAN		8	9	119	0.08	0.4	0.7	B	A*B	
271086	172114.4	55.85	-3.13	329.2	662.7	1.9	0.3	ROSEWELL, LOTHIAN		8	9	119	0.08	0.4	0.7	B	A*B	
151186	064442.8	55.85	-3.13	329.5	662.7	2.4	1.4	ROSEWELL, LOTHIAN		9	9	118	0.09	0.4	0.7	B	A*B	
201186	035802.0	55.85	-3.13	329.3	662.4	0.2	1.8	ROSEWELL, LOTHIAN	2+	10	9	100	0.07	0.3	0.3	B	A*B	FELT ROSLIN GLEN
211186	011132.0	55.85	-3.13	329.1	662.3	0.1	1.3	ROSEWELL, LOTHIAN		10	9	122	0.08	0.3	0.3	B	A*B	
251186	014404.3	55.85	-3.13	329.2	662.7	0.9	1.1	ROSEWELL, LOTHIAN		9	9	120	0.12	0.6	0.7	B	A*B	
271186	064047.2	55.85	-3.13	329.2	662.9	2.2	1.0	ROSEWELL, LOTHIAN		7	8	118	0.06	0.4	0.6	B	A*B	
031286	111730.4	55.85	-3.13	329.1	662.0	0.4	1.7	ROSEWELL, LOTHIAN	2+	9	9	97	0.06	0.3	0.3	B	A*B	FELT ROSEWELL, UNDERGROUND
031286	132804.4	55.85	-3.13	329.5	662.7	1.6	1.5	ROSEWELL, LOTHIAN		8	9	118	0.09	0.5	1.0	B	A*B	
081286	023337.8	55.85	-3.13	329.1	662.3	0.3	0.7	ROSEWELL, LOTHIAN		10	9	122	0.20	0.7	0.7	B	B*B	
191286	163155.0	55.85	-3.13	329.0	662.6	2.3	1.7	ROSEWELL, LOTHIAN	5+	11	9	99	0.09	0.3	0.5	B	A*B	FELT ROSLIN(5MSK), LASSWADE, ROSEWELL
211286	170957.6	55.85	-3.13	329.4	662.6	0.6	2.3	ROSEWELL, LOTHIAN	5+	11	9	102	0.07	0.2	0.2	B	A*B	FELT ROSLIN(5MSK), L/HEAD, ROSEWELL, LASSWADE
180186	225802.9	55.85	-3.12	329.9	662.6	0.5	1.6	ROSEWELL, MIDLOTHIAN		8	9	116	0.05	0.3	0.2	B	A*B	
130286	103455.6	55.85	-3.12	330.1	662.7	0.3	0.7	ROSEWELL, MIDLOTHIAN		7	9	115	0.06	0.3	0.3	B	A*B	
060486	101244.5	55.85	-3.12	330.2	662.9	0.6	0.8	ROSEWELL, LOTHIAN		7	9	114	0.03	0.2	0.2	B	A*B	
220486	192442.7	55.85	-3.12	330.0	662.8	0.3	0.8	ROSEWELL, LOTHIAN		6	9	115	0.03	0.2	0.2	B	A*B	
070586	110546.8	55.85	-3.12	329.6	662.9	0.0	0.3	ROSEWELL, LOTHIAN		6	9	177	0.11	12.2	10.5	D	D*C	
140586	101822.8	55.85	-3.12	329.8	662.5	2.5	0.4	ROSEWELL, LOTHIAN		7	9	117	0.03	0.2	0.3	B	A*B	
140586	181922.1	55.85	-3.12	329.6	662.8	2.1	0.5	ROSEWELL, LOTHIAN		7	9	117	0.16	0.4	0.7	B	B*B	
200586	211443.5	55.85	-3.12	329.7	662.9	0.0	0.1	ROSEWELL, LOTHIAN		6	9	178	0.12	10.8	9.2	D	D*C	
210586	044159.0	55.85	-3.12	329.6	662.8	0.0	0.4	ROSEWELL, LOTHIAN		6	9	176	0.15	6.8	6.0	D	D*C	
210586	195743.0	55.85	-3.12	329.9	663.0	0.4	0.3	ROSEWELL, LOTHIAN		7	9	115	0.10	0.6	0.6	B	A*B	
040686	142610.0	55.85	-3.12	329.8	662.6	0.3	0.7	ROSEWELL, LOTHIAN		7	9	117	0.03	0.2	0.2	B	A*B	
080686	010210.5	55.85	-3.12	329.7	662.8	1.1	-0.2	ROSEWELL, LOTHIAN		6	9	178	0.02	0.3	0.3	B	A*C	
110686	054636.3	55.85	-3.12	329.7	662.7	0.4	2.2	ROSEWELL, LOTHIAN	4	12	9	104	0.07	0.2	0.2	B	A*B	FELT 4MSK BONNYRIGG, 3MSK LASSWADE & ROSLIN
170686	211758.2	55.85	-3.12	329.8	662.1	2.1	0.3	ROSEWELL, LOTHIAN		8	9	120	0.14	0.6	1.1	B	A*B	

Table 2 (cont'd)

CATALOGUE OF EVENTS : 1986

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...
180686	091639.8	55.85	-3.12	329.6	662.6	3.1	1.5	ROSEWELL, LOTHIAN	13	9	83	0.18	0.6	1.8	B	B*B		
170886	231941.7	55.85	-3.12	329.7	662.5	0.1	0.5	ROSEWELL, LOTHIAN	8	9	118	0.06	0.3	0.3	B	A*B		
030986	084453.6	55.85	-3.12	329.7	662.5	0.3	1.7	ROSEWELL, LOTHIAN	3+	9	9	103	0.05	0.2	0.2	B	A*B	FELT ROSLIN, LOANHEAD AND POLTON. POSS DOUBLE
190986	141601.5	55.85	-3.12	329.7	662.9	2.5	0.3	ROSEWELL, LOTHIAN	6	9	116	0.09	0.2	0.4	B	A*B		
011086	173740.4	55.85	-3.12	329.6	662.1	2.6	0.8	ROSEWELL, LOTHIAN	9	9	121	0.05	0.2	1.3	B	A*B		
241286	054419.6	55.85	-3.12	329.9	662.9	0.8-0.2	ROSEWELL, LOTHIAN	6	9	181	0.12	2.6	2.4	D	C*D			
131286	134923.0	55.85	-3.10	330.9	662.9	2.0	0.5	ROSEWELL, LOTHIAN	6	9	169	0.06	0.3	0.4	B	A*C		
080586	075834.5	55.84	-3.19	325.4	661.6	0.9	0.0	AUCHENDINNY, LOTHIAN	5	9	142	0.14	0.9	1.4	C	A*D		
210886	193554.3	55.84	-3.19	325.5	661.5	4.5	0.2	AUCHENDINNY, LOTHIAN	5	9	142	0.18	0.1	0.8	C	B*D		
020986	053934.4	55.84	-3.19	325.2	661.8	1.9	0.2	AUCHENDINNY, LOTHIAN	6	9	141	0.21	0.3	0.5	C	B*C		
150486	061737.9	55.84	-3.17	326.6	661.3	0.0	0.4	AUCHENDINNY, LOTHIAN	5	9	140	0.31	0.4	0.6	D	C*D		
170986	172934.4	55.84	-3.15	328.1	661.5	0.0	0.3	ROSEWELL, LOTHIAN	8	9	132	0.25	0.8	0.8	B	B*B		
150986	235216.3	55.84	-3.14	328.3	661.7	0.3	0.4	ROSEWELL, LOTHIAN	8	9	130	0.15	0.3	0.4	B	B*B		
200486	073701.3	55.83	-3.19	325.3	660.4	0.0-0.1	AUCHENDINNY, LOTHIAN	5	10	150	0.22	0.6	1.0	C	B*D			
211186	201815.0	55.74	-0.02	524.6	651.7	5.0	1.8	WESTERN NORTH SEA	15144	323	0.95	4.5	3.9	D	D*D			
090686	215508.7	55.69	-6.05	145.6	651.3	8.9	1.2	SE ISLAY, STRATHCLYDE	8	84	333	0.13	4.6	3.8	D	C*D		
150786	221836.5	55.24	-3.45	308.1	594.7	2.7-0.5	JOHNSTONEBRIDGE, D&G	4	18	313	0.01			C	A*D	AFTERSHOCK OF EVENT @ 22:13 GMT		
28																		
160786	114925.9	55.24	-3.43	308.9	594.6	5.0	0.4	JOHNSTONEBRIDGE, D&G	5	17	311	0.04	0.9	1.5	C	A*D	AFTERSHOCK OF 22:13 EVENT, 15.7.86	
150786	221323.3	55.23	-3.42	309.9	593.4	5.0	0.9	JOHNSTONEBRIDGE, D&G	12	17	174	0.32	2.1	2.9	C	C*C	MAIN SHOCK OF 4 EVENTS	
160786	115101.1	55.23	-3.40	311.0	594.0	1.6-1.0	JOHNSTONEBRIDGE, D&G	4	16	305	0.07			C	A*D	AFTERSHOCK OF 22:13 EVENT, 15.7.86		
091186	235019.5	55.02	-2.92	341.0	570.4	2.4	0.5	LONGTOWN, CUMBRIA	11	22	312	0.33	23.5	18.1	D	D*D		
070986	092458.8	54.76	-2.12			0.1	3.0	SOUTHERN NORTH SEA	11327	347	0.29	270.4156.0	D	D*D				
011286	211250.0	54.71	-3.52	302.4	535.9	7.6	1.5	MARYPORT, CUMBRIA	16	23	186	0.41	3.5	7.9	D	C*D		
250686	080957.8	54.52	-3.26	318.6	514.3	7.2	1.7	BUTTERMERE, CUMBRIA	20	15	148	0.23	1.0	1.1	C	B*C		
220586	025149.8	54.47	-2.09	394.3	508.3	4.3	1.4	SW BARNARD CASTLE, DRHM	14	44	163	0.50	2.7	5.6	C	C*C		
151086	081032.6	54.43	-2.74	352.0	503.6	1.0	1.9	BANNISDALE, CUMBRIA	16	49	245	0.52	3.8	3.0	D	D*D	NORTH OF KENDAL (~10KM)	
040786	124221.1	54.40	-3.38			5.0	2.8	SOUTHERN NORTH SEA	8330	321	0.21	58.6	62.0	D	D*D			
071186	212439.0	53.64	-2.33	378.0	416.5	18.9	1.5	RAMSBOTTOM, LANCS.	16	58	105	0.42	1.5	7.7	D	C*D		
030686	195425.9	53.60	-1.41	439.1	411.7	2.0	1.4	BARNESLEY, S. YORKSHIRE	2+	6	13	196	0.15	1.3	1.7	C	B*D	FELT HEMSWORTH AREA
280986	181859.6	53.54	-1.02	464.7	405.6	5.0	2.1	DONCASTER, SOUTH YORKS	7165	327	0.22	7.4	7.0	D	D*D			
190986	163110.4	53.52	2.32			4.4	3.7	SOUTHERN NORTH SEA	13	97	192	0.24	2.0	3.1	C	B*D		
070586	051756.2	53.25	-3.81	279.0	374.2	19.9	0.9	S. OF CONWAY, GWYNEDD	20	6	228	0.15	0.7	1.1	C	A*D		
180486	112225.6	53.21	-1.10	460.0	369.1	2.7	1.7	WARSOP, NOTTINGHAMSHIRE	6	53	217	0.31	9.2	11.2	D	D*D		
210186	213825.7	53.19	-4.03	264.1	368.2	12.5	0.9	N. OF BETHESDA, GWYNEDD	21	11	92	0.08	0.2	0.4	B	A*B		
100786	192203.4	53.19	-0.96	469.3	366.9	8.4	1.6	OLLERTON, NOTTS.	6	56	232	0.15	4.1	8.0	D	C*D	PROBABLY MINING-INDUCED EVENT	
070186	193300.5	53.16	-0.98	468.2	363.0	7.6	2.0	EAKRING, NOTTS.	10	52	231	0.85	8.3	10.0	D	D*D		
170686	110823.3	53.14	-1.05	463.7	361.3	7.7	1.6	BILSTHORPE, NOTTS.	9	48	224	0.39	4.7	6.7	D	C*D	PROBABLY MINING-INDUCED EVENT	
220686	230612.7	53.11	-3.81	278.9	358.9	17.9	0.8	N OF BETWS-Y-COED, GWYN	21	13	180	0.11	0.5	0.6	C	A*D		
190986	144029.8	53.10	-4.29	246.9	358.1	14.5	0.6	S OF CAERNARVON, GWYND	20	9	94	0.08	0.2	0.6	B	A*B		
111186	020435.0	53.09	-1.02	465.7	354.9	6.0	1.2	SOUTHWELL, NOTTS.	8	43	229	0.22	4.3	5.7	D	C*D		
161186	075639.9	53.06	-4.52	231.5	354.8	15.2	0.9	LLEYN AFTERSHOCK	5	11	203	0.04	0.6	1.5	C	A*D		
150686	212707.4	53.04	2.10			1.0	3.0	SOUTHERN NORTH SEA	12	50	320	0.18	4.3	3.1	D	C*D		
090786	182319.1	53.01	-4.44	236.0	349.0	13.5	0.5	N.W OF TREVOR, LLEYN	24	4	130	0.10	0.3	0.7	B	A*B		
111186	014843.3	53.01	-4.42	238.0	349.2	19.0	0.7	LLEYN AFTERSHOCK	7	4	220	0.14	3.1	3.3	D	C*D		

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041286	103957.0	52.98	-4.42	237.6	345.8	23.6	0.2	LLEYN AFTERSHOCK		8	1	179	0.05	0.5	0.5	B	A*C	
210686	103509.2	52.97	-4.43	236.5	344.1	22.6	1.4	LLEYN AFTERSHOCK		22	1	203	0.11	0.4	0.8	C	A*D	
180486	225928.1	52.97	-4.41	237.9	343.9	22.0	1.4	LLEYN AFTERSHOCK		19	25	200	0.10	0.6	0.9	C	A*D	
151186	143744.9	52.97	-4.41	238.2	344.0	22.6	0.4	LLEYN AFTERSHOCK		19	2	98	0.06	0.2	0.4	B	A*B	
070186	053955.7	52.97	-4.40	239.2	344.3	23.5	1.3	LLEYN AFTERSHOCK		17	2	154	0.10	0.5	0.6	B	A*C	
240586	203130.3	52.97	-4.40	238.7	344.0	23.8	1.2	LLEYN AFTERSHOCK		17	2	169	0.07	0.4	0.6	B	A*C	
210886	032528.9	52.97	-4.40	239.0	344.3	22.0	0.7	LLEYN AFTERSHOCK		14	2	100	0.26	1.3	1.8	B	B*B	
110186	013401.1	52.97	-4.39	239.3	343.7	23.6	1.1	LLEYN AFTERSHOCK		21	3	165	0.07	0.3	0.3	B	A*C	
191186	012220.9	52.97	-4.39	239.8	344.0	23.0	2.2	LLEYN AFTERSHOCK		23	3	84	0.08	0.3	0.7	A	A*A	FELT GWYNEDD
191186	012544.8	52.97	-4.39	239.7	343.9	22.4	1.5	LLEYN AFTERSHOCK		21	3	84	0.06	0.2	0.6	A	A*A	FELT GWYNEDD
191186	022350.1	52.97	-4.39	239.4	344.5	22.6	1.1	LLEYN AFTERSHOCK		24	2	82	0.10	0.4	0.6	A	A*A	
220686	053239.9	52.97	-4.38	240.2	344.0	23.9	1.6	LLEYN AFTERSHOCK	+ 21	3	149	0.14	0.6	0.6	B	A*C	FELT GWYNEDD	
120386	074520.8	52.97	-4.37	241.1	343.9	22.2	0.8	LLEYN AFTERSHOCK		21	4	144	0.20	0.9	0.9	C	B*C	
240286	054630.2	52.97	-4.36	241.8	344.1	21.1	0.9	LLEYN AFTERSHOCK		22	5	138	0.13	0.5	0.7	B	A*C	
110386	005731.4	52.97	-4.36	241.4	344.3	22.5	0.8	LLEYN AFTERSHOCK		22	4	138	0.25	1.1	1.2	C	B*C	
040186	180211.4	52.96	-4.40	238.9	343.2	24.4	2.0	LLEYN AFTERSHOCK		8	28	301	0.01	0.2	0.2	C	A*D	FELT GWYNEDD
190386	214140.4	52.96	-4.40	239.1	342.9	23.4	0.7	LLEYN AFTERSHOCK		24	3	178	0.10	0.4	0.5	B	A*C	
010486	084920.6	52.96	-4.40	238.7	343.3	21.5	1.7	LLEYN AFTERSHOCK	+ 24	3	180	0.15	0.6	0.7	B	A*C	FELT PWLLHELI	
040586	065156.5	52.96	-4.40	238.5	343.0	22.0	1.0	LLEYN AFTERSHOCK		13	3	284	0.07	0.6	0.5	C	A*D	
170786	145505.0	52.96	-4.40	239.1	343.6	22.5	0.8	LLEYN AFTERSHOCK		13	3	85	0.07	0.3	0.6	A	A*A	
300786	010539.4	52.96	-4.40	238.6	342.5	23.3	0.6	LLEYN AFTERSHOCK		18	3	120	0.09	0.6	0.5	B	A*B	
160986	234618.8	52.96	-4.40	238.9	342.6	23.1	0.6	LLEYN AFTERSHOCK		19	3	98	0.12	0.4	1.0	B	A*B	
210386	104054.6	52.96	-4.39	239.6	342.6	20.6	1.1	LLEYN AFTERSHOCK		22	4	174	0.14	0.6	0.6	B	A*C	
251086	032131.2	52.96	-4.39	239.4	342.6	24.1	1.4	LLEYN AFTERSHOCK		25	4	91	0.07	0.2	0.4	B	A*B	
210386	191534.1	52.96	-4.38	240.2	343.3	23.8	1.3	LLEYN AFTERSHOCK		22	4	159	0.08	0.4	0.4	B	A*C	
220486	135128.7	52.96	-4.38	240.1	342.9	22.9	1.5	LLEYN AFTERSHOCK		22	4	166	0.07	0.3	0.5	B	A*C	
011286	014804.4	52.96	-4.38	240.0	343.1	20.0	0.6	LLEYN AFTERSHOCK		22	4	86	0.18	0.5	1.1	B	B*A	
030386	132436.1	52.95	-4.41	238.1	342.3	23.3	1.2	LLEYN AFTERSHOCK		22	3	202	0.08	0.3	0.5	C	A*D	
150486	162448.0	52.95	-4.41	238.3	342.3	23.0	2.7	LLEYN AFTERSHOCK	+ 22	3	198	0.12	0.5	0.6	C	A*D	FELT PWLLHELI, PORTHMADOG, BLAENAU FFESTINIOG	
150786	015926.1	52.95	-4.38	239.9	341.5	22.1	1.6	LLEYN AFTERSHOCK		20	5	91	0.18	0.6	1.3	B	B*B	
240986	022931.6	52.89	-3.48	300.2	333.4	13.2	0.6	E OF LAKE BALA, GWYNEDD		12	13	142	0.06	0.4	0.6	B	A*C	
120586	204010.7	52.78	-2.05	396.9	320.8	7.8	1.5	NR STAFFORD, STAFFS		9	27	255	0.17	2.0231.1	1	D	C*D	
020586	170824.7	52.76	-2.04	397.1	317.6	5.0	2.0	CANNOCK, STAFFORDSHIRE	+ 15	24	171	0.23	1.3	1.5	C	B*C	FELT REPORTS	
070586	060845.3	52.67	-3.14	323.0	309.0	12.6	1.1	WELSHPOOL POWYS		16	24	153	0.11	0.8	0.9	B	A*C	
190886	013807.0	52.55	-1.92	405.5	294.8	7.8	0.7	BIRMINGHAM, W MIDLANDS		7	11	150	0.08	2.0	11.4	C	C*C	
190886	031536.3	52.55	-1.92	405.5	294.9	8.0	0.9	BIRMINGHAM, W MIDLANDS		7	11	150	0.11	2.4	12.1	C	C*C	
120386	105303.6	52.45	-1.96	402.7	283.9	7.0	1.4	BIRMINGHAM, W MIDLANDS		14	16	185	0.09	0.5	0.8	C	A*D	
280786	235841.5	52.36	-3.16	320.9	274.5	16.1	0.7	NR KNIGHTON, POWYS		9	25	117	0.05	0.3	1.0	B	A*B	
021186	194933.3	52.34	-3.14	322.5	272.5	12.5	0.4	KNIGHTON, POWYS		5	26	136	0.01	0.1	0.5	C	A*D	
250286	085848.6	52.34	-3.00	331.9	271.3	4.1	1.0	KNIGHTON, POWYS		4	38	229	0.71			D	D*D	
210686	123958.5	52.32	-3.34	309.0	269.7	8.0	0.3	LLANDRINDOD WELLS, PWYS		6	22	143	0.09	2.0	57.3	C	C*C	
011186	205042.2	52.25	-3.68	285.5	262.9	18.1	0.6	CLAERWEN RESR, POWYS		4	8	249	0.04			C	A*D	
210786	132931.7	52.23	-2.69	353.0	259.8	5.0	0.8	LEOMINSTER, HER & WOR		7	24	179	0.13	1.0	2.0	C	B*C	
210186	003248.7	52.20	-1.45	437.8	255.6	5.0	1.5	NR STRATFORD, WARWICK		9	46	283	0.29	6.7	15.5	D	D*D	
260386	172940.7	52.12	-3.02	330.2	247.5	0.6	0.5	WINFORTON, HER & WOR		5	14	169	0.06	0.2	0.5	C	A*D	
280786	140339.4	52.12	-2.88	339.9	247.0	8.1	0.8	W OF HEREFORD, HER&WOR		7	16	210	0.22	6.0	29.0	D	D*D	
171086	103534.0	52.08	-3.42	302.9	243.7	18.6	1.9	NR BUILTH WELLS, POWYS		17	10	116	0.17	0.6	0.6	B	B*B	
170286	065604.0	52.07	-2.93	336.3	241.8	8.1	1.3	W OF HEREFORD, HER&WOR		17	9	112	0.28	1.5	3.5	B	B*B	
170286	064831.4	52.07	-2.92	336.8	241.7	12.3	1.1	W OF HEREFORD, HER&WOR		4	10	150	0.00			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...
300786	145924.5	52.06	-3.72	282.1	241.9	5.0	1.0	BRYN NICOL, DYFED	4	31	348	0.01			C	A*D		
170286	064720.5	52.01	-2.90	337.9	235.1	13.9	1.0	W OF HEREFORD, HER&WOR	4	7	175	0.00			C	A*D		
061086	044549.0	51.98	-3.62	288.4	232.9	21.4	0.9	NR LLYWEL, POWYS	6	27	233	0.01	0.2	0.3	C	A*D		
020586	200321.2	51.98	-2.85	341.8	231.1	17.9	0.6	NR HEREFORD, HER & WOR	5	11	139	0.02	0.4	0.6	C	A*D		
230886	122829.0	51.90	-3.74	280.2	223.7	13.9	1.4	BLACK MOUNTAIN, DYFED	11	38	132	0.16	1.3	2.8	C	B*C		
031086	150353.8	51.90	-2.78	346.4	223.2	15.1	1.3	GARWAY, HEREFORD & WOR	7	18	137	0.05	0.5	1.6	B	A*C		
261286	205008.0	51.90	-1.34	445.4	223.0	23.5	2.9	OXFORD, OXFORDSHIRE	20	74	224	0.21	1.6	1.8	C	B*D		
180886	115131.4	51.88	-3.38	305.2	221.3	9.1	0.7	NR BRECON, POWYS	5	23	275	0.12	2.5	15.5	D	C*D		
040986	130946.5	51.84	-3.98	263.6	218.0	2.4	1.5	NR LLANDEILO, DYFED	6	55	277	0.12	5.2	4.7	D	D*D		
110886	045027.4	51.80	-3.34	307.4	211.9	9.6	0.5	MERTHYR TYDFIL, M GLAM	5	32	254	0.07	2.3	26.4	D	C*D		
210386	162824.8	51.77	-2.66	354.1	207.8	26.7	1.4	NR MONMOUTH, GWENT	5	17	199	0.04	0.7	1.8	C	A*D		
270686	120009.4	51.77	-2.65	354.9	208.6	23.9	1.4	NR MONMOUTH, GWENT	5	18	201	0.08	1.5	4.0	C	B*D		
071186	143422.0	51.76	-3.64	286.6	208.7	9.1	1.1	GLYN-NEATH, W GLAMORGAN	5	43	255	0.16	9.2239.7	7	D	D*D		
250686	001224.0	51.72	-3.11	323.1	203.5	0.9	0.2	ABERTILLERY, GWENT	5	23	230	0.01	0.4	0.4	C	A*D		
130286	003912.9	51.71	-3.27	312.4	202.1	0.0	1.5	BARGOED, MID GLAMORGAN	5	37	285	0.18	6.4	5.6	D	D*D		
190686	051020.8	51.71	-3.27	312.1	201.9	0.9	0.9	NR BARGOED, M GLAMORGAN	6	33	235	0.04	0.6	0.5	C	A*D		
190686	083323.4	51.70	-3.33	307.9	200.5	5.0	0.8	NR BARGOED, M GLAMORGAN	4	37	295	0.00			C	A*D		
190686	050525.7	51.70	-3.28	311.5	201.2	5.0	0.9	NR BARGOED, M GLAMORGAN	4	34	237	0.09			C	A*D		
190786	153718.3	51.69	-3.34	307.7	199.9	7.9	1.1	MERTHYR VALE, MID GLAM	6	37	244	0.04	0.6	63.0	D	C*D		
190986	205717.5	51.62	-3.35	306.6	192.7	4.3	1.1	PONTYPRIDD, M GLAMORGAN	6	38	257	0.09	6.1	11.0	D	D*D		
220986	025018.0	51.57	-3.35	306.1	187.1	5.0	1.3	PONTYPRIDD, M GLAMORGAN	7	39	266	0.09	2.3	5.8	D	C*D		
170686	035242.8	51.27	-4.77	207.2	156.1	2.5	1.3	5 KM E OF LUNDY ISLAND	9	36	303	0.06	4.4	6.7	D	C*D		
240186	220422.4	51.26	-4.78	205.8	155.4	3.0	2.3	BRISTOL CHANNEL	18	37	169	0.16	0.8	1.4	C	B*C		
130986	173435.8	51.09	-2.87	339.1	132.7	1.3	1.8	NR BRIDGWATER, SOMERSET	10	61	208	0.23	2.4	1.9	C	B*D		
241286	000942.5	50.71	-3.26	311.0	91.2	5.3	2.2	NEAR SIDFORD, DEVON	13	57	206	0.20	1.1	2.9	C	B*D		
260186	071825.9	50.67	-2.55	361.5	85.9	8.4	1.8	DORCHESTER, DORSET	8	102	248	0.10	1.6	2.5	C	B*D		
190286	135758.0	50.44	-4.93	191.9	63.7	7.8	2.1	E. OF NEWQUAY, CORNWALL	12	10	170	0.07	0.4	1.7	B	A*C		
020986	174759.5	50.23	-5.43	155.1	42.8	3.4-0.4	NW ST. IVES, CORNWALL	9	14	232	0.02	0.4	1.2	C	A*D			
271086	030740.1	50.21	-5.23	169.9	39.9	9.8	0.1	E. OF CARNKIE, CORNWALL	13	3	292	0.02	0.4	0.2	C	A*D		
250686	003925.3	50.18	-5.26	167.1	36.0	7.2	0.7	S.E. CAMBORNE, CORNWALL	12	3	274	0.03	0.4	0.3	C	A*D		
280686	165535.3	50.11	-5.18	173.0	28.2	6.8-0.2	S. CONSTANTINE, CORNWALL	10	3	158	0.04	0.3	0.5	B	A*C			
280686	165716.7	50.11	-5.17	173.1	28.1	6.4	0.1	S. CONSTANTINE, CORNWALL	13	3	157	0.05	0.3	0.4	B	A*C		
020986	022252.7	50.11	-5.17	173.5	28.0	5.9-0.1	CONSTANTINE, CORNWALL	7	4	149	0.01	0.1	0.1	B	A*C			
020986	085118.6	50.11	-5.17	173.4	27.9	6.1-0.1	CONSTANTINE, CORNWALL	7	4	151	0.01	0.1	0.1	B	A*C			
020986	093033.9	50.11	-5.17	173.1	27.9	6.1	2.0	CONSTANTINE, CORNWALL	7	4	158	0.02	0.3	0.3	B	A*C		
020986	093158.3	50.11	-5.17	173.2	28.0	6.0	0.5	CONSTANTINE, CORNWALL	11	3	156	0.02	0.2	0.2	B	A*C		
020986	093338.1	50.11	-5.17	173.4	28.0	6.2	0.2	CONSTANTINE, CORNWALL	8	4	152	0.03	0.2	0.3	B	A*C		
020986	093406.4	50.11	-5.17	173.2	27.9	5.8	0.8	CONSTANTINE, CORNWALL	7	4	156	0.01	0.2	0.3	B	A*C		
020986	093646.1	50.11	-5.17	173.6	28.0	5.9	0.0	CONSTANTINE, CORNWALL	8	4	148	0.02	0.2	0.2	B	A*C		
020986	093609.3	50.11	-5.17	173.4	28.2	6.1	-0.1	CONSTANTINE, CORNWALL	7	3	283	0.02	0.3	0.2	C	A*D		
020986	093919.9	50.11	-5.17	173.2	28.0	5.8	0.6	CONSTANTINE, CORNWALL	9	3	156	0.02	0.2	0.2	B	A*C		
020986	120300.6	50.11	-5.17	173.5	27.9	6.1	0.1	CONSTANTINE, CORNWALL	7	4	150	0.01	0.1	0.1	B	A*C		
020986	144759.5	50.11	-5.17	173.1	27.9	6.2	2.9	CONSTANTINE, CORNWALL	5	10	4	159	0.01	0.1	0.2	B	A*C	FELT CONSTANTINE, MABE, HELSTON, LANNER, ETC.
030986	012430.4	50.11	-5.17	173.5	28.1	6.0	0.2	CONSTANTINE, CORNWALL	9	4	149	0.02	0.2	0.2	B	A*C		
030986	071020.4	50.11	-5.17	173.4	28.1	6.2	0.2	CONSTANTINE, CORNWALL	9	3	151	0.02	0.1	0.2	B	A*C		
030986	111054.8	50.11	-5.17	173.2	28.4	6.2	0.1	CONSTANTINE, CORNWALL	6	3	282	0.01	0.2	0.2	C	A*D		
030986	164212.6	50.11	-5.17	173.1	28.2	6.1	0.1	CONSTANTINE, CORNWALL	9	3	157	0.03	0.4	0.4	B	A*C		
030986	165624.8	50.11	-5.17	173.3	28.1	6.2	0.1	CONSTANTINE, CORNWALL	10	3	153	0.02	0.2	0.1	B	A*C		
030986	170418.5	50.11	-5.17	173.2	28.5	6.2	-0.2	CONSTANTINE, CORNWALL	9	3	280	0.02	0.2	0.1	C	A*D		

CATALOGUE OF EVENTS : 1986Listed in order of decreasing latitude

Date	HrMnSecs	Lat	Lon	KmE	KmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	Q	SQD	Comments...
030986	211709.2	50.11	-5.17	173.4	27.9	6.0	0.3	CONSTANTINE, CORNWALL	9	4	152	0.02	0.2	0.2	B	A*C		
040986	000705.7	50.11	-5.17	173.4	28.1	6.0	0.1	CONSTANTINE, CORNWALL	9	3	149	0.02	0.1	0.1	B	A*C		
230186	053048.2	50.06	-4.81	199.1	21.9	9.7	0.5	18KM S.DODMAN PT,CORNW	11	24	327	0.03	0.9	4.8	C	B*D		
131086	162641.2	49.27	-2.15	389.1	-70.5	1.5		N OF RONEZ PNT., JERSEY	5	4	270	0.08	2.3	0.6	C	B*D		
171086	154012.2	49.24	-2.15	389.3	-73.1	0.0	0.5	ST.JOHN'S CH., JERSEY	6	3	212	0.04	0.2	60.6	D	C*D		
071086	094945.4	49.22	-2.17	387.8	-75.4	0.6		ST.PETER'S CH., JERSEY	5	3	161	0.06	0.3	3.7	C	B*D		
110786	022028.3	49.19	-2.25	381.9	-79.1	10.2	1.1	CORBIERE POINT, JERSEY	5	4	313	0.01	0.3	0.2	C	A*D		

Table 3

CATALOGUE OF EVENTS : TABLE3

Poorly located events

Date	Hr	Mn	Secs	Lat	Lon	KmE	KmN	Dep	Mag	Locality	Int	No	DM	Gap	RMS	ERH	ERZ	Q	SQD	Comments...
060186	1032									FFESTINIOG AREA-SONIC										
060186	1041									COLWYN BAY-SONIC										FELT REPORTS
160186	124100.0									S.E.WASH - SONIC										DAMAGING AT KINGS LYNN & HUNSTANTON
200186	114500.0									EAST ANGLIA - SONIC										LARGE SONIC BOOM, TRAVERSING ARRAY N-S
280186	190959.2	53.07	-1.10	460.5	352.4	1.9	1.5	S.OF BLIDWORTH,NOTTS.			8	39	221	0.41	8.5	3.8	D	D*D	POSSIBLE EXPLOSION	
090286	162220.1	56.50	-5.47	186.4	739.6	0.4	0.9	LISMORE,HIGHLAND			7	78	328	0.26	13.6	11.0	D	D*D	POSSIBLY GLENSANDA QUARRY	
130286	133311.1	56.02	-4.85	222.7	684.6	0.0	0.6	COVE,STRATHCLYDE			7	36	312	0.31	9.6	7.5	D	D*D	POSSIBLE QUARRY OR DUNOON AFTERSHOCK	
200286	1406									SONIC									FELT CLWYD	
030486	071857.2	56.33	-4.17	266.0	716.9	2.7	0.2	CALLANDER,CENTRAL			6	19	205	0.24	4.8	417.7	D	C*D	POSSIBLE EXPLOSION	
110486	1041									SONIC,N.WALES									FELT ANGLESEY	
160486	0606									SWINDON,WILTSHIRE	5+								ONE FELT REPORT 6MLS SW SWINDON-LOCAL/SONIC?	
230586	175332.1	57.98	-4.86	230.8	902.5	5.0	1.1	ULLAPOOL,HIGHLAND			5	59	348	0.19	283.9	638.0	D	D*D	POSSIBLY QUARRY	
260586	181148.7	56.64	-5.46	188.1	754.7	5.8	0.8	KINGAIRLOCH, HIGHLAND			6	85	334	0.24	7.9	12.7	D	D*D	POSSIBLY GLENSANDA QUARRY	
260586	192421.9	56.53	-5.49	185.5	743.0	0.0	1.4	LOCH LINNHE,HIGHLAND			7	81	328	0.24	10.4	8.5	D	D*D	POSSIBLY GLENSANDA QUARRY	
290586	064430.1	56.61	-5.39	191.8	751.3	0.1	1.3	LOCH LINNHE,HIGHLAND			12	67	223	0.80	8.6	5.4	D	D*D	POSSIBLY GLENSANDA QUARRY	
030686	135151.0	56.04	-4.89	220.1	686.7	0.0	0.6	ARDENTINNY,STRATHCLYDE			6	38	342	0.68	9.2	6.5	D	D*D	POSSIBLE QUARRY OR DUNOON AFTERSHOCK	
32	050686	185422.8	56.48	-5.23	201.4	736.1	0.0	1.4	LOCH ETIVE,STRATHCLYDE			9	63	324	0.38	17.1	13.6	D	D*D	POSSIBLY BONawe QUARRY.
130686	153059.5	51.77	-2.65	355.2	208.3	20.1	1.5	NR MONMOUTH,GWENT			6	18	203	0.27	1.3	2.5	C	B*D	POSSIBLE QUARRY	
040786	143816.4	53.32	-1.56	429.1	380.1	0.2	1.8	DERBY,DERBYSHIRE			7	67	168	0.14	2.4	1.2	C	B*D	POOR LOCATION, POSSIBLE EXPLOSION	
080786	185027.9	56.50	-5.59	179.1	739.9	0.8	0.9	LISMORE,STRATHCLYDE			5	85	334	0.19	32.7	26.6	D	D*D	POSSIBLY GLENSANDA QUARRY	
170786	123915.1	55.63	-3.19	325.4	637.6	2.8	1.1	PEEBLES,BORDERS			6	19	297	0.10	1.4	169.5	D	C*D	POSSIBLE QUARRY	
070886	144922.1	56.85	-4.94	220.9	776.6	4.4	0.8	KILLIECHONATE FST,HIGH			6	82	326	0.15	54.3	116.9	D	D*D	POSSIBLE QUARRY BLAST OBAN AFTERSHOCK, FELT OBAN	
290986	0210									OBAN,STRATHCLYDE										
051086	195004.1	56.80	-4.73	233.2	771.4	8.4	0.7	LOCH TREIG,HIGHLAND			7	73	305	0.69	9.9*****		D	D*D	NEAR ROYBRIDGE	
151086	115600.0									FELT WICKERSLEY										
171086	012500.0									FELT WICKERSLEY										
211186	111459.0	56.55	-5.50	184.8	745.0	2.0	1.2	LOCH LINNHE,HIGHLAND			7	82	328	0.14	9.9	7.6	D	D*D	POSSIBLY GLENSANDA QUARRY	
301186	204728.3	54.99	-1.23	449.1	566.7	0.0	1.4	SOUTH SHIELDS,T & WEAR			7135	347	0.29	10.1	6.2	D	D*D	OFFSHORE,POSSIBLE EXPLOSION		
291286	1322									SONIC,FIFE AND LOTHIAN									SONIC,FELT FIFE,EDINBURGH PENICUIK,DALKEITH	

Table 4 : Geographical coordinates of seismograph stations operated by BGS, DIAS and Leeds University during 1986.

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	83-	1	BGS
BFR FRANKLEY	52.4230	-2.0074	399.5	280.6	210	83-	1	BGS
BSE SEISDON	52.5316	-2.2374	383.9	292.7	100	83-	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	83-	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 GOONHILL	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-	3Rm	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
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

Table 4 : continued

Code Name	Lat	Lon	KmE (km)	KmN (km)	Ht (m)	Yrs open	Comp	Agency
JVM VALLE D.L.MARE	49.2169	-2.2068			64	81-	1	BGS
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
KYL KYLE	57.337	-5.653	180.2	833.3	105	83-	3R	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
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-	3	BGS
YRH RHIW	52.8335	-4.6289	222.930	329.500	300	84-	1	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
DMU KINGSCOURT	53.8989	-6.9106			280	76-	1R	DIAS

Table 4 : continued

Code Name	Lat	Lon	KmE (km)	KmN (km)	Ht (m)	Yrs open	Comp	Agency
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

* This station consists of a single low-gain vertical recorder as of 18/08/86 when 3-component set moved to WST

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 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 sheet. The system is described by Browitt et al (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
12345678901234567890123456789012345678901234567890123456789012345678901234567890							

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.MtJtpAmodPDist

12345678901234567890123456789012345678901234567890123456789012345678901234567890

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 : See catalogue format (para 2.1)

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.

PHASE DATA : 1986

020186	LOWNET	LN 466	780	12.5	5.00WR	LSTIRLING,CENTRAL REGN	1
	2211 7.46	276.97/ 694.86	2.7 0.1			56.131 -3.980	2
6 23	220 0.09	1.2156.4 D C*D					3
EAB Z	221111.88	P EU15.00	S 2E	3.2H0.10ML	0.25	200	23
EBH Z	221113.35	P E 17.50	S 2E	7.4H0.10ML	0.25	200	32
ELO Z	221115.09	P E 20.30	S 2E	1.7H0.16ML	0.25	200	41
	-1						
040186	LOWNET	LN 466		5.00WR	LPOOLEWE,HIGHLAND	1	
	03430.23	188.31/ 879.70	4.2 2.5		4+ 57.757 -5.559	2	
14 33	238 0.29	2.3 2.2 C B*D FELT	4MSK GAIRLOCH, 2-3		POOLEWE,O L MAREE	3	
ELO Z	003459.0	P ED79.9	S 2E		0.25 200	182	
EAB Z	003500.2	P EU20.9	S 3E			190	
EDU Z	003501.8	P E 26.5	S 3E			205	
EBH Z	003502.6	P E 28.9	S 3E			209	
EAU Z	003507.5	P E				249	
ESY Z	003510.6	P E				273	
EDI Z	003507.9	P 2E 35.1	S 3E	7.5H0.22M	0.25	200	250
EDI NS0035				9.5H0.35ML	0.25	200	250
EDI EW0035				10.5H0.35ML	0.25	200	250
KYL Z	003438.8	P 44.1	S	4.5 H0.1 ML	10.0	200	47
KYL NS0034				3.5 H0.1 ML	10.0	200	47
KYL EW0034							
KAC Z	003436.3	P					33
MCD Z	003453.0	P IU69.1	S 2				139
MCD NS0034				9.0 H0.1 ML	2.5	200	139
MCD EW0034				6.5 H0.25ML	2.5	200	139
MDO Z	003443.76	P IU53.0	S 2				80
MME Z	003456.05	P IU					163
MVH Z	003444.32	P IU					84
MLA Z	003453.0	P					143
	-1						
040186			5.0	POOLEWE,HIGHLAND	1		
	058 5.19	192.16/ 877.36	2.6 1.3		2+ 57.738 -5.492	2	
6 29	279 0.17	1.8 2.1 C B*D A/S, FELT	GAIRLOCH			3	
KAC Z	005810.5	P 14.3	S 3.5	H0.3 ML	1.0	200	29
MCD Z	005827.45	P 43.5	S			135	
MCD NS0058				8.0 H0.1 ML	0.25	200	135
MCD EW0058				5.5 H0.11ML	0.25	200	135
MDO Z	005818.0	P					75
MVH Z	005818.7	P					81
	-1						
040186N WALES			5.0	LLEYN AFTERSHOCK	1		
	18 211.47	238.89/ 343.24	24.4 2.0		52.962 -4.399	2	
8 28	301 0.01	0.2 0.2 C A*D FELT	GWYNEDD			3	
WFF Z	180217.44	P 1IU					
WFF EW1802		21.57	S 1			28	
WVR Z	180221.35	P 2IU28.09	S 2			28	
WBR Z	180218.47	P 1IU23.22	S 2			57	
WFB Z	180218.95	P 1ID24.04	S 2			36	
ECP Z	180236.0	P 3 54.3	S 3			40	
ECB Z	180237.8	P 3 56.5	S 4			160	
ETA Z	180231.4	P 3 45.3	S 4			174	
HCG Z	180225.91	P 1ID				126	
HLM Z	180230.22	P 1E				87	
MCH Z	180234.33	P 1E				114	
MCH NS1802						143	
HAE Z	180236.74	P 2E 51.21	S 2	7.4 H0.12ML	1.0	200	143
WFF SM1802		21.57	S 4	9.0 H0.07ML	0.25	4	162
	-1						28
070186N WALES			5.0	LLEYN AFTERSHOCK	1		
	53955.75	239.22/ 344.30	23.5 1.3		52.972 -4.395	2	
17 2	154 0.10	0.5 0.6 B A*C				3	
WCB Z	053964.32	P 2IU					
WCB NS0539				6.7 H0.08ML	1.0	200	46
YRC Z	053962.32	P 1ID66.9	S 2			33	
YRE Z	053959.48	P 1ID62.19	S 1			22	
WLF Z	053962.48	P 1ID67.26	S 2			35	
WME Z	053964.24	P 2E 70.25	S 2			48	
YLL Z	053961.15	P 1IU64.63	S 2			24	
WFF Z	05401.62	P 1IU				27	
WBR Z	05402.61	P 2E 7.37	S 2			36	
WFB Z	05403.4	P 2E 8.28	S 1			40	
WCB EW0539		69.01	S 1	6.6 H0.1 ML	1.0	200	46
WFF NS0540		5.7	S 1	4.8 H0.08ML	10.0	200	27
WFF EW0540				3.5 H0.07ML	10.0	200	27
	-1						
070186 HEREFORD		HF 345		5.0FORD	EAKRING,NOTTS.	1	
	1933 0.58	468.24/ 363.01	7.6 2.0		53.160 -0.979	2	
10 52	231 0.85	8.3 10.0 D D*D				3	
HLM Z	193325.00	P 2E 40.98	S 2				
HAE Z	193327.21	P 1E				147	
MCH Z	193330.37	P 1E 51.24	S 2			164	
MCH NS1933				9.1 H0.24ML	0.25	200	188
HCG Z	193332.48	P 3E				204	
CWF Z	193308.65	P 3E 15.18	S 2			52	
HOY Z	193310.33	P 3E				63	
HPK Z	193317.60	P 1E 27.54	S 3			98	
HPK NS1933				22.5H0.18ML	0.25	200	98
HPK EW1933				21.8H0.16ML	0.25	200	98
	-1						
080186 LOWNET	LN 467	390	12.5	5.00WR	LLOC EARN,TAYSIDE	1	
	183951.85	266.30/ 724.15	2.2 0.8		56.391 -4.166	2	

Table 5 (cont'd)

PHASE DATA : 1986

PHASE DATA : 1986

CR2	EW0530				5.5	H0.06ML	1.0	200	28
CCO	Z 053053.60	P 2IU							29
CST	Z 053053.61	P 2E							29
CCA	Z 053054.20	P 2ID							33
CTR	Z 053053.45	P 2 U57.25	S 2						28
CRA	Z 053053.70	P 2E							30
CME	Z 053053.75	P 2 O							30
	-1								
240186	HEREFORD	HF 347			5.0FORD	BRISTOL CHANNEL	1		
	22 422.45	205.84/ 155.37	3.0 2.3			51.264 -4.783	2		
18	37 169.0.16	0.8 1.4 C B*C					3		
HCG	Z 220445.24	P ID61.84	S 2						141
MCH	Z 220446.47	P ID63.79	S 2						148
MCH	NS2204			13.1H0.13ML			1.0	200	148
HAE	Z 220450.70	P 1E							177
HLM	Z 220453.84	P 4E 75.00	S 3						191
SBD	Z 220456.51	P 4E							210
HTL	Z 220429.03	P 1I033.77	S 2						37
DYA	Z 220440.83	P 1IU53.81	S 2						110
DYA	NS2204			9.1 H0.1 ML			2.5	200	110
DYA	EW2204			8.55H0.07ML			2.5	200	110
DCO	Z 220443.15	P 2E							123
WFB	Z 220449.05	P 3E 68.45	S 3						166
WCB	Z 220456.8	P 3E 83.34	S 3						236
WCB	NS2204			8.4H0.25ML			0.25	200	236
WCB	EW2204			9.7H0.2 ML			0.25	200	236
WFF	Z 220454.0	P 4 76.45	S 3						199
WFF	NS2204			5.5H0.07ML			1.0	200	199
WFF	EW2204			6.0H0.10ML			1.0	200	199
CSA	Z 220439.36	P 1							102
CR2	Z 220442.98	P 2							125
CCA	Z 220442.75	P 2							124
CST	Z 220442.47	P 2							122
	-1								
260186					5.0 FORD	DORCHESTER,DORSET	1		
	71825.91	361.47/ 85.95	8.4 1.8			50.671 -2.545	2		
8102	248 0.10	1.6 2.5 C B*D					3		
DYA	Z 071842.55	P 2E 54.39	S 2						102
DYA	NS0718			4.0H0.12ML			1.0	200	102
DYA	EW0718			6.5H0.13ML			1.0	200	102
DCO	Z 071842.56	P 1EU							102
HTL	Z 071848.62	P 2E 64.90	S 2						141
HTL	NS0718			18.4H0.15ML			0.25	200	141
HTL	EW0718			21.0H0.16ML			0.25	200	141
MCH	Z 071849.73	P 2E 67.16	S 2						151
MCH	NS0718			6.8H0.11ML			0.25	200	151
HAE	Z 071849.85	P 3E							152
	-1								
300186	LOWNET				5.0DWR/GF	LLOCH NEVIS,HIGHLAND	1		
	103256.82	189.73/ 795.00	11.8 3.0			3+ 56.998 -5.462	2		
18	24 200 0.25	1.2 1.8 C B*D	FELT LOCHAILORT:3MSK,			K' LOCH HOURN,K LOCHEIL	3		
EAB	Z 103315.30	P IU27.8	S 2IU						114
ELO	Z 103316.35	P EU							122
EBH	Z 103319.61	P E 37.6	S 2E 30.0H0.2 M						146
EDU	Z 103322.00	P E							179
EAU	Z 103323.80	P E 45.3	S 2E 15.5H0.2 M						184
EOT	Z 103325.20	P E 47.1	S 2E						202
EBL	Z 103326.7	P E 51.1	S 2E 8.5 H0.2 M						213
ESY	Z 103328.3	P E							148
MCD	Z 103319.9	P I			3.0 H0.25ML				148
MCD	NS1033				4.0 H0.11ML				148
MCD	EW1033								83
MDO	Z 103310.8	P I020.4	S						155
MME	Z 103320.7	P I 39.0	S 2						129
MVH	Z 103316.95	P I032.3	S						192
MLA	Z 103323.3	P 2E							39
KYL	Z 103303.9	P 07.7	S 2						24
KSB	Z 10331.25	P ID							57
KAC	Z 10336.65	P ID							184
EDI	NS1033			8.8 H0.18ML			2.5	200	184
EDI	EW1033			8.0 H0.18ML			2.5	200	184
	-1								
010286	LOWNET	LN 470 1323	12.5		5.0DWR	LROSEWELL,MIDLOTHIAN	1		
	191344.39	330.12/ 663.30	1.6 0.6			55.858 -3.116	2		
8	8 112 0.05	0.3 0.5 B A*B	P IU47.95	S 2E	8.4H0.32M		1.0	200	9
EDI	Z 191346.49				3.5H0.40ML		1.0	200	9
EDI	NS1913				4.0H0.40ML		1.0	200	9
EDI	EW1913								11
EBL	Z 191346.80	P ID48.61	S 2EU						21
EAU	Z 191348.62	P E 51.70	S 3ED						32
ESY	Z 191350.44	P 2E							50
E8H	Z 191353.72	P 2E							1
	-1								2
020286		35338.89	0.3 2.3	5.0		NORTH SEA	1.378		3
	11167 206 1.61 17.4	9.2 D D*D				59.304			
KMY	Z 035412.6	P E 36.5	S E						221
SUE	Z 035414.7	P E 49.2	S E						271
ODD	Z 035427.0	P E 62.8	S E						307
SFJ	Z 035446.4	P 9IU48.1	S 4						219
SFJ	NS0354			10.5H0.15ML			1.0	100	219
SFJ	EW0354			2.5H0.18ML			1.0	100	219

PHASE DATA : 1986

LRW Z 0354		27.5	S	4.5 HO.22ML	0.25 200	171
LRW NS0354				4.5 HO.22ML	0.25 200	171
LRW EW0354						
SAN Z 035406.2	P	26.0	S			167
WAL Z 035410.0	P					199
YEL Z 03549.0	P					196
-1						
040286 LOWNET	LN 470	2234	25.0	5.00WR	LHARPERRIG RES,LOTHIAN 1	
124958.80	308.79/	663.74	6.6 0.7		55.858 -3.457	2
7 2 130 0.05	0.6	0.4 B A*B				3
EAU Z 125000.15	P	I000.68	S 3IO		2.5 200	2
EDI Z 125002.57	P	IU05.21	S 3E 11.2HO.07M		2.5 200	18
EDI NS1250		IU	IU 3.3HO.14ML		2.5 200	18
EDI EW1250		IU	IU 7.8HO.08ML		2.5 200	18
E8L Z 125003.98	P	IU06.98	S 4E			28
EBH Z 125006.43	P	EU11.73	S 4ED			44
ESY Z 125007.88	P	E 14.14	S 4E			53
EAB Z 125010.10	P	E 17.51	S 4E			66
-1						
050286 LN	LN 471	324	12.5	5.00WR	LBEN LOMOND,STRATHCLYDE1	
154536.86	235.25/	701.53	3.7 0.9		56.178 -4.654	2
9 20 232 0.22	2.0	4.7 C B*D				3
EAB Z 154540.48	P	E 43.3	S 2E		0.25 200	20
PMS Z 154543.64	P	EU48.23	S 2EU			37
PCO Z 154544.53	P					41
PGB Z 154544.64	P	E 50.04	S 2E			42
PGB NS1545			6.5 HO.19ML		0.25 200	42
PCA Z 154547.52	P	E				59
ELO Z 154549.2	P	E				67
EBH Z 154549.4	P	E				72
-1						
060286 LOWNET	LN 471	634	12.5	5.00WR	LGLENDARUEL,STRATHCLYDE1	
14 235.48	206.60/	689.06	2.1 0.7		56.055 -5.106	2
10 32 297 0.15	6.3	5.4 D D*D				3
PMS Z 140241.45	P	IU45.84	S 2E		0.25 200	33
PGB Z 140244.16	P	EU50.45	S 1E			48
PGB NS1402			5.5 HO.12ML		0.25 200	48
PGB EW1402			5.4 HO.12ML		0.25 200	48
EAB Z 140244.30	P	EUS0.00	S 3E			50
PCO Z 140246.97	P	2E				63
PCA Z 140247.05	P	2E				66
EBH Z 140253.04	P	2EU65.32	S 3E			102
EAU Z 140253.52	P	2EU				106
EDU Z 140258.82	P	2E				141
-1						
080286	175335.71	199.28/	801.86	5.0	KNOYDART, HIGHLAND	1
17 18 94 0.44	2.4	4.2 C C*B	12.0 1.1		57.064 -5.311	2
MCD Z 1753		72.4	S			3
MCD NS1753			4.6 HO.1 ML		0.25 200	137
MCD EW1753			3.6 HO.1 ML		0.25 200	137
MME Z 1753		75.0	S			145
MVH Z 175354.8	P	68.4	S			117
KYL Z 175343.0	P					37
KAR Z 1753		46.5	S 2			36
KSB Z 175339.7	P	IU42.1	S			18
KAC Z 175344.5	P	49.5	S			49
EAB Z 175354.3	P	E 66.6	S 2E 6.2 HO.09ML		0.25 200	114
EBH Z 175358.6	P	E 74.3	S 3E 3.4 HO.09ML		0.25 200	143
EDU Z 175359.6	P	E 75.2	S 3E			152
EAU Z 175363.7	P	E				178
-1						
080286 LOWNET	LN 471	1400	12.5	5.00WR	LLASSWADE,MIDLOTHIAN	1
211520.09	331.21/	665.72	1.4-0.1		55.880 -3.100	2
6 7 212 0.11	3.6	2.4 D C*D				3
EDI Z 211521.95	P	EU23.10	S 2E	8.5 HO.18M	0.25 200	7
EDI NS2115				7.7 HO.11ML	0.25 200	7
EDI EW2115				8.1 HO.22ML	0.25 200	7
EBL Z 211522.94	P	E 24.7	S 2E			12
EAU Z 211524.69	P	EU27.8	S 2E			23
-1						
090286	1255 9.76	190.69/	876.76	5.0	GAIRLOCH/L.MAREE,HIGHL1	
9 29 270 0.15	4.3	5.3 D C*D	3.0 1.5		57.732 -5.516	2
MCD Z 125532.2	P	2 48.0	S			3
MCD NS1255			4.8 HO.2 ML		0.25 200	136
MCD EW1255			4.5 HO.2 ML		0.25 200	136
MDO Z 125522.8	P	32.3	S 2			76
MME Z 125536.0	P	2				160
MVH Z 125523.6	P	2				82
MLA Z 1255		49.5	S 2			142
KAC Z 125515.0	P	2 19.0	S 2			29
-1						
090286	203343.15	256.48/	794.65	5.0	DALWHINNIE,HIGHLAND	1
13 73 187 0.57	2.5685.3	0 0*D	8.2 0.9		57.021 -4.364	2
MCD Z 203358.8	P	2 69.5	S			3
MCD NS2033			4.0 HO.1 ML		0.25 200	92
MCD EW2033			4.6 HO.15ML		0.25 200	92
MME Z 2033		68.7	S			91
MVH Z 203359.9	P	71.0	S			101
MLA Z 2033		71.0	S 2			155

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ELO Z 203355.5	P EU62.2	S 2E	4.4 H0.1 ML	0.25 200	73
EAB Z 203358.8	P E 69.0	S 2E			93
EOU Z 203359.6	P EU71.3	S 2E			98
EBH Z 203359.8	P E 71.6	S 2E	2.9 H0.1 ML	0.25 200	101
-1					
130286 HEREFORD	HF 350		5.0FORD	BARGOED,MID GLAMORGAN	1
03912.92	312.38/ 202.14	0.0 1.5	51.711 -3.268		2
5 37 285 0.18	6.4 5.6 D D*D				3
MCH Z 003919.92	P 1E 25.33	S 1			37
MCH NS0039			10.5H0.14ML	1.0 200	37
HAE Z 0039	32.43	S 2			62
HCG Z 003925.84	P 1E				73
SBD Z 003935.60	P 2E				133
-1					
130286 LOWNET	LN 472	581	5.0DWR	LROSEWELL,MIDLOTHIAN	1
103455.65	330.11/ 662.71	12.5 0.7	55.853 -3.117		2
7 9 115 0.06	0.3 0.3 B A*B				3
EDI Z 103457.89	P IU59.48	S ED15.0H0.28M		1.0 200	9
EDI NS1034		8.0H0.23ML		1.0 200	9
EDI EW1034		10.7H0.19ML		1.0 200	9
EBL Z 103458.21	P IU60.01	S 3ED			10
EAU Z 103500.09	P EU02.62	S 4E			21
ESY Z 103501.95	P E				32
EBH Z 103505.28	P E				50
-1					
130286 LOWNET	LN 472	727	5.0DWR	LROSEWELL,MIDLOTHIAN	1
211036.64	329.94/ 663.21	12.5 0.5	55.857 -3.119		2
7 8 113 0.04	0.3 0.3 B A*B				3
EDI Z 211038.72	P IU40.39	S 2ED	8.1H0.29M	1.0 200	9
EDI NS2110		6.5H0.18ML		1.0 200	9
EDI EW2110		5.5H0.18ML		1.0 200	9
EBL Z 211039.23	P 1ID41.21	S 2EU			11
EAU Z 211041.08	P 2E				21
ESY Z 211043.00	P 3E				32
EBH Z 211046.20	P 3E				50
-1					
140286 LOWNET	LN 472	997	5.0DWR	LHARPERRIG RES,LOTHIAN	1
1639 4.92	311.22/ 662.34	12.5 0.0	55.846 -3.418		2
6 2 156 0.05	9.8 8.8 D D*C	2.4 0.0			3
EAU Z 163905.80	P ID06.32	S 2ED		1.0 200	2
EDI Z 163908.20	P IU10.78	S 2E	5.1H0.09M		17
EDI NS1639			1.6H0.12ML	1.0 200	17
EDI EW1639			3.1H0.09ML	1.0 200	17
EBL Z 163909.66	P IU12.99	S 2E			25
-1					
140286	192141.84	174.31/ 804.91	5.0	KNOYDART,HIGHLAND	1
5 19 212 0.21	7.8 45.7 D D*D	7.9 0.1	57.080 -5.725		2
M00 Z 1921	67.0	S 3			3
MVH Z 1921	77.3	S			132
KAR Z 192145.8	P 48.3	S			19
KSB Z 192146.6	P ID49.3	S	9.0 H0.1 ML	0.25 200	23
KAC Z 1921	51.9	S 3			53
-1					
170286 HEREFORD	HF 350		5.0FORD	W OF HEREFORD,HER&WOR	1
64720.51	337.87/ 235.09	13.9 1.0	52.010 -2.905		2
4 7 175 0.00	C A*D				3
MCH Z 064723.23	P ID25.20	S 1			7
MCH NS0647			5.2H0.08ML	10.0 200	7
HAE Z 064725.40	P IU				25
HLM Z 064730.16	P 2E				56
-1					
170286 HEREFORD	HF 350		5.0FORD	W OF HEREFORD,HER&WOR	1
64831.42	336.76/ 241.66	12.3 1.1	52.069 -2.923		2
4 10 150 0.00	C A*D				3
MCH Z 064834.20	P ID36.22	S 1			10
MCH NS0648			4.6H0.10ML	10.0 200	10
HAE Z 064836.40	P IU				26
HLM Z 0648	46.32	S 2			50
-1					
170286 HEREFORD	HF 350		5.0FORD	W OF HEREFORD,HER&WOR	1
656 4.07	336.30/ 241.83	8.1 1.3	52.071 -2.929		2
17 9 112 0.28	1.5 3.5 B B*B				3
MCH Z 065606.81	P ID07.73	S 1			9
MCH SM0656			4.1H0.08ML	0.25 4	9
HAE Z 065609.03	P IU		4.6H0.08ML	10.0 200	26
HLM Z 065612.41	P 1IU18.75	S 2	10.9H0.07ML	1.0 200	50
HCG Z 065613.84	P 1ID21.08	S 2			57
SBD Z 065620.40	P 3E				96
WFB Z 065620.91	P 1ID				102
WBR Z 065621.76	P 2E				109
WLC Z 065623.17	P 1E				118
WFF Z 065623.90	P 1ID37.91	S 2			124
WFF NS0656			9.5H0.08ML	0.25 200	124
WFF EW0656			8.7H0.07ML	0.25 200	124
BSE Z 065615.41	P 2E				70
BFR Z 065615.99	P 2E				74
BBR Z 065620.10	P 2E 32.54	S 3			99
-1					
180286	131754.87	67.31/ 753.25	5.0	S. HEBRIDES, HIGHLAND	1
6105 343 0.46	39.8 38.6 D D*D	5.0 1.6	56.553 -7.416		2
					3

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KAR Z 131812.0	P 3	25.0	S 3			105
KSB Z 131818.0	P 3	33.0	S 3			142
KAC Z 131822.0	P 3	41.0	S 3			166
MDO Z 1318		62.0	S 3			210
MCD Z 1318		73.0	S 3			277
MCD NS1318				2.5 H0.1 ML	0.25 200	277
MCD EW1318				2.0 H0.1 ML	0.25 200	277
-1						
190286				5.0	SKYE, HIGHLAND	1
3 032.71 134.40/ 845.05			9.8 1.5		57.418 -6.424	2
6 47 326 0.29 9.8 8.0 D D*D			25.5	S 2		3
MCD Z 0301						191
MCD NS0301				2.5 H0.15ML	0.25 200	191
MCD EW0301				1.3 H0.15ML	0.25 200	191
MDO Z 0301		07.5	S 2			124
MVH Z 0301		12.2	S 2			145
KYL Z 030040.50	P	IU46.75	S			47
KYL NS0300				17.0H0.12ML	1.0 200	47
KYL EW0300				18.0H0.11ML	1.0 200	47
KAC Z 030044.35	P					68
-1						
190286 CORNWALL				5.0	E. OF NEWQUAY, CORNWALL 1	
135758.04 191.92/ 63.72			7.8 2.1		50.436 -4.930	2
12 10 170 0.07 0.4 1.7 B A*C						3
CSA Z 135800.40	P	OIU				10
CST Z 135803.66	P	OIU				32
CBW Z 135804.15	P	OIU				35
CR2 Z 135804.18	P	OIU				34
CCA Z 135804.30	P	OIU				35
CCO Z 135804.85	P	OIU				38
CGH Z 135806.15	P	OIU				46
HTL Z 135809.72	P	2E 18.15	S 2			70
HTL NS1358				5.1 H0.11ML	2.5 200	70
HTL EW1358				4.3 H0.12ML	2.5 200	70
DYA Z 135810.05	P	1 U18.43	S 2			71
DYA NS1358				4.0 H0.10ML	10.0 200	71
DYA EW1358				3.6 H0.08ML	10.0 200	71
DCO Z 135810.70	P	1 U				76
-1						
240286N WALES				5.0	LLEYN AFTERSHOCK 1	
54630.28 241.78/ 344.07			21.1 0.9		52.970 -4.356	2
22 5 138 0.13 0.5 0.7 B A*C						3
WCB Z 054639.0	P	4				47
WCB NS0546				6.8 H0.06ML	0.25 200	47
WCB EW0546		44.54	S 2		0.25 200	47
YRC Z 054636.8	P	2ID41.5	S 2			34
YRE Z 054633.8	P	1ID36.16	S 3			5
WPM Z 054638.25	P	1IU43.05	S 3			44
WLF Z 054636.84	P	2E 41.67	S 2			36
WME Z 054638.5	P	2E 44.41	S 2			48
YLL Z 054635.36	P	2I 38.33	S 2			23
WFF Z 054635.6	P	2I				25
WFF NS0546				17.0H0.06ML	2.5 200	25
WFF EW0546		39.55	S 1		14.2H0.06ML	2.5 200
WVR Z 054639.57	P	3E 44.7	S 3			54
WBR Z 054636.63	P	2IU41.15	S 2			34
WLC Z 054637.55	P	1IU42.3	S 2			39
WFB Z 054637.43	P	3E 42.23	S 2			39
-1						
250286 HEREFORD	HF 352			5.0FORD	KNIGHTON, POWYS 1	
85848.65 331.87/ 271.32			4.1 1.0		52.335 -3.000	2
4 38 229 0.71 0.7 D D*D						3
MCH Z 085845.70	P	IU61.39	S 1			38
MCH NS0858				8.9H0.23ML	0.25 200	38
HCG Z 085856.65	P	2E				45
HAE Z 085859.73	P	3E				45
-1						
280286 LOWNET	LN 474	786		5.0DWR	LROSEWELL, LOTHIAN 1	
0 135.00 329.75/ 663.10			12.5		55.856 -3.122	2
6 8 180 0.09 0.2 2.2 C B*C			3.3 0.2			3
EDI Z 000136.98	P	IU38.12	S 2E		15.8H0.30M	0.25 200
EDI NS0001			IU		8.6H0.31ML	0.25 200
EDI EW0001			E		7.1H0.29ML	0.25 200
EBL Z 000137.26	P	ED38.72	S 3E			10
EAU Z 000139.06	P	ED41.81	S 3E			21
-1						
020386 LOWNET	LN 474	1728		5.0DWR	LROSEWELL, LOTHIAN 1	
201652.49 329.46/ 662.82			12.5		55.853 -3.127	2
7 9 117 0.13 0.8 0.7 B A*B			0.5 0.5			3
EOI Z 201654.77	P	IU55.95	S 2E		9.1H0.32M	1.0 200
EDI NS2016			IU		4.3H0.31ML	1.0 200
EDI EW2016			E		4.6H0.31ML	1.0 200
EBL Z 201655.01	P	EU56.99	S 3E			10
EAU Z 201656.91	P	EU59.61	S 3E			21
ESY Z 201658.9	P	2E				33
EBH Z 201702.2	P	2E				50
-1						
030386N WALES				5.0	LLEYN AFTERSHOCK 1	
132436.10 238.05/ 342.27			23.3 1.2		52.953 -4.411	2
22 3 202 0.08 0.3 0.5 C A*D						3
WCB Z 132444.96	P	3E		4.2 H0.09ML	1.0 200	48
WCB NS1324						48

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WCB	EW1324		50.8	S 3	7.2	H0.07ML	1.0	200	48
YRC	Z 132442.93	P 2E	47.4	S 2					35
YRE	Z 132439.97	P 1I042.55		S 3					3
WPM	Z 132444.65	P 1IU50.7		S 3					48
WLF	Z 132443.2	P 1I 48.0		S 1					37
WME	Z 132444.9	P 2E 50.96		S 3					50
WIM	Z 132473.47	P 4E							134
YLL	Z 132441.75	P 1IU44.9		S 3					26
WFF	Z 132442.02	P 2E							29
WFF	NS1324		46.13	S 2	6.5	H0.12ML	2.5	200	29
WFF	EW1324				7.5	H0.12ML	2.5	200	29
WVR	Z 132446.05	P 2E	51.73	S 4					57
WBR	Z 132443.02	P 2E	47.71	S 2					36
WLC	Z 132444.00	P 1IU49.39		S 2					43
WFB	Z 132443.41	P 2E	48.48	S 3					39
	-1								
060386	LOWNET	LN 475	526	12.5	5.00DWR	LLASSWADE, LOTHIAN	1		
	53526.07	332.12/	664.77	7.5 0.0		55.871 -3.085			
6	9 214 0.05	1.0	0.7 C A*B						2
EDI	Z 053528.32	P EU29.81		S 2E	8.0H0.31M	0.25 200			9
EDI	NS0535				4.9H0.31ML	0.25 200			9
EDI	EW0535				4.6H0.31ML	0.25 200			9
EBL	Z 053528.61	P E 30.60		S 2E					11
EAU	Z 053530.56	P E 33.78		S 2E					23
	-1								
060386	LOWNET	LN 475	302	12.5	5.00DWR	L FORT WILLIAM, HIGHLAND	1		
	131841.16	216.83/	775.85	7.3 0.8		56.838 -5.003			
5	51 197 0.19	0.7	2.0 C B*D						3
EAB	Z 131855.1	P E 64.3		S 2E	4.5H0.10ML	0.25 200			83
ELO	Z 131856.1	P E 65.8		S 2E	2.4H0.11ML	0.25 200			89
KAR	Z 131849.92	P 3E							51
	-1								
070386	LOWNET	LN 475	889	12.5	5.00DWR	L ROSEWELL, LOTHIAN	1		
	75049.75	329.50/	663.06	1.6 1.1		55.856 -3.126			
10	8 116 0.12	0.4	0.7 B A*B						2
EDI	Z 075051.81	P IUS3.21		S 2EU	11.3H0.31M	2.5 200			8
EDI	NS0750	IU			5.5H0.31ML	2.5 200			8
EDI	EW0750	I0			6.6H0.31ML	2.5 200			8
EBL	Z 075052.11	P ID54.00		S 2ED					11
EAU	Z 075053.99	P EU56.61		S 2EU					21
ESY	Z 075056.00	P 1ID60.21		S 3E					33
EBH	Z 075058.90	P 1EU65.79		S 3E					50
	-1								
080386	LOWNET	LN 475	1147	12.5	5.00DWR	L ROSEWELL, LOTHIAN	1		
	23321.07	329.43/	662.53	2.1 0.2		55.851 -3.127			
8	9 119 0.14	0.5	0.9 B A*B						2
EDI	Z 023323.01	P EU24.10		S 2EU	21.3H0.21M	0.25 200			9
EDI	NS0233	IU			14.9H0.18ML	0.25 200			9
EDI	EW0233	E			12.0H0.17ML	0.25 200			9
EBL	Z 023323.32	P ID24.78		S 2EU					10
EAU	Z 023325.26	P ID27.9		S 2E					21
ESY	Z 023327.3	P 2E							33
EBH	Z 023330.2	P 2E							50
	-1								
080386	LOWNET	LN 475	1318	12.5	5.00DWR	L ROSEWELL, LOTHIAN	1		
	145152.54	328.70/	663.08	4.1 1.0		55.856 -3.139			
8	8 119 0.15	0.8	3.9 B B*B						3
EDI	Z 145154.40	P IUS5.79		S 2ED	7.2H0.19M	2.5 200			8
EDI	NS1451	IU			I010.2H0.12ML	2.5 200			8
EDI	EW1451	E			E 12.7H0.19ML	2.5 200			8
EBL	Z 145154.87	P ID56.60		S 2ED					11
EAU	Z 145156.61	P ID58.80		S 2EU					20
ESY	Z 145158.67	P EU62.23		S 3E					34
	-1								
090386	LOWNET	LN 475	1553	12.5	5.00DWR	L ROSEWELL, LOTHIAN	1		
	74837.84	329.28/	662.44	0.6 1.4		55.850 -3.130			
8	9 120 0.11	0.8	1.2 B A*B						2
EDI	Z 074840.02	P IU41.82		S 2E	16.7H0.39M	2.5 200			9
EDI	NS0748	IU			E 9.7H0.6 ML	2.5 200			9
EDI	EW0748	E			I010.2H0.32ML	2.5 200			9
EBL	Z 074840.31	P ID42.23		S 2E					10
EAU	Z 074842.20	P ID44.63		S 3E					20
ESY	Z 074844.3	P 2E							33
EBH	Z 074846.8	P 2E							50
	-1								
100386	LOWNET	LN 475	1994	12.5	5.00DWR	L FOREST MILL, FIFE	1		
	153946.82	297.63/	694.84	1.3 0.6		56.135 -3.647			
8	15 125 0.12	0.6	0.9 B A*C						2
EBH	Z 153950.01	P E 52.39		S 2E	12.1H0.40ML	0.25 200			15
EAU	Z 153953.4	P E 58.2		S 2E	2.5H0.30ML	0.25 200			35
ELO	Z 153954.2	P E 59.2		S 2E	3.0H0.38ML	0.25 200			38
EAB	Z 153954.8	P E 60.6		S 2E					43
	-1								
110386N	WALES				5.0	LLEYN AFTERSHOCK	1		
	05731.41	241.36/	344.28	22.5 0.8		52.972 -4.363			
22	4 138 0.25	1.1	1.2 C B*C						2
WCB	Z 005739.89	P 3E							3
WCB	NS0057								47
WCB	EW0057								47
YRC	Z 005737.91	P 2E	45.6	S 1	4.0 H0.04ML	1.0 200			34
YRE	Z 005735.05	P 1ID38.02		S 2					4
WPM	Z 005739.55	P 1IU							44

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WLF Z 005738.05	P 1IU42.42	S 2					35
WME Z 005739.78	P 2ID45.87	S 2					47
WIM Z 005768.00	P 3E						132
YLL Z 005736.68	P 1IU39.72	S 1					23
WFF Z 005737.06	P 2E						25
WFF NS0057							
WFF EW0057	41.00	S 2	5.0 HO.06ML 5.2 HO.07ML	2.5	200	2.5	25
WVR Z 005741.18	P 2E						55
WBR Z 005738.11	P 2E	42.36	S 3				34
WLC Z 005739.00	P 2E	43.25	S 3				39
WFB Z 005738.5	P 2E	42.93	S 3				39
-1							
120386N WALES							
74520.83	241.09/ 343.93	22.2 0.8	5.0	LLEYN AFTERSHOCK			1
21 4 144 0.20	0.9 0.9 C B*C			52.969 -4.367			2
WCB Z 074529.35	P 2E						3
WCB NS0745							47
WCB EW0745	35.1	S 2	11.5HO.07ML 11.5HO.09ML	0.25	200	0.25	47
YRC Z 074527.27	P 2E						34
YRE Z 074524.42	P 1ID27.08	S 2					4
WPM Z 074529.03	P 1IU						45
WLF Z 074527.57	P 2I 32.28	S 2					36
WME Z 074529.25	P 2E						48
WIM Z 074557.76	P 3E						133
YLL Z 074526.12	P 1IU28.96	S 2					23
WFF Z 074526.54	P 1I						26
WFF NS0745							
WFF EW0745	30.52	S 2	4.4 HO.05ML 5.0 HO.09ML	2.5	200	2.5	26
WVR Z 074530.6	P 2E	36.15	S 3				55
WBR Z 074527.5	P 2E	31.85	S 3				34
WLC Z 074528.41	P 1IU32.95	S 3					40
WFB Z 074528.02	P 2E	32.72	S 3				39
-1							
120386 HEREFORD	HF 354			5.0FORD	BIRMINGHAM, W MIDLANDS		1
21 530.60	402.68/ 283.92	7.0 1.4			52.453 -1.960		2
14 16 185 0.09	0.5 0.8 C A*D						3
HAE Z 210540.99	P IU						61
HLM Z 210541.16	P IO						63
MCH Z 210544.84	P 1IU55.09	S 2					87
MCH NS2105							
MCH EW2105				7.9HO.07ML	1.0 200	1.0 200	87
HTR Z 210546.58	P 1E			6.4HO.09ML			87
HCG Z 210549.81	P 3E						99
BBR Z 210534.78	P IU						116
BSE Z 210534.85	P IO			15.0HO.10ML	2.5 200	2.5 200	21
B1 Z 210534.02	P ID36.41	S		15.1HO.07ML			21
B2S Z 210534.03	P ID36.43	S					17
B3 Z 210534.01	P ID36.39	S					17
-1							17
150386 LOWNET	LN 476 1208			5.0DWR	LROSEWELL, LOTHIAN		1
75012.52	330.00/ 663.20	2.3-0.2			55.857 -3.118		2
5 9 183 0.04	0.3 0.2 C A*D						3
EDI Z 075014.50	P EU15.79	S 2E	8.9HO.31M	0.25	200	0.25	9
EDI NS0750	EU	E	6.3HO.20ML	0.25	200	0.25	9
EDI EW0750	EO	E	3.7HO.20ML	0.25	200	0.25	9
EBL Z 075014.80	P E 16.38	S 2E					10
EAU Z 075016.6	P 2E						21
-1							
170386 LOWNET	LN 476 1986			5.0DWR	LNEWTONGRANGE, LOTHIAN		1
16 548.87	332.45/ 663.95	2.6 0.5			55.864 -3.079		2
6 9 124 0.23	2.0388.0 C A*B						3
EDI Z 160551.02	P ED52.67	S 1E	8.8HO.29M	1.0 200	1.0 200	1.0 200	9
EDI NS1605	ED	ID	5.6HO.21ML				9
EDI EW1605	EU	E	5.0HO.28ML	1.0 200	1.0 200	1.0 200	9
EBL Z 160551.22	P ID53.12	S 2EU					10
EAU Z 160553.09	P EU						24
ESY Z 160554.12	P 2ED						30
EBH Z 160558.3	P 2E						50
-1							
180386 LOWNET	LN 476 2213			5.0DWR	LROSEWELL, LOTHIAN		1
83812.07	329.54/ 662.97	0.0 0.4			55.855 -3.126		2
6 9 177 0.10	24.1 21.1 D D*C						3
EDI Z 083814.32	P E 15.54	S 2E	20.5HO.30M	0.25	200	0.25	9
EDI NS0838	EU		EU12.0HO.30ML	0.25	200	0.25	9
EDI EW0838	E		E 11.4HO.32ML	0.25	200	0.25	9
EBL Z 083814.65	P ED16.59	S 2EU					10
EAU Z 083816.50	P E 19.7	S 3E					21
-1							
190386N WALES							
214140.42	239.13/ 342.94	23.4 0.7	5.0	LLEYN AFTERSHOCK			1
24 3 178 0.10	0.4 0.5 B A*C			52.959 -4.395			2
WCB Z 214149.24	P 2E						3
WCB NS2141	54.87	S 3	9.5 HO.06ML	0.25	200	0.25	48
WCB EW2141			10.2HO.02ML				48
YRC Z 214147.15	P 2I 51.85	S 2					35
YRE Z 214144.17	P 1ID46.85	S 1					3
WPM Z 214148.77	P 1IU54.96	S 2					47
WLF Z 214147.39	P 2I 52.11	S 2					37
WME Z 214149.06	P 2ID55.19	S 3					49
YLL Z 214145.9	P OIU49.7	S 1					25
WFF Z 214146.22	P 1IU			10.5HO.06ML	1.0 200	1.0 200	28
WFF NS2141							28

PHASE DATA : 1986

WFF	EW2141		50.25	S 1	17.3	H0.07ML	1.0	200	28
WVR	Z 214150.25	P 2E	56.87	S 2					56
WBR	Z 214147.2	P 1IU51.87		S 2					36
WLC	Z 214148.14	P 1IU53.46		S 2					42
WFB	Z 214148.09	P 2ID52.7		S 3					39
	-1								
200386					5.0		TORRIDON, HIGHLAND		1
6 9 258 0.07	35735.40	194.14/	853.66	5.0 0.1		57.526	-5.439		2
KYL	Z 035739.95	P	43.5	S					3
KYL	NS0357				7.5	H0.08ML	0.25	200	25
KYL	EW0357				10.0	H0.1 ML	0.25	200	25
KSB	Z 035741.85	P	46.6	S					35
KAC	Z 035737.55	P	ID38.9	S					9
	-1								
210386N WALES					5.0		LLEYN AFTERSHOCK		1
104054.60	239.65/	342.64	20.6	1.1		52.957	-4.387		2
22 4 174 0.14	0.6	0.6	B A*C						3
WCB	Z 104063.15	P	2E						48
WCB	NS1040				4.3	H0.07ML	1.0	200	48
WCB	EW1040		68.95	S 2	5.0	H0.10ML	1.0	200	48
YRC	Z 104061.10	P	1ID						35
YRE	Z 104058.14	P	1ID60.25	S 2					4
WPM	Z 104062.44	P	3E 68.45	S 3					47
WLF	Z 104061.34	P	2I 66.17	S 2					37
WME	Z 104063.04	P	2I 69.2	S 2					49
YLL	Z 104059.84	P	1IU62.97	S 2					25
WFF	Z 104060.17	P	1IU						27
WFF	NS1040				10.1	H0.06ML	2.5	200	27
WFF	EW1040		64.24	S 2	10.7	H0.08ML	2.5	200	27
WVR	Z 104064.25	P	3E 69.65	S 3					56
WBR	Z 104061.1	P	3E 65.65	S 3					35
WLC	Z 104062.08	P	1IU67.26	S 2					41
WFB	Z 104061.7	P	3E 66.35	S 3					39
	-1								
210386 HEREFORD	HF 335				5.0	FORD	NR MONMOUTH, GWENT		1
162824.87	354.08/	207.84	26.7	1.4			51.767	-2.665	2
5 17 199 0.04	0.7	1.8	C A*D						3
HGH	Z 162830.04	P	1E						17
HAE	Z 162831.44	P	1IU36.35	S 1					31
MCH	Z 162831.96	P	2E 36.95	S 1					34
MCH	NS1628				17.9	H0.40ML	0.25	200	34
MCH	EW1628				18.1	H0.35ML	0.25	200	34
	-1								
210386N WALES					5.0		LLEYN AFTERSHOCK		1
191534.13	240.19/	343.34	23.8	1.3			52.963	-4.380	2
22 4 159 0.08	0.4	0.4	B A*C						3
WCB	Z 191542.9	P	2IU						48
WCB	NS1915		48.52	S 3	2.6	H0.7 ML	1.0	200	48
WCB	EW1915				3.5	H0.1 ML	1.0	200	48
YRC	Z 191540.9	P	1ID45.56	S 2					35
YRE	Z 191538.2	P	2I 40.62	S 2					4
WPM	Z 191542.46	P	1IU48.05	S 3					46
WLF	Z 191541.12	P	1IU45.73	S 2					36
WME	Z 191542.75	P	2E 48.65	S 2					49
YLL	Z 191539.55	P	1IU						24
WFF	Z 191539.91	P	2IU						26
WFF	NS1915		43.85	S 1	10.0	H0.08ML	2.5	200	26
WFF	EW1915				12.5	H0.09ML	2.5	200	26
WVR	Z 191543.81	P	2E						55
WBR	Z 191540.87	P	2E 45.52	S 2					35
WLC	Z 191541.77	P	1IU46.95	S 2					41
WFB	Z 191541.39	P	2ID46.42	S 2					39
	-1								
250386	62418.74	178.76/	790.87	2.9 0.5	5.0		KNOYDART, HIGHLAND		1
4 12 225 0.34							56.956	-5.639	2
KAR	Z 062421.4	P	1O23.1	S	OF	1/12/85	MALLAIG EVENT		3
KSB	Z 062424.0	P			15.0	H0.1 ML	1.0	200	12
KAC	Z 062430.3	P			4.5	H0.1 ML	0.25	200	31
	-1				4.1	H0.1 ML	0.25	200	64
250386	1744 6.96	176.58/	795.68	3.0 0.8	5.0		KNOYDART, HIGHLAND		1
5 13 192 0.50	1.7	0.7	D C*D				56.998	-5.679	2
KAR	Z 174409.5	P	1O11.2	S	22.2	H0.1 ML	1.0	200	13
KSB	Z 174412.2	P	15.8	S	3.6	H0.1 ML	1.0	200	28
KAC	Z 174418.8	P			11.0	H0.08ML	0.25	200	60
	-1								
250386	182854.07	175.62/	794.04	1.7 0.2	5.0		KNOYDART, HIGHLAND		1
5 11 196 0.63	35.7	5.6	D D*D				56.983	-5.693	2
KAR	Z 182856.55	P	1O58.1	S	22.5	H0.1 ML	0.25	200	11
KSB	Z 182860.3	P	62.8	S	6.5	H0.1 ML	0.25	200	30
KAC	Z 182866.0	P							62
	-1								
260386	41248.66	172.00/	799.10	2.9 1.6	5.0		KNOYDART, HIGHLAND		1
10 13 170 0.22	3.4	4.2	C C*C				57.027	-5.757	2
KYL	Z 041255.0	P							3
KYL	NS0412				3.4	H0.13ML	2.5	200	35
KYL	EW0412				5.3	H0.16ML	2.5	200	35
KAR	Z 041251.61	P	ID53.0	S					13

Table 5 (cont'd)

PHASE DATA : 1986

KSB Z 041254.25	P IU						29
KAC Z 041259.3	P						60
MCD Z 0412	93.7	S 3					163
MCD NS0412			5.1 HO.29ML		0.25 200		163
MCD EW0412			5.0 HO.2 ML		0.25 200		163
MDO Z 041265.6	P 2 76.0	S 3					96
MVH Z 041271.1	P 2 87.0	S 3					138
-1							
260386			5.0		KNOYDART, HIGHLAND		1
60026.31	167.59/ 795.15	7.3 0.8			56.989 -5.826		2
4 8 208 0.26	C B*D						3
KAR Z 060028.3	P ID30.0	S	17.0HO.15ML		1.0 200		8
KS B Z 060032.2	P						35
KAC Z 060037.65	P						65
-1							
260386 HEREFORD	HF 356			5.OFORD	WINFORTON, HER & WOR		1
172940.73	330.25/ 247.51	0.6 0.5			52.121 -3.019		2
5 14 169 0.06	0.2 0.5 C A*D						3
MCH Z 172943.88	P ID46.50	S 1					14
MCH NS1729			5.1HO.06ML		2.5 200		14
MCH EW1729			7.0HO.07ML		2.5 200		14
HTR Z 172944.54	P IU						18
HAE Z 172947.22	P 1E						34
HCG Z 172949.86	P 1E						49
-1							
260386 LOWNET	LN 478 376	12.5	5.00WR	LLOCH EARN, TAYSIDE			1
195344.83	268.64/ 725.61	2.3-0.3			56.405 -4.129		2
5 27 226 0.09	0.3 0.1 C A*D						3
ELO Z 195349.89	P E 53.37	S 2E	2.0HO.10ML		0.25 200		27
EAB Z 195350.00	P E 53.61	S 2E	3.0HO.09ML		0.25 200		27
EBH Z 195352.59	P E 57.3	S 3E					42
-1							
280386			5.0	KNOYDART, HIGHLAND			1
05829.41	193.10/ 776.08	2.0 0.9			56.830 -5.392		2
4 28 286 0.97	D D*D						3
KAR Z 005834.6	P ID38.3	S	14.5HO.1 ML		1.0 200		28
KS B Z 005836.2	P		6.6 HO.1 ML		0.25 200		42
KAC Z 005844.0	P		3.0 HO.15ML		0.25 200		75
-1							
280386			5.0	NORTH SEA			1
25731.78		23.7 4.0			60.939 2.595		2
9 55 167 0.17	2.0 3.5 C B*D						3
EDU Z 025846.97	P 1E 101.3	S 2	22.6HO.24ML		0.25 200	587	
ELO Z 025850.60	P 1E 106.6	S 2				618	
EBH Z 025852.08	P 1E					632	
ESY Z 025853.11	P 1E					637	
EDI Z 025855.25	P 3E					653	
EAB Z 025856.23	P 1E					665	
EBL Z 025856.54	P 1ED					663	
EAU Z 025856.87	P 1E					669	
SUE Z 025750.3	P 61.4	S				118	
ASK Z 025754.7	P 71.1	S				151	
KMY Z 025766.3	P 90.8	S				243	
HYA Z 025760.2	P 81.0	S				195	
SFJ Z 025741.3	P					55	
-1							
290386 LOWNET	LN 478 1343	12.5	5.00WR	LROSEWELL, LOTHIAN			1
18 712.72	329.13/ 662.88	2.5 1.1			55.854 -3.132		2
7 8 119 0.01	0.1 0.1 B A*B						3
EDI Z 180714.62	P IU16.01	S 2E	18.1HO.38M		1.0 200		8
EDI NS1807	IU		EU12.8HO.40ML		1.0 200		8
EBL Z 180715.00	P ID16.61	S 2ED					11
EAU Z 180716.61	P E 19.5	S 3E					20
ESY Z 180718.80	P 2E						33
EBH Z 180721.9	P 2E						50
-1							
310386 LOWNET	LN 478 1780	12.5	5.00WR	LLASSWADE, LOTHIAN			1
15010.03	331.16/ 663.84	1.5-0.1			55.863 -3.100		2
5 9 199 0.05	1.0 0.8 C A*D						3
EDI Z 015012.22	P E 13.62	S 2E	6.0HO.25M		0.25 200		9
EDI NS0150	E	E	5.5HO.21ML		0.25 200		9
EBC Z 015012.45	P E 14.3	S 2E					11
EAU Z 015014.42	P E						22
-1							
010486N WALES			5.0	LLEYN AFTERSHOCK			1
84920.62	238.74/ 343.33	21.5 1.7			2+ 52.963 -4.401		2
24 3 180 0.15	0.6 0.7 B A*C FELT PWLLHELI						3
WCB Z 084929.15	P 2IU						47
WCB NS0849			2.5 HO.07ML		10.0 200		47
WCB EW0849	34.95	S 2	2.9 HO.07ML		10.0 200		47
YRC Z 084927.23	P 1ID31.57	S 2					34
YRE Z 084924.22	P 1ID26.1	S 3					3
WPM Z 084928.92	P 1IU34.25	S 3					47
WLF Z 084927.37	P 1IU31.67	S 2					36
WME Z 084929.05	P 2IU35.08	S 2					49
WIM Z 084941.61	P 3E 57.62	S 4					133
YLL Z 084926.00	P 1IU29.77	S 1					25
WFF Z 084926.42	P 1IU						28
WFF NS0849	30.41	S 1					28
WFF SM0849			7.5 HO.06ML		0.25 4		28
WVR Z 084930.29	P 1ID						57
WBR Z 084927.4	P 1ID32.14	S 1					36

Table 5 (cont'd)

PHASE DATA : 1986

WLC Z 084928.28	P 2IU33.21	S 2	42
WFB Z 084927.95	P 1IU32.56	S 2	40
-1			
010486 LOWNET 123249.30	LN 478 329.50/ 662.78	12.5 0.7 1.4	5.0DWR 2+ 55.853 -3.126
7 9 118 0.07	0.6 0.8 B A*B	FELT ROSEWELL	1 2 3
EDI Z 123251.47	P IU53.06	S 2E024.1H0.31M	2.5 200 9
EDI NS1232	IU	E 12.6H0.31ML	2.5 200 9
EBL Z 123251.79	P ID53.74	S 2E	10
EAU Z 123253.68	P ID56.47	S 3ED	21
ESY Z 123255.68	P ID59.77	S 3E	33
ELO Z 123302.35	P 2E		78
EDU Z 123303.18	P 3E		78
EAB Z 123304.20	P 2E		84
-1			
020486 104357.28	169.40/ 800.68	5.9 1.5	5.0 KNOYDART, HIGHLAND
14 14 203 0.58	2.6 2.2 D D*D	MORE MALLAIG AFTERSHOCKS	1 2 3
EAB Z 104418.91	P EU33.4	S EU11.0H0.1 ML	0.25 200 131
ELO Z 104420.9	P E 36.9	S E 7.6 H0.1 ML	0.25 200 143
EBH Z 104424.79	P EU43.1	S E 10.5H0.11ML	0.25 200 166
EDU Z 104427.0	P E 47.7	S E	179
EAU Z 104429.6	P		197
KAR Z 104359.9	P IU60.7	S 2	14
KS B Z 104362.7	P 66.5	S 2 3.0 H0.15ML	2.5 200 30
KAC Z 104367.6	P		60
-1			
040486 LOWNET 174230.71	LN 479 329.40/ 662.94	12.5 0.2-0.1	5.0DWR 55.855 -3.128
6 8 175 0.07	14.5 12.6 D D*C		1 2 3
EDI Z 174232.88	P IU34.30	S 2E 8.7H0.23M	0.25 200 9
EDI NS1742	IU	E 6.8H0.18ML	0.25 200 9
EBL Z 174233.30	P ED35.22	S 2E	11
EAU Z 174235.20	P ED38.21	S E	21
-1			
060486 LOWNET 101244.54	LN 479 330.16/ 662.91	12.5 0.6 0.8	5.0DWR 55.854 -3.116
7 9 114 0.03	0.2 0.2 B A*B		1 2 3
EDI Z 101246.81	P ID48.31	S 2E 7.0H0.29M	1.0 200 9
EDI NS1012	ID	EU 4.0H0.70ML	1.0 200 9
EBL Z 101247.04	P ID48.91	S 2EU	10
EAU Z 101248.98	P ID52.22	S 3E	21
ESY Z 101250.80	P 2E		32
-1			
060486 135234.04	167.35/ 796.91	6.0 0.8	5.0 KNOYDART, HIGHLAND
11 10 211 0.60	12.0 9.0 D D*D		1 2 3
KAR Z 135236.25	P 38.0	S	10
KS B Z 135239.0	P		34
KAC Z 135245.0	P 54.0	S 2 9.5 H0.1 ML	0.25 200 64
EAB Z 135255.16	P EU70.0	S E 7.5 H0.2 ML	0.25 200 64
ELO Z 135257.25	P EU73.5	S 1E2.5 H0.09ML	0.25 200 143
EBH Z 135301.13	P ED		166
EDU Z 135303.2	P EU		180
-1			
060486 221110.85	178.39/ 759.09	5.0 0.9	5.0 STRONTIAN, HIGHLAND
4 30 323 0.41	D C*D		1 2 3
KAR Z 221116.3	P 20.7	S	30
KS B Z 221121.9	P 28.1	S 2 4.0 H0.1 ML	0.25 200 61
KAC Z 22111	48.4	S 3 5.0 H0.1 ML	0.25 200 94
-1			
100486 LOWNET 222651.64	LN 480 330.41/ 663.27	12.5 0.5 1.3	5.0DWR 2+ 55.858 -3.112
8 9 111 0.09	0.4 0.4 B A*B	FELT BETWEEN ROSEWELL & ST.JOSEPH S HOSPITAL	1 2 3
EDI Z 222653.81	P IU55.39	S 2E014.0H0.32M	2.5 200 9
EDI NS2226	IU	EU 9.3H0.32ML	2.5 200 9
EDI EW2226	ID	E 7.6H0.35ML	2.5 200 9
EBL Z 222654.19	P ID56.10	S 2EU	10
EAU Z 222656.09	P ID59.32	S 3EU	22
ESY Z 222658.05	P ED62.23	S 2E	32
EBH Z 222701.11	P 1EU		50
EAB Z 222705.72	P 2E		85
-1			
120486 0 611.06	176.48/ 796.21	3.8 0.0	5.0 KNOYDART, HIGHLAND
5 13 189 0.13	0.4 0.3 C A*D		1 2 3
KAR Z 000613.85	P 15.6	S	13
KS B Z 000616.4	P 2 20.0	S 2 4.5 H0.1 ML	0.25 200 28
KAC Z 0006	30.7	S 3	60
-1			
150486 LOWNET 61737.97	LN 480 326.57/ 661.26	12.5 0.0 0.4	5.0DWR 55.839 -3.173
5 9 140 0.31	0.4 0.6 D C*D		1 2 3
EDI Z 061740.2	P E 41.4	S 2E 10.8H0.28M	0.25 200 9
EDI NS0617	E	E 12.7H0.30ML	0.25 200 9
EDI EW0617	E	E 12.5H0.28ML	0.25 200 9
EBL Z 061740.7	P E 42.2	S 2E	11
EAU Z 061742.2	P E		18
-1			
150486N WALES 162448.05	238.28/ 342.30	23.0 2.7	5.0 LLEYN AFTERSHOCK
			2+ 52.953 -4.408 1 2

PHASE DATA : 1986

22	3 198 0.12	0.5	0.6 C A*D	FELT PWLLHELI, PORTHMADOG, BLAENAU FFESTINIOG		3
WFF	Z 162453.98	P 1IU				28
WFF	NS1624	58.12	S 2			28
WFF	SM1624			4.2 H0.1 ML	2.5	4
WVR	Z 162457.85	P 1IU63.35	S 3			57
WBR	Z 162454.91	P 1ID59.6	S 2			36
WLC	Z 162455.90	P 1IU61.3	S 2			43
WFB	Z 162455.29	P 1ID60.56	S 2			39
WCB	Z 162456.65	P 2ID				48
WCB	NS1624	63.61	S 2			48
YRC	Z 162454.79	P 1ID59.5	S 2			35
YRE	Z 162451.85	P 1IU				3
WPM	Z 162456.57	P 1IU62.34	S 3			48
WLF	Z 162455.00	P 1ID59.86	S 2			37
WME	Z 162456.7	P 2IU62.98	S 3			50
WIM	Z 162469.22	P 2ID				134
YLL	Z 162453.62	P 1IU				26
	-1					
160486	LOWNET	LN 481	356	12.5	5.00WR	L GLEN GARRY, HIGHLAND
	162357.69	223.09/	802.02	0.0 1.0		57.075 -4.919
	4100	332 0.05	C A*D			1
ELO	Z 162414.9	P E 27.3	S 2E	4.6H0.09ML	0.25	200
EAB	Z 162415.6	P E 28.8	S 2E	4.7H0.09ML	0.25	200
	-1					105
170486	LOWNET	LN 481	529	12.5	5.00WR	L LASSWADE, LOTHIAN
	459 9.61	330.71/	664.02	0.0-0.1		55.864 -3.107
	6 8 195 0.10	0.4 0.3 C A*D				1
EDI	Z 045911.72	P E 12.98	S 2E	6.4H0.38M	0.25	200
EDI	NS0459	E	E	5.1H0.28ML	0.25	200
EDI	EW0459	E	E	4.5H0.22ML	0.25	200
EBL	Z 045912.40	P ED14.20	S 2E			8
EAU	Z 045914.31	P E 17.50	S 2E			8
	-1					11
						22
170486	LOWNET	LN 481	548	12.5	5.00WR	L ROSEWELL, LOTHIAN
	61943.80	329.33/	662.96	0.0 0.6		55.855 -3.129
	5 8 117 0.06	0.6 0.7 C A*D				1
EDI	Z 061946.00	P ED47.30	S 2E	7.7H0.18M	1.0	200
EDI	NS0619	ED	E	9.1H0.14ML	1.0	200
EDI	EW0619	EU	E	12.1H0.18ML	1.0	200
EBL	Z 061946.41	P ED48.10	S 4E			8
EAU	Z 061948.19	P IUS1.19	S 4E			8
ESY	Z 061950.32	P 2E				11
	-1					21
						33
180486				5.0	NORTH SEA	
	004413.07				59.521	1.385
	6222	309 0.75	70.8 90.2 D D*D	15.0 2.4		1
000	Z 004454.5	P I 86.0	S			2
SUE	Z 0044	82.5	S 3			3
HYA	Z 0044	90.6	S			253
KMY	Z 004445.8	P I 69.6	S			323
ASK	Z 0044	84.5	S 4			222
	-1					238
180486	LOWNET	LN 481	895	12.5	5.00WR	L ROSEWELL, LOTHIAN
	72848.16	329.01/	663.49	1.3 0.5		55.859 -3.134
	8 8 116 0.10	0.8 0.9 B A*B				1
EDI	Z 072850.10	P ID51.60	S 2E	8.4H0.32M	1.0	200
EDI	NS0728	ID	E	5.8H0.19ML	1.0	200
EDI	EW0728	IU	E	5.5H0.22ML	1.0	200
EBL	Z 072850.66	P IUS2.71	S 2E			8
EAU	Z 072852.41	P I055.09	S 2E			8
ESY	Z 072854.47	P 2E				11
EBH	Z 072857.39	P 2ED				20
	-1					33
						49
180486				5.0	WARSOP, NOTTINGHAMSHIRE	1
	112225.64	459.98/	369.10	2.7 1.7		53.215 -1.102
	6 53 217 0.31	9.2 11.2 D D*D				2
HOY	Z 112235.10	P 1E 41.65	S 2			3
HPK	Z 112241.00	P 2E 51.68	S 2			53
HPK	NS1122			17.2H0.14ML	1.0	200
HPK	EW1122			16.9H0.17ML	1.0	200
CWF	Z 112234.58	P 3E 42.60	S 3			89
CWF	NS1122			12.0H0.09ML	0.25	200
CWF	EW1122			12.5H0.08ML	0.25	200
	-1					55
180486	LOWNET	LN 481	1027	12.5	5.00WR	L HARPERRIG RESR, LOTHIAN
	17 057.98	309.47/	664.98	4.9 0.6		55.869 -3.447
	10 3 113 0.22	1.8 1.8 B B*B				1
EAU	Z 170059.28	P I059.86	S 2EU			2
EDI	Z 170101.67	P IU03.53	S 2E	13.1H0.09M	1.0	200
EDI	NS1701	IU	EU	5.5H0.11ML	1.0	200
EDI	EW1701	IU	ED	9.1H0.09ML	1.0	200
EBL	Z 170103.10	P IU05.58	S 2ED			17
EBH	Z 170105.83	P EU10.64	S 2E			17
ESY	Z 170107.09	P 1EU				42
EAB	Z 170109.11	P 1E				52
ELO	Z 170109.93	P 2E				66
EDU	Z 170111.41	P 3E				69
ESK	Z 170109.40	P 1E 15.72	S 2E	2.2H0.10M	0.25	200
ESK	NS1701	E	EU	4.4H0.09ML	0.25	200
ESK	EW1701	E	EU	6.2H0.09ML	0.25	200
ECK	Z 170111.32	P 1E 18.63	S 3E			63
XSO	Z 170112.84	P 1EU23.56	S 3EU			63
	-1					

Table 5 (cont'd)

PHASE DATA : 1986

180486N WALES										LLEYN AFTERSHOCK	1
225928.15 237.95/ 343.86										52.967 -4.413	2
19 25 200 0.10	0.6	0.9	C A*D								3
WCB Z 225936.66		P	IIU								47
WCB NS2259				42.75	S 2	5.2	H0.07ML		1.0	200	47
WCB EW2259						5.5	H0.06ML		1.0	200	47
YRC Z 225934.69		P	IID								33
WPM Z 225936.46		P	IIU								47
WLF Z 225934.88		P	IID39.53		S 2						36
WME Z 225936.64		P	2E 42.65		S 2						48
YLL Z 225933.53		P	IIU37.14		S 2						25
WFF Z 225934.00		P	2E								29
WFF NS2259				38.08	S 2						29
WFF EW2259						13.0	H0.10ML		2.5	200	29
WVR Z 225938.00		P	IIU			9.5	H0.07ML		2.5	200	58
WBR Z 225935.07		P	IIU39.76		S 2						37
WLC Z 225935.92		P	IIU41.44		S 2						43
WFB Z 225935.57		P	IID40.78		S 2						41
-1											
190486 LOWNET	LN 481	1349		12.5	5.0DWR	LCOMRIE, TAYSIDE			1		
1619 7.25	278.11/ 724.46	3.1	1.0			3+	56.397	-3.975	2		
11 18 199 0.27	1.7	3.5	C B*D	FELT WIDELY IN COMRIE.					3		
ELO Z 161910.78		P	IIU12.65		S 2E	8.8	H0.10M		1.0	200	18
EAB Z 161913.39		P	EU17.00		S 2E	5.6	H0.09M		1.0	200	32
EBH Z 161913.62		P	IIU17.50		S 2E	010.5	H0.10M		1.0	200	33
EDU Z 161918.30		P	EU25.31		S 2EU						62
EAU Z 161919.16		P	IEU								70
EDI Z 161920.29		P	2E 27.59		S 2E	3.0	H0.10M		0.25	200	72
EDI NS1619		E			E	7.8	H0.10ML		0.25	200	72
EDI EW1619		E			E	5.0	H0.10ML		0.25	200	72
EBL Z 161923.31		P	1EU								90
ESY Z 161924.18		P	IEU								100
-1											
200486 LOWNET	LN 481	1560		12.5	5.0DWR	LAUCHENDINNY, LOTHIAN			1		
737 1.31	325.34/ 660.41	0.0	0.1	0.0-0.1		55.831	-3.192		2		
5 10 150 0.22	0.6	1.0	C B*D						3		
EDI Z 073703.80		P	E 05.41		S 2E	6.8	H0.35M		0.25	200	10
EDI NS0737		E			E	6.5	H0.20ML		0.25	200	10
EDI EW0737		E			E	4.5	H0.21ML		0.25	200	10
EBL Z 073704.15		P	E 05.88		S 2E						11
EAU Z 073705.30		P	IEU								17
-1											
220486N WALES						5.0			LLEYN AFTERSHOCK	1	
135128.77	240.11/ 342.86	22.9	1.5			52.959	-4.381		2		
22 4 166 0.07	0.3	0.5	B A*C						3		
WCB Z 135137.5		P	IIU								48
WCB NS1351				43.25	S 2	7.6	H0.07ML		1.0	200	48
WCB EW1351						9.0	H0.05ML		1.0	200	48
YRC Z 135135.52		P	IID40.17		S 2						35
YRE Z 135132.52		P	IEU								4
WPM Z 135137.02		P	IIU42.94		S 3						46
WLF Z 135135.65		P	IID40.41		S 2						37
WME Z 135137.35		P	IID43.38		S 3						49
WIM Z 135150.46		P	4E 65.64		S 4						134
YLL Z 135134.14		P	IIU37.87		S 2						25
WFF Z 135134.45		P	IEU								27
WFF NS1351				38.45	S 1	3.5	H0.08ML		10.0	200	27
WFF EW1351						4.0	H1.0 ML		10.0	200	27
WVR Z 135138.37		P	2E		S 2						55
WBR Z 135135.5		P	2E 40.07		S 2						35
WLC Z 135136.37		P	IIU41.17		S 2						41
WFB Z 135135.97		P	IID40.96		S 2						38
-1											
220486 LOWNET	LN 482	36		12.5	5.0DWR	LROSEWELL, LOTHIAN			1		
192442.78	329.98/ 662.80	0.3	0.8	0.3 0.8		55.853	-3.119		2		
6 9 115 0.03	0.2	0.2	B A*B						3		
EDI Z 192445.04		P	ID46.56		S 2E	9.5	H0.25M		1.0	200	9
EDI NS1924		E			EU	5.6	H0.8 ML		1.0	200	9
EDI EW1924		E			E	5.9	H0.25ML		1.0	200	9
EBL Z 192445.26		P	ID47.15		S E						10
EAU Z 192447.22		P	ED								21
ESY Z 192449.12		P	2E								32
EBH Z 192452.35		P	2EU								50
-1											
230486 LOWNET	LN 482	165		12.5	5.0DWR	LROSEWELL, LOTHIAN			1		
44550.04	329.72/ 663.40	0.0	-0.3	0.0-0.3		55.859	-3.123		2		
5 8 181 0.04	47.7	39.4	D D*D						3		
EDI Z 044552.06		P	E 53.6		S 2E	4.1	H0.18M		0.25	200	8
EDI NS0445		E			E	5.0	H0.16ML		0.25	200	8
EDI EW0445		E			E	4.6	H0.16ML		0.25	200	8
EBL Z 044552.77		P	E 54.6		S 2E						11
EAU Z 044554.50		P	ED								21
-1											
260486 LOWNET	LN 482	1265		12.5	5.0DWR	LROSEWELL, LOTHIAN			1		
122120.79	327.67/ 662.14	0.0	-0.2	0.0-0.2		55.847	-3.155		2		
5 9 152 0.08	4.8	6.1	D C*D						3		
EDI Z 122122.85		P	E 24.69		S 2E	6.1	H0.29M		0.25	200	9
EDI NS1221		E			E	4.5	H0.25ML		0.25	200	9
EDI EW1221		E			E	4.0	H0.21ML		0.25	200	9
EBL Z 122123.59		P	E 25.4		S E						11
EAU Z 122124.90		P	E								19
-1											

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270486	24913.91	175.93/ 805.61	3.9 0.4	5.0	KNOYDART, HIGHLAND	1
7 21 163 0.27	2.2	7.1 C C*C			57.087 -5.699	2
KPL Z 024919.4		P ID22.7	S			3
KPL NS0249				6.5 HO.19ML	0.25 200	28
KPL EW0249				5.1 HO.2 ML	0.25 200	28
KAR Z 024918.0	P	20.5	S			21
KSB Z 024918.5	P	20.8	S			22
KAC Z 024923.3	P	2				52
-1						
280486 LOWNET	LN 482	1762	12.5	5.0DWR	LASSWADE, LOTHIAN	1
01827.88	331.46/ 663.87		0.0-0.4		55.863 -3.095	2
6 9 202 0.10	3.3	2.1 D C*D				3
EDI Z 001830.10	P E	31.4	S 2E	3.5HO.20M	0.25 200	9
EDI NS0018	E		E	3.0HO.20ML	0.25 200	9
EDI EW0018	E		E	3.1HO.20ML	0.25 200	9
EBL Z 001830.6	P E	32.3	S 2E			11
EAU Z 001832.6	P E	36.2	S 2E			23
-1						
300486 LOWNET	LN 483	399	12.5	5.0DWR	LROSEWELL, LOTHIAN	1
20 112.29	328.89/ 662.51		0.0 0.0		55.851 -3.136	2
6 9 167 0.11	4.5	4.3 C C*C				3
EDI Z 200114.53	P IU	15.68	S 2E	10.3HO.22M	0.25 200	9
EDI NS2001	IU		E	7.8HO.19ML	0.25 200	9
EDI EW2001	E		EU	6.5HO.20ML	0.25 200	9
EBL Z 200114.89	P ED	16.70	S 2E			10
EAU Z 200116.70	P E	19.65	S 2E			20
-1						
020586			5.0		CANNOCK, STAFFORDSHIRE	1
17 824.71	397.08/ 317.57	5.0 2.0			2+ 52.755 -2.043	2
15 24 171 0.23	1.3	1.5 C B*C FELT REPORTS				3
B8R Z 170829.41	P 2E			3.0HO.46ML	10.0 200	24
BSE Z 170829.97	P 1ID					28
BFR Z 170831.20	P 1ID35.98		S 3E			37
HLM Z 170835.32	P 1ID					63
HAE Z 170839.24	P 1IU					87
SBD Z 170839.84	P 3E					84
MCH Z 170842.23	P 3E 55.18		S 1IU			107
HTR Z 170843.10	P 3E 56.67		S 3E			112
HCG Z 170844.55	P 3E					120
HGH Z 170847.37	P 2IU					135
CWF Z 170833.35	P 2E 39.79		S 2IU			50
CWF NS1708				15.9HO.22ML	1.0 200	50
-1						
020586 HERFORD	HF 361		5.0FORD		NR HEREFORD, HER & WOR	1
20 321.27	341.84/ 231.10	17.9 0.6			51.975 -2.847	2
5 11 139 0.02	0.4	0.6 C A*D				3
MCH Z 200324.90	P IU27.44		S 1			11
MCH NS2003				4.9HO.08ML	2.5 200	11
MCH EW2003				10.4HO.09ML	2.5 200	11
HAE Z 200326.05	P IU					22
HTR Z 200327.31	P 1E					31
HGH Z 200328.24	P 1E					38
-1						
040586N WALES			5.0		LLEYN AFTERSHOCK	1
65156.50	238.53/ 342.96	22.0 1.0			52.959 -4.404	2
13 3 284 0.07	0.6	0.5 C A*D				3
WCB Z 06525.07	P 2E					48
WCB NS0652						48
WCB EW0652		10.85	S 2	4.0 HO.07ML	1.0 200	48
YRC Z 06523.1	P 1ID7.64		S 2	4.5 HO.07ML	1.0 200	48
YRE Z 06520.11	P 2 2.51		S 2			34
WPM Z 06524.97	P 1IU11.2		S 3			3
WLF Z 06523.29	P 1ID8.0		S 2			47
WME Z 06525.13	P 2E 11.07		S 2			37
YLL Z 06521.96	P 1IU5.70		S 1			49
-1						26
060586 LOWNET	LN 484	118	12.5	5.0DWR	LROSEWELL, LOTHIAN	1
234312.92	329.33/ 662.82	0.0 0.1			55.853 -3.129	2
6 9 174 0.09	9.2	8.3 D C*D				3
EDI Z 234315.17	P ED16.40		S 2E	7.1HO.21ML	0.25 200	9
EDI NS2343	ED		ED	6.9HO.23ML	0.25 200	9
EDI EW2343	E		E	10.0HO.29ML	0.25 200	9
EBL Z 234315.55	P EU17.30		S 2E			10
EAU Z 234317.32	P EU20.52		S 2E			21
-1						
070586N WALES			5.0		S. OF CONWAY, GWYNEDD	1
51756.26	279.04/ 374.22	19.9 0.9			53.251 -3.813	2
20 6 228 0.15	0.7	1.1 C A*D				3
WCB Z 051765.42	P 3E					51
WCB NS0517		71.23	S 2	6.1 HO.11ML	0.25 200	51
WCB EW0517				5.1 HO.07ML	0.25 200	51
YRC Z 051765.5	P 3E 71.16		S 2			51
YRE Z 051765.06	P 1IU71.31		S 2			51
WPM Z 051759.82	P 1IU					6
WLF Z 051763.4	P 1IU68.2		S 2			39
WME Z 051763.1	P 2E 67.41		S 2			37
WIM Z 051788.37	P 4E					115
YLL Z 051761.6	P 1IU65.28		S 2			27
WFF Z 051761.6	P 4					33
WFF NS0517		66.63	S 2	13.0HO.07ML	1.0 200	33
WFF EW0517				12.2HO.06ML	1.0 200	33

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WVR Z 051765.4	P 1IU71.71	S 2				52
WBR Z 051763.92	P 2E 69.22	S 1				44
WLC Z 051761.89	P 1IU65.9	S 1				29
-1						
070586N WALES						
6 845.33	322.99/ 308.96	12.6 1.1	5.0	WELSHPOOL POWYS	1	
16 24 153 0.11	0.8 0.9 B A*C			52.673 -3.139	2	
WFF Z 060856.4	P 3E					3
WFF EW0608	63.93	S 3				67
WVR Z 060851.65	P 2E 55.93	S 2				67
WBR Z 060854.68	P 2E					34
WLC Z 060854.8	P 2E					55
WFB Z 060855.83	P 2E 62.62	S 2				56
YRE Z 060859.68	P 3E 71.15	S 3				61
YLL Z 060859.49	P 3E					93
HLM Z 060849.91	P 1E					87
SBD Z 060850.36	P 1ID					24
HCG Z 060854.10	P 2E 60.25	S 2				27
HTR Z 060856.51	P 2E					53
MCH NS0608	66.72	S 2	8.2 HO.12ML	0.25 200	67	
MCH EW0608			6.5 HO.10ML	0.25 200	76	
MCH Z 060860.0	P 4E					76
-1						
070586 LOWNET	LN 484 275	12.5	5.0DWR	LROSEWELL, LOTHIAN	1	
11 546.88	329.65/ 662.88	0.0 0.3		55.854 -3.124	2	
6 9 177 0.11	12.2 10.5 D D*C					3
EDI Z 110549.10	P E 50.50	S E 11.4HO.22M	0.25 200			9
EDI NS1105		E 11.2HO.23ML	0.25 200			9
EDI EW1105		E 15.0HO.29ML	0.25 200			9
EBL Z 110549.61	P E 51.20	S E				10
EAU Z 110551.40	P E 54.52	S E				21
-1						
080586 LOWNET	LN 484 563	12.5	5.0DWR	LAUCHENDINNY, LOTHIAN	1	
75834.54	325.35/ 661.60	0.9 0.0		55.842 -3.192	2	
5 9 142 0.14	0.9 1.4 C A*D					3
EDI Z 075836.9	P EU38.3	S 2E 6.5HO.20M	0.25 200			9
EDI NS0758		EU 5.7HO.21ML	0.25 200			9
EDI EW0758		E 6.6HO.28ML	0.25 200			9
EBL Z 075837.5	P E 39.0	S 2E				12
EAU Z 075838.1	P E					17
-1						
090586 LOWNET	LN 484 813	12.5	5.0DWR	LROSEWELL, LOTHIAN	1	
211 1.48	329.88/ 663.55	1.1 0.4		55.860 -3.120	2	
7 8 112 0.19	1.1 1.2 B B*B					3
EDI Z 021103.35	P EU04.81	S 2E 14.2HO.21M	0.25 200			8
EDI NS0211		E 11.8HO.22ML	0.25 200			8
EDI EW0211		E 18.9HO.29ML	0.25 200			8
EBL Z 021104.01	P E 05.50	S 2E				11
EAU Z 021105.77	P EU09.02	S 2E				21
ESY Z 021107.90	P E					32
-1						
090586 LOWNET	LN 484 845	12.5	5.0DWR	LROSEWELL, LOTHIAN	1	
42448.04	330.00/ 663.53	2.4 0.0		55.860 -3.118	2	
6 8 185 0.08	0.5 0.5 C A*D					3
EDI Z 042450.00	P 1051.14	S 2E 5.8HO.31M	0.25 200			8
EDI NS0424		ED 5.0HO.35ML	0.25 200			8
EDI EW0424		E 6.2HO.28ML	0.25 200			8
EBL Z 042450.41	P E 51.91	S 2E				11
EAU Z 042452.10	P E 55.10	S 2E				21
-1						
090586 LOWNET	LN 484 1063	12.5	5.0DWR	LMUSSELBURGH, LOTHIAN	1	
201736.82	333.22/ 672.48	0.0-0.4		55.941 -3.069	2	
8 8 200 0.31	1.3 1.2 D C*D					3
EDI Z 201738.41	P EU39.85	S 2E 6.6HO.17M	0.25 200			8
EDI NS2017		ED 4.2HO.18ML	0.25 200			8
EDI EW2017		E 4.3HO.14ML	0.25 200			8
EBL Z 201740.80	P EU43.85	S 2E				19
ESY Z 201742.57	P EU46.77	S 2E				29
EAU Z 201742.80	P E 47.08	S 3E				26
-1						
100586 LOWNET	LN 484 1125	12.5	5.0DWR	LROSEWELL, LOTHIAN	1	
04410.89	329.30/ 663.27	0.6 0.2		55.857 -3.130	2	
7 8 116 0.09	0.8 1.0 B A*B					3
EDI Z 004412.95	P EU14.29	S 2E 10.2HO.31M	0.25 200			8
EDI NS0044		EU 7.5HO.22ML	0.25 200			8
EDI EW0044		EU11.6HO.29ML	0.25 200			8
EBL Z 004413.50	P E015.2	S 3E				11
EAU Z 004415.20	P E 18.3	S 3E				20
ESY Z 004417.4	P 2E					33
-1						
100586 LOWNET	LN 484 1213	12.5	5.0DWR	LROSEWELL, LOTHIAN	1	
7 642.30	328.78/ 662.89	2.5 0.1		55.854 -3.138	2	
6 8 120 0.04	0.2 0.3 B A*B					3
EDI Z 070644.16	P EU45.49	S 2EU 6.0HO.20M	0.25 200			8
EDI NS0706		EU 8.1HO.21ML	0.25 200			8
EDI EW0706		E 9.4HO.29ML	0.25 200			8
EBL Z 070644.59	P E 46.20	S 2E				11
EAU Z 070646.2	P 3E					20
ESY Z 070648.5	P 2E					34
-1						
120586 HEREFORD	204010.77	396.89/ 320.80	7.8 1.5	5.0	NR STAFFORD, STAFFS	1
					52.784 -2.046	2

Table 5 (cont'd)

PHASE DATA : 1986

PHASE DATA : 1986

EDI EW1820		P E	61.3	S 2E	EU11.5H0.23ML	0.25	200	9
EBL Z 182059.82		P E	04.2	S 3E				10
EAU Z 182101.49		P E						21
ESY Z 182103.28		P E						32
-1								
190586 LOWNET	LN 485	2070	12.5	5.00DWR	LROSEWELL, LOTHIAN	0.25	200	1
213013.78	329.23/ 662.27	0.3-0.1	55.848	-3.130				2
6 9 170 0.10	7.2 6.6 D D*C							3
EDI Z 213016.06	P EU17.61	S 2E	5.5H0.22M	0.25	200	9		
EDI NS	E	E	5.5H0.20ML	0.25	200	9		
EDI EW2130	E	EU	4.7H0.23ML	0.25	200	9		
EBL Z 213016.30	P ED18.01	S 2E						10
EAU Z 213018.22	P ED21.0	S 3E						20
-1								
200586 LOWNET	LN 485	2122	12.5	5.00DWR	LROSEWELL, LOTHIAN	0.25	200	1
11357.55	328.99/ 662.96	2.7-0.1	55.855	-3.134				2
5 8 171 0.06	0.5 17.4 D C*D	P E	4.6H0.30M	0.25	200	8		
EDI Z 011359.47	P 60.72	S 2E	4.6H0.25ML	0.25	200	8		
EDI NS0113	E	EU	6.9H0.23ML	0.25	200	8		
EDI EW0113	E	E						
EBL Z 011359.89	P E	S 2E						11
EAU Z 011401.41	P E	S 3E						20
-1								
200586 LOWNET	LN 485	2128	12.5	5.00DWR	LLOCH LINNHE, HIGHLAND	0.25	200	1
14011.97	179.38/ 758.51	1.3 1.2	56.666	-5.601				2
16 31 209 1.16	8.3 6.0 D D*D	P E	5.0H0.12ML	0.25	200	94		
EAB Z 014028.7	P 38.6	S 2E	6.3H0.20ML	0.25	200	118		
ELO Z 014031.6	P E	S 2E	3.2H0.12ML	0.25	200	137		
EBH Z 014035.3	P E	S 2E	1.5H0.16ML	0.25	200	160		
EDU Z 014038.5	P E	S 2E	11.0H0.1 ML	0.25	200	75		
KPL Z 014025.0	P 37.4	S	8.0 H0.1 ML	0.25	200	75		
KPL NS0140								
KPL EW0140								
KAR Z 014018.5	P 21.1	S						31
KSB Z 014022.2	P 28.1	S						62
KAC Z 014028.5	P 40.5	S						95
-1								
200586 LOWNET	LN 486	41	12.5	5.00DWR	LLASSWADE, LOTHIAN	0.25	200	1
17 457.01	330.84/ 663.92	2.0 0.1	55.864	-3.105				2
6 8 196 0.09	0.8 0.9 C A*D	P EU60.35	S 2E	8.1H0.32M	0.25	200	8	
EDI Z 170458.94	P E	S 2E	7.9H0.22ML	0.25	200	8		
EDI NS1704	E	EU	9.6H0.28ML	0.25	200	8		
EDI EW1704	E	E						
EBL Z 170459.48	P E	S 2E						11
EAU Z 170501.27	P E	S 2E						22
-1								
200586 LOWNET	LN 486	98	12.5	5.00DWR	LROSEWELL, LOTHIAN	0.25	200	1
211443.55	329.71/ 662.93	0.0 0.1	55.854	-3.123				2
6 9 178 0.12	10.8 9.2 D D*C	P E	6.5H0.30M	0.25	200	9		
EDI Z 211445.80	P 47.1	S 2E	6.7H0.23ML	0.25	200	9		
EDI NS2114	E	EU	8.5H0.30ML	0.25	200	9		
EDI EW2114	E	E						
EBL Z 211446.18	P E	S 2E						10
EAU Z 211448.07	P E	S 3E						21
-1								
210586 LOWNET	LN 486	41	12.5	5.00DWR	LROSEWELL, LOTHIAN	0.25	200	1
44159.07	329.57/ 662.84	0.0 0.4	55.854	-3.125				2
6 9 176 0.15	6.8 6.0 D D*C	P ID02.59	S 2E	14.5H0.32M	0.25	200	9	
EDI Z 044201.31	P E	S 2E	11.7H0.24ML	0.25	200	9		
EDI NS0442	ID	EU	16.5H0.28ML	0.25	200	9		
EDI EW0442	EU	E						
EBL Z 044201.79	P ED03.29	S 2E						10
EAU Z 044203.56	P ED06.51	S 3E						21
-1								
210586 LOWNET	LN 486	413	12.5	5.00DWR	LROSEWELL, LOTHIAN	0.25	200	1
195743.04	329.87/ 662.98	0.4 0.3	55.855	-3.120				2
7 9 115 0.10	0.6 0.6 B A*B	P EU46.60	S 2E	12.5H0.32M	0.25	200	9	
EDI Z 195745.28	P E	S 2E	10.5H0.23ML	0.25	200	9		
EDI NS1957	E	EU	14.0H0.29ML	0.25	200	9		
EDI EW1957	E	E						
EBL Z 195745.70	P EU47.29	S 2E						10
EAU Z 195747.51	P E	S 3E						21
ESY Z 195749.36	P 2E	S 3E						32
-1								
220586 ESKNET	ES 262	12.5	5.00DWR	LSW BARNARD CASTLE, DRHM1				
25149.80	394.34/ 508.32	4.3 1.4	54.470	-2.087				
14 44 163 0.50	2.7 5.6 C C*C	P E						2
XAL Z 025155.1	P 4E	S 3E						3
XDE Z 025205.1	P 2E	S 2E						91
ECK Z 025206.84	P ED19.00	S 2E						104
ESK Z 025209.23	P ED23.30	S E	3.8H0.21M	0.25	200	118		
ESK NS0252	ED	E	4.3H0.20ML	0.25	200	118		
ESK EW0252	EU	E	4.2H0.23ML	0.25	200	118		
EBL Z 025215.9	P 3E	S 3E	1.5H0.15M	0.25	200	157		
ESY Z 025216.9	P 3E	S 2E	1.4H0.16M	0.25	200	165		
HPK Z 025200.3	P 3E	S 2E						65
HOY Z 025207.6	P 2E	S 2E						103
-1								
220586 LOWNET	LN 486	686	12.5	5.00DWR	LROSEWELL, LOTHIAN	0.25	200	1
161020.92	329.11/ 662.86	2.5 0.2	55.854	-3.132				2
7 8 119 0.21	1.3 1.9 B B*B	P E	13.2H0.32M	0.25	200	8		3
EDI Z 161022.87	P E	S 2E						

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EDI NS1610		E		E	9.5H0.21ML	0.25	200	8
EDI EW1610		E		S 2E	14.1H0.28ML	0.25	200	8
EBL Z 161023.47	P	E 24.9		S 2E				11
EAU Z 161024.6	P	2E 27.2		S 3E				20
ESY Z 161026.8	P	2E						33
-1								
230586 LOWNET	LN 486	912	12.5	5.00DWR	LROSEWELL,LOTHIAN	1		
83338.64	329.29/	662.97	0.4 1.2		55.855 -3.130		2	
10 8 103 0.12	0.6	0.8 B A*B					3	
EDI Z 083340.79	P	EU42.30		S 2E	D11.1H0.20M	2.5	200	8
EDI NS0833		EU			ED14.5H0.18ML	2.5	200	8
EDI EW0833		E			IU15.4H0.26ML	2.5	200	8
EBL Z 083341.30	P	ED43.18		S 2E				11
EAU Z 083343.00	P	ID46.21		S 2E				20
ESY Z 083345.10	P	1EU						33
EBH Z 083347.57	P	1EU53.45		S 3E				50
EDU Z 083352.60	P	2E						78
EAB Z 083353.22	P	2E						84
ESK Z 083349.36	P	E 56.57		S 2E	5.0H0.24M	0.25	200	60
ESK NS0833		EU			EU 3.5H0.16ML	0.25	200	60
ESK EW0833		E			E 4.9H0.26ML	0.25	200	60
-1								
230586 LOWNET	LN 486	1034	12.5	5.00DWR	LSALINE,FIFE	1		
172830.83	299.52/	693.92	1.4 0.6		56.127 -3.617		2	
6 15 189 0.29	1.9	2.3 C B*D					3	
EBH Z 172833.90	P	ID36.8		S 2E		0.25	200	15
EAU Z 172837.0	P	E						33
EDI Z 172837.2	P	E 43.2		S 2E	6.5H0.19M	0.25	200	35
EDI NS1728		EU			E 3.5H0.22ML	0.25	200	35
EDI EW1728		E			E 4.2H0.28ML	0.25	200	35
ELO Z 172838.1	P	E						39
-1								
230586 LOWNET	LN 486	1035	12.5	5.00DWR	LSALINE,FIFE	1		
172835.43	299.86/	693.59	0.0 0.9		56.125 -3.611		2	
9 15 116 0.05	0.3	0.4 B A*C					3	
EBH Z 172838.85	P	ED42.0		S 2E		0.25	200	15
EAU Z 172841.86	P	E 46.6		S 2E				33
EDI Z 172842.30	P	E 47.2		S 2E	5.4H0.18M	0.25	200	35
EDI NS1728		EU			E 11.6H0.19ML	0.25	200	35
EDI EW1728		E			E 6.7H0.28ML	0.25	200	35
ELO Z 172843.00	P	E						39
EAB Z 172844.1	P	2E 50.5		S 3E				46
-1								
240586N WALES				5.0	LLEYN AFTERSHOCK	1		
203130.32	238.68/	344.04	23.8 1.2		52.969 -4.403		2	
17 2 169 0.07	0.4	0.6 B A*C					3	
WCB Z 203139.29	P	3E						47
WCB NS2031		44.76		S 2	3.0 H0.08ML	1.0	200	47
WCB EW2031					5.0 H0.10ML	1.0	200	47
YRC Z 203134.58	P	4E 41.61		S 3				33
YRE Z 203134.17	P	110						2
WPM Z 203138.65	P	1IU						46
WLF Z 203137.16	P	2E 41.95		S 2				36
WME Z 203138.87	P	11D44.85		S 2				48
YLL Z 203135.77	P	1IU38.85		S 2				25
WFF Z 203136.18	P	2IU						28
WFF NS2031				S 2	12.8H0.11ML	2.5	200	28
WFF EW2031		40.3		S 2	10.0H0.11ML	2.5	200	28
WVR Z 203140.18	P	2E						57
WBR Z 203137.27	P	1IU42.05		S 2				37
WLC Z 203138.12	P	1IU43.68		S 3				42
WFB Z 203137.91	P	2E						40
-1								
260586 LOWNET	LN 486	1834	12.5	5.00DWR	LROSEWELL,LOTHIAN	1		
31940.82	327.70/	662.24	0.0 0.0		55.848 -3.155		2	
6 9 153 0.07	2.4	2.7 C B*C					3	
EDI Z 031943.0	P	E 44.5		S 2E	5.7H0.19M	0.25	200	9
EDI NS0319		E			E 8.5H0.15ML	0.25	200	9
EDI EW0319		E			EU 8.0H0.25ML	0.25	200	9
EBL Z 031943.6	P	E 45.3		S 2E				11
EAU Z 031944.9	P	E 48.0		S 2E				19
-1								
270586 LOWNET	LN 486	2185	12.5	5.00DWR	LROSEWELL,LOTHIAN	1		
45322.26	329.48/	662.77	0.1 1.0		55.853 -3.127		2	
13 9 83 0.07	0.2	0.2 B A*B					3	
EDI Z 045324.50	P	ED25.93		S 1EU	8.0H0.19M	2.5	200	9
EDI NS0453		EU			EU10.5H0.16ML	2.5	200	9
EDI EW0453		E			IU10.5H0.20ML	2.5	200	9
EBL Z 045324.70	P	E 26.82		S 2E				10
EAU Z 045326.68	P	I029.82		S 2E				21
ESY Z 045328.72	P	1E						33
EBH Z 045331.72	P	1EU38.4		S 3E				50
EDU Z 045336.2	P	1E						78
ESK Z 045333.20	P	EU40.21		S 2E	4.0H0.28M	0.25	200	60
ESK NS0453		E			EU 2.6H0.16ML	0.25	200	60
ESK EW0453		E			E 4.4H0.27ML	0.25	200	60
ECK Z 045335.82	P	EU44.86		S 3E				75
-1								
280586 LOWNET	LN 487	399	12.5	5.00DWR	LROSEWELL,LOTHIAN	1		
182252.01	329.35/	662.51	0.6 1.2		55.851 -3.129		2	
9 9 120 0.09	0.5	0.5 B A*B					3	
EDI Z 182254.19	P	IU55.69		S 1E	10.0H0.35M	2.5	200	9

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EDI NS1822	IU	IU	6.7H0.33ML	2.5	200	9
EDI EW1822	ID	IU	8.3H0.35ML	2.5	200	9
EBL Z 182254.49	P EU56.12	S 2EU				10
EAU Z 182256.32	P ID59.40	S 2ED				21
ESY Z 182258.46	P EO					33
EBH Z 182301.49	P EU08.02	S 2ED				50
EDU Z 182305.91	P 1EU					78
EAB Z 182306.47	P 2E					84
-1						
290586 LOWNET	LN 487 642	12.5	5.0DWR	L DOLLAR, CENTRAL		1
115821.30	294.45/ 696.40	1.2 0.3		56.149 -3.699		2
9 16 121 0.11	0.5 0.8 B A*C					3
EBH Z 115824.67	P IU27.41	S 1E	8.4H0.5 M		0.25 200	16
ELO Z 115828.02	P EU32.98	S 2E	1.5H0.35M		0.25 200	36
EAU Z 115828.2	P E					37
EAB Z 115828.9	P E 34.2	S 2E	1.5H0.20M		0.25 200	40
EDI Z 115829.1	P E 34.3	S 2E	4.1H0.10M		0.25 200	41
EDI NS1158	E	E	3.6H0.11ML		0.25 200	41
EDI EW1158	E	E	3.5H0.10ML		0.25 200	41
-1						
300586 LOWNET	LN 487 992	12.5	5.0DWR	L LASSWADE, LOTHIAN		1
132021.53	330.46/ 664.31	1.1 0.2		55.867 -3.111		2
6 8 195 0.07	1.3 1.1 C B*D					3
EDI Z 132023.51	P EU25.04	S 2E	15.4H0.32M		0.25 200	8
EDI NS1320	EU	ED	ED11.3H0.28ML		0.25 200	8
EDI EW1320	ED		ED 7.4H0.32ML		0.25 200	8
EBL Z 132024.11	P EU26.23	S 2ED				11
EAU Z 132025.90	P ED29.10	S 2E				22
-1						
300586 LOWNET	LN 487 1099	12.5	5.0DWR	L ROSEWELL, LOTHIAN		1
21 6 7.27	329.51/ 662.71	0.0 0.1		55.852 -3.126		2
6 9 175 0.07	10.7 9.5 D D*C					3
EDI Z 210609.55	P EU10.9	S 2E	10.3H0.25M		0.25 200	9
EDI NS2106	EU	EU	8.6H0.20ML		0.25 200	9
EDI EW2106	E	E	7.3H0.25ML		0.25 200	9
EBL Z 210609.8	P EU26.23	S 2E				10
EAU Z 210611.7	P E 11.68	S 2E				21
-1						
300586 LOWNET	LN 487 1109	12.5	5.0DWR	L POLTON, LOTHIAN		1
214954.97	330.18/ 664.69	1.0 1.1		2+ 55.870 -3.116		2
8 7 111 0.05	0.4 0.4 B A*B FELT	POLTON, LASSWADE.				3
EDI Z 214956.76	P ID58.20	S 1EU	9.5H0.55M		1.0 200	7
EDI NS2149	ID	EU	9.9H0.55ML		1.0 200	7
EDI EW2149	IU	IU	IU10.0H0.55ML		1.0 200	7
EBL Z 214957.68	P EU59.68	S 1ED				12
EAU Z 214959.41	P E 602.42	S 2EU				21
ESY Z 215001.10	P 1E					32
EBH Z 215004.01	P 2E					49
-1						
300586 LOWNET	LN 487 1121	12.5	5.0DWR	L GLENEAGLES, TAYSIDE		1
2241 6.13	293.21/ 707.06	8.0-0.1		56.244 -3.723		2
10 13 101 0.20	0.9 5.4 C C*B					3
EBH Z 224109.28	P IU11.14	S 1ID	7.3H0.09ML		0.25 200	13
ELO Z 224110.90	P E 14.1	S 2E	3.4H0.18ML		0.25 200	25
EAB Z 224113.0	P 2E 18.1	S 2E	1.1H0.16ML		0.25 200	39
EAU Z 224114.3	P 2E 19.9	S 2E				48
EDU Z 224116.1	P 1E 22.8	S 2EU				55
-1						
030686 LEEDS	LD278		5.0OTURBITTLBARNESLEY, S. YORKSHIRE			1
195425.96	439.14/ 411.69	2.0 1.4		2+ 53.600 -1.409		2
6 13 196 0.15	1.3 1.7 C B*D FELT	HEMSWORTH AREA				3
HPK Z 195433.55	P 2E 39.1	S 2E				42
HPK NS1954			9.25H0.15ML		1.0 200	42
HPK EW1954			9.75H0.17ML		1.0 200	42
HOY Z 195428.8	P E 30.3	S 2E				43
CWF Z 195442.0	P 2E 53.7	S 3E	7.0 H0.1 ML		0.25 200	96
CWF NS1954			6.25H0.17ML		0.25 200	96
CWF EW1954						96
-1						
040686 LOWNET	LN 488 332	12.5	5.0DWR	L ROSEWELL, LOTHIAN		1
142610.09	329.83/ 662.55	0.3 0.7		55.851 -3.121		2
7 9 117 0.03	0.2 0.2 B A*B					3
EDI Z 142612.37	P EU13.98	S 2EU	10.2H0.28M		1.0 200	9
EDI NS1426	ED	ED	9.0H0.21ML		1.0 200	9
EDI EW1426	E	EU	6.5H0.30ML		1.0 200	9
EBL Z 142612.52	P ID14.46	S 2IU				10
EAU Z 142614.50	P ID17.77	S 2EU				21
ESY Z 142616.48	P ED					33
EBH Z 142619.55	P EO					50
-1						
060686 LOWNET	LN 488		5.0DWR	L FOREST MILL, FIFE		1
154730.83	295.91/ 694.22	0.0 0.9		56.129 -3.675		2
9 17 122 0.18	1.0 1.9 C B*C					3
EBH Z 154734.31	P IU37.28	S 2EU				17
EAU Z 154737.32	P EU42.61	S 3E	5.7H0.36ML		0.25 200	35
ELO Z 154738.19	P EU43.61	S 2E	8.1H0.38ML		0.25 200	38
EAB Z 154738.89	P EU		2.6H0.31ML		0.25 200	42
EBL Z 154741.42	P E					56
EDU Z 154742.5	P 1E					62
-1						
070686 LOWNET	LN 488 1166	25.0	5.0DWR	L ROSEWELL, LOTHIAN		1
253 9.24	329.24/ 662.66	0.1 1.2		2+ 55.852 -3.130		2

Table 5 (cont'd)

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ELO Z 043841.10	P E 54.11	S 2E		97
EBH Z 043844.12	P EU			110
EAU Z 043847.35	P EU			127
EDU Z 043848.09	P ED			140
EDI Z 043848.50	P E 68.03	S E		139
EDI NS0438		4.3HO.19ML	0.25 200	139
EDI EW0438		2.6HO.18ML	0.25 200	139
EBL Z 043851.3	P E			153
ESY Z 043853.5	P E			173
KPL Z 043844.5	P 1			110
KPL NS0438		4.0HO.15ML	1.0 200	110
KAR Z 043837.3	P 1			70
KSB Z 043842.0	P 1			94
KAC Z 043847.6	P 1			126
-1				
150686 2127 7.48		5.0	L SOUTHERN NORTH SEA	1
12 50 320 0.18	4.3	1.0 3.0	53.035 2.103	2
HAE Z 212755.87	P 3E 93.40	S 2		335
HLM Z 212756.47	P 2E			342
MCH Z 212759.44	P 1E 99.08	S 2		365
MCH NS2127		16.1HO.31ML	0.25 200	365
MCH EW2127		16.5HO.30ML	0.25 200	365
HGH Z 212760.60	P 1E 101.30	S 2		369
HTR Z 212760.72	P 2E			379
HCG Z 212762.13	P 2E			397
ECK Z 212804.6	P E 46.5	S 2E	0.25 200	417
ESK Z 212806.3	P IU50.2	S 1E	0.25 200	430
ESK NS2128	ED	E 3.2HO.3 ML	0.25 200	430
ESK EW2128	ED	E 2.7HO.3 ML	0.25 200	430
ESY Z 212808.5	P EU			443
EBL Z 212809.8	P E			452
EDI Z 212811.6	P E 59.6	S 3E	0.25 200	470
EDI NS2128	E	E 2.5HO.3 ML	0.25 200	470
EDI EW2128	E	E 2.0HO.3 ML	0.25 200	470
AWI Z 212716.76	P EU			50
ABA Z 212719.16	P ED27.76	S 2E	12.5HO.2 M	2.5 200
AHE Z 212721.72	P ED			66
AWH Z 212722.84	P E		9.5HO.2 M	2.5 200
-1				90
170686 CORNWALL 35242.83	207.18/ 156.10	2.5 1.3	5.0	5 KM E OF LUNDY ISLAND
9 36 303 0.06	4.4 6.7 D C*D		51.271 -4.765	1
CSA Z 035259.86	P 2			2
CST Z 035262.92	P 2			3
CR2 Z 035263.66	P 2 78.08	S 3		103
CR2 NS0352		2.5 HO.05ML	1.0 200	123
CR2 EW0352		4.5 HO.05ML	1.0 200	126
CCA Z 035263.50	P 2			126
CBW Z 035263.67	P 2			127
CCO Z 035264.30	P 2			130
CPZ Z 035265.15	P 2			137
HTL Z 035249.47	P 2 54.33	S 2		37
-1				
170686 LOWNET LN 489 4 313.10	328.23/ 662.02	0.0 0.2	5.0DWR	L ROSEWELL, LOTHIAN
7 9 128 0.25	0.6 0.7 B B*B		55.846 -3.146	1
EDI Z 040315.20	P E 16.59	S 2EU		2
EDI NS0403		5.9HO.30ML	0.25 200	9
EDI EW0403		10.3HO.30ML	0.25 200	9
EBL Z 040315.58	P E 17.22	S 2E		10
EAU Z 040317.48	P EU20.6	S 3E		19
ESY Z 040320.2	P 2E			34
-1				
170686 HEREFORD HF 368 11 823.36	463.69/ 361.26	7.7 1.6	5.0	BILSTHORPE, NOTTS.
9 48 224 0.39	4.7 6.7 D C*D	PROBABLY MINING-INDUCED	53.144 -1.048	1
SBD Z 110847.72	P 11U65.05	S 1		2
HAE Z 110848.99	P 2E			3
MCH Z 110851.91	P 2E 72.75	S 2		151
MCH NS1108		11.8HO.14ML	0.25 200	160
MCH EW1108		10.0HO.14ML	0.25 200	184
HTR Z 1108	75.09	S 2		184
HCG Z 1108	76.42	S 2		192
CWF Z 110831.69	P 1EU37.51	S 1		199
CWF NS1108		10.0HO.20ML	0.25 200	49
CWF EW1108		13.0HO.18ML	0.25 200	49
HPK Z 110839.72	P 2E 50.34	S 3		98
-1				
170686 LOWNET LN 490 211758.29	329.80/ 662.11	2.1 0.3	5.0DWR	L ROSEWELL, LOTHIAN
8 9 120 0.14	0.6 1.1 B A*B		55.847 -3.121	1
EDI Z 211800.24	P IU01.35	S 2EU		2
EDI NS2118		3.1HO.20ML	1.0 200	9
EDI EW2118		2.8HO.35ML	1.0 200	9
EBL Z 211800.58	P ED01.73	S 2E		10
EAU Z 211802.43	P IU05.22	S 3E		21
ESY Z 211804.38	P 1E			33
EBH Z 211807.54	P EU			51
-1				
170686 LOWNET LN 490 234013.91	331.28/ 663.70	3.9 0.1	5.0DWR	L ROSEWELL, LOTHIAN
			55.862 -3.098	1
				2

Table 5 (cont'd)

PHASE DATA : 1986

PHASE DATA : 1986

EAU Z 150009.73	P E 14.02	S 2E				34
EDI Z 150009.85	P E 14.56	S 2E				37
EOI NS1500			3.3HO.20ML	0.25	200	37
EDI EW1500			5.1HO.21ML	0.25	200	37
EAB Z 150011.54	P E 16.65	S E				44
EDU Z 150014.53	P 2E					60
-1						
200686 LOWNET	LN 490		5.0DWR	LBLACK DEVON, FIFE	1	
15 031.24	297.22/ 694.51	0.0 0.5	56.132	-3.654	2	
11 16 119 0.13	0.5 1.0 B A*C					3
EBH Z 150034.75	P IU37.62	S 2EU				16
EAU Z 150037.93	P E 42.95	S 2E				34
EDI Z 150038.22	P EU44.04	S 2ED				37
EDI NS1500			3.4HO.20ML	0.25	200	37
EDI EW1500			3.7HO.21ML	0.25	200	37
ELO Z 150038.57	P EU43.57	S 2E				38
EAB Z 150039.61	P E 45.32	S 2E				43
EDU Z 150042.4	P E					61
-1						
210686 LOWNET	LN 490		5.0DWR	LROSEWELL, LOTHIAN	1	
7 6 0.52	328.84/ 664.12	0.4 0.5	55.865	-3.137	2	
8 7 113 0.12	0.8 1.0 B A*B					3
EDI Z 070602.30	P I003.40	S 2IU				7
EDI NS0706			4.6HO.21ML	1.0	200	7
EDI EW0706			6.1HO.24ML	1.0	200	7
EBL Z 070603.32	P E 05.32	S 2E				12
EAU Z 070604.95	P I007.72	S 2E				20
ESY Z 070607.06	P 2E					33
EBH Z 070609.62	P 2EU					49
-1						
210686N WALES			5.0	LLEYN AFTERSHOCK	1	
1035 9.29	236.53/ 344.12	22.6 1.4	52.969	-4.434	2	
22 1 203 0.11	0.4 0.8 C A*D					3
WCB Z 103518.15	P 210					46
WCB NS1035		23.51	S 2	10.7HO.07ML	1.0	200
WCB EW1035				12.5HO.07ML	1.0	200
YRC Z 103515.78	P 21019.96	S 2				46
YRE Z 103512.98	P 110					48
WPM Z 103517.76	P 11U23.77	S 2				36
WLF Z 103516.07	P 2E 20.71	S 2				48
WME Z 103517.75	P 2E 23.86	S 2				26
YLL Z 103514.8	P 11U18.59	S 2				30
WFF Z 103515.39	P 2E					30
WFF NS1035		19.5	S 2	3.3 HO.06ML	10.0	200
WFF EW1035				3.0 HO.12ML	10.0	200
WVR Z 103519.28	P 3E					59
WBR Z 103516.44	P 21021.28	S 3				39
WLC Z 103517.32	P 11U22.86	S 2				44
WFB Z 103516.95	P 2E 22.31	S 2				42
MCH Z 103532.42	P 2E 49.42	S 1				
-1						
210686 HEREFORD HF 368			5.0	LLANDRINDOD WELLS, PWYS1	1	
123958.59	308.98/ 269.74	8.0 0.3	52.318	-3.335	2	
6 22 143 0.09	2.0 57.3 C C*C					3
HCG Z 124002.93	P 1E 05.79	S 2				22
HTR Z 124003.70	P 1E					27
HLM Z 124005.22	P 2E					38
MCH Z 124005.93	P 2E 11.34	S 2				42
MCH NS1240			5.5 HO.06ML	0.25	200	42
MCH EW1240			5.3 HO.07ML	0.25	200	42
-1						
210686 LOWNET	LN 490	1291	12.5	5.0DWR	LROSEWELL, LOTHIAN	1
162819.78	329.39/ 663.42	1.4 1.3	55.859	-3.128	2	
7 8 115 0.03	0.2 0.3 B A*B					3
EDI Z 162821.78	P 1023.26	S 1E	3.1HO.19M	10.0	200	8
EDI NS1628		ID	EU 4.4HO.17ML	10.0	200	8
EDI EW1628		IU	IU 4.4HO.20ML	10.0	200	8
EBL Z 162822.30	P ED24.12	S 2IU				11
EAU Z 162823.90	P I027.00	S 2EU				21
ESY Z 162826.08	P EU					33
EBH Z 162829.06	P E035.67	S 2EU				49
ELO Z 162833.44	P 1E					77
EDU Z 162833.51	P 1E					77
EAB Z 162834.35	P 1E					84
-1						
220686N WALES			5.0	LLEYN AFTERSHOCK	1	
53239.92	240.22/ 343.98	23.9 1.6	2+ 52.969	-4.380	2	
21 3 149 0.14	0.6 0.6 B A*C FELT GWYNEDD					3
WCB Z 053249.02	P 1IU					47
WCB NS0532		54.72	S 2	7.1 HO.06ML	2.5	200
WCB EW0532				6.1 HO.1 ML	2.5	200
YRC Z 053247.05	P 110					47
YRE Z 053244.07	P 110					34
WPM Z 053248.64	P 11U54.45	S 2				45
WLF Z 053247.2	P 11051.94	S 2				36
WME Z 053248.93	P 11054.85	S 2				48
YLL Z 053245.74	P 11U49.52	S 3				24
WFF Z 053246.07	P 1IU					26
WFF NS0532			5.7 HO.08ML	10.0	200	26
WFF EW0532		50.15	S 2	6.6 HO.08ML	10.0	200
WVR Z 053250.01	P 1IU					56
WBR Z 053247.13	P 1IU51.83	S 2				35

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WLC Z 053248.00	P 1IU53.45	S 2			40
WFB Z 053247.75	P 2E 52.68	S 2			39
-1					
220686N WALES			5.0	N OF BETWS-Y-COED, GWYN	
23 612.78	278.86/ 358.90	17.9 0.8	53.113	-3.810	2
21 13 180 0.11	0.5 0.6 C A*D				3
WCB Z 230622.47	P 3E				57
WCB NS2306	29.2	S 2	9.5 HO.15ML	0.25 200	57
WCB EW2306			8.6 HO.14ML	0.25 200	57
YRC Z 230622.12	P 2E 28.25	S 2			53
YRE Z 230620.58	P 1IU				44
WPM Z 230616.86	P 1ID19.56	S 2			17
WLF Z 230620.37	P 2E 25.8	S 2			44
WME Z 230620.66	P 2E				46
YLL Z 230617.64	P 2I 21.00	S 2			24
WFF Z 230617.07	P 1IU				19
WFF NS2306			4.1 HO.06ML	2.5 200	19
WFF EW2306	20.15	S 2	2.1 HO.07ML	2.5 200	19
WVR Z 230619.76	P 2E 24.08	S 2			38
WBR Z 230618.42	P 1IU22.15	S 2			29
WLC Z 230616.56	P 1IU				13
WFB Z 230621.41	P 2E 27.00	S 2			50
-1					
230686 LOWNET	LN 490		5.0DWR	LROSEWELL, LOTHIAN	
193914.51	330.53/ 663.21	0.8 0.9	55.857	-3.110	1
9 9 110 0.06	0.3 0.3 B A*B				2
EDI Z 193916.79	P 1D18.18	S 1IU			3
EDI NS1939			10.6HO.22ML	1.0 200	9
EDI EW1939			11.3HO.29ML	1.0 200	9
EBL Z 193917.06	P EU18.80	S 2E			10
EAU Z 193918.94	P ID22.18	S 2E			22
ESY Z 193920.65	P 1E				32
EBH Z 193923.92	P 1ED30.59	S 2E			50
-1					
230686 LOWNET	LN 490		5.0DWR	LROSEWELL, LOTHIAN	
211648.09	331.15/ 663.45	0.0 0.0	55.859	-3.100	1
5 9 197 0.05	4.4 2.7 D C*D				2
EDI Z 211650.39	P E 51.91	S 1EU			3
EDI NS2116			5.5HO.21ML	0.25 200	9
EDI EW2116			8.3HO.28ML	0.25 200	9
EBL Z 211650.59	P E 52.58	S 2E			10
EAU Z 211652.81	P EU55.8	S 3E			22
-1					
240686 LOWNET	LN 491	123	5.0DWR	LROSEWELL, LOTHIAN	
195346.16	329.52/ 662.84	12.5	55.854	-3.126	1
10 9 117 0.11	0.4 0.4 B A*B	0.0 1.2			2
EDI Z 195348.38	P ID49.72	S 1EO	9.1HO.22M	2.5 200	9
EDI NS1953	ID	IU	7.2HO.22ML	2.5 200	9
EDI EW1953	IU		EU11.6HO.28ML	2.5 200	9
EBL Z 195348.81	P ED050.40	S 2EU			10
EAU Z 195350.56	P ID53.79	S 2EU			21
ESY Z 195352.75	P EU57.21	S 3E			33
EBH Z 195355.61	P ED62.01	S 2E			50
ELO Z 195400.00	P 1E				78
EDU Z 195400.11	P 1ED				78
-1					
240686	232230.14	318.09/ 702.95	5.0	LOCH LEVEN, TAYSIDE	
6 12 205 0.30	6.4 2.7 D D*D	1.2 0.5	56.212	-3.321	1
EBH Z 232232.91	P ID				2
EAU Z 232236.43	P 3E				3
EDI Z 232236.49	P E 41.33	S E			42
EDI NS2322			4.0HO.25ML	0.25 200	33
EDI EW2322			4.0HO.20ML	0.25 200	33
ELO Z 232237.09	P E 42.55	S E			38
EAB Z 232244.45	P 3E				63
-1					
250686 HEREFORD	HF 369		5.0	ABERTILLERY, Gwent	
01224.02	323.09/ 203.48	0.9 0.2	51.724	-3.114	1
5 23 230 0.01	0.4 0.4 C A*D				2
HGH Z 001228.73	P 1ID				3
MCH Z 001230.10	P 2E 34.57	S 2			23
MCH NS0012			3.2HO.14ML	0.25 200	31
MCH EW0012			5.1HO.11ML	0.25 200	31
HTR Z 001231.75	P 2E 37.32	S 2			41
-1					
250686 CORNWALL			5.0	S.E.CAMBORNE, CORNWALL	1
03925.39	167.09/ 35.98	7.2 0.7	50.177	-5.262	2
12 3 274 0.03	0.4 0.3 C A*D				3
CCA Z 003926.71	P 1				3
CME Z 003926.93	P 1				5
CR2 Z 003927.15	P 1IU				7
CR2 Z 003927.15	P 1IU28.45	S 2			7
CR2 NS0039			3.8 HO.05ML	10.0 200	7
CR2 EW0039			4.9 HO.05ML	10.0 200	7
CCU Z 003927.05	P 1ID28.41	S 2			7
CST Z 003927.19	P 1IU28.51	S 2			7
CBW Z 003927.65	P 1ID				11
CGH Z 003928.40	P 1ID				16
CRA Z 003926.94	P 1IU				5
CPZ Z 003929.14	P 4 D				23
CSA Z 003931.13	P 4 U				33
-1					

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250686	LOWNET	ES 266	2289	12.5	5.0DWR	L BUTTERMERE, CUMBRIA	1
	8 957.84	318.59/	514.27	7.2 1.7		54.517 -3.258	2
20 15 148 0.23	1.0	1.1 C	B*C				3
XDE Z 081001.09	P	IU02.71		S 3E		1.0 200	15
ECK Z 081010.50	P	ID18.96		S 3E			74
XAL Z 081010.70	P	EU19.75		S 3E			77
ESK Z 081012.81	P	EU23.11		S 2EU	6.1H0.20M	1.0 200	89
ESK NS0810	E			EU	8.5H0.10ML	1.0 200	89
ESK EW0810	E			ED	7.7H0.12ML	1.0 200	89
WIM Z 081014.33	P	E 26.31		S 3EU			101
XSD Z 081018.74	P	EU33.30		S 3E			126
WME Z 081020.58	P	E 37.12		S 3EU			142
EAU Z 081020.79	P	E 35.10		S 3EU			148
EBL Z 081022.32	P	E					141
WCB Z 081022.63	P	EU36.80		S 2EU	4.9H0.19M	0.25 200	153
WCB NS0810	E			E	7.0H0.14ML	0.25 200	153
WCB EW0810	E			EU	6.5H0.12ML	0.25 200	153
WLF Z 081023.00	P	E 40.18		S 3E			156
EDI Z 081023.18	P	E 40.38		S 3E	5.5H0.18M	0.25 200	157
EDI NS0810	E			E	7.2H0.12ML	0.25 200	157
EDI EW0810	E			E	6.8H0.18ML	0.25 200	157
YRC Z 081024.46	P	E					165
-1							
250686	16 021.44	330.17/	663.33	0.2 0.1	5.0	ROSEWELL, LOTHIAN	1
7 8 184 0.14	2.0	1.6 C	B*D			55.858 -3.116	2
EDI Z 160023.63	P	ED24.85		S E			3
EDI NS1600					12.6H0.20ML	0.25 200	9
EDI EW1600					7.6H0.22ML	0.25 200	9
EBL Z 160023.98	P	ID25.97		S EU			11
EAU Z 160026.21	P	E 29.23		S E			21
EBH Z 160031.13	P	2E					50
-1							
260686	12436.38	329.39/	664.22	5.4 0.4	5.0	ROSEWELL, LOTHIAN	1
6 7 182 0.10	1.3	3.0 C	B*D			55.866 -3.128	2
EDI Z 012438.07	P	E 39.59		S E			3
EDI NS0124					16.0H0.22ML	0.25 200	7
EDI EW0124					14.8H0.30ML	0.25 200	7
EBL Z 012439.01	P	E 40.63		S E			12
EAU Z 012440.30	P	ID43.4		S 2E			21
-1							
270686	HEREFORD	HF 369			5.0	NR MONMOUTH, GWENT	1
12 0 9.40	354.88/	208.60		23.9 1.4		51.774 -2.654	2
5 18 201 0.08	1.5	4.0 C	B*D				3
HGH Z 120014.37	P	2E					18
HAE Z 120015.60	P	1E 20.39		S 2			30
MCH Z 120016.35	P	2E 21.09		S 2			34
MCH NS1200					16.9H0.38ML	0.25 200	34
MCH EW1200					15.6H0.40ML	0.25 200	34
HTR Z 120026.59	P	4E					54
-1							
270686	19 654.23	182.30/	790.84	3.7-0.1	5.0	LOCH NEVIS, HIGHLAND	1
5 16 235 0.42	0.3	1.0 D	C*D			56.958 -5.581	2
KAR Z 190657.55	P	IU59.2		S			3
KSB Z 190660.3	P	2 64.0		S 2	3.1 H0.1 ML	0.25 200	16
KAC Z 190667.0	P	3					30
-1							63
280686	CORNWALL	CN447			5.0	S. CONSTANTINE, CORNWALL	1
165535.39	173.02/	28.23		6.8-0.2		50.110 -5.175	2
10 3 158 0.04	0.3	0.5 B	A*C				3
CCO Z 165536.81	P	1ID37.80		S 2			3
CGH Z 165537.10	P	1ED					7
CBW Z 165537.12	P	1IU38.25		S 2			6
CR2 Z 1655		38.35		S 2			6
CR2 NS1655					3.0 H0.05ML	1.0 200	6
CR2 EW1655					10.5H0.05ML	1.0 200	6
CRA Z 1655		38.32		S 2			6
CME Z 1655		38.60		S 2			7
CCA Z 1655		38.99		S 2			9
CST Z 1655		39.06		S 2			10
-1							
280686	CORNWALL	CN447			5.0	S. CONSTANTINE, CORNWALL	1
165716.75	173.13/	28.10		6.4 0.1		50.109 -5.173	2
13 3 157 0.05	0.3	0.4 B	A*C				3
CCO Z 165718.14	P	1ID19.10		S 2			3
CBW Z 165718.40	P	1IU19.54		S 2			6
CGH Z 165718.40	P	1EU					7
CR2 Z 165718.45	P	1IU19.65		S 2			6
CR2 NS1657					2.0 H0.05ML	2.5 200	6
CR2 EW1657					8.6 H0.05ML	2.5 200	6
CRA Z 1657		19.61		S 2			6
CME Z 1657		19.88		S 2			8
CCA Z 165718.85	P	1ID20.27		S 2			9
CST Z 165718.90	P	1IU20.34		S 2			10
-1							
010786					5.0	CUILLINS, SKYE, HIGHLAND	1
205644.36	153.30/	821.76		14.2 0.2		57.220 -6.087	2
5 29 261 0.29	18.6	24.8 D	D*D				3
KPL Z 205650.5	P	1 53.85		S	6.0 H0.06ML	0.25 200	29
KPL NS2056							

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KPL EW2056					12.4H0.08ML	0.25 200	29
KAR Z 205651.1	P						37
KSB Z 205651.8	P						40
KAC Z 205653.4	P						57
-1							
020786							
04013.63	329.35/	663.92	4.5 0.7	5.0	POLTON, LOTHIAN	1	
7 8 112 0.09	0.5	1.9 B A*B	P I016.79	S	55.863 -3.129	2	
EDO Z 004015.28							3
EDO NS0040					7.7H0.24ML	1.0 200	8
EDO EW0040					I0 8.1H0.29ML	1.0 200	8
EBL Z 004016.1	P E	17.78	S E				11
EAU Z 004017.47	P ID20.6		S E				21
ESY Z 004019.7	P E						33
-1							
020786							
94821.08	192.64/	821.36	1.6-0.2	5.0RHN	GLEN SHIEL, HIGHLAND	1	
6 3 149 0.22	3.0	3.5 C C*C	P 1 27.1	S 1	57.236 -5.436	2	
KPL Z 094824.75							3
KPL NS0948					4.4 H0.1 ML	0.25 200	17
KPL EW0948					6.0 H0.17ML	0.25 200	17
KSB Z 094822.0	P ID22.4		S 2				3
KAC Z 094827.25	P 30.75		S 2				31
-1							
020786							
153949.66	297.22/	692.94	5.8 0.5	5.0	FOREST MILL, CENTRAL	1	
7 17 122 0.12	1.1	2.4 C B*C	FIFE COAL FIELD EVENT		56.118 -3.653	2	
EBH Z 153952.80	P IU55.72		S IU				3
EAU Z 153955.8	P E						17
EDO Z 153956.2	P E						33
EDO NS1539					3.8H0.21ML	0.25 200	36
EDO EW1539					3.5H0.20ML	0.25 200	36
ELO Z 153956.61	P IU62.3		S E				39
EAB Z 153957.3	P 2E						43
-1							
030786							
201826.73	331.85/	664.56	7.3 0.1	5.0	ESKBANK, LOTHIAN	1	
6 9 210 0.04	0.9	0.6 C A*D	P E 30.44	S E	55.869 -3.089	2	
EDO Z 201829.0							3
EDO NS2018					9.6H0.21ML	0.25 200	9
EDO EW2018					8.8H0.22ML	0.25 200	9
EBL Z 201829.25	P E 31.15		S E				11
EAU Z 201831.15	P E 34.4		S E				23
-1							
040786							
124221.19			5.0 2.8	5.0FORD	SOUTHERN NORTH SEA	1	
8330 321 0.21	58.6	62.0 0 D*D	P 2E 42.24	S 2	54.405 3.376	2	
HPK Z 124308.10							3
HPK NS1243					16.6H0.11ML	0.25 200	330
HPK EW1243					5.0H0.10ML	1.0 200	330
ESY Z 124318.8	P 2E 56.6		S 3				330
EBL Z 124321.4	P 3E						417
EDO Z 124324.0	P 3E 68.5		S 2				437
EDO NS1243					9.1H0.08ML	0.25 200	451
EDO EW1243					5.2H0.09ML	0.25 200	451
EOU Z 124325.1	P 2E						469
EBH Z 124326.9	P 3E						483
-1							
040786							
173236.05	194.13/	837.45	2.7 0.0	5.0	LOCH CARRON, HIGHLAND	1	
6 14 150 0.23	1.6401.8	C C*C	P 40.9	S	57.381 -5.425	2	
KPL Z 173239.1							3
KPL NS1732					14.0H0.1 ML	0.25 200	14
KPL EW1732					12.5H0.08ML	0.25 200	14
KSB Z 173240.1	P 42.2		S				19
KAC Z 173239.3	P 41.1		S				15
-1							
090786N WALES							
182319.16	236.02/	349.04	13.5 0.5	5.0	N.W. OF TREVOR, LLEYN	1	
24 4 130 0.10	0.3	0.7 B A*B	P 2E		53.013 -4.445	2	
WCB Z 182326.41							3
WCB NS1823							41
WCB EW1823					5.0 H0.06ML	0.25 200	41
YRE Z 182324.4	P 1IU28.06		S 3		3.0 H0.07ML	0.25 200	41
YRE Z 182321.5	P 1I022.7		S 2				28
WPM Z 182326.96	P 2E 32.5		S 2				45
WLF Z 182324.71	P 1IU28.55		S 2				31
WME Z 182326.6	P 2IU31.88		S 2				44
YLL Z 182323.66	P 1IU26.52		S 2				23
WFF Z 182324.8	P 1I						31
WFF NS1823					5.0 H0.07ML	1.0 200	31
WFF EW1823					6.0 H0.12ML	1.0 200	31
WVR Z 182329.49	P 2E 36.25		S 2				61
WLC Z 182327.09	P 2I 32.49		S 2				45
WFB Z 182326.97	P 2E 32.56		S 2				46
YRH Z 182323.69	P 1IU26.81		S 2				24
-1							
100786							
1922 3.46	469.32/	366.88	8.4 1.6	5.0	OLLERTON, NOTTS.	1	
6 56 232 0.15	4.1	8.0 D C*D	PROBABLY MINING-INDUCED		53.194 -0.962	2	
HPK Z 192219.69	P 3E 30.45		S 2		EVENT		3
HPK NS1922					20.6H0.16ML	0.25 200	95
							95

Table 5 (cont'd)

PHASE DATA : 1986

HPK	EW1922						18.5H0.14ML		0.25	200	95
SBD	Z 1922		46.46		S 2						158
HLM	Z 192227.39	P 3E									150
MCH	Z 192234.32	P 2E	55.98		S 2						192
MCH	NS1922						6.6H0.14ML		0.25	200	192
MCH	EW1922						6.5H0.13ML		0.25	200	192
CWF	Z 192212.88	P 1E	19.90		S 1						56
CWF	NS1922						6.0H0.15ML		0.25	200	56
CWF	EW1922						12.0H0.14ML		0.25	200	56
-1											
110786	JERSEY						5.0	CORBIERE POINT, JERSEY			
	22028.32	381.93/	-79.07	10.2	1.1		49.188	-2.248			
5	4 313 0.01	0.3	0.2 C A*D								2
JLP	Z 022031.223	P	IU						10.0	200	12
JSA	Z 022030.493	P	O								6
JVM	Z 022030.384	P	O								4
JRS	Z 022031.118	P	O	33.161		S 1					11
CTR	NS0220						4.1 H0.06ML		0.25	195	200
CTR	EW0220						3.2 H0.06ML		0.25	195	200
-1											
150786							5.0	POLTON, LOTHIAN			
	04521.49	329.82/	664.40	6.2-0.3			55.868	-3.122			1
4	7 188 0.00		C A*D								2
EDI	Z 004523.4	P	E024.8		S E						3
EDI	NS0045						6.0H0.15ML		0.25	200	7
EDI	EW0045						5.5H0.16ML		0.25	200	7
EAU	Z 004525.58	P	ID								21
E8L	Z 0045			25.9		S 2E					12
-1											
150786N	WALES						5.0	LLEYN AFTERSHOCK			
	15926.11	239.86/	341.48	22.1	1.6		52.946	-4.384			1
20	5 91 0.18	0.6	1.3 B B*B								2
WCB	Z 015934.9	P	21								3
WCB	NS0159										49
WCB	EW0159										49
YRC	Z 015932.9	P	1ID37.7		S 2		3.9 H0.07ML		2.5	200	49
YRE	Z 015929.9	P	1ID				9.0 H0.07ML		2.5	200	49
WPM	Z 015934.56	P	1IU40.65		S 2						36
WLF	Z 015933.12	P	2ID38.05		S 2						38
YLL	Z 015931.67	P	1IU34.87		S 2						26
WFF	Z 015932.0	P	4								27
WFF	NS0159			35.95		S 2	4.6 H0.1 ML		10.0	200	27
WFF	EW0159						5.8 H0.07ML		10.0	200	27
WVR	Z 015935.82	P	21 41.7		S 2						55
WLC	Z 015933.79	P	1IU38.93		S 2						41
WFB	Z 015933.07	P	2ID37.99		S 2						38
YRH	Z 015931.0	P	1I 34.40		S 2						21
-1											
150786							5.0	JOHNSTONEBRIDGE, D&G			
	221323.32	309.86/	593.41	5.0	0.9		55.227	-3.417			1
12	17 174 0.32	2.1	2.9 C C*C	MAIN SHOCK	OF 4 EVENTS						2
ESK	Z 221326.40	P	IU28.96		S E						3
ESK	NS2213						4.3H0.18ML		2.5	200	17
ESK	EW2213						7.6H0.10ML		2.5	200	17
ECK	Z 221327.10	P	IU30.03		S E						19
XDE	Z 221336.5	P	E								80
XSO	Z 221336.6	P	E								80
EBL	Z 221335.0	P	43.0		S						65
EBH	Z 221342.0	P	55.5		S						114
ESY	Z 221338.8	P	49.0		S						92
-1											
150786							5.0	JOHNSTONEBRIDGE, D&G			
	221836.53	308.09/	594.68	2.7-0.5			55.238	-3.446			1
4	18 313 0.01		C A*D	AFTERSHOCK	OF EVENT 3		22:13 GMT				2
ESK	Z 221839.97	P	IU42.51		S E						3
ESK	NS2218						3.0H0.1 ML		0.25	200	18
ESK	EW2218						3.8H0.09ML		0.25	200	18
ECK	Z 221840.61	P	IU43.55		S E						21
-1											
160786	LOWNET	LN 494	56	12.5			5.0DWR	LLOCH LINNHE, HIGHLAND			1
	2 642.70	185.86/	748.17	0.0	0.8		56.577	-5.487			2
6	83 330 0.39	38.6	29.9 D D*D								3
EAB	Z 020657.6	P	E 67.4		S 2E		1.4H0.10ML		0.25	200	83
ELO	Z 020700.9	P	E 15.6		S 2E		1.6H0.18ML		0.25	200	110
EBH	Z 020704.1	P	E								128
EDU	Z 020708.0	P	E				2.7H0.12ML		0.25	200	152
-1											
160786							5.0	JOHNSTONEBRIDGE, D&G			
	114925.99	308.89/	594.63	5.0	0.4		55.237	-3.433			1
5	17 311 0.04	0.9	1.5 C A*D	AFTERSHOCK	OF 22:13			EVENT, 15.7.86			2
ESK	Z 114929.32	P	IU31.87		S E						3
ESK	NS1149						3.5H0.18ML		1.0	200	17
ESK	EW1149						6.1H0.10ML		1.0	200	17
ECK	Z 114930.00	P	IU32.81		S E						21
XSO	Z 114939.4	P	2E								80
-1											
160786	ESK						5.0CAMPDEN	JOHNSTONEBRIDGE, D&G			1
	1151 1.17	310.97/	594.02	1.6-1.0			55.232	-3.400			2
4	16 305 0.07		C A*D	AFTERSHOCK	OF 22:13			EVENT, 15.7.86			3
ESK	Z 115104.37	P	IU06.90		S E		1.7H0.09ML		0.25	200	16
ESK	NS1151						1.0H0.07ML		0.25	200	16
ESK	EW1151						2.0H0.09ML		0.25	200	16

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ECK Z 115104.99	P E 07.58	S E				18
-1						
170786			5.0		POLTON,LOTHIAN	
103910.22	331.70/ 663.64	8.3 0.0		55.861	-3.091	1
7 9 119 0.11	1.0 1.6 B A*B					2
EDI Z 103912.40	P ID14.29	S E				3
EDI NS1039			9.6HO.20ML			9
EDI EW1039			6.0HO.18ML	0.25	200	9
EBL Z 103912.66	P ID14.57	S E				10
EAU Z 103914.59	P ID17.89	S E				23
ESY Z 103916.5	P 2E					31
-1						
170786N WALES			5.0	LLEYN AFTERSHOCK		1
1455 5.00	239.05/ 343.62	22.5 0.8		52.965	-4.397	2
13 3 85 0.07	0.3 0.6 A A*A					3
WCB Z 145513.00	P 4		4.0 HO.07ML	0.25	200	47
WCB NS1455			3.0 HO.06ML	0.25	200	47
WCB EW1455						47
YRC Z 145511.55	P 2E 16.17	S 2				34
YRE Z 14558.6	P 2ID11.18	S 3				3
YLL Z 145510.4	P 1IU13.87	S 2				25
WFF Z 145510.82	P 2E					28
WFF NS1455	14.81	S 2	10.0HO.07ML	2.5	200	28
WFF EW1455			17.8HO.07ML	2.5	200	28
WLC Z 145512.7	P 1IU17.7	S 3				42
WFB Z 1455	17.38	S 2				40
YRH Z 1455 9.98	P 1IU13.49	S 2				21
-1						
190786 HEREFORD	HF 372		5.0 FORD	MERTHYR VALE,MID GLAM		1
153718.33	307.73/ 199.92	7.9 1.1		51.690	-3.335	2
6 37 244 0.04	0.6 63.0 D C*D					3
HGH Z 153724.90	P 1ID29.71	S 2				37
MCH Z 153725.54	P 1IU30.87	S 2				41
MCH NS1537			15.7HO.12ML	0.25	200	41
MCH EW1537			20.9HO.13ML	0.25	200	41
HTR Z 153725.95	P 2E					44
HCG Z 153731.40	P 2E					74
-1						
200786			5.0	LOCH CRERAN,ST CLYDE		1
92356.15	194.51/ 741.07	0.1 1.7		56.517	-5.341	2
9 72 326 0.33	11.1 8.5 D D*D					3
EAB Z 092408.53	P E					72
ELO Z 092413.03	P E 26.4	S 2E				100
EBH Z 092416.15	P E					117
EAU Z 092419.40	P E					139
EDU Z 092420.00	P E					143
EDI Z 092421.0	P E 40.0	S 2E				149
EDI NS0924			7.5HO.18ML	0.25	200	149
EDI EW0924			6.5HO.16ML	0.25	200	149
EBL Z 092423.48	P E					165
-1						
210786 HEREFORD	HF 373		5.0FORD	LLEOMINSTER,HER & WOR		1
132931.77	352.97/ 259.83	5.0 0.8		52.234	-2.689	2
7 24 179 0.13	1.0 2.0 C B*C					3
HAE Z 132936.40	P 1EO					24
MCH Z 132937.79	P 1EU42.61	S 1				34
HLM Z 132937.88	P 2E 42.71	S 1				34
MCH NS1329			15.9HO.10ML	0.25	200	34
MCH EW1329			16.1HO.09ML	0.25	200	34
HTR Z 132939.27	P 2E 45.25	S 2				43
-1						
280786 HEREFORD	HF 374		5.0 FORD	LW OF HEREFORD,HER&WOR		1
14 339.42	339.88/ 246.99	8.1 0.8		52.118	-2.878	2
7 16 210 0.22	6.0 29.0 D D*D					3
MCH Z 140342.95	P 1IU45.01	S 2				16
MCH NS1403			10.3HO.06ML	2.5	200	16
MCH EW1403			7.1HO.11ML	2.5	200	16
HAE Z 140344.13	P 1ID47.24	S 2				24
HTR Z 140344.61	P 1EU47.75	S 2				27
HGH Z 140347.89	P 2E					54
-1						
280786			5.0IMI	NR KNIGHTON,POWYS		1
235841.52	320.94/ 274.48	16.1 0.7		52.362	-3.161	2
9 25 117 0.05	0.3 1.0 B A*B					3
HLM Z 235846.67	P 1EO50.34	S 2				25
HTR Z 235847.58	P 3E 51.63	S 3				32
HCG Z 235847.96	P 3E 52.55	S 2				34
MCH Z 235849.07	P 1ED54.59	S 1				42
MCH NS2358			11.0HO.06ML	0.25	200	42
MCH EW2358			11.0HO.09ML	0.25	200	42
HAE Z 235850.54	P 3E					55
WVR Z 235851.12	P 3E					57
-1						
300786N WALES			5.0	LLEYN AFTERSHOCK		1
1 539.47	238.64/ 342.50	23.3 0.6		52.955	-4.402	2
18 3 120 0.09	0.6 0.5 B A*B					3
WCB Z 010548.27	P 2E					48
WCB NS0105			4.9 HO.07ML	0.25	200	48
WCB EW0105	54.00	S 3	4.2 HO.06ML	0.25	200	48
YRC Z 010546.24	P 1IU50.8	S 2				35
YRE Z 010543.22	P 2I 45.89	S 2				3
WPM Z 010548.05	P 3E 54.00	S 2				47

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WLF Z 010546.43	P 2E 51.17	S 2					37
WME Z 010548.22	P 2I054.57	S 2					50
YLL Z 010545.07	P 1IU48.80	S 2					26
WVR Z 010555.4	P 9 62.05	S 2					57
WBR Z 010552.37	P 9 57.14	S 2					36
WLC Z 010553.34	P 9 58.54	S 2					42
YRH Z 010612.91	P 9I016.35	S 2					20
WFF Z 010545.07	P 4						28
WFF NS0105		7.9 HO.11ML	1.0	200			28
WFF EW0105		8.5 HO.07ML	1.0	200			28
-1							
300786 HERFORD HF 374	145924.51 282.12/ 241.90	5.0 1.0	5.0 FORD	L BRYN NICOL, DYFED	52.062 -3.720	1	
4 31 348 0.01	C A*D					2	
HTR Z 145930.22	P 1E 34.40	S 2					31
MCH Z 145933.29	P 1IU39.68	S 2					50
MCH NS1459		12.5HO.11ML	0.25	200			50
MCH EW1459		7.5HO.13ML	0.25	200			50
HAE Z 1459	46.47	S 3					80
-1							
030886 LOWNET	63515.90 329.33/ 662.56	0.5 1.9	5.0	ROSEWELL, LOTHIAN	55.851 -3.129	1	
8 9 120 0.08	0.3 0.3 B A*B					2	
EDI Z 063518.04	P 1IU19.50	S E					3
EDI NS0635		5.4HO.16M	10.0	200			9
EDI EW0635		4.5HO.15M	10.0	200			9
EBL Z 063518.39	P 1D20.36	S E					10
EAU Z 063520.17	P 1E 23.4	S E					20
ESY Z 063522.32	P 1E						33
EBH Z 063525.40	P 1D						50
ELO Z 063530.0	P 1E						78
ESK Z 063527.2	P 4E 24.6	S 4E	12.5H1.0 M	0.25	200		60
ESK NS0635			E 15.4H1.0 ML	0.25	200		60
ESK EW0635			E 11.4HO.32ML	0.25	200		60
-1							
040886	101639.08 201.26/ 872.30	7.0 1.4	5.0	LOCH MARIE, HIGHLAND	57.697 -5.335	1	
10 22 299 0.38	5.1 2.7 D D*D					2	
KPL Z 101647.0	P 1D52.5	S 1					3
KPL NS1016		12.5HO.08ML	1.0	200			44
KPL EW1016		7.5 HO.1 ML	1.0	200			44
KAR Z 101654.45	P 1D						92
KSB Z 101648.25	P 1E054.4	S 2					55
KAC Z 101643.32	P 1D46.5	S 2					22
ELO Z 101708.5	P 9E 28.4	S E	10.2HO.19M	0.25	200		168
EAB Z 101710.2	P 9E 30.9	S E	13.0HO.10M	0.25	200		179
EBH Z 101714.3	P 9E 35.3	S E	10.5HO.10M	0.25	200		196
-1							
110886 HEREFORD HF 375	45027.48 307.40/ 211.95	9.6 0.5	5.0 FORD	L MERTHYR TYDFIL, M GLAM	51.798 -3.343	1	
5 32 254 0.07	2.3 26.4 D C*D					2	
HTR Z 045033.33	P 2E 37.26	S 3					3
MCH Z 045033.39	P 1E 37.73	S 2					32
MCH NS0450		7.5HO.10ML	0.25	200			33
MCH EW0450		9.6HO.09ML	0.25	200			33
HGH Z 045034.68	P 3E						41
HCG Z 045038.80	P 3E						62
-1							
130886 LOWNET LN 498	22649.57 330.70/ 664.50	136	12.5	5.0DWR	L LASSWADE, LOTHIAN	55.869 -3.108	1
7 8 190 0.18	1.6 1.8 C B*D	2.4 0.4					2
EDI Z 022651.44	P EU52.95	S 2E	4.4HO.20M	1.0	200		8
EDI NS0226		E	4.9HO.16ML	1.0	200		8
EDI EW0226		E	4.6HO.27ML	1.0	200		8
EBL Z 022652.20	P E 53.50	S 2E					11
EAU Z 022653.62	P E056.79	S 3E					22
EBH Z 022658.12	P EU						49
-1							
130886 LOWNET LN 498	202626.50 328.90/ 663.37	386	12.5	5.0DWR	L ROSEWELL, LOTHIAN	55.858 -3.136	1
5 8 117 0.15	2.6 3.7 D C*D NW OF ROSEWELL, FIRST OF "DOUBLE" EVENT	0.8 0.0					2
EDI Z 202628.62	P IU29.40	S 3E	4.6HO.18M	1.0	200		8
EDI NS2026		E	2.1HO.12ML	1.0	200		8
EDI EW2026		E	5.1HO.12ML	1.0	200		8
EBL Z 202629.01	P E30.42	S 3E					11
EAU Z 202630.71	P E						20
ESY Z 202632.99	P 2E						33
-1							
130886 LOWNET LN 498	202627.53 330.17/ 663.55	387	12.5	5.0DWR	L ROSEWELL, LOTHIAN	55.860 -3.116	1
6 8 184 0.22	2.9 3.7 D C*D SECOND OF "DOUBLE". POOR LOCATION AS OBSCURED	5.0 0.5					2
EDI Z 202629.79	P E030.64	S 2EU11.5HO.19M	1.0	200			8
EDI NS2026		IU	E 10.7HO.13ML	1.0	200		8
EDI EW2026		E	E 6.9HO.20ML	1.0	200		8
EAU Z 202631.65	P E						21
EBH Z 202635.88	P E						50
EBL Z 202629.94	P E 31.2	S 3E					11
-1							
170886 LOWNET LN 498	231941.79 329.69/ 662.53	1758	12.5	5.0DWR	L ROSEWELL, LOTHIAN	55.851 -3.123	1
8 9 118 0.06	0.3 0.3 B A*B	0.1 0.5					2
EDI Z 231944.05	P IU45.72	S 2EU 8.4HO.28M	1.0	200			3

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EDI	NS2319		EU		ED	6.5H0.20ML		1.0	200	9
EDI	EW2319		ED		E	3.2H0.31ML		1.0	200	9
EBL	Z 231944.21	P	E 46.21	S	2EU					10
EAU	Z 231946.22	P	ED49.48	S	3E					21
ESY	Z 231948.24	P	2E							33
EBH	Z 231951.02	P	2E							50
	-1									
180886	HEREFORD	HF	377				5.0 FORD	LNR	BRECON, POWYS	1
	115131.46	305.25/	221.33	9.1	0.7		51.882	-3.377		2
5	23 275 0.12	2.5	15.5 D C*D							3
HTR	Z 115135.94	P	2E	39.19	S	2				23
MCH	Z 115136.87	P	1EU40.67	S	2					29
MCH	NS1151						16.9H0.20ML	0.25	200	29
MCH	EW1151						7.6H0.16ML	0.25	200	29
HCG	Z 115139.51	P	2E							53
	-1									
180886	LOWNET	LN	498	1999	12.5		5.0DWR	LGLENDARUEL, STRATHCLYDE	1	
	1637 9.25	203.54/	692.14	0.0	1.3		56.082	-5.158		2
10	52 320 0.30	20.6	15.7 D D*D							3
EAB	Z 163718.53	P	EU24.5	S	3E					52
ELO	Z 163726.40	P	E 38.7	S	3E					99
EBH	Z 163727.4	P	E 40.2	S	3E					104
EAU	Z 163727.8	P	E 41.4	S	3E					110
EDI	Z 163730.0	P	2E 46.1	S	2E	2.4H0.15M	0.25	200	124	
EDI	NS1637				E	5.1H0.15ML	0.25	200	124	
EDI	EW1637				E	3.3H0.16ML	0.25	200	124	
EDU	Z 163733.1	P	2E							143
	-1									
180886	LOWNET	LN	498	2079	12.5		5.0DWR	LROSEWELL, LOTHIAN	1	
	222433.49	329.23/	662.51	0.1	0.4		55.851	-3.130		2
7	9 120 0.08	0.5	0.5 B A*B							3
EDI	Z 222435.78	P	EU37.11	S	2E	5.1H0.29M	1.0	200	9	
EDI	NS2224				EU	4.5H0.20ML	1.0	200	9	
EDI	EW2224				E	3.8H0.22ML	1.0	200	9	
EBL	Z 222435.99	P	E 37.8	S	3E					10
EAU	Z 222437.91	P	ED41.0	S	3E					20
ESY	Z 222440.05	P	2E							33
	-1									
190886						5.0		BIRMINGHAM, W MIDLANDS	1	
	138 7.02	405.51/	294.82	7.8	0.7		52.551	-1.919		2
7	11 150 0.08	2.0	11.4 C C*C							3
BBR	Z 013809.63	P	I0							
BFR	Z 013810.23	P	ID12.65	S	3E	4.4H0.07ML	2.5	200	11	
BSE	Z 013811.41	P	1IU			3.2H0.07ML	2.5	200	16	
HLM	Z 013817.91	P	2E 25.90	S	3E					22
MCH	Z 013822.43	P	3E							66
MCH	NS0138					4.6H0.07ML	0.25	200	96	
MCH	EW0138					5.5H0.11ML	0.25	200	96	
	-1									
190886						5.0		BIRMINGHAM, W MIDLANDS	1	
	31536.34	405.50/	294.90	8.0	0.9		52.552	-1.919		2
7	11 150 0.11	2.4	12.1 C C*C							3
BBR	Z 031538.96	P	IU							
BFR	Z 031539.59	P	IU41.93	S	3E	5.4H0.12ML	2.5	200	11	
BSE	Z 031540.77	P	IU			7.8H0.10ML	2.5	200	16	
HLM	Z 031547.21	P	2E 55.23	S	2E					22
MCH	Z 031551.70	P	2E							66
MCH	NS0315					5.3H0.07ML	0.25	200	96	
MCH	EW0315					6.9H0.12ML	0.25	200	96	
HCG	Z 031556.04	P	2E							121
	-1									
200886	LOWNET	LN	499	352	12.5		5.0DWR	BLAIRHALL, FIFE	1	
	133012.51	297.71/	690.36	0.5	1.0		56.095	-3.644		2
9	19 126 0.27	1.1	2.0 B*C FIFE COALFIELD AREA.							3
EBH	Z 133016.52	P	EU19.89	S	2EU					
EAU	Z 133018.54	P	E 24.2	S	4E					19
EDI	Z 133018.7	P	E 24.7	S	2EU	5.7H0.45M	0.25	200	30	
EDI	NS1330				EU	8.1H0.4 ML	0.25	200	34	
EDI	EW1330				EU	6.9H0.4 ML	0.25	200	34	
ELO	Z 133020.2	P	E 26.4	S	2E					42
EAB	Z 133021.0	P	E 27.0	S	2E					45
	-1									
200886	LOWNET	LN	499	377	12.5		5.0DWR	LROSEWELL, LOTHIAN	1	
	17 9 83 0.11	0.3	0.5 B*A*B FELT LASWADE	1.9	1.5		2+	55.852	-3.127	2
EDI	Z 170735.65	P	ID37.16	S	1EU	4.5H0.21M	10.0	200	9	
EDI	NS1707				EU	3.8H0.23ML	10.0	200	9	
EDI	EW1707				IU	4.5H0.24ML	10.0	200	9	
EBL	Z 170736.07	P	1ED37.60	S	2ED					10
EAU	Z 170737.81	P	1O40.86	S	2ED					21
ESY	Z 170740.00	P	IU44.51	S	3E					33
EBH	Z 170742.92	P	I049.65	S	2EU					50
ESK	Z 170744.40	P	1ED51.31	S	2E	3.7H1.00M	0.25	200	60	
ESK	NS1707				E	4.6H1.00ML	0.25	200	60	
ESK	EW1707				E	7.1H0.32ML	0.25	200	60	
XSO	Z 170746.12	P	2E 54.12	S	3E					68
ECK	Z 170747.01	P	2E 56.01	S	2E					75
ELO	Z 170747.37	P	2EU							78
EDU	Z 170747.47	P	2EU							78
EAB	Z 170748.35	P	2E							84
	-1									
210886N	WALES					5.0		LLEYN AFTERSHOCK	1	

Table 5 (cont'd)

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32528.98	239.04	344.30	22.0	0.7	52.972	-4.397	
14 2 100 0.26	1.3	1.8 B*B					3
YRE Z 032532.58		P 11035.22	S 2				2
WPM Z 032537.27		P 2E 43.27	S 3				46
YLL Z 032534.35		P 11U37.31	S 2				24
WST Z 032534.07		P 2E					27
WST NS0325		38.82	S 4	11.7H0.06ML	1.0	200	27
WST EW0325				5.7 H0.09ML	1.0	200	27
WBR Z 032535.6		P 3E 40.41	S 3				36
WLC Z 032536.72		P 11 42.15	S 2				42
WFB Z 0325		41.34	S 2				40
YRH Z 032534.00		P 2IU37.47	S 2				22
-1							
210886 LOWNET	LN 499	630	12.5	5.0DWR	LROSEWELL, LOTHIAN		1
112710.18	329.38/	662.60	0.1 2.5		4+ 55.851	-3.128	2
11 9 101 0.09	0.3	0.3 B A*B	FELT ROSEWELL, LASSWADE, POLTON BANK & ROSLIN				3
EDI Z 112712.40		P IU13.73	S 2EU				9
EBL Z 112712.75		P ID14.44	S 2EU				10
EAU Z 112714.55		P ID17.82	S 2EU				21
ESY Z 112716.73		P ID20.63	S 3E				33
EBH Z 112719.75		P EU26.31	S 2ED				50
ESK Z 112721.11		P ID28.43	S 2E 12.1H1.0 M		1.0	200	60
ESK NS1127		IU	EU11.5H1.0 ML		1.0	200	60
ESK EW1127		E	EU 5.2H1.0 ML		1.0	200	60
XSD Z 112722.97		P 11031.75	S 2IU				68
ECK Z 112723.74		P 1E033.20	S 2EU				75
EDU Z 112724.13		P 1EU34.08	S 3EU				78
ELO Z 112724.47		P 3E 33.84	S 3EU				78
EAB Z 112725.15		P 3E					84
XAL Z 112732.39		P 2E046.62	S 3E				125
-1							
210886 LOWNET	LN 499	743	12.5	5.0DWR	LAUCHENDINNY, LOTHIAN		1
193554.32	325.54/	661.50	4.5 0.2		55.841	-3.189	2
5 9 142 0.18	0.1	0.8 C B*D					3
EDI Z 193556.60		P EU57.67	S 1E 13.0H0.20M		0.25	200	9
EDI NS1935		E	EU15.8H0.18ML		0.25	200	9
EDI EW1935		ED	EU 7.6H0.31ML		0.25	200	9
EBL Z 193556.99		P E 58.3	S 2E				12
EAU Z 193557.6		P E					17
ESY Z 193600.8		P 4E					37
-1							
230886 HEREFORD	HF 377			5.0 FORD	LBLACK MOUNTAIN, DYFED		1
122829.09	280.18/	223.67	13.9 1.4		51.898	-3.742	2
11 38 132 0.16	1.3	2.8 C B*C					3
HTR Z 122835.87		P 1EU					38
HCG Z 122837.26		P 1IU					48
MCH Z 122838.04		P 1E 44.60	S 2				52
MCH NS1228				5.0HO.08ML	1.0	200	52
MCH EW1228				6.5HO.09ML	1.0	200	52
HGH Z 122841.02		P 1E					71
HAE Z 122842.98		P 2E					84
HLM Z 122843.95		P 2E					90
WFB Z 122844.26		P 3E					90
HTL Z 122847.28		P 2E 60.07	S 2				113
HTL NS1228				12.4H0.12ML	0.25	200	113
HTL EW1228				10.1H0.10ML	0.25	200	113
YRE Z 122850.34		P 3E					129
-1							
250886 LOWNET	LN 499	1888	12.5	5.0DWR	LROSLIN, LOTHIAN		1
6 925.60	327.50/	662.31	0.0-0.1		55.849	-3.158	2
5 9 151 0.06	3.3	4.3 D C*D					3
EDI Z 060927.83		P E029.20	S 1EU	5.3H0.16M	0.25	200	9
EDI NS0609		E	EU	8.6H0.14ML	0.25	200	9
EDI EW0609		EU	EU	3.7H0.27ML	0.25	200	9
EBL Z 060928.3		P E 30.41	S 2E				11
EAU Z 060929.67		P E					19
-1							
270886 LOWNETN	LN 500	144	25.0	5.0DWR	LROSEWELL, LOTHIAN		1
23918.99	329.51/	663.42	1.9 0.9		55.859	-3.126	2
9 8 114 0.06	0.3	0.5 B A*B					3
EDI Z 023920.98		P IU22.29	S 2EU	12.3H0.31ML	1.0	200	8
EDI NS0239		IU	E	8.9H0.30ML	1.0	200	8
EDI EW0239		IO	E	7.2H0.38ML	1.0	200	8
EBL Z 023921.35		P ID23.20	S 2EU				11
EAU Z 023923.15		P E025.92	S 2EU				21
ESY Z 023925.10		P 1E					33
EBH Z 023928.30		P EU34.42	S 2E				49
ELO Z 023932.6		P E					77
-1							
310886 LOWNET	LN 500	1702	12.5	5.0DWR	LCOMRIE, TAYSIDE		1
9 21 114 0.06	276.69/	723.39	2.7 0.3		56.387	-3.997	2
6 20 198 0.24	2.7412.6 D C*D	POSSIBLY FELT	COMRIE				3
ELO Z 190215.38		P IU17.40	S 2EU	7.4H0.16ML	0.25	200	20
EAB Z 190217.46		P E 21.10	S 2E	3.5H0.10ML	0.25	200	31
EBH Z 190218.00		P EU22.32	S 2IU18.3H0.10ML		0.25	200	34
-1							
010986 LOWNET	LN 500	2078	12.5	5.0DWR	LNORTH SEA		1
221048.48	487.73/	756.77	0.0 1.6		56.695	-0.567	2
6153 354 1.27	91.9	32.0 D D*D					3
ESY Z 221115.1		P E 32.1	S 2E		0.25	200	153
EBL Z 221115.6		P E 34.1	S 4E				185
EDI Z 221118.8		P 39.4	S 2E	1.6H0.38M	0.25	200	184

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EDI NS2211	E	E	E	1.5H0.30ML	0.25	200	184
EDI EW2211	P	E	E	2.7H0.38ML	0.25	200	184
EAU Z 221119.9	-1						202
010986	221123.66	5.2	9.1 D 0*0	15.0 3.8	5.0	NORTH SEA	1
16114 173 0.82					60.800	2.730	2
EAB Z 221249.9	P 1E						3
ELQ Z 221243.7	P 1EU						659
ESY Z 221246.1	P 1EU			2.5 H1.0 ML	1.0	200	611
EBL Z 221249.8	P 3E			3.5 H1.0 ML	1.0	200	627
EDU Z 221240.2	P 1EU						654
EAU Z 221250.3	P 1E						579
EBH Z 221245.6	P 1EU			4.5 H1.0 ML	1.0	200	661
EDI Z 221249.1	P 2E 110.0	S					624
SUE Z 221141.9	P 53.3	S					644
HYA Z 221151.9	P 74.8	S					114
BER Z 221147.0	P						192
ODD Z 221158.2	P 82.0	S					150
BLS Z 221163.5	P						237
KMY Z 221157.1	P 80.0	S					260
LWZ Z 221156.5	P EU						226
LRW NS2211				5.0 H0.4 ML	10.0	200	227
LRW EW2211				4.9 H0.3 ML	10.0	200	227
SAN Z 221157.4	P EU80.6	S 2E					236
WAL Z 221159.1	P ED						246
YEL Z 221154.75	P ID						210
010986 CORNWALL CN 457					5.0WALKER LCONSTANTINE,CORNWALL	1	
22252.79 173.53/ 27.98			5.9-0.1		50.108 -5.168		2
7 4 149 0.01 0.1 0.1 B*A*C	P 1I054.95	S 2					3
CCO Z 022254.00	P 1IU55.35	S 2					4
CBW Z 022254.26	55.46	S 2					6
CGH Z 0222	55.50	S 2					6
CR2 Z 0222				2.0H0.08ML	1.0	200	7
CR2 NS0222				11.6H0.06ML	1.0	200	7
CR2 EW0222							10
CST Z 022254.77	P 1IU						
CRA NS0222	55.48	S 2					
CTR NS0222	55.57	S 2					
CME NS0222	55.75	S 2					
010986 LOWNET LN 500 2182			12.5	5.0DWR	LAUCHENDINNY,LOTHIAN	1	
53934.40 325.20/ 661.78			1.9 0.2		55.843 -3.195	2	
6 9 141 0.21 0.3 0.5 C B*A*C	P EU37.71	S 2E					3
EDI Z 053936.70	EU	IU16.3H0.14ML			0.25 200		9
EDI NS0539	EU	E 7.5H0.31ML			0.25 200		9
EDI EW0539					0.25 200		9
EBL Z 053937.12	P E 38.48	S 3E					12
EAU Z 053937.78	P E 39.81	S 3E					16
010986 CORNWALL CN 457				5.0WALKER LCONSTANTINE,CORNWALL	1		
85118.69 173.43/ 27.95			6.1-0.1		50.108 -5.169	2	
7 4 151 0.01 0.1 0.1 B*A*C	P 1I020.90	S 2					3
CCO Z 085119.93	P 1IU21.32	S 2					4
CBW Z 085120.19	21.40	S 2					6
CGH Z 0851	21.44	S 2					6
CR2 NS0851				2.0H0.08ML	1.0	200	7
CR2 EW0851				10.6H0.06ML	1.0	200	7
CST Z 085120.69	P 1IU						10
CRA NS0222	21.42	S 2					
CTR NS0222	21.50	S 2					
CME NS0222	21.73	S 2					
010986 CORNWALL CN 457				5.0WALKER LCONSTANTINE,CORNWALL	1		
93033.99 173.14/ 27.90			6.1 2.0		50.107 -5.173	2	
7 4 158 0.02 0.3 0.3 B*A*C	P 1IU						3
CCO Z 093035.25	P 1IU						4
CBW Z 093035.51	P 1IU						6
CGH Z 093035.52	P 1IU						6
CR2 Z 093035.59	P 1IU36.75	S 2					7
CCA Z 093035.96	P 1IU						10
CST Z 093036.01	P 1IU						10
CPZ Z 093039.09	P 4IU						30
CSA Z 093039.90	P 4IU						34
DYA Z 093042.00	P 4						96
DYA NS0930				7.0H0.15ML	1.0	200	96
UYA EW0930				6.5H0.19ML	1.0	200	96
CRA Z 093035.57	P 1 36.74	S 1					
CTR Z 093035.62	P 1 36.78	S 1					
CME Z 093035.77	P 1 37.00	S 1					
010986 CORNWALL CN 457				5.0WALKER LCONSTANTINE,CORNWALL	1		
93158.39 173.20/ 28.04			6.0 0.5		50.108 -5.172	2	
11 3 156 0.02 0.2 0.2 B*A*C	P 1I060.55	S 2					3
CCO Z 093159.63	P 1IU61.00	S 2					4
CBW Z 093159.89	P 1IU61.09	S 2					6
CGH Z 093159.90	61.12	S 2					6
CR2 Z 0931				3.5H0.07ML	2.5	200	7
CR2 NS0931				15.5H0.07ML	2.5	200	7

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CCA Z 093160.34	P 1I061.81	S 2				10
CST Z 093160.40	P 1IU61.85	S 2				10
CRA Z 093159.94	P 2 61.13	S 2				
CTR Z 0931	61.18	S 2				
CME Z 093160.17	P 2 61.38	S 2				
-1						
020986 CORNWALL CN 457						
93338.11 173.35/ 28.01	6.2 0.2		5.0 WALKER LCONSTANTINE,CORNWALL			1
8 4 152 0.03 0.2 0.3 B A*C			50.108 -5.170			2
CCO Z 093339.37	P 1I040.35	S 2				3
CBW Z 093339.64	P 1IU40.75	S 2				4
CGH Z 0933	40.84	S 2				6
CR2 Z 0933	40.90	S 2				6
CR2 NS0933			1.5HO.08ML	2.5	200	7
CR2 EW0933			8.5HO.08ML	2.5	200	7
CCA Z 0933	41.57	S 3				10
CST Z 0933	41.62	S 3				10
CRA Z 093339.83	P 1 40.88	S 2				
CTR NS0933	40.94	S 2				
CME Z 0933	41.17	S 2				
-1						
020986 CORNWALL CN 457						
934 6.41 173.21/ 27.91	5.8 0.8		5.0 WALKER LCONSTANTINE,CORNWALL			1
7 4 156 0.01 0.2 0.3 B A*C			50.107 -5.172			2
CCO Z 093407.62	P 1I0					3
CBW Z 093407.68	P 1IU					4
CGH Z 093407.90	P 1IU					6
CR2 Z 093407.96	P 1IU09.10	S 2				6
CR2 NS0934			2.5HO.07ML	10.0	200	7
CR2 EW0934			6.0HO.06ML	10.0	200	7
CCA Z 093408.35	P 1I0					10
CST Z 093408.40	P 1IU					10
CTR Z 093407.95	P 1 09.18	S 2				
CRA Z 093407.95	P 1 09.10	S 2				
CME Z 093408.15	P 1 09.37	S 2				
-1						
020986 CORNWALL CN 457						
93646.19 173.55/ 27.96	5.9 0.0		5.0 WALKER LCONSTANTINE,CORNWALL			1
8 4 148 0.02 0.2 0.2 B A*C			50.108 -5.167			2
CCO Z 093647.41	P 1I048.35	S 2				3
CBW Z 093647.65	P 1IU48.78	S 2				4
CGH Z 0936	48.85	S 2				6
CR2 Z 0936	48.93	S 2				6
CR2 NS0936			2.0HO.07ML	1.0	200	7
CR2 EW0936			16.1HO.06ML	1.0	200	7
CST Z 093648.20	P 1IU49.64	S 2				10
CRA Z 0936	48.92	S 2				
CTR Z 0936	48.95	S 2				
CME Z 0936	49.20	S 2				
-1						
020986 CORNWALL						
936 9.37 173.41/ 28.24	6.1-0.1		5.0	CONSTANTINE,CORNWALL		1
7 3 283 0.02 0.3 0.2 C A*D			50.110 -5.170			2
CCO Z 093610.57	P 1I011.55	S 2				3
CBW Z 093610.85	P 1IU11.95	S 2				6
CR2 Z 0936	12.11	S 2				6
CR2 NS0936			2.5HO.08ML	1.0	200	6
CR2 EW0936			11.5HO.06ML	1.0	200	6
CST Z 093611.33	P 1IU12.81	S 2				10
CRA Z 0936	12.05	S 2				
CTR Z 0936	12.15	S 2				
CME Z 0936	12.35	S 2				
-1						
020986 CORNWALL CN 457						
93919.98 173.20/ 28.02	5.8 0.6		5.0 WALKER LCONSTANTINE,CORNWALL			1
9 3 156 0.02 0.2 0.2 B A*C			50.108 -5.172			2
CCO Z 093921.20	P 1I0					3
CBW Z 093921.44	P 1IU22.55	S 2				4
CGH Z 093921.46	P 1IU22.64	S 2				6
CR2 Z 0939	22.67	S 2				6
CR2 NS0939			5.0HO.07ML	2.5	200	7
CR2 EW0939			15.5HO.07ML	2.5	200	7
CCA Z 093921.91	P 1I023.38	S 2				10
CST Z 093921.96	P 1IU					10
CRA Z 093921.52	P 1					
CME Z 093921.72	P 1 22.97	S 2				
-1						
020986 CORNWLL						
12 3 0.65 173.48/ 27.93	6.1 0.1		5.0	CONSTANTINE,CORNWALL		1
7 4 150 0.01 0.1 0.1 B A*C			50.108 -5.168			2
CCO Z 120301.89	P 1I002.85	S 2				3
CBW Z 120302.15	P 1IU03.26	S 2				4
CGH Z 1203	03.35	S 2				6
CR2 Z 1203	03.42	S 2				6
CR2 NS1203			3.5 HO.07ML	1.0	200	7
CR2 EW1203			16.4HO.06ML	1.0	200	7
CST Z 120302.65	P 1IU					10
CRA Z 120302.32	P 3 03.47	S 3				
CTR Z 1203	03.50	S 3				
CME Z 1203	03.75	S 3				
-1						
020986 CORNWALL			5.0 WALKERLCONSTANTINE,CORNWALL			1

PHASE DATA : 1986

10	4	159	0.01	0.1	0.2	B A*C	FELT CONSTANTINE,MABE,	5	50.107	-5.173	2
CCO	Z	144800.77			P	1ID					4
CBW	Z	144801.03			P	1IU					6
CGH	Z	144801.05			P	1IO					6
CR2	Z	144801.12			P	1IU02.31	S 2				7
CRA	Z	144801.09			P	1ID					7
CTR	Z	144801.10			P	1IU					7
CME	Z	144801.28			P	1ID					8
CCA	Z	144801.50			P	1ID					10
CST	Z	144801.55			P	1IU					10
CPZ	Z	144804.63			P	4ID08.16	S 4				30
CSA	Z	144805.42			P	4IU					34
HTL	Z	144818.35			P	4					110
HTL	NS1448										110
HTL	EW1448										110
MCH	Z	144837.20			P	4					260
MCH	NS1448						5.1 HO.25ML	1.0	200	260	
MCH	EW1448						6.9 HO.28ML	1.0	200	260	
-1											
020986	LOWNET	LN 501	4	12.5		5.00WR	LMUSSELBURGH,LOTHIAN	1			
		155410.31	332.80/	675.63	1.1	0.4	55.969	-3.077			2
6	9	295	0.24	3.1	1.6	D C*D OFFSHORE.					3
EDI	Z	155412.70			P	EU13.72	S 2E	4.6HO.20M	1.0	200	9
EDI	NS1554				E		IU	6.6HO.18ML	1.0	200	9
EDI	EW1554				E0		E	2.4HO.33ML	1.0	200	9
EBL	Z	155414.52			P	EU18.20	S 2E				22
EAU	Z	155415.91			P	E 19.32	S 2E				27
-1											
020986	CORNWALL	LN 501	57	12.5		5.0	NW ST.IVES,CORNWALL	1			
		174759.54	155.14/	42.80	3.4-0.4		50.234	-5.434			2
9	14	232	0.02	0.4	1.2	C A*D					3
CPZ	Z	174802.00			P	2ED					14
CCA	Z	174802.33			P	2ED04.50	S 2E				16
CST	Z	174803.00			P	2ED					20
CR2	Z	174803.13			P	2ED05.84	S 2E				20
CCO	Z	174803.13			P	2ED05.84	S 2E				20
CBW	Z	174803.90			P	2ED					25
CR2	NS1748						4.2 HO.10ML	0.25	200	20	
CR2	EW1748						6.0 HO.06ML	0.25	200	20	
-1											
020986	LOWNET	LN 501	57	12.5		5.00WR	LMUSSELBURGH,LOTHIAN	1			
		194655.19	333.42/	675.35	0.9	0.3	55.967	-3.067			2
6	9	295	0.22	2.9	1.5	D C*D OFFSHORE.					3
EDI	Z	194657.69			P	E058.72	S 2E	12.7HO.30M	0.25	200	9
EDI	NS1946				E		IU	20.4HO.22ML	0.25	200	9
EDI	EW1946				E		E	8.1HO.31ML	0.25	200	9
EBL	Z	194659.42			P	E 63.08	S 2E				22
EAU	Z	194700.79			P	E 04.50	S 2E				28
-1											
030986	LOWNET	LN 501	135	12.5		5.00WR	LMUSSELBURGH,LOTHIAN	1			
		123.3.71	332.32/	674.30	1.4	0.4	55.957	-3.084			2
6	7	291	0.18	2.5	1.1	D C*D OFFSHORE.					3
EDI	Z	012305.85			P	ID06.81	S 2E	4.5HO.20ML	1.0	200	7
EDI	NS0123				E0		IU	6.1HO.25ML	1.0	200	7
EDI	EW0123				IU		E	2.4HO.31ML	1.0	200	7
EBL	Z	012307.79			P	ID10.99	S 2E				21
EAU	Z	012308.32			P	2E 12.63	S 2E				26
-1											
030986	CORNWALL	LN 501	135	12.5		5.0	CONSTANTINE,CORNWALL	1			
		12430.46	173.47/	28.07	6.0	0.2	50.109	-5.169			2
9	4	149	0.02	0.2	0.2	B A*C					3
CCO	Z	012431.70			P	1ID32.65	S 2				4
CBW	Z	012431.95			P	1IU33.05	S 2				6
CGH	Z	0124				33.17	S 2				7
CR2	Z	012432.05			P	2 D33.18	S 2				7
CR2	NS0124						4.5 HO.07ML	1.0	200	7	
CR2	EW0124						21.4HO.05ML	1.0	200	7	
CCA	Z	012432.42			P	1 D					10
CST	Z	0124				33.93	S 2				10
CRA	Z	0124				33.20	S 2				
CTR	Z	0124				33.24	S 2				
CME	Z	0124				33.48	S 2				
-1											
030986	LOWNET	LN 501	161	12.5		5.00WR	LMUSSELBURGH,LOTHIAN	1			
		31313.30	333.18/	676.52	0.0	0.3	55.977	-3.071			2
6	9	297	0.21	2.3	1.2	C B*D OFFSHORE.					3
EDI	Z	031315.71			P	ID16.79	S 2E	25.4HO.30M	0.25	200	9
EDI	NS0313				E0		IU	8.3HO.38ML	0.25	200	9
EDI	EW0313				E		E	8.0HO.41ML	0.25	200	9
EBL	Z	031318.00			P	1E 21.90	S 2E				23
EAU	Z	031318.88			P	1E 23.20	S 2E				28
-1											
030986	LOWNET	LN 501	209	12.5		5.00WR	LJOPPA,LOTHIAN	1			
		64335.19	330.65/	672.90	6.2	0.3	55.944	-3.110			2
7	5	212	0.23	2.3	2.5	C B*D					3
EDI	Z	064336.95			P	ID37.92	S 2E	3.9HO.20M	1.0	200	5
EDI	NS0643				E		IU	5.7HO.24ML	1.0	200	5
EDI	EW0643				IU		E	2.2HO.32ML	1.0	200	5
EBL	Z	064338.70			P	E 42.20	S 2E				20
EAU	Z	064339.71			P	E 43.40	S 2E				24
ESY	Z	064341.13			P	2E	S 2E				31
-1											

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030986	CORNWALL						5.0	CONSTANTINE,CORNWALL	1
	71020.48	173.38/	28.12	6.2	0.2		50.109	-5.170	2
9	3 151 0.02	0.1	0.2 B A*C						3
CCO	Z 071021.74	P 1ID22.70		S 2					4
CBW	Z 071021.97	P 1IU23.15		S 2					6
CR2	Z 071022.08	P 1IU23.23		S 2					6
CR2	NS0710					4.5 HO.08ML		1.0 200	6
CR2	EW0710					21.4HO.06ML		1.0 200	6
CGH	Z 0710	23.25		S 2					7
CCA	Z 071022.46	P 2E							10
CST	Z 0710	23.97		S 2					10
CRA	Z 0710	23.17		S 2					
CTR	Z 0710	23.26		S 2					
CME	Z 0710	23.49		S 2					
	-1								
030986	LOWNET	LN 501	237	12.5	5.0DWR	LROSEWELL,LOTHIAN	1		
	84453.60	329.75/	662.54	0.3 1.7		3+ 55.851 -3.122			
9	9 103 0.05	0.2	0.2 B A*B	FELT ROSLIN,LOANHEAD AND POLTON.POSS DOUBLE					2
EDI	Z 084455.86	P 1057.36		S 1IU					3
EBL	Z 084456.07	P EU57.79		S 2EO					9
EAU	Z 084458.02	P ID							10
ESY	Z 084500.02	P 1E							21
EBH	Z 084503.13	P E011.64		S 2EO					33
ESK	Z 084504.60	P ED11.89		S 2EU	8.5H1.0 M		0.25 200		50
ESK	NS0845	EU		E	8.5H1.0 ML		0.25 200		60
ESK	EW0845	E		E	7.7HO.29ML		0.25 200		60
XSO	Z 084506.38	P 2E 15.15		S 2E					68
ECK	Z 084506.88	P E 16.11		S 2E					75
EDU	Z 084507.48	P 2E							78
ELO	Z 084507.49	P 2E							78
EAB	Z 084508.52	P 2E							85
	-1								
030986	CORNWALL				5.0	CONSTANTINE,CORNWALL	1		
	111054.83	173.24/	28.36	6.2	0.1	50.111 -5.172			
6	3 282 0.01	0.2	0.2 C A*D						2
CCO	Z 111056.05	P 1I056.96		S 2					3
CBW	Z 111056.31	P 1IU57.44		S 2					6
CR2	Z 1110	57.55		S 2					6
CR2	NS1110				4.5 HO.07ML		1.0 200		6
CR2	EW1110				19.5HO.05ML		1.0 200		6
CST	Z 1110	58.26		S 2					9
CRA	Z 1110	57.54		S 2					
CTR	Z 1110	57.62		S 2					
CME	Z 1110	57.79		S 2					
	-1								
030986	CORNWALL				5.0	CONSTANTINE,CORNWALL	1		
	164212.63	173.07/	28.21	6.1	0.1	50.110 -5.174			
9	3 157 0.03	0.4	0.4 B A*C						2
CCO	Z 164213.86	P 1ID14.83		S 2					3
CBW	Z 164214.13	P 1IU							6
CR2	Z 164214.20	P 1IU15.35		S 2					6
CR2	NS1642				7.1 HO.07ML		1.0 200		6
CR2	EW1642				9.6 HO.05ML		1.0 200		6
CGH	Z 1642	15.40		S 2					7
CCA	Z 1642	16.00		S 2					9
CST	Z 164214.64	P 1IU16.07		S 2					10
CHA	Z 1642	15.32		S 1					
CTR	Z 1642	15.42		S 1					
CME	Z 1642	15.61		S 1					
	-1								
030986	CORNWALL				5.0	CONSTANTINE,CORNWALL	1		
	165624.88	173.28/	28.11	6.2	0.1	50.109 -5.171			
10	3 153 0.02	0.2	0.1 B A*C						2
CCO	Z 165626.12	P 1ID27.11		S 2					3
CBW	Z 165626.40	P 1ID27.54		S 2					6
CR2	Z 165626.45	P 1ID27.62		S 2					6
CR2	NS1656				4.6 HO.07ML		1.0 200		6
CR2	EW1656				16.0HO.05ML		1.0 200		6
CGH	Z 1656	27.65		S 2					7
CCA	Z 165626.85	P 1ID							10
CST	Z 165626.90	P 1IU28.35		S 2					10
CTR	Z 165626.48	P 2 27.66		S 2					
CRA	Z 165626.49	P 2 27.60		S 1					
CME	Z 165626.65	P 2 27.88		S 1					
	-1								
030986	CORNWALL				5.0	CONSTANTINE,CORNWALL	1		
	17 418.50	173.17/	28.53	6.2-0.2		50.113 -5.173			
9	3 280 0.02	0.2	0.1 C A*D						2
CCO	Z 170419.67	P 1ID20.65		S 2					3
CBW	Z 170419.97	P 1IU21.09		S 2					6
CR2	Z 170420.02	P 1IU21.15		S 2					6
CR2	NS1704				1.5 HO.08ML		1.0 200		6
CR2	EW1704				10.1HO.06ML		1.0 200		6
CCA	Z 170420.39	P 1 D							9
CST	Z 170420.45	P 1IU21.89		S 2					9
CRA	Z 1704	21.15		S 2					
CTR	Z 1704	21.20		S 2					
CME	Z 1704	21.41		S 2					
	-1								
030986	LOWNET	LN 501	396	12.5	5.0DWR	LGILMERTON,LOTHIAN	1		
	203250.96	328.96/	667.73	4.9	0.1	55.097 -3.136			
5	4 205 0.01	0.0	0.0 C A*D						2
									3

Table 5 (cont'd)

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EDI Z 203252.32	P E053.30	S 2E	9.5H0.20M	0.25	200	4
EDI NS2032	E		EU14.0H0.25ML	0.25	200	4
EDI EW2032	IU		E 5.0H0.4 ML	0.25	200	4
EBL Z 203254.00	P E 56.20	S 3E				15
EAU Z 203254.98	P E					21
-1						
030986 CORNWALL				5.0		
2117 9.20	173.39/ 27.89	6.0 0.3		CONSTANTINE,CORNWALL	1	
9 4 152 0.02	0.2 0.2 B A*C		50.107 -5.170		2	
CCO Z 211710.44	P 1I011.40	S 2			3	
CBW Z 211710.72	P 1IU11.81	S 2			4	
CGH Z 211710.70	P 1U				6	
CR2 Z 2117	11.95	S 2			6	
CR2 NS2117			5.2 H0.07ML	1.0	200	7
CR2 EW2117			27.0H0.07ML	1.0	200	7
CCA Z 211711.18	P 1ID					10
CST Z 211711.23	P 1IU12.69	S 2				10
CRA Z 211710.86	P 2 12.00	S 2				
CTR Z 211710.83	P 2 12.03	S 2				
CME Z 2117	12.25	S 2				
-1						
040986 CORNWALL				5.0		
0 7 5.72	173.44/ 28.15	6.0 0.1		CONSTANTINE,CORNWALL	1	
9 3 149 0.02	0.1 0.1 B A*C		50.110 -5.169		2	
CCO Z 000706.92	P 1E 07.86	S 2			3	
CBW Z 000707.18	P 1IU08.30	S 2			4	
CR2 Z 000707.25	P 1IU08.40	S 2			6	
CR2 NS0007			5.5 H0.07ML	1.0	200	6
CR2 EW0007			11.5H0.06ML	1.0	200	6
CGH Z 0007	08.44	S 2			7	
CST Z 000707.68	P 1IU09.12	S 2			10	
CTR Z 000707.28	P 1 08.42	S 2				
CRA Z 000707.29	P 1 08.39	S 2				
CME Z 000707.45	P 1 08.65	S 2				
-1						
040986 HEREFORD	HF 379			5.0 FORD LNR LLANDEILO,DYFED	1	
13 946.53	263.55/ 218.04	2.4 1.5		51.844 -3.981	2	
6 55 277 0.12	5.2 4.7 D*D				3	
HTR Z 130956.29	P 1EU63.68	S 2				55
HCG Z 130956.71	P 1EU				58	
MCH Z 130958.49	P 1E067.14	S 2			70	
MCH NS1309			5.3H0.25ML	0.25	200	70
MCH EW1309			13.4H0.26ML	0.25	200	70
HGH Z 130961.01	P 2E					84
-1						
050986 LOWNET	LN 501 1008	12.5	5.0DWR	L COMRIE,TAYSIDE	1	
17 132.48	278.17/ 722.24	3.6 1.6		3+ 56.377 -3.973	2	
21 19 90 0.39	1.0 1.9 C C*C FELT		COMRIE (3MSK)		3	
ELO Z 170136.33	P IU38.59	S 1EU10.7H0.15M		2.5 200	19	
EAB Z 170138.23	P IU42.01	S 1EU 5.2H0.11M		2.5 200	31	
EBH Z 170138.94	P IU43.29	S 1IU22.8H0.10M		2.5 200	32	
EDU Z 170143.10	P 2E 50.50	S 2EU			62	
EAU Z 170144.75	P 2E 50.39	S 3E			68	
EDI Z 170145.42	P 2E 53.22	S 2E	2.6H0.11M	1.0	200	70
EOI NS1701	E		E 3.5H0.13ML	1.0	200	70
EDI EW1701	E		E 3.7H0.11ML	1.0	200	70
EBL Z 170147.8	P 3E 58.0	S 3E			89	
ESY Z 170148.5	P 3E 59.9	S 3E			99	
KPL Z 170157.3	P 73.7	S 2			148	
KPL NS1701			7.0 H0.2 ML	0.25	200	148
KPL EW1701			9.0 H0.15ML	0.25	200	148
KSB Z 170154.0	P 68.5	S			128	
KAC Z 170156.9	P 73.6	S			149	
-1						
070986 LOWNET	LN 501 1460	12.5	5.0DWR	L CRIANLARICH,CENTRAL	1	
135 1.92	243.27/ 733.09	0.0 0.9		56.464 -4.544	2	
10 33 287 0.48	17.7 13.5 D D*D A/S	12.41,22.44	GMT		3	
EAB Z 013508.6	P E 12.7	S 2E		0.25 200	33	
ELO Z 013511.2	P E 17.9	S 2E			51	
EBH Z 013514.7	P E 23.8	S 2E			68	
EDU Z 013518.5	P E 30.4	S 2E			95	
EDI Z 013518.9	P 1E 33.8	S 1E	1.6H0.20M	0.25	200	104
EDI NS0135	E		E 2.6H0.12ML	0.25	200	104
EDI EW0135	E		E 2.9H0.11ML	0.25	200	104
-1						
070986	92458.81	0.1 3.0	5.0	SOUTHERN NORTH SEA	1	
11327 347 0.29270.4156.0 D D*D				54.765 2.116	2	
ESY Z 092546.1	P IU80.7	S 2E			327	
EBL Z 092548.2	P EU85.1	S 2E			346	
EOI Z 092550.5	P 2E 91.5	S 2E			361	
EDI NS0925			14.2H0.18ML	0.25	200	361
EDI EW0925			13.5H0.15ML	0.25	200	361
EAU Z 092551.7	P E				374	
EDU Z 092553.0	P 2E				379	
EBH Z 092554.4	P IU				392	
ELO Z 092556.9	P 1EU98.8	S 2E			414	
EAB Z 092559.6	P 1E				438	
FLN Z 092608.5	P 67.5	S				
LDF Z 092609.9	P 70.4	S				
-1						
070986 LOWNET	LN 501 1666	12.5	5.0DWR	L COMRIE,TAYSIDE	1	

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162456.51	276.64/	723.72	2.7	0.5		2+	56.390	-3.998	2
8 20 200 0.24	2.1	6.7	D C*D	FELT	COMRIE (2MSK)				3
ELO Z 162500.43	P	IU02.50	S	1EU12.9H0.10M		0.25	200	20	
EAB Z 162502.34	P	EU06.13	S	1EU 7.0H0.10M		0.25	200	31	
EBH Z 162503.09	P	IU07.30	S	1ED 8.4H0.10M		1.0	200	34	
EDU Z 162507.66	P	EU				0.25	200	63	
EDI Z 162508.52	P	2E 16.88	S	3E 1.9H0.08M		0.25	200	72	
EDI NS1625	E		E	2.3H0.09ML		0.25	200	72	
EDI EW1625	E		E	2.0H0.11ML		0.25	200	72	
-1									
070986 LOWNET	LN 501	1751	12.5		5.0DWR	L	COMRIE, TAYSIDE		1
223540.26	276.61/	723.28	7.0	0.0			56.386	-3.999	2
7 20 198 0.19	3.7	4.9	D C*D	POSSIBLY	FELT	COMRIE			3
ELO Z 223544.18	P	EU46.41	S	2EU 4.0H0.09ML		0.25	200	20	
EAB Z 223545.90	P	E 49.78	S	2E 2.1H0.10ML		0.25	200	31	
EBH Z 223546.80	P	EUS0.82	S	1E 9.6H0.10ML		0.25	200	34	
EDU Z 223550.90	P	E							63
-1									
070986 LOWNET	LN 501	1759	12.5		5.0DWR	L	CRIANLARICH, CENTRAL		1
23 9 2.35	232.73/	736.23	3.0	1.2			56.488	-4.717	2
11 41 184 0.35	3.0	4.8	D C*D	A/S 08/9 00.55,03.07,		04.23,04.31	GMT		3
EAB Z 230909.2	P	E 13.9	S	2E					41
ELO Z 230912.78	P	E 19.2	S	2E					62
EBH Z 230915.8	P	E							79
EDU Z 230920.0	P	E							105
EAU Z 230920.4	P	E							106
EDI Z 230921.5	P	E 35.0	S	2E 2.5H0.10M		0.25	200	114	
EDI NS2309	E		E	4.0H0.10ML		0.25	200	114	
EDI EW2309	E		E	3.8H0.28ML		0.25	200	114	
E8L Z 230924.2	P	E							131
KPL Z 2309		34.0	S	3					111
KPL NS2309					2.5 H0.2 ML		0.25	200	111
KPL EW2309					2.6 H0.25ML		0.25	200	111
-1									
080986 LOWNET	LN 501	1838	12.5		5.0DWR	L	CRIANLARICH, CENTRAL		1
44741.68	233.27/	737.44	7.4	1.2			56.500	-4.709	2
9 42 182 0.23	2.4	5.7	D C*D						3
EAB Z 044748.74	P	EU53.21	S	2E 8.5H0.10M		0.25	200	42	
ELO Z 044751.91	P	E 58.11	S	2E 5.8H0.16M		0.25	200	62	
EBH Z 044754.79	P	EU		3.5H0.10M		0.25	200	79	
EDU Z 044758.80	P	E							105
EAU Z 044759.42	P	E							107
EDI Z 044800.22	P	E 14.10	S	1E 3.2H0.20M		0.25	200	114	
EDI NS0448	E		E	3.5H0.18ML		0.25	200	114	
EDI EW0448	E		E	3.9H0.22ML		0.25	200	114	
KPL Z 0448		12.6	S	3					110
KPL NS0448					2.0 H0.2 ML		0.25	200	110
KPL EW0448					2.5 H0.2 ML		0.25	200	110
-1									
080986 LOWNET8	LN 501	1845	12.5		5.0DWR	L	CRIANLARICH, CENTRAL		1
51955.54	246.89/	729.73	1.5	0.7			56.435	-4.484	2
6 29 280 0.29	2.2	1.6	C B*D	A/S 05.48	GMT				3
EAB Z 052001.01	P	E 05.11	S	1E 3.9H0.10M		0.25	200	29	
ELO Z 052004.18	P	E 10.54	S	1E 2.2H0.16M		0.25	200	48	
EBH Z 052007.30	P	E							64
EDU Z 052009.02	P	1E							91
EDI Z 052011.80	P	4E 26.25	S	4E 1.4H0.11M		0.25	200	99	
EDI NS0520	E		E	1.7H0.11ML		0.25	200	99	
EDI EW0520	E		E	2.4H0.10ML		0.25	200	99	
-1									
080986 LOWNET	LN 501	1853	12.5		5.0DWR	L	CRIANLARICH, CENTRAL		1
54927.12	243.39/	735.01	1.2	1.0			56.481	-4.543	2
5 35 292 0.08	12.2	8.6	D D*D	A/S 06.21,06.42,08.26,		10.31,12.52	GMT		3
EAB Z 054933.73	P	EU38.60	S	2E 5.3 H0.09M		0.25	200	35	
ELO Z 054936.51	P	E 43.29	S	2E 2.6 H0.20M		0.25	200	51	
EBH Z 054939.98	P	EU							69
EDU Z 054944.30	P	3E							95
EDI Z 054944.40	P	4E 59.61	S	3E 1.8 H0.12M		0.25	200	105	
EDI NS0549	E		E	4.6 H0.10ML		0.25	200	105	
EDI EW0549	E		E	2.6 H0.12ML		0.25	200	105	
-1									
080986 LOWNET	LN 501	1951	12.5		5.0DWR	L	CRIANLARICH, CENTRAL		1
125612.16	239.48/	734.05	0.0	1.3			56.471	-4.606	2
8 36 293 0.46	27.1	20.3	D D*D	A/S 12.59,13.03	GMT				3
EAB Z 125619.10	P	E 24.10	S	2E 3.5H0.09M		0.25	200	36	
ELO Z 125621.91	P	E 29.50	S	2E 2.5H0.12M		0.25	200	55	
EBH Z 125626.70	P	E 35.29	S	2E 3.4H0.10M		0.25	200	72	
EDU Z 125630.60	P	2E 42.51	S	2E 2.6H0.10M		0.25	200	98	
EDI Z 125632.73	P	4E 45.90	S	3E 4.4H0.22M		0.25	200	107	
EDI NS1256	E		E	3.2H0.18ML		0.25	200	107	
EDI EW1256	E		E	3.6H0.30ML		0.25	200	107	
-1									
080986 LOWNET	LN 501	1955	12.5		5.0DWR	L	CRIANLARICH, CENTRAL		1
131352.01	246.94/	730.65	1.9	1.3			56.443	-4.483	2
6 30 280 0.18	24.8	18.0	D D*						3
EAB Z 131357.62	P	E 61.72	S	2E 4.9H0.10M		0.25	200	30	
ELO Z 131400.48	P	E 06.93	S	2E 5.5H0.18M		0.25	200	48	
EBH Z 131403.80	P	E013.18	S	3E 5.0H0.10M		0.25	200	64	
EDU Z 131407.43	P	1E							91
EDI Z 131408.40	P	4E 23.69	S	3E 2.9H0.18M		0.25	200	99	
EDI NS1314	E		E	4.3H0.18ML		0.25	200	99	
EDI EW1314	E		E	5.1H0.18ML		0.25	200	99	
-1									

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080986	LOWNET	LN 501	1957	12.5	5.00DWR	LCRIANLARICH,CENTRAL	1
	131912.74	245.91/	731.93	0.0 1.0		56.454	-4.501
8 31	282 0.19	19.0	13.9	D D*D A/S	14.00 GMT		2
EAB Z	131918.91	P	EU23.54	S 2E	3.2HO.14M	0.25	200
ELO Z	131921.89	P	EU28.22	S 2E	3.2HO.16M	0.25	200
EBH Z	131924.99	P	E 34.40	S 2E	3.4HO.10M	0.25	200
EDU Z	131929.00	P	2E 40.80	S 3E			65
EDI Z	131929.00	P	4E 44.33	S 4E	2.3HO.22M	0.25	200
EDI NS1319		E		E	4.5HO.11ML	0.25	200
EDI EW1319		E		E	3.8HO.11ML	0.25	200
	-1						101
080986	LOWNET	LN 501	1980	12.5	5.00DWR	LCRIANLARICH,CENTRAL	1
	15 010.01	245.77/	731.76	0.9 1.2		56.453	-4.503
7 31	282 0.27	33.8	25.5	D D*D A/S	15.01 15.11, 19.28,	19.34, 21.30 GMT	2
EAB Z	150016.04	P	EU20.40	S 2E	3.7HO.18M	0.25	200
ELO Z	150018.73	P	EU25.20	S 2E	4.1HO.18M	0.25	200
EBH Z	150022.19	P	EU30.81	S 2E	3.0HO.12M	0.25	200
EDU Z	150026.18	P	1E 27.56	S 3E			66
EDI Z	150027.18	P	4E 40.90	S 3E	2.6HO.22M	0.25	200
EDI NS1500		E		E	4.2HO.19ML	0.25	200
EDI EW1500		E		E	3.7HO.18ML	0.25	200
	-1						101
080986	LOWNET	LN 501	1997	12.5	5.00DWR	LCOMRIE,TAYSIDE	1
	161649.02	278.02/	722.45	3.1 1.7		2+ 56.379	-3.976
21 19	91 0.39	1.0	2.0 C C*C FELT	COMRIE			2
ELO Z	161652.75	P	IU54.96	S 2E	4.9HO.10M	10.0	200
EAB Z	161654.60	P	IU56.57	S 2E	1.9HO.10M	10.0	200
EBH Z	161655.34	P	IU59.64	S 2IU	6.5HO.10M	10.0	200
EDU Z	161659.74	P	EU67.10	S 2E			32
EAU Z	161701.01	P	EU				62
EDI Z	161701.50	P	1EU09.74	S 3E	4.0HO.12M	1.0	200
EDI NS1617		E		IU	6.3HO.10ML	1.0	200
EDI EW1617		E		E	5.0HO.16ML	1.0	200
EBL Z	161704.90	P	1E 14.85	S 3E			89
ESY Z	161705.89	P	1E 16.61	S 3E			99
KPL Z	161713.8	P	30.5	S			148
KPL NS1617					10.0HO.15ML	0.25	200
KPL EW1617					10.5HO.2 ML	0.25	200
KSB Z	161710.5	P	24.6	S 2			128
KAC Z	161713.4	P	29.6	S 2			149
	-1						
080986	LOWNET	LN 501	2012	12.5	5.00DWR	LCOMRIE,TAYSIDE	1
	172139.82	276.43/	724.64	2.6 0.5		2+ 56.398	-4.002
6 20	204 0.21	2.2357.5	D C*D FELT	COMRIE			2
ELO Z	172143.72	P	IU45.98	S 2E	2.0HO.11ML	1.0	200
EAB Z	172145.76	P	EU49.48	S 2E	0.9HO.10M	1.0	200
EBH Z	172146.33	P	IU50.69	S 1IU	6.7HO.10ML	1.0	200
	-1						35
080986	LOWNET	LN 501	2074	12.5	5.00DWR	LMUSSELBURGH,LOTHIAN	1
	215058.75	334.26/	675.54	0.7 0.0		55.968	-3.053
6 10	297 0.27	3.6	2.0 D C*D OFFSHORE				2
EDI Z	215101.52	P	I002.49	S 2E	8.4HO.21M	0.25	200
EDI NS2151		ED		IU	10.8HO.16ML	0.25	200
EDI EW2151		IU		E	6.4HO.20ML	0.25	200
EBL Z	215103.00	P	E 06.80	S 2E			10
EAU Z	215104.52	P	E 08.40	S 2E			10
	-1						22
080986	LOWNET	LN 501	2076	12.5	5.00DWR	LCRIANLARICH,CENTRAL	1
	215939.88	243.02/	733.22	2.0 1.1		56.465	-4.548
9 33	287 0.38	12.6	9.1 D D*D				2
EAB Z	215946.07	P	IU50.53	S 2E	5.4HO.14M	0.25	200
ELO Z	215948.81	P	E 55.30	S 2E	3.4HO.18M	0.25	200
EBH Z	215952.22	P	E 61.63	S 2E			52
EDU Z	215956.17	P	1E 67.61	S 3E			69
EDI Z	215956.30	P	4E 71.51	S 3E	1.6HO.18M	0.25	200
EDI NS2159		E		E	4.7HO.10ML	0.25	200
EDI EW2159		E		E	3.1HO.18ML	0.25	200
	-1						104
080986	LOWNET	LN 501	2091	12.5	5.00DWR	LCOMRIE,TAYSIDE	1
	23 457.52	275.17/	724.05	2.7 0.3		56.392	-4.022
7 21	205 0.19	1.9	11.3 D C*D				2
ELO Z	230501.62	P	IU04.01	S 2E	7.3HO.10ML	0.25	200
EAB Z	230503.18	P	E 06.92	S 2E	3.6HO.10ML	0.25	200
EBH Z	230504.25	P	IU08.52	S 2IU	18.9HO.10ML	0.25	200
EDU Z	230508.61	P	1E				36
	-1						65
090986	LOWNET	LN 501	2147	12.5	5.00DWR	LCRIANLARICH,CENTRAL	1
	3 847.21	236.27/	735.98	9.9 1.4		56.488	-4.659
10 39	178 0.28	2.9	9.6 C C*C				2
EAB Z	030854.20	P	IU58.61	S 2E		0.25	200
ELO Z	030857.01	P	EU63.95	S 2E			39
EBH Z	030900.32	P	EU				58
EDU Z	030904.11	P	E 15.71	S 2E			76
EDI Z	030906.90	P	4E 19.39	S 3E	2.9HO.18M	0.25	200
EDI NS0309		E		E	5.8HO.11ML	0.25	200
EDI EW0309		E		EU	4.0HO.20ML	0.25	200
KPL Z	030905.6	P	2 18.6	S 2			111
KPL NS0309					3.5 HO.19ML	0.25	200
KPL EW0309					6.5 HO.2 ML	0.25	200
	-1						113
090986	LOWNET	LN 501	2149	12.5	5.00DWR	LCRIANLARICH,CENTRAL	1
	31822.82	236.13/	734.38	5.6 1.1		56.473	-4.661
							2

Table 5 (cont'd)

PHASE DATA : 1986

PHASE DATA : 1986

EDI NS1556		E		E	5.7H0.11ML	0.25	200	101
EDI EW1556		E		E	4.0H0.22ML	0.25	200	101
-1								
090986 LOWNET	LN 502	31	12.5	5.0DWR	LCRIANLARICH,CENTRAL	1		
181351.07	245.59/ 731.19	4.2 1.0			56.448 -4.505	2		
7 31 283 0.26	9.9 17.0 D D*0 A/S	23.00,10/09/86 04.07,23.30	GMT			3		
EAB Z 181356.66	P EU60.91	S 2E			0.25 200	31		
ELO Z 181359.50	P EU66.00	S 2E				49		
EBH Z 181402.89	P EU10.22	S 2E				66		
EDU Z 181406.60	P 2E					93		
EDI Z 181407.5	P 4E 21.89	S 3E	1.1H0.16M		0.25 200	101		
EDI NS1814	E		E	3.2H0.12ML	0.25 200	101		
EDI EW1814	E		E	3.1H0.20ML	0.25 200	101		
-1								
100986 LOWNET	LN 502	437	12.5	5.0DWR	LCRIANLARICH,CENTRAL	1		
233056.35	238.12/ 733.20	5.0 1.0			56.463 -4.628	2		
7 35 295 0.34	4.5 6.7 D C*D A/S	23.59,11/09/86 00.00,12.19,23.08	GMT			3		
EAB Z 233102.81	P E 07.46	S 2E			0.25 200	35		
ELO Z 233105.90	P E 12.60	S 2E				56		
EBH Z 233109.29	P E 18.30	S 2E				73		
EDU Z 233113.28	P 2E					100		
EDI Z 233116.4	P 4E 28.3	S 3E	1.3H0.18M		0.25 200	108		
EDI NS2331	E		E	3.1H0.12ML	0.25 200	108		
EDI EW2331	E		E	3.0H0.16ML	0.25 200	108		
-1								
110986 LOWNET	LN 502	485	12.5	5.0DWR	LROSEWELL,LOTHIAN	1		
3 313.08	328.71/ 662.64	0.0 0.4			55.852 -3.139	2		
6 9 166 0.05	2.0 2.0 C B*C					3		
EDI Z 030315.19	P E 16.82	S 2E	12.3H0.22M		0.25 200	9		
EDI NS0303	E		E	ED12.0H0.28ML	0.25 200	9		
EDI EW0303	E		E	IU16.9H0.32ML	0.25 200	9		
EBL Z 030315.72	P E 17.67	S 2E				11		
EAU Z 030317.29	P E 20.58	S 2E				20		
-1								
110986 LOWNET	LN 502	649	12.5	5.0DWR	LDUNOON,STRATHCLYDE	1		
1455 6.47	209.78/ 684.22	0.0 0.7			56.013 -5.052	2		
7 48 344 0.73	12.3 8.5 D D*					3		
EAB Z 145514.3	P E 21.2	S 3E	10.0H0.08ML		0.25 200	48		
ELO Z 145523.7	P E 36.1	S 3E	2.6H0.12ML		0.25 200	98		
EBH Z 145523.9	P E 36.8	S 3E	1.4H0.12ML		0.25 200	100		
EDU Z 145530.1	P E					140		
-1								
120986 LOWNET	LN 502	973	12.5	5.0DWR	LROSEWELL,LOTHIAN	1		
142327.66	329.24/ 662.27	0.4 0.1			55.848 -3.130	2		
6 9 170 0.06	9.7 8.6 D D*C					3		
EDI Z 142329.96	P E 31.50	S 2E	11.5H0.25M		0.25 200	9		
EDI NS1423	E		E	10.3H0.20ML	0.25 200	9		
EDI EW1423	E		E	8.1H0.21ML	0.25 200	9		
EBL Z 142330.10	P E 32.01	S 2E				10		
EAU Z 142332.03	P E 34.99	S 2E				20		
-1								
120986 LOWNET	LN 502	1084	12.5	5.0DWR	LCRIANLARICH,CENTRAL	1		
222112.12	235.46/ 735.85	8.4 1.5			56.486 -4.672	2		
15 39 180 0.30	1.8 43.7 C C*C F/S	12.06,22.15	GMT			3		
EAB Z 222119.08	P EU23.72	S 2E	5.6H0.19M		0.25 200	39		
ELO Z 222121.91	P EU28.76	S 2E	7.0H0.18M		0.25 200	59		
EBH Z 222125.30	P IU34.60	S 2E	8.0H0.10M		0.25 200	77		
EDU Z 222129.15	P 1E 40.2	S 3E				102		
EAU Z 222131.21	P 1E 43.3	S 3E				104		
EDI Z 222132.5	P 4E 44.35	S 2E	3.4H0.20M		0.25 200	112		
EDI NS2221	E		E	7.0H0.11ML	0.25 200	112		
EDI EW2221	E		E	6.0H0.28ML	0.25 200	112		
KPL Z 222130.7	P 3 43.6	S 1				112		
KPL NS2221				4.9 H0.2 ML	0.25 200	112		
KPL EW2221				8.5 H0.2 ML	0.25 200	112		
KSB Z 222127.2	P 3 38.4	S 2				93		
-1								
120986 LOWNET	LN 502	1085	12.5	5.0DWR	LCRIANLARICH,CENTRAL	1		
222618.89	236.38/ 735.88	8.0 1.1			56.487 -4.658	2		
10 39 178 0.32	1.9383.2 C C*C					3		
EAB Z 222625.72	P EU30.18	S 2E			0.25 200	39		
ELO Z 222628.61	P EU35.13	S 2E				58		
EBH Z 222631.86	P EU41.32	S 2E				76		
EDU Z 222635.95	P 1EU47.7	S 3E				102		
EDI Z 222637.05	P 4E 51.2	S 3E	1.7H0.19M		0.25 200	111		
EDI NS2226	E		E	3.5H0.10ML	0.25 200	111		
EDI EW2226	E		E	2.6H0.18ML	0.25 200	111		
KPL Z 2226	50.6	S 2				113		
KPL NS2226				2.0 H0.2 ML	0.25 200	113		
KPL EW2226				2.6 H0.2 ML	0.25 200	113		
-1								
120986 LOWNET	LN 502	1089	12.5	5.0DWR	LCRIANLARICH,CENTRAL	1		
223914.62	234.95/ 736.27	7.6 1.3			56.490 -4.681	2		
11 40 180 0.25	2.2317.1 D C*D A/S	22.50,13/9 07.15	GMT			3		
EAB Z 223921.53	P ED26.20	S 2E	5.3H0.18M		0.25 200	40		
ELO Z 223924.47	P EU30.98	S 2E	4.5H0.13M		0.25 200	60		
EBH Z 223927.76	P EU37.13	S 2E	6.1H0.09M		0.25 200	77		
EDU Z 223931.52	P 1EU43.3	S 3E				103		
EAU Z 223933.45	P 3E					105		
EDI Z 223934.28	P 3E 47.03	S 2E	2.5H0.11M		0.25 200	112		
EDI NS2239	E		E	6.0H0.11ML	0.25 200	112		
EDI EW2239	E		E	4.8H0.18ML	0.25 200	112		

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KPL Z 2239		46.0	S	2.6	HO.22ML	0.25	200	112
KPL NS2239				4.1	HO.21ML	0.25	200	112
KPL EW2239								
-1								
130986 LOWNET	LN 502	1197	12.5	5.0DWR	LMUSSELBURGH,LOTHIAN	1		
62959.51	332.57/	673.15	0.7 0.3		55.947 -3.080	2		
8 7 135 0.25	1.3	1.5 B A*B				3		
EDI Z 063001.50	P	I002.51	S 1E	3.8HO.22M	1.0 200	7		
EDI NS0630		ED	IU	5.3HO.25ML	1.0 200	7		
EDI EW0630		IU	E	3.9HO.12ML	1.0 200	7		
EBL Z 063003.41	P	I007.25	S 2E			19		
EAU Z 063004.30	P	2E 08.40	S 2EU			26		
ESY Z 063005.18	P	2E				29		
EBH Z 063007.80	P	2E				43		
-1								
130986 LOWNET	LN 502	1227	12.5	5.0DWR	LROSEWELL,LOTHIAN	1		
83747.65	329.04/	662.76	0.2 1.6		55.853 -3.134	2		
11 9 100 0.05	0.2	0.2 B A*B				3		
EDI Z 083749.81	P	I051.31	S 1EU	4.1HO.21M	10.0 200	9		
EDI NS0837		ID	EU	4.2HO.22ML	10.0 200	9		
EDI EW0837		IU	IU	4.8HO.20ML	10.0 200	9		
EBL Z 083750.27	P	E052.21	S 2IU			11		
EAU Z 083751.98	P	I055.10	S 2EU			20		
ESY Z 083754.13	P	IU59.1	S 3E			33		
EBH Z 083757.00	P	EU63.7	S 3E			50		
ESK Z 083758.52	P	ED65.58	S 2ED	7.0H1.0 M	0.25 200	60		
ESK NS0837		EU	EU	8.7H1.0 ML	0.25 200	60		
ESK EW0837		E	E	4.6H1.1 ML	0.25 200	60		
ECK Z 083801.11	P	E010.30	S 3E			75		
ELO Z 083801.50	P	1EU10.9	S 3E			78		
EDU Z 083801.6	P	2E				78		
EAB Z 083802.4	P	2EU				84		
-1								
130986 HEREFORD	HF 380		5.0 FORD	LNR BRIDGWATER,SOMERSET	1			
173435.85	339.08/	132.67	1.3 1.8		51.090 -2.870	2		
10 61 208 0.23	2.4	1.9 C B*D				3		
HGH Z 173447.06	P	2E				61		
MCH Z 173453.03	P	1E 65.38	S 2			101		
MCH NS1734				10.0HO.16ML	1.0 200	101		
MCH EW1734				7.1HO.11ML	1.0 200	101		
HAE Z 173453.90	P	3E				108		
HLM Z 1734		80.34	S 2			159		
DYA Z 173453.27	P	1E 66.71	S 2			104		
DYA NS1734				15.9HO.11ML	0.25 200	104		
DYA EW1734				14.5HO.08ML	0.25 200	104		
DCO Z 173453.98	P	3E	S 2			111		
HTL Z 173455.04	P	2E 68.62		14.6HO.18ML	0.25 200	114		
HTL NS1734				18.0HO.16ML	0.25 200	114		
HTL EW1734								
-1								
130986 LOWNET	LN 502	1355	12.5	5.0DWR	LBONNYRIGG,LOTHIAN	1		
175917.36	330.61/	663.60	2.4 0.9		55.861 -3.109	2		
8 8 108 0.12	0.6	1.1 B A*B				3		
EDI Z 175919.49	P	IU20.70	S 2E	13.5HO.35M	1.0 200	9		
EDI NS1759		IU	2E	6.0HO.8 ML	1.0 200	9		
EDI EW1759		EO	E	5.9HO.4 ML	1.0 200	9		
EBL Z 175919.65	P	ID21.45	S 2ED			11		
EAU Z 175921.50	P	I024.41	S 2E			22		
ESY Z 175923.10	P	1E				32		
EBH Z 175926.80	P	IED				50		
-1								
130986 LOWNET	LN 502	1411	12.5	5.0DWR	LROSEWELL,LOTHIAN	1		
22 2 7.42	329.43/	662.44	0.7 0.5		55.850 -3.127	2		
8 9 120 0.04	0.3	0.4 B A*B				3		
EDI Z 220209.68	P	E 10.88	S 2EU	7.1HO.27M	1.0 200	9		
EDI NS2202		E	IU	2.6HO.8 ML	1.0 200	9		
EDI EW2202		E	E	3.5HO.22ML	1.0 200	9		
EBL Z 220209.90	P	ED11.79	S 2IU			10		
EAU Z 220211.70	P	I014.81	S 3E			21		
ESY Z 220213.8	P	3E				33		
EBH Z 220216.9	P	3E				50		
-1								
150986 LOWNET	LN 502	1879	12.5	5.0DWR	LCRIANLARICH,CENTRAL	1		
75029.68	246.53/	728.84	3.4 1.5		56.427 -4.489	2		
8 28 281 0.34	8.6	17.0 D D*D F/S	06.55,06.56(X3),06.57	07.48 GMT		3		
EAB Z 075035.00	P	IU38.49	S 2E	7.5HO.12M	0.25 200	28		
ELO Z 075037.84	P	IU44.52	S 2E	8.0HO.20M	0.25 200	48		
EBH Z 075041.22	P	1EU51.61	S 4E	5.8HO.19M	0.25 200	64		
EDU Z 075045.24	P	1ED57.17	S 3EU			92		
EAU Z 075045.49	P	3E				91		
EDI Z 075047.10	P	4EU60.13	S 3E	6.0HO.12M	0.25 200	98		
EDI NS0750		E	E	5.9HO.19ML	0.25 200	98		
EDI EW0750		E	E	6.7HO.26ML	0.25 200	98		
EBL Z 075049.5	P	3E				116		
ESY Z 075051.2	P	3E				129		
-1								
150986 LOWNET	LN 502	1994	12.5	5.0DWR	LROSEWELL,LOTHIAN	1		
16 832.11	329.31/	662.89	2.3 1.2		55.854 -3.129	2		
10 8 118 0.09	0.4	0.6 B A*B				3		
EDI Z 160834.00	P	IU35.46	S 2EU10.0HO.38M		2.5 200	9		
EDI NS1608		IU	E	5.7HO.50ML	2.5 200	9		
EDI EW1608		ID	EU	5.7HO.50ML	2.5 200	9		

Table 5 (cont'd)

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EBL Z 160834.32	P	ID36.12	S	2EU			11
EAU Z 160836.19	P	ED38.81	S	2EU			20
ESY Z 160838.20	P	1ED42.7	S	3E			33
EBH Z 160841.29	P	1EU47.97	S	2E			50
-1							
150986 LOWNET	LN 502	2101	12.5	5.0DWR	LROSEWELL, LOTHIAN	55.843 -3.144	1
235216.32	328.34/	661.69	0.3 0.4				2
8 9 130 0.15	0.3	0.4 B B*B					3
EDI Z 235218.47	P	IU19.72	S	2E	15.2H0.36ML	0.25 200	9
EDI NS2352	IU		EU	7.8H0.5 ML		0.25 200	9
EDI EW2352	ED		E	8.8H0.38ML		0.25 200	9
EBL Z 235218.77	P	ID20.41	S	2EU			10
EAU Z 235220.55	P	ID23.78	S	2EU			20
ESY Z 235223.08	P	1E					34
EBH Z 235225.85	P	1E					51
-1							
160986 LOWNET	LN 502	2136	12.5	5.0DWR	LCRIANLARICH, CENTRAL	56.437 -4.344	1
22346.71	255.52/	729.62	1.5 0.6				2
6 28 262 0.42	28.3 18.1 D	D*0 F/S	15/9 15.02, 20.47,	22.04 GMT			3
EAB Z 022351.90	P	E 55.97	S	2E		0.25 200	28
ELO Z 022353.8	P	E 58.8	S	2E			39
EBH Z 022358.02	P	1E					56
EDU Z 022401.3	P	1E					83
EDI Z 022404.5	P	4E 16.3	S	4E	0.8H0.18M	0.25 200	92
EDI NS0224	E		E	1.5H0.11ML		0.25 200	92
EDI EW0224	E		E	1.3H0.12ML		0.25 200	92
-1							
160986 LOWNET	LN 502	2280	12.5	5.0DWR	LCRIANLARICH, CENTRAL	56.458 -4.484	1
125856.25	246.98/	732.35	2.3 1.1				2
6 31 280 0.29	35.2 25.9 D	D*0 F/S	12.26, A/S 15.33	GMT			3
EAB Z 125901.90	P	IU06.41	S	2E		0.25 200	31
ELO Z 125904.71	P	EU10.60	S	2E			48
EBH Z 125908.02	P	ED					65
EDU Z 125912.16	P	1ED					91
EDI Z 125914.3	P	4E 27.8	S	4E			100
EDI NS1259	E		E	3.5H0.14ML		0.25 200	100
EDI EW1259	E		E	3.7H0.22ML		0.25 200	100
-1							
160986N WALES				5.0	LLEYN AFTERSHOCK	52.957 -4.398	1
234618.87	238.92/	342.65	23.1 0.6				2
19 3 98 0.12	0.4	1.0 B A*B					3
WCB Z 234628.06	P	2E					48
WCB NS2346				5.0 H0.07ML		0.25 200	48
WCB EW2346				8.5 H0.07ML		0.25 200	48
YRC Z 234625.53	P	2E 30.28	S	3			35
YRE Z 234622.59	P	1ID					3
WPM Z 234627.23	P	2E 33.09	S	2			47
WLF Z 234625.77	P	2E 30.56	S	3			37
YLL Z 234624.32	P	1IU27.17	S	2			26
WST Z 234625.00	P	4					28
WST NS2346			28.78	S	2	4.2 H0.08ML	1.0 200
WST EW2346				S	2	10.7H0.07ML	1.0 200
WBR Z 234626.00	P	3E 30.32	S	2			36
WLC Z 234626.58	P	2E 31.89	S	2			42
WFB Z 234626.16	P	3E 31.15	S	2			39
YRH Z 234623.85	P	1IU27.34	S	2			21
-1							
170986 LOWNET	LN 503	178	12.5	5.0DWR	LROSEWELL, LOTHIAN	55.852 -3.138	1
44723.25	328.75/	662.69	0.1 0.2				2
6 8 167 0.07	5.5 5.3 D	D*C					3
EDI Z 044725.47	P	ED26.80	S	2EU	3.7H0.8 M	0.25 200	9
EDI NS0447	ED		EU	4.0H0.8 ML		0.25 200	9
EDI EW0447	ED		E	8.7H0.30ML		0.25 200	9
EBL Z 044725.88	P	E 27.80	S	3E			11
EAU Z 044727.49	P	1E 30.69	S	3E			20
-1							
170986 LOWNET				5.0	OBAN, STRATHCLYDE	56.337 -5.404	1
10 323.89	189.65/	721.26	7.2 0.6				2
6 68 337 1.18	45.2 89.7 D	D*D OBAN FORESHOCK					3
EAB Z 100335.59	P	EU42.02	S	2E	3.4H0.09ML	0.25 200	68
ELO Z 100340.28	P	E 55.2	S	2E	1.3H0.09ML	0.25 200	106
EBH Z 100344.3	P	E					118
EDU Z 100345.7	P	E					149
-1							
170986 LOWNET	LN 503	286	12.5	5.0DWR	LROSEWELL, LOTHIAN	55.851 -3.134	1
123824.00	329.00/	662.56	0.6 0.9				2
10 9 121 0.09	0.4 0.5 B	A*B					3
EDI Z 123826.20	P	I027.70	S	2EU	10.6H0.21M	1.0 200	9
EDI NS1238	ID		IU	9.1H0.28ML		1.0 200	9
EDI EW1238	EU		IU	14.0H0.28ML		1.0 200	9
EBL Z 123826.58	P	EU28.41	S	2EU			10
EAU Z 123828.30	P	ED31.23	S	2ED			20
ESY Z 123830.37	P	E 35.42	S	2EU			33
EBH Z 123833.46	P	ED40.00	S	3E			50
EAB Z 123838.89	P	E					84
-1							
170986 LOWNET	LN 503	331	12.5	5.0DWR	LCRIANLARICH, CENTRAL	56.440 -4.481	1
1555 5.70	247.08/	730.28	2.7 0.7				2
7 29 280 0.30	3.6 4.0 D	C*D					3
EAB Z 155510.80	P	E 15.32	S	2E		0.25 200	29
ELO Z 155514.5	P	1E 19.9	S	2E			48
EBH Z 155516.98	P	E 24.8	S	2E			64

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EDU Z 155521.4	P 1E									91
EDI Z 155520.5	P 4E	35.9		S 3E	1.3HO.10M		0.25	200	99	
EDI NS1555	E			E	2.5HO.11ML		0.25	200	99	
EDI EW1555	E			E	2.0HO.10ML		0.25	200	99	
-1										
170986 LOWNET	LN 503	352	12.5	5.0DWR	LROSEWELL, LOTHIAN		1			
172934.49	328.11/	661.53	0.0 0.3		55.842	-3.148	2			
8 9 132 0.25	0.8	0.8 B*B								3
EDI Z 172936.71	P	E037.79		S 2E	12.1HO.35M		0.25	200	9	
EDI NS1729	E			E	9.3HO.28ML		0.25	200	9	
EDI EW1729	E				EU15.8HO.29ML		0.25	200	9	
EBL Z 172936.90	P	E 38.38		S 2E					10	
EAU Z 172938.81	P	E 41.98		S 2E					19	
ESY Z 172941.52	P	2E							34	
EBH Z 172943.90	P	2E							51	
-1										
190986 LOWNET	LN 503	797	12.5	5.0DWR	LCRIANLARICH, CENTRAL		1			
13717.39	246.03/	729.36	3.0 0.3		56.431	-4.497	2			
6 29 282 0.22	11.8 24.4	D D*D A/S	22/9 06.45, 07.00 GMT	09.51 GMT						3
EAB Z 013722.60	P	EU26.72	S 2E				0.25	200	29	
ELO Z 013726.10	P	E 31.9	S 2E						49	
EBH Z 013728.8	P	E							65	
EDU Z 013733.38	P	2E 45.85	S 3E						92	
EDI Z 013734.89	P	4E 49.00	S 3E	2.0HO.09M		0.25	200	99		
EDI NS0137	E			E 1.1HO.10ML		0.25	200	99		
EDI EW0137	E			E 1.0HO.08ML		0.25	200	99		
-1										
190986 LOWNET	LN 503	972	12.5	5.0DWR	LROSEWELL, LOTHIAN		1			
1416 1.56	329.68/	662.95	2.5 0.3		55.855	-3.123	2			
6 9 116 0.09	0.2	0.4 B A*B								3
EDI Z 141603.50	P	E 04.75	S 2E	8.1HO.45M		0.25	200	9		
EDI NS1416	E			E 6.5HO.42ML		0.25	200	9		
EDI EW1416	E			E 14.8HO.29ML		0.25	200	9		
EBL Z 141603.85	P	E 05.13	S 2E						10	
EAU Z 141605.6	P	2E							21	
ESY Z 141607.6	P	2E							33	
-1										
190986 WALES				5.0	S OF CAERNARVON, GWYND		1			
144029.82	246.91/	358.10	14.5 0.6		53.098	-4.287	2			
20 9 94 0.08	0.2	0.6 B A*B								3
WCB Z 144036.19	P	2E							36	
YRH Z 144036.40	P	IIU41.00	S 2						37	
YRC Z 144034.75	P	2ED38.15	S 2						26	
YRE Z 144033.41	P	IIU							16	
WPM Z 144035.51	P	2E							31	
WLF Z 144034.22	P	3E 37.2	S 3						23	
WME Z 144035.85	P	2E 40.05	S 2						33	
YLL Z 144032.6	P	IIU							9	
WST Z 144034.73	P	2I							24	
WST EW1440					10.7HO.06ML		1.0	200	24	
WST NS1440		37.85	S 2	8.2 HO.06ML		1.0	200	24		
WVR Z 144039.34	P	2E							57	
WBR Z 144036.4	P	1ID40.06	S 4						38	
WLC Z 144036.32	P	IIU40.6	S 3						36	
WFB Z 144038.35	P	IIU43.91	S 3						49	
-1				5.0	SOUTHERN NORTH SEA		1			
190986	163110.46		4.4 3.7		53.524	2.320	2			
13 97 192 0.24	2.0	3.1 C B*D								3
AWI Z 163126.4	P	2E							97	
ABA Z 163127.96	P	2E							106	
AHE Z 163132.36	P	2E							135	
AWH Z 163132.44	P	2E 48.3	S 3E						135	
APA Z 163134.16	P	2E 51.8	S 3E						148	
MCH Z 163165.2	P	2E							397	
MCH NS1631				S	08.6HO.31ML		1.0	200	397	
MCH EW1631					11.3HO.4 ML		1.0	200	397	
EDI NS1632					7.0H1.0 ML		0.25	200	444	
EDI EW1632					6.0HO.8 ML		0.25	200	444	
EDI Z 163212.4	P	4E 56.5	4E						444	
DOU Z 163207.3	P								432	
WLFZ 163219.7	P								505	
MEM Z 163207.0	P								411	
SNF Z 163201.6	P								361	
LES Z 163157.4	P								330	
ESY Z 163208.6	P	3E 51.0	S 4E						415	
EBL Z 163210.0	P	4E 52.1	S 4E						428	
EAU Z 163213.1	P	3E							453	
EDU Z 163216.3	P	4E							479	
ELO Z 163220.4	P	4E							507	
EAB Z 163221.6	P	4E 73.3	S 4E						520	
-1										
190986 HEREFORD	HF 381			5.0 FORD	LPONTYPRIDD, M GLAMORGAN		1			
205717.53	306.62/	192.66	4.3 1.1		51.625	-3.349	2			
6 38 257 0.09	6.1	11.0 D*D								3
HGH Z 205724.40	P	1EU							38	
MCH Z 205725.89	P	1ED32.31	S 2						48	
MCH NS2057					6.6HO.21ML		0.25	200	48	
MCH EW2057					8.6HO.22ML		0.25	200	48	
HTR Z 205726.33	P	2E 33.12	S 2						51	
HCG Z 205731.29	P	2E							81	
-1										

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220986	HERFORD	HF 381			5.0 FORD	LPONTYRIDD,M	GLAMORGAN	1
	25018.02	306.11/ 187.15	5.0 1.3		51.575	-3.355		2
7 39	266 0.09	2.3 5.8 D C*D						3
HGH Z	025025.04	P 1EU						39
MCH Z	025027.16	P 1EU34.00	S 2					53
MCH NS0250				13.0HO.12ML	0.25	200		53
MCH EW0250				12.9HO.16ML	0.25	200		53
HTR Z	025027.80	P 2EO						56
HAE Z	025031.32	P 3E						76
HCG Z	025032.78	P 3E 42.87	2					86
	-1							
220986				5.0	NORTH SEA			1
	223629.35		18.9 1.2		59.700	2.210		2
15180	173 0.77	6.1 14.9 D D*D						3
LRW Z	223657.25	P 1 73.50	S 4					196
LRW NS2236				4.0 HO.06ML	0.25	200		196
LRW EW2236				4.0 HO.06ML	0.25	200		196
SAN Z	223658.35	P 1 73.60	S 4					196
YEL Z	223659.60	P 1 81.80	S 3					206
SUE Z	223659.10	P 1 84.0	S 3					207
HYA Z	223667.0	P 1 97.5	S 3					273
KMY Z	223657.0	P 1 74.2	S 3					180
ODD Z	223663.3	P 1 91.8	S 3					252
ASK Z	223655.7	P 1 77.8	S 3					188
FRO Z	2237	37.5	S 3					272
	-1							
240986N	WALES			5.0	E OF LAKE	BALA, GWYNEDD	1	
	22931.64	300.17/ 333.45	13.2 0.6		52.889	-3.484		2
12 13	142 0.06	0.4 0.6 B A*C						3
WST Z	022938.00	P 4						35
WST NS0229			42.13	S 2	15.0HO.12ML	0.25	200	35
WST EW0229					7.1 HO.06ML	0.25	200	35
WVR Z	022934.8	P 1IU36.85	S 2					13
WBR Z	022936.82	P 2E 40.37	S 3					28
WLC Z	022936.18	P 1ID39.17	S 2					23
YRE Z	022942.32	P 3 49.52	S 3					64
SBD Z	022935.05	P 1IU37.3	S 2					15
YRH Z	022944.46	P 2E						77
	-1							
240986	LOWNET	LN 504 0005		12.5	5.0DWR	LROSEWELL, LOTHIAN	1	
	35224.87	330.03/ 663.49	2.5 0.3		55.860	-3.118		2
7 8	111 0.06	0.3 0.5 B A*B						3
EDI Z	035226.80	P ED28.01	S 2ED	9.8HO.32M	0.25	200		8
EDI NS0352			ED	9.2HO.26ML	0.25	200		8
EDI EW0352			EU	EU14.0HO.29ML	0.25	200		8
EBL Z	035227.22	P ED28.69	S 2EU					11
EAU Z	035228.90	P EU31.90	S 2E					21
ESY Z	035230.79	P 1E						32
	-1							
240986				5.0	N.W. SHETLAND			1
	1550 4.83	295.93/1308.61	5.0 2.2		61.645	-3.964		2
4198	347 0.35	D C*D						3
LRW Z	155037.80	P						226
LRW NS1550				8.0 HO.22ML	0.25	200		226
LRW EW1550				10.0HO.16ML	0.25	200		226
SAN Z	155039.80	P						234
WAL Z	155035.80	P						200
YEL Z	155035.20	P						198
	-1							
250986	LOWNET	LN 504 626		12.5	5.0DWR	LROSEWELL, LOTHIAN	1	
	12 2 9.89	328.92/ 662.45	0.0 0.3		55.850	-3.135		2
6 9	167 0.10	3.1 3.0 C C*C						3
EDI Z	120212.19	P EU13.49	S 2E	10.5HO.31M	0.25	200		9
EDI NS1202			E	6.0HO.8 ML	0.25	200		9
EDI EW1202			E	5.8HO.5 ML	0.25	200		9
EBL Z	120212.51	P E 14.25	S 2E					10
EAU Z	120214.23	P E 17.28	S 3E					20
	-1							
270986	LOWNET	LN 504 1197		12.5	5.0DWR	LROSEWELL, LOTHIAN	1	
	516 5.27	328.96/ 662.37	0.3 1.6		55.849	-3.135		2
11 9	98 0.08	0.3 0.2 B A*B						3
EDI Z	051607.51	P ID09.01	S 1IU	5.0HO.21M	10.0	200		9
EDI NS0516			IU	5.3HO.26M	10.0	200		9
EDI EW0516			IU	5.6HO.28M	10.0	200		9
EBL Z	051607.88	P ID09.49	S 2EU					10
EAU Z	051609.61	P ID12.56	S 2E					20
ESY Z	051611.82	P 1EU16.6	S 3E					33
EBH Z	051614.73	P ID21.47	S 2E					50
ESK Z	051616.19	P ED23.17	S 2ED	4.8H1.0 M	0.25	200		60
ESK NS0516			EU	5.1H1.0 ML	0.25	200		60
ESK EW0516			E	7.8HO.32ML	0.25	200		60
ECK Z	051618.79	P EU27.41	S 2E					74
ELO Z	051619.18	P 1E 27.9	S 3E					78
EDU Z	051619.21	P 1ED29.2	S 3E					78
EAB Z	051620.01	P 1E						84
	-1							
270986	LOWNET	LN 504 1210		12.5	5.0DWR	LROSEWELL, LOTHIAN	1	
	614 8.37	328.72/ 662.35	0.0 1.1		55.849	-3.139		2
9 9	124 0.19	0.8 0.8 B B*B						3
EDI Z	061410.58	P IU12.09	S 2E	12.0HO.35M	1.0	200		9
EDI NS0614			IU	10.5HO.6 ML	1.0	200		9
EDI EW0614			IU	9.4HO.5 ML	1.0	200		9

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EBL Z 061411.10	P	ID12.51	S 2E				10
EAU Z 061412.79	P	EU15.58	S 2E				20
ESY Z 061414.83	P	IE 20.28	S 3E				34
EBH Z 061417.88	P	IE 23.8	S 3E				50
EDU Z 061422.40	P	2E					78
-1							
280986 LOWNET	LN 504	1631	12.5	5.0DWR	LOBAN, STRATHCLYDE	1	
12 61 238 0.18	180.51/	727.24	9.5 1.7	2+	56.386 -5.556	2	
EAB Z 124128.05	2.1	2.5 C B*D FELT ON ISLE OF KERRERA; OBAN FORESHOCK					3
KPL Z 124132.7	P	PE 37.41	S 2E	13.7H0.18M	0.25 200	79	
KPL NS1241	P	2E 45.3	S 2E				106
KPL EW1241				10.0H0.2 ML	0.25 200	106	
KAR Z 124125.3	P	E 32.7	S 2E	14.0H0.28ML	0.25 200	106	
KSB Z 124130.4	P	2E					92
ELO Z 124133.71	P	E 47.07	S 2E				114
KAC Z 124135.9	P	2E 51.2	S 2E				125
EBH Z 124136.38	P	E 50.82	S 2E				128
EAU Z 124137.91	P	IE 54.7	S 3E				144
EDI Z 124140.70	P	2E 58.2	S 3E	3.0H0.20M	0.25 200	156	
EDI NS1241		E	E	5.1H0.21ML	0.25 200	156	
EDI EW1241		E	E	4.0H0.21ML	0.25 200	156	
EDU Z 124141.12	P	IE 59.5	S 3E				158
-1							
280986 LOWNET	LN 504	1649	12.5	5.0DWR	LOBAN, STRATHCLYDE	1	
135748.52	181.78/	721.06	10.0 1.0	2+	56.332 -5.530	2	
5 75 340 0.25	2.0	1.5 C B*D FELT ON ISLE OF KERRERA; OBAN FORESHOCK					3
EAB Z 135800.9	P	PE 10.2	S 2E	4.5H0.18M	0.25 200	75	
ELO Z 135806.8	P	2E 20.3	S 2E				113
EBH Z 135809.3	P	2E					126
EDI Z 135815.0	P	2E 32.4	S 3E	1.2H0.10M	0.25 200	153	
EDI NS1358		E	E	1.9H0.18ML	0.25 200	153	
EDI EW1358		E	E	1.6H0.11ML	0.25 200	153	
EDU Z 135816.2	P	1E					157
-1							
280986	181859.64	464.69/ 405.64	5.0 2.1	5.0	DONCASTER, SOUTH YORKS	1	
7165 327 0.22	7.4	7.0 0 D*D		53.543 -1.024		2	
SBD Z 181925.81	P	2E 45.02	S 2				165
HLM Z 181925.96	P	1E					169
HAE Z 181929.80	P	2E					197
MCH Z 181932.65	P	IE 56.33	S 2				218
MCH NS1819				10.4H0.15ML	0.25 200	218	
MCH EW1819				11.6H0.26ML	0.25 200	218	
HTR Z 181933.60	P	2E					223
XAL Z 181929.52	P	4E 47.42	S 4E				166
XOE Z 181932.74	P	4E 54.04	S 4E				194
ECK Z 181941.67	P	4E					228
ESK Z 181943.40	P	4E 68.23	S 4E				243
ESK NS1819		E	E	2.3H0.31ML	0.25 200	243	
ESK EW1819		E	E	2.1H0.28ML	0.25 200	243	
-1							
290986 UKNET	LN 504	1809	25.0	5.0DWR/GF	LOBAN, STRATHCLYDE	1	
13336.18	184.37/	734.89	22.4 4.2	5	56.457 -5.500	2	
17 78 247 0.18	1.8	2.2 C B*D FELT OBAN: 4-5MSK		FELT AREA: 30,000 SQ KM3			
EAB Z 013349.29	P	IU57.19	S 4E0		10.0 200	78	
PMS Z 013349.78	P	IU59.62	S 3E0				83
PGB Z 013351.50	P	IU62.82	S 2E0				96
PCO Z 013352.34	P	IU64.30	S 3E				102
PCA Z 013353.80	P	IU67.00	S 3E				115
ELO Z 013353.82	P	IU67.52	S 4E0				110
EBH Z 013355.40	P	IU69.20	S 4E0				125
EAU Z 013358.06	P	IU76.30	S 4E0				144
EDU Z 013359.39	P	2E079.28	S 4E				153
EDI Z 013359.52	P	IU78.60	S 4E	4.0H0.28M	10.0 200	155	
EBL Z 013400.72	P	3E 22.68	S 4E0	4.2H0.18M	10.0 200	171	
HPK EW0134		EU		EU16.4H0.20ML	2.5 200	372	
M00 Z 013357.20	P	2E 71.00	S 2E				130
MVH Z 013402.34	P	1EU21.68	S 3E0				182
MME Z 013402.57	P	1E022.65	S 3E0				182
MCD Z 013403.12	P	ID23.31	S 2E0	9.4H0.30M	0.25 4	185	
MLA Z 013409.61	P	1EU35.81	S 3E				243
LRW Z 013439.19	P	3E 87.38	S 3E0	6.3H0.37M	1.0 200	482	
LRW NS0134		E	E	8.3H0.48ML	1.0 200	482	
LRW EW0134		E	E	8.4H0.49ML	1.0 200	482	
HPK Z 013426.91	P	4EU63.83	S 4E	5.3H0.38M	2.5 200	372	
HPK NS0134		ED		ID16.0H0.22ML	2.5 200	372	
-1							
290986 PAISLEY	PA 124	1502	12.5	5.0DWR	LOBAN, STRATHCLYDE	1	
13845.98	179.27/	736.47	10.0 0.7	2+	56.469 -5.584	2	
5 87 337 0.11	1.2	31.4 D C*D OBAN AFTERSHOCK, FELT		KILMORE, OBAN			3
PMS Z 013900.4	P	E 10.8	S 2E	1.5H0.11M	0.25 200	87	
PGB Z 013902.2	P	E 14.0	S 2E	1.5H0.11M	0.25 200	101	
PGB NS0139		E	E	2.4H0.11ML	0.25 200	101	
PGB EW0139		E	E	1.7H0.11ML	0.25 200	101	
PCO Z 013903.4	P	E	2E				
-1							
290986 LOWNET	LN 504	1812	12.5	5.0DWR	LOBAN, STRATHCLYDE	1	
14841.38	183.42/	730.53	6.0 1.2	2+	56.417 -5.512	2	
11 77 304 0.15	5.9	12.5 D 0*D OBAN AFTERSHOCK, FELT		OBAN, KILMORE, LISMORE			3
EAB Z 014854.31	P	ED63.11	S 2E	9.7H0.14M	0.25 200	77	
PMS Z 014854.69	P	IU64.55	S 2E	12.5H0.18M	0.25 200	80	

Table 5 (cont'd)

PHASE DATA : 1986

PGB Z 014856.72	P	EU67.90	S 2E	2.5HO.20M	0.25	200	93
PGB NS0148	E		E	6.7HO.18ML	0.25	200	93
PGB EW0148	E		EU	5.6HO.20ML	0.25	200	93
PCO Z 014857.79	P	EU69.90	S 2E				100
ELO Z 014859.40	P	1E 73.03	S 2E				111
EBH Z 014902.02	P	EU17.4	S 3E				126
EDU Z 014906.02	P	1E 24.12	S 3E				155
EDI Z 014907.00	P	4E 25.5	S 3E				155
EDI NS0149	E		E	1.5HO.16ML	0.25	200	155
EDI EW0149	E		E	1.1HO.14ML	0.25	200	155
-1							
290986 PAISLEY	PA	124 1505	12.5	5.00DWR	LOBAN, STRATHCLYDE		1
15123.38	189.18/	733.84	10.0 0.8		56.450 -5.421		2
6 79 334 0.08	5.3143.3	D 0*D	OBAN AFTERSHOCK; SMALL	A/S 02:10 GMT (0.3ML)			3
PMS Z 015136.6	P	E 46.1	S 2E	1.5HO.13M	0.25	200	79
PGB Z 015138.4	P	E 49.7	S 2E	2.0HO.11M	0.25	200	92
PGB NS0151	E		E	2.8HO.10ML	0.25	200	92
PGB EW0151	E		E	2.7HO.10ML	0.25	200	92
PCO Z 015139.3	P	E 50.8	S 2E				97
-1							
290986 LOWNET	LN	504 1818	12.5	5.00DWR	LOBAN, STRATHCLYDE		1
21625.40	182.06/	729.15	10.0 0.8		56.404 -5.533		2
11 78 305 0.41	4.3	7.1 D C*D	OBAN AFTERSHOCK				3
EAB Z 021638.27	P	E 48.22	S 2E	2.0HO.10M	0.25	200	78
PMS Z 021638.62	P	EU48.28	S 2E	3.3HO.16M	0.25	200	79
PGB Z 021640.8	P	1E 51.6	S 2E				93
PGB NS0216	E		E	2.2HO.18ML	0.25	200	93
PGB EW0216	E		E	1.6HO.16ML	0.25	200	93
PCO Z 021641.8	P	2E 53.1	S 2E				100
ELO Z 021640.4	P	1E 57.3	S 2E				113
EBH Z 021646.0	P	2E					127
-1							
290986 LOWNET	LN	504 1823	12.5	5.00DWR	LOBAN, STRATHCLYDE		1
242 3.04	179.49/	731.98	14.9 0.8		2+ 56.428 -5.576		2
9 81 306 0.18	2.6	2.2 D C*D	OBAN AFTERSHOCK, FELT	OBAN			3
EAB Z 024216.4	P	E 26.5	S 2E		0.25	200	81
PMS Z 024216.75	P	EU26.7	S 2E				83
PGB Z 024219.1	P	1E 30.0	S 3E				97
PGB NS0242	E		E	2.3HO.14ML	0.25	200	97
PGB EW0242	E		E	2.0HO.11ML	0.25	200	97
PCO Z 024220.0	P	2E					104
ELO Z 024220.8	P	3E 34.6	S 3E				115
-1							
300986 LOWNET	LN	505 282	12.5	5.00DWR	LROSEWELL, LOTHIAN		1
357 9.78	328.98/	662.87	1.2 0.3		55.854 -3.135		2
7 8 119 0.18	1.6	1.9 B B*B					3
EDI Z 035711.95	P	E013.19	S 2E	11.6HO.39M	0.25	200	8
EDI NS0357	ED		EU	9.0HO.28ML	0.25	200	8
EDI EW0357	EU		EU	16.1HO.28ML	0.25	200	8
EBL Z 035712.22	P	E 13.52	S 2E				11
EAU Z 035714.01	P	EU16.79	S 3E				20
ESY Z 035716.31	P	2E					33
-1							
300986 LOWNET	LN	505 368	12.5	5.00DWR	LROSEWELL, LOTHIAN		1
101228.85	330.18/	663.28	6.6 0.8		55.858 -3.116		2
7 9 112 0.09	0.7	0.8 B A*B					3
EDI Z 101230.95	P	ID32.47	S 2E	9.9HO.20M	1.0	200	9
EDI NS1012	ID		IU	8.9HO.26ML	1.0	200	9
EDI EW1012	EU		IU	14.9HO.21ML	1.0	200	9
EBL Z 101231.38	P	ED32.86	S 2ED				10
EAU Z 101233.05	P	E035.79	S 2EU				21
ESY Z 101234.70	P	E					32
-1							
011086 LOWNET	LN	505 803	12.5	5.00DWR	LROSEWELL, LOTHIAN		1
173740.43	329.63/	662.12	2.6 0.8		55.847 -3.124		2
9 9 121 0.05	0.2	1.3 B A*B					3
EDI Z 173742.39	P	E043.89	S 2E	10.0HO.28M	1.0	200	9
EDI NS1737	ED		EU	5.0HO.8 ML	1.0	200	9
EDI EW1737	EU		E	5.0HO.5 ML	1.0	200	9
EBL Z 173742.53	P	ED44.00	S 2EU				10
EAU Z 173744.45	P	E 47.30	S 2E				21
ESY Z 173746.49	P	ED50.4	S 3E				33
EBH Z 173749.62	P	EU56.0	S 3E				51
-1							
031086 LOWNET	LN	505 1279	12.5	5.00DWR	LROSEWELL, LOTHIAN		1
34913.60	330.02/	663.34	2.3 0.4		55.858 -3.118		2
8 8 112 0.13	0.7	1.2 B A*B					3
EDI Z 034915.60	P	ID16.84	S 2ED	12.1HO.32M	0.25	200	8
EDI NS0349	ID		ED	12.2HO.28ML	0.25	200	8
EDI EW0349	E		EU	18.4HO.28ML	0.25	200	8
EBL Z 034916.05	P	ED17.50	S 2E				11
EAU Z 034917.5	P	1E 20.8	S 3E				21
ESY Z 034919.5	P	1E					32
EBH Z 034922.8	P	1E					50
-1							
031086 LOWNET	LN	505 1281	12.5	5.00DWR	LKIRKCALDY, FIFE		1
413 6.11	331.81/	689.42	2.6 0.0		56.093 -3.096		2
6 20 179 0.07	0.7127.5	C C*C OFFSHORE					3
EDI Z 041309.91	P	ID12.52	S 2E	6.6HO.17M	0.25	200	20
EDI NS0413	IU		E	7.8HO.18ML	0.25	200	20
EDI EW0413	IU		E	3.0HO.20ML	0.25	200	20
EBH Z 041311.76	P	ID16.02	S 2EU				31

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ESY Z 041312.63	P ED							36
EBL Z 041312.80	P ID18.92		S 2E					36
-1								
031086 LOWNET	LN 505	1359	12.5	5.00DWR	LLOCHGOILHEAD,S/CLYDE	1		
95725.75	221.20/	707.30	2.0 0.3	56.225	-4.884	2		
6 34 332 0.17	19.2 14.8	D*D				3		
EAB Z 095731.9	P E	36.8	S 2E	2.7H0.09ML	0.25 200	34		
ELO Z 095739.0	P E	48.8	S 2E	1.1H0.10ML	0.25 200	78		
EBH Z 095740.7	P E	50.8	S 2E	3.0H0.09ML	0.25 200	86		
-1								
031086 LOWNET	LN 505	1369	12.5	5.00DWR	LOBAN,STRATHCLYDE	1		
104129.95	184.63/	725.30	7.2 1.1	56.371	-5.488	2		
5 74 338 0.11	84.0186.1	D*D	OBAN AFTERSHOCK			3		
EAB Z 104142.32	P EU	51.15	S 2E		0.25 200	74		
ELO Z 104147.81	P EU	61.09	S 2E			110		
EBH Z 104150.16	P EU	65.8	S 3E			123		
EDI Z 104151.8	P E	69.8	S 3E	4.1H0.12M	0.25 200	152		
EDI NS1041	E		E	2.1H0.12ML	0.25 200	152		
EDI EW1041	E		E	2.8H0.10ML	0.25 200	152		
EDU Z 104153.9	P 3E					154		
-1								
031086 HEREFORD	HF 383			5.0 FORD	LGARWAY,HEREFORD & WOR	1		
15 353.80	346.43/	223.25	15.1 1.3	51.905	-2.779	2		
7 18 137 0.05	0.5	1.6 B A*C				3		
MCH Z 150358.05	P IU	60.88	S 2			18		
MCH NS1503				3.4H0.12ML	10.0 200	18		
MCH EW1503				6.4H0.09ML	10.0 200	18		
HAE Z 150358.36	P IU					22		
HGH Z 150359.49	P ID					30		
HTR Z 150360.75	P IU					39		
HLM Z 150365.08	P 1E	73.26	S 2			69		
HCG Z 150366.73	P 3E					76		
SBD Z 150372.87	P 2E					116		
-1								
041086 LOWNET	LN 505	1643	12.5	5.00DWR	LKIRKCALDY,FIFE	1		
63345.72	332.21/	689.76	0.1-0.3	56.096	-3.090	2		
9 20 181 0.10	0.6	0.9 C A*D OFFSHORE				3		
EDI Z 063350.00	P ID	52.8	S 3E	5.3H0.19M	0.25 200	20		
EDI NS0633	EU		E	2.4H0.24ML	0.25 200	20		
EDI EW0633	E		E	1.7H0.22ML	0.25 200	20		
EBH Z 063351.82	P EU	56.51	S 2E			31		
ESY Z 063352.71	P E	57.5	S 3E			36		
EAU Z 063352.69	P 1EU					36		
EBL Z 063352.90	P E	58.0	S 3E			36		
-1								
041086 LOWNET	LN 505	1882	12.5	5.00DWR	LCOMRIE,TAYSIDE	1		
235951.11	277.29/	723.07	2.5 1.0	2+ 56.384	-3.988	2		
10 20 195 0.24	1.5	3.4 C B*D FELT COMRIE				3		
ELO Z 235954.99	P IU	57.19	S 2E	4.7H0.09M	1.0 200	20		
EAB Z 235956.88	P EU	60.67	S 2E	6.2H0.11M	1.0 200	31		
EBH Z 235957.55	P IU	61.41	S 2E	16.2H0.11M	1.0 200	33		
EDU Z 235962.10	P EU	69.62	S 2E			63		
EAU Z 235963.17	P 1EU	70.11	S 3E			69		
EDI Z 235963.53	P 3E	70.97	S 3E	4.4H0.10M	0.25 200	72		
EDI NS2359	E		E	6.4H0.10ML	0.25 200	72		
EDI EW2359	E		E	6.1H0.11ML	0.25 200	72		
-1								
051086 LOWNET	LN 505	1893	12.5	5.00DWR	LROSEWELL,LOTHIAN	1		
04749.62	328.67/	662.37	0.0-0.2	55.849	-3.139	2		
6 9 164 0.14	4.2	4.2 C C*C				3		
EDI Z 004751.87	P E	53.21	S 2E	6.4H0.25M	0.25 200	9		
EDI NS0047	E		E	5.0H0.20ML	0.25 200	9		
EDI EW0047	E		E	3.8H0.28ML	0.25 200	9		
EBL Z 004752.21	P ED	54.00	S 2ED			10		
EAU Z 004754.09	P E	56.79	S 2E			20		
-1								
051086 LOWNET	LN 505	1937	12.5	5.00DWR	LCRIANLARICH,CENTRAL	1		
35947.70	246.42/	736.52	1.5 0.6	56.496	-4.495	2		
7 36 289 0.98202.6152.7	D D*D					3		
EAB Z 035954.4	P E	58.6	S 2E	2.0H0.09M	0.25 200	36		
ELO Z 035955.4	P 2E	61.9	S 2E	1.4H0.11M	0.25 200	48		
EBH Z 035960.6	P E	70.1	S 2E	1.3H0.10M	0.25 200	67		
EAU Z 035962.8	P 1E					97		
EDI Z 035964.5	P 4E	79.6	S 3E	2.3H0.11ML	0.25 200	103		
EDI NS0359	E		E	1.2H0.11ML	0.25 200	103		
EDI EW0359	E		E			103		
-1								
061086 HEREFORD	HF 383			5.0 FORD	LLYWEL,POWYS	1		
44549.00	288.40/	232.88	21.4 0.9	51.983	-3.625	2		
6 27 233 0.01	0.2	0.3 C A*D				3		
HTR Z 044554.66	P 1ID	58.82	S 2			27		
HCG Z 044556.14	P 1EU					38		
MCH Z 044556.86	P 3E	62.60	S 2			43		
MCH NS0445				7.1H0.08ML	1.0 200	43		
MCH EW0445				8.0H0.10ML	0.25 200	43		
HGH Z 044560.44	P 2E					68		
-1								
071086 JERSEY				5.0	ST.PETER'S CH.,JERSEY	1		
94945.48	387.80/	-75.45	0.6	49.221	-2.168	2		
5 3 161 0.06	0.3	3.7 C B*D				3		
JLP Z 094946.80	P 2							
JSA Z 094946.50	P 2	47.00	S 2					

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JVM Z 094946.20	P 2
JRS Z 094947.10	P 2
-1	
081086 LOWNET LN 506 630	12.5 5.00WR LROSEWELL,LOTHIAN
755 0.09 330.00/ 663.05	0.2 0.4 55.856 -3.118 1
6 9 182 0.05 5.7 4.5 D D*D	2
EDI Z 075502.32 P 1E 03.7	S 2EU19.3H0.35M 0.25 200 9
EDI NS0755 E	EU20.3H0.23ML 0.25 200 9
EDI EW0755 E	EU15.4H0.21ML 0.25 200 9
EBL Z 075502.69 P E 04.5	S 2ED 10
EAU Z 075504.59 P E 07.8	S 2ED 21
-1	
081086 LOWNET LN 506 743	12.5 5.00WR LROSEWELL,LOTHIAN
16 654.09 328.77/ 662.25	0.4 1.8 4+ 55.848 -3.138 1
11 9 97 0.10 0.2 0.2 B A*B FELT ROSEWELL UNDERGROUND AT 329.0/663.0,ROS LIN3	2
EDI Z 160656.27 P ID57.79	S 1IU 3.9H0.9 M 10.0 200 9
EDI NS1606 ID	EU 4.4H0.8 ML 10.0 200 9
EDI EW1606 IU	IU 3.8H0.5 ML 10.0 200 9
EBL Z 160656.62 P ID58.59	S 1IU 10
EAU Z 160658.31 P ID61.60	S 2EU 20
ESY Z 160660.60 P ED65.63	S 2ED 34
EBH Z 160663.48 P ED70.11	S 2ED 50
ESK Z 160664.74 P E 71.85	S 2EU14.7H1.0 M 0.25 200 59
ESK NS1606 E	EU10.5H1.0 ML 0.25 200 59
ESK EW1606 E	E 6.0H1.0 ML 0.25 200 59
ECK Z 160667.54 P ED76.56	S 2E 74
EDU Z 160668.01 P 1EU	78
ELO Z 160668.10 P 1E	78
EAB Z 160668.81 P 1E	84
-1	
081086 LOWNET LN 506 751	12.5 5.00WR LROSEWELL,LOTHIAN
1645 5.35 328.73/ 662.26	0.1 0.9 55.848 -3.138 1
9 9 124 0.10 0.4 0.4 B A*B	2
EDI Z 164507.52 P EU09.12	S 2E 10.1H0.20M 1.0 200 9
EDI NS1645 EU	E 9.8H0.22ML 1.0 200 9
EDI EW1645 ED	EU13.0H0.28ML 1.0 200 9
EBL Z 164508.00 P 1E 09.59	S 2EU 10
EAU Z 164509.72 P ID12.60	S 2EU 20
ESY Z 164511.98 P 1ED	34
EBH Z 164514.70 P 1ED21.72	S 2ED 50
-1	
091086 LOWNET LN 507 61	12.5 5.00WR LROSEWELL,LOTHIAN
125527.35 329.30/ 662.60	0.2 2.8 4+ 55.851 -3.129 1
11 9 101 0.07 0.2 0.2 B A*B FELT ROSEWELL,BONNYRIGG, ROSLIN,LITTLE FRANCE? 3	2
EDI Z 125529.55 P ID31.12	S 2IU26.6H0.24M 0.25 4 9
EBL Z 125529.89 P ID31.74	S 1IU 10
EAU Z 125531.65 P ID34.99	S 2EU 20
ESY Z 125533.92 P ID38.43	S 3E 33
EBH Z 125536.64 P 1EU43.51	S 2ED 50
ESK Z 125538.24 P ID45.12	S 3EU21.1H1.0 M 1.0 200 60
ESK NS1255 IU	EU22.3H1.0 ML 1.0 200 60
ESK EW1255 E	EU21.2H0.32ML 1.0 200 60
ECK Z 125540.91 P ID49.68	S 3ED 75
EDU Z 125541.33 P 1EU	78
ELO Z 125541.69 P 3ED	78
EAB Z 125542.06 P 3ED	84
MCH Z 125628.0 P E	429
MCH NS1256	2.5H0.3 ML 0.25 200 429
MCH EW1256	3.0H0.4 ML 0.25 200 429
-1	
091086 LOWNET LN 507 65	12.5 5.00WR LROSEWELL,LOTHIAN
131523.45 328.20/ 662.61	2.3 0.4 55.851 -3.147 1
7 8 160 0.12 0.9 1.1 B A*C	2
EDI Z 131525.30 P ED26.80	S 2EU12.5H0.21M 0.25 200 8
EDI NS1315 ED	EU11.7H0.28ML 0.25 200 8
EDI EW1315 EU	IU17.6H0.29ML 0.25 200 8
EBL Z 131525.77 P E 27.51	S 2ED 11
EAU Z 131527.41 P ID29.50	S 2E 19
EBH Z 131532.58 P 2E	50
-1	
091086 LOWNET LN 507 83	12.5 5.00WR LGLEN COE,HIGHLAND
143541.37 212.75/ 757.81	4.7 1.2 56.675 -5.057 1
8 70 316 0.15 16.8 35.7 D D*D	2
EAB Z 143553.20 P E 61.97	S 2ED 6.7H0.17ML 0.25 200 70
ELO Z 143555.48 P ED66.10	S 2E 6.0H0.11ML 0.25 200 86
EBH Z 143559.09 P EU71.4	S 3E 5.6H0.11ML 0.25 200 107
EDU Z 143602.40 P 2EU17.3	S 3E 126
-1	
091086 LOWNET LN 507 138	12.5 5.00WR LROSEWELL,LOTHIAN
181352.49 329.04/ 662.54	0.6 1.8 3+ 55.851 -3.134 1
10 9 99 0.06 0.3 0.4 B A*B FELT ROSLIN,LASSWADE	2
EDI Z 181354.67 P ID56.19	S 1EU 3.5H0.6 M 10.0 200 9
EDI NS1813 ID	EU 4.8H0.7 ML 10.0 200 9
EDI EW1813 IU	IU 5.0H0.5 ML 10.0 200 9
EBL Z 181355.06 P ED56.68	S 3E 10
EAU Z 181356.77 P ID59.75	S 2EU 20
ESY Z 181358.96 P 1EU	33
EBH Z 181401.91 P ED08.68	S 3EU 50
ESK Z 181403.23 P 2E 09.70	S 3E 11.2H1.0 M 0.25 200 60
ESK NS1814 E	EU 9.8H1.0 ML 0.25 200 60
ESK EW1814 E	E 6.5H0.8 ML 0.25 200 60
ECK Z 181405.80 P 2E 14.71	S 3E 75

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ELO Z 181406.17	P 2E							78
EDU Z 181406.48	P 2EU							78
EAB Z 181407.22	P 2E							84
-1								
101086 LOWNET	LN 507	498	12.5	5.0DWR	LROSEWELL, LOTHIAN	1		
2019 8.46	328.93/	663.61	2.5 0.9		55.860 -3.136		2	
9 8 116 0.09	0.4	0.6 B A*B					3	
EDI Z 201910.20	P ID11.52		S 2E 7.7H0.70M		1.0 200		8	
EDI NS2019	ID		E 7.3H0.70ML		1.0 200		8	
EDI EW2019	IU		EU10.0H0.22ML		1.0 200		8	
EBL Z 201910.75	P IU12.69		S 2EU				11	
EAU Z 201912.40	P I015.05		S 2E				20	
ESY Z 201914.6	P 2E 18.9		S 3E				33	
EBH Z 201917.45	P 1ED						49	
EDU Z 201921.7	P 2E						77	
-1								
111086 LOWNET	LN 507	858	12.5	5.0DWR	LROSEWELL, LOTHIAN	1		
221143.79	329.14/	663.43	2.4 0.4		55.859 -3.132		2	
8 8 116 0.08	0.5	0.8 B A*B					3	
EDI Z 221145.58	P ED47.01		S 2E 15.7H0.21M		0.25 200		8	
EDI NS2211	ID		EU13.3H0.24ML		0.25 200		8	
EDI EW2211	IU		IU20.0H0.29ML		0.25 200		8	
EBL Z 221146.25	P 1E 47.79		S 2E				11	
EAU Z 221147.65	P I050.6		S 3E				20	
ESY Z 221149.81	P 2E						33	
EBH Z 221152.88	P 2E						49	
-1								
131086 JERSEY				5.0	N OF RONEZ PNT. JERSEY1			
162641.21	389.05/	-70.47	1.5		49.266 -2.150		2	
5 4 270 0.08	2.3	0.6 C B*D					3	
JLP Z 162642.30	P 2							
JSA Z 162643.20	P 2	45.00	S 2					
JVM Z 162643.00	P 2							
JRS Z 162643.50	P 2							
-1								
141086 LOWNET	LN 508	87	12.5	5.0DWR	LROSEWELL, LOTHIAN	1		
194734.45	329.11/	662.60	0.6 1.0		55.851 -3.133		2	
10 9 120 0.11	0.5	0.6 B A*B					3	
EDI Z 194736.61	P I038.10		S 2IU12.7H0.21M		1.0 200		9	
EDI NS1947	ID		ED11.9H0.23ML		1.0 200		9	
EDI EW1947	IU		IU16.4H0.29ML		1.0 200		9	
EBL Z 194737.11	P 1E 38.52		S 2ED				10	
EAU Z 194738.71	P I041.72		S 2EO				20	
ESY Z 194740.90	P 2E 45.7		S 3E				33	
EBH Z 194743.89	P E050.4		S 3E				50	
-1								
151086 LOWNET	LN 508	191	12.5	5.0DWR	LROSEWELL, LOTHIAN	1		
31441.73	328.92/	662.12	0.3 1.2		55.847 -3.135		2	
10 9 124 0.09	0.3	0.3 B A*B					3	
EDI Z 031444.00	P I045.50		S 2EU 8.4H0.22M		2.5 200		9	
EDI NS0314	ID		EU 7.1H0.23ML		2.5 200		9	
EDI EW0314	IU		IU10.4H0.29ML		2.5 200		9	
EBL Z 031444.31	P EU45.91		S 2EU				10	
EAU Z 031446.10	P I048.99		S 2EU				20	
ESY Z 031448.30	P IU53.08		S 2E				34	
EBH Z 031451.20	P I057.9		S 3E				50	
ELO Z 031455.70	P 2E						78	
EDU Z 031455.72	P 2E						78	
-1								
151086 LOWNET	LN 508	259	12.5	5.0DWR	LBANNISDALE, CUMBRIA	1		
81032.69	351.96/	503.61	1.0 1.9		54.426 -2.740		2	
16 49 245 0.52	3.8	3.0 D D*D NORTH OF KENDAL (~10KM)					3	
XDE Z 081042.05	P ED47.39		S 3E		1.0 200		49	
XAL Z 081042.57	P EU48.6		S 3E				59	
ECK Z 081048.26	P EU59.10		S 2ED				88	
ESK Z 081050.64	P ED63.25		S 2E 4.8H0.12M		1.0 200		104	
ESK NS0810	ED		EU 8.1H0.11ML		1.0 200		104	
ESK EW0810	ED		E 8.0H0.15ML		1.0 200		104	
XSD Z 081052.90	P EU67.78		S 2E				123	
EBL Z 081056.90	P EU76.40		S 2E				151	
ESY Z 081058.42	P E 79.71		S 2EU				166	
EAU Z 081058.72	P 1E 79.89		S 3E				164	
EDI Z 081059.3	P 4E 80.18		S 3E 5.0H0.11M		0.25 200		169	
EDI NS0810	E		E 9.7H0.12ML		0.25 200		169	
EDI EW0810	E		E 6.2H0.15ML		0.25 200		169	
-1								
151086 LOWNET	LN 508	322	12.5	5.0DWR	LBEN NEVIS, HIGHLAND	1		
1240 4.46	218.68/	774.15	5.0 1.1		56.824 -4.972		2	
9 81 313 0.32	6.8	11.6 D D*D					3	
EAB Z 124018.15	P E 27.51		S 2EU 2.8H0.12M		0.25 200		81	
ELO Z 124018.60	P EU28.7		S 3E 3.7H0.12M		0.25 200		87	
EBH Z 124022.68	P EU36.2		S 3E 3.0H0.18M		0.25 200		111	
EDU Z 124024.68	P 2E 39.8		S 3E				124	
EDI Z 124025.4	P 4E 46.5		S 3E 2.5H0.12M		0.25 200		149	
EDI NS1240	E		E 2.6H0.11ML		0.25 200		149	
EDI EW1240	E		E 3.0H0.12ML		0.25 200		149	
-1								
151086 LOWNET	LN 508	456	12.5	5.0DWR	ROSEWELL, LOTHIAN	1		
2223 1.28	329.94/	663.84	5.4 0.3		55.863 -3.119		2	
7 8 184 0.02	0.2	0.3 C A*D					3	
EDI Z 222303.22	P I004.59		S 2E 4.3H0.20M		1.0 200		8	
EDI NS2223	ID		E 3.4H0.22ML		1.0 200		8	

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EDI EW2223		EU		EU	5.0H0.19ML	1.0	200	8
EBL Z 222303.69	P E 05.45	S 2E						11
EAU Z 222305.32	P I008.4	S 3E						21
EBH Z 222309.90	P 2E							49
-1								
161086 LOWNET	LN 508	496	12.5	5.0DWR	LROSEWELL, LOTHIAN	1		
11642.90	330.96/	663.18	1.6 0.0		55.857 -3.103		2	
6 9 193 0.29	3.0	3.1 D C*0						3
EDI Z 011645.01	P I046.52	S 2E	8.0H0.28M		0.25 200		9	
EDI NS0116	ID	E	6.9H0.21ML		0.25 200		9	
EDI EW0116	E	EU	6.4H0.22ML		0.25 200		9	
EBL Z 011645.13	P E 46.96	2E					10	
EAU Z 011647.90	P E 49.91	2E					22	
-1								
161086 LOWNET	LN 508	526	12.5	5.0DWR	LROSEWELL, LOTHIAN	1		
32554.08	329.20/	662.12	0.1 0.8		55.847 -3.131		2	
8 9 123 0.08	0.4	0.4 B A*B						3
EDI Z 032556.38	P IU57.92	S 3E	6.4H0.29M		1.0 200		9	
EDI NS0325	IU	EU	3.8H0.7 ML		1.0 200		9	
EDI EW0325	EU	IU	5.7H0.5 ML		1.0 200		9	
EBL Z 032556.43	P EU58.50	S 2E0					10	
EAU Z 032558.42	P IU61.61	S 3E					20	
ESY Z 032600.63	P 1ED						33	
EBH Z 032603.70	P 1EU						51	
-1								
161086 LOWNET	LN 508	542	12.5	5.0DWR	LROSEWELL, LOTHIAN	1		
43443.71	328.85/	662.18	0.1 0.3		55.848 -3.137		2	
6 9 165 0.05	0.8	0.7 B A*C						3
EDI Z 043445.89	P IU47.00	S 3E	12.4H0.4 M		0.25 200		9	
EDI NS0434	EU	E	6.8H0.5 ML		0.25 200		9	
EDI EW0434	EO	EO	7.3H0.4 ML		0.25 200		9	
EBL Z 043446.21	P ED48.08	S 2E					10	
EAU Z 043448.09	P IU51.15	S 2E					20	
EBH Z 043453.18	P 1E						50	
-1								
161086 LOWNET	LN 508	554	12.5	5.0DWR	LROSEWELL, LOTHIAN	1		
529 9.99	329.36/	662.91	2.1 0.2		55.854 -3.128		2	
7 9 117 0.06	0.4	0.7 B A*B						3
EDI Z 052911.99	P E 13.33	S 2E	15.0H0.29M		0.25 200		9	
EDI NS0529	E	E	13.2H0.20ML		0.25 200		9	
EDI EW0529	E	E	8.6H0.22ML		0.25 200		9	
EBL Z 052912.21	P ED14.00	S 2E					11	
EAU Z 052914.00	P EU17.01	S 2E					21	
ESY Z 052916.2	P 2E						33	
-1								
161086 LOWNET	LN 508	669	12.5	5.0DWR	LOBAN, STRATHCLYDE	1		
134710.79	197.86/	732.07	5.6 1.6		56.437 -5.279		2	
12 64 325 0.40	5.9	8.1 D D*D POSSIBLE OBAN AFTERSHOCK						3
EAB Z 134721.42	P EU29.3	S 3E	11.3H0.12M		0.25 200		64	
ELO Z 134726.30	P E 38.6	S 3E	10.4H0.18M		0.25 200		97	
EBH Z 134729.38	P E 43.2	S 3E	8.0H0.11M		0.25 200		112	
EAU Z 134732.41	P ED47.2	S 3E					131	
EDU Z 134733.63	P E 49.0	S 3E					140	
EDI Z 134734.2	P 3E 50.5	S 3E	6.1H0.12M		0.25 200		142	
EDI NS1347	E	EU	7.0H0.18ML		0.25 200		142	
EDI EW1347	E	E	5.1H0.16ML		0.25 200		142	
-1								
161086 LOWNET	LN 508	747	12.5	5.0DWR	LROSEWELL, LOTHIAN	1		
192227.01	329.42/	663.08	1.6 0.5		55.856 -3.128		2	
8 8 116 0.07	0.4	0.6 B A*B						3
EDI Z 192228.99	P ID30.49	S 2E	6.9H0.20M		1.0 200		8	
EDI NS1922	ID	IU	5.8H0.21ML		1.0 200		8	
EDI EW1922	IU	IU	7.4H0.18ML		1.0 200		8	
EBL Z 192229.40	P ED31.21	S 2E0					11	
EAU Z 192231.10	P ID34.3	S 3E					21	
ESY Z 192233.27	P 2E						33	
EBH Z 192236.22	P 1E						50	
-1								
999999			5.0					1
-1								
171086 HEREFORD	HF 385		5.0 FORD	LNR BUILTH WELLS, POWYS	1			
103534.07	302.94/	243.70	18.6 1.9	52.083 -3.417				
17 10 116 0.17	0.6	0.6 B B*B						2
HTR Z 103537.85	P IU							3
MCH Z 103540.00	P IU44.19	S 2						10
MCH SM1035			2.5H0.05M		0.25 4		30	
WFB Z 103547.04	P 1ID							79
HCG Z 103540.16	P ID							31
HLM Z 103544.12	P 1EU51.91	S 2						60
HAE Z 103544.45	P 1EU							60
HGH Z 103545.13	P ID							65
SBD Z 103549.42	P 2E							92
WVR Z 103547.40	P 1IU56.83	S 2						81
WBR Z 103548.90	P 2E							92
WST Z 103550.97	P 3E 63.08	S 2						107
WST NS1035			8.5H0.06ML		1.0 200		107	
WST EW1035			7.4H0.07ML		1.0 200		107	
HTL Z 103556.01	P 1ID71.69	S 2						142
HTL NS1035			20.3H0.20ML		0.25 200		142	
HTL EW1035			13.9H0.18ML		0.25 200		142	
CWF NS1035			6.6H0.11ML		1.0 200		161	
CWF EW1035			4.4H0.09ML		1.0 200		161	

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CWF Z 103559.53	P 4E 77.30	S 4				161
-1						
171086 LOWNET 142327.15	LN 508 329.24/ 0.4	1009 662.75 0.4	12.5 0.9 1.8	5.0DWR 4+ B A*B FELT	LROSEWELL, LOTHIAN 55.853	1 2
12 9 101 0.10					AND ROSLIN	3
EDI Z 142329.27	P ID30.45		S 3E	2.6H0.6 M	10.0 200	9
EDI NS1423	ID		E	3.5H0.7 M	10.0 200	9
EDI EW1423	ID		EU	3.2H0.5 M	10.0 200	9
EBL Z 142329.63	P ID31.10		S 3E			10
EAU Z 142331.36	P ID34.40		S 3E0			20
ESY Z 142333.57	P IU38.01		S 3E			33
EBH Z 142336.49	P ID43.13		S 3E			50
ESK Z 142337.91	P ED44.91		S 2E	10.0H1.0 M	0.25 200	60
ESK NS1423	IU		EU	9.1H1.0 ML	0.25 200	60
ESK EW1423	E		EU	9.9H0.29ML	0.25 200	60
XSO Z 142339.77	P E048.29		S 2EU			68
ECK Z 142340.52	P 1ED49.41		S 2EU			75
EDU Z 142341.04	P 1EU					78
ELO Z 142341.05	P 1EU					78
EAB Z 142341.66	P 2E					84
-1						
171086 JERSEY 154012.26	389.30/ 0.2	-73.05 60.6	0.0 0.5	5.0	ST. JOHN'S CH., JERSEY 49.242	1 2
6 3 212 0.04	D C*D				-2.147	3
JLP Z 154013.09	P 2					3
JSA Z 154013.85	P 2					6
JVM Z 154013.52	P 2					5
JRS Z 154013.93	P 2					7
JRS NS1540	P			5.1 H0.10ML	2.5 200	7
JRS EW1540				8.5 0.07 ML	2.5 200	7
-1						
181086 0 554.01 184.0.11	198.89/ 0.8	847.97 0.9	2.0 0.4	5.0	COULIN FOREST, HIGHLAND 57.477	1 2
KPL Z 000558.65	P C A*D 61.8		S		-5.355	3
KPL NS0005				3.5 H0.2 ML	1.0 200	24
KPL EW0005				2.6 H0.1 ML	1.0 200	24
KSB Z 0005	P 63.9		S 2			30
KAC Z 000555.3	P 55.9		S			4
-1						
201086 LOWNET 228.6.28	LN 508 328.33/ 0.8	1940 662.57 1.3	12.5 0.5	5.0DWR	LROSEWELL, LOTHIAN 2+ 55.851	1 2
10 8 124 0.22	B B*B FELT	UNDERGROUND ROSEWELL AREA			-3.145	3
EDI Z 022808.33	P IU09.40		S 2E	12.5H0.32M	0.25 200	9
EDI NS0228	IU		EU	6.7H1.00ML	0.25 200	9
EDI EW0228	IO		E	11.1H0.45ML	0.25 200	9
EBL Z 022808.69	P ID10.40		S 2E			11
EAU Z 022810.48	P IU12.80		S 2EU			19
ESY Z 022812.62	P 1ED18.23		S 3E			34
EBH Z 022815.65	P 1ED22.20		S 3E			50
-1						
201086 LOWNET 234955.15	LN 508 329.05/ 0.4	2065 662.01	12.5 0.3	5.0DWR	LROSEWELL, LOTHIAN 55.846	1 2
6 9 166 0.05	0.4 B A*C	0.0	S 0.0		-3.133	3
EDI Z 234957.39	P EU58.6		S 3E	10.5H0.25M	0.25 200	9
EDI NS2349	ED		EU	7.7H0.21ML	0.25 200	9
EDI EW2349	E		E	6.3H0.29ML	0.25 200	9
EBL Z 234957.59	P ED59.38		S 3ED			10
EAU Z 234959.49	P ED62.6		S 3E			20
EBH Z 235004.67	P 1E					51
-1						
211086 LOWNET 2 613.77	LN 508 331.04/ 1.9	2097 688.95 3.1	12.5 0.2-0.2	5.0DWR	LKIRKCALDY, FIFE 56.088	1 2
7 19 176 0.26	C B*C OFFSHORE IN KIRKCALDY BAY				-3.108	3
EDI Z 020618.02	P ED21.29		S 2E	6.4H0.12M	0.25 200	19
EDI NS0206	EU		EU	6.1H0.14ML	0.25 200	19
EDI EW0206	E		E	2.4H0.21ML	0.25 200	19
EBH Z 020619.88	P E 24.31		S EU			31
EAU Z 020619.94	P 2E					35
ESY Z 020620.72	P 1EU					36
EBL Z 020620.90	P 1D					35
-1						
211086 LOWNET 14 3 4.36	LN 508 329.22/ 0.3	2262 662.41 0.3	12.5 0.4	5.0DWR	LROSEWELL, LOTHIAN 55.850	1 2
10 9 121 0.07	0.3 B A*B	0.9	S 0.9		-3.131	3
EDI Z 140306.59	P IU07.70		S 2EU	9.4H0.28M	1.0 200	9
EDI NS1403	IU		EU	4.9H0.8 ML	1.0 200	9
EDI EW1403	IO		E	9.0H0.45ML	1.0 200	9
EBL Z 140306.91	P ID08.71		S 2ID			10
EAU Z 140308.63	P EU11.85		S 3ED			20
ESY Z 140310.79	P 2E 15.6		S 3E			33
EBH Z 140313.96	P 1EU20.2		S 3E			50
-1						
221086 LOWNET 22611.55	LN 509 329.10/ 0.8	138 663.09 1.0	12.5 0.5	5.0DWR	LROSEWELL, LOTHIAN 2+ 55.856	1 2
10 8 118 0.14	B A*B FELT	0.8	0.8	UNDERGROUND, ROSEWELL	-3.133	3
EDI Z 022613.82	P IU14.90		S 3EU	9.1H0.18M	1.0 200	8
EDI NS0226	14.90		S EU	4.1H0.7 ML	1.0 200	8
EDI EW0226			E	6.7H0.5 ML	1.0 200	8
EBL Z 022614.15	P ED15.99		S 2ED			11
EAU Z 022615.91	P EU18.78		S 3E			20
ESY Z 022618.12	P ED22.93		S 3E			33

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EBH Z 022621.11	P E027.52	S 2E		50
EDU Z 022625.62	P E			77
-1				
221086 LOWNET LN 509 339	12.5	5.00WR	LROSEWELL, LOTHIAN	1
165320.71 328.57/ 662.67	0.6 0.7	2+ 55.852	-3.141	2
9 8 122 0.18 1.2 1.5 B*B FELT UNDERGROUND ROSEWELL				3
EDI Z 165322.91 P IU23.99	S 2E 9.5H0.29M		1.0 200	8
EDI NS1653	IU	EU 7.5H0.21ML	1.0 200	8
EDI EW1653	ED	E 6.6H0.5 ML	1.0 200	8
EBL Z 165323.29 P ID25.10	S 2ID			11
EAU Z 165325.01 P EU27.40	S 3EU			20
ESTY Z 165327.23 P ED32.8	S 3E			34
EBH Z 165330.20 P EU				50
EDU Z 165334.80 P 1E				78
-1				
221086 LOWNET LN 509 400	12.5	5.00WR	LROSEWELL, LOTHIAN	1
211628.91 328.77/ 663.28	0.8 0.4	55.857	-3.138	2
7 8 170 0.15 1.7 1.7 C*B*C				3
EDI Z 211630.99 P ED32.13	S 2E 15.8H0.21M		0.25 200	8
EDI NS2116	ED	EU12.1H0.27ML	0.25 200	8
EDI EW2116	EU	E 19.0H0.29ML	0.25 200	8
EBL Z 211631.67 P EU33.19	S 2E			11
EAU Z 211633.02 P I036.19	S 3E			20
EBH Z 211638.18 P 1E				49
-1				
221086 LOWNET LN 509 432	12.5	5.00WR	LROSEWELL, LOTHIAN	1
233613.99 328.59/ 662.91	1.2 0.5	2+ 55.854	-3.141	2
8 8 121 0.15 1.1 1.4 B*B FELT UNDERGROUND ROSEWELL				3
EDI Z 233616.11 P IU17.19	S 2EU 5.4H0.29M		1.0 200	8
EDI NS2336	IU	EU 4.0H0.21ML	1.0 200	8
EDI EW2336	ED	E 4.3H0.4 ML	1.0 200	8
EBL Z 233616.45 P ED18.22	S 2ED			11
EAU Z 233618.19 P EU20.59	S 3E			20
ESTY Z 233620.48 P 1ED				34
EBH Z 233623.21 P 1E				50
-1				
231086 211 6.97 202.86/ 844.41	2.5-0.6	5.0	COULIN FOREST, HIGHLAND	1
5 6 205 0.22 4.7473.5 D C*D		57.447 -5.286		2
KPL Z 021112.0 P 15.0	S			3
KPL NS0211		1.4 H0.1 ML	0.25 200	25
KPL EW0211		1.3 H0.1 ML	0.25 200	25
KSB Z 0211	15.4	S 3		28
KAC Z 021108.6 P 09.3	S			6
-1				
231086 LOWNET LN 509 646	12.5	5.00WR	LROSEWELL, LOTHIAN	1
101110.53 329.06/ 662.63	0.1 0.9	2+ 55.852	-3.133	2
9 9 120 0.07 0.3 0.3 B A*B FELT UNDERGROUND ROSEWELL				3
EDI Z 101112.70 P EU13.89	S 3E 14.0H0.31M		1.0 200	9
EDI NS1011	E	E 6.3H0.7 ML	1.0 200	9
EDI EW1011	E	E 9.7H0.31ML	1.0 200	9
EBL Z 101113.13 P ID14.95	S 2ED			10
EAU Z 101114.90 P 1E 17.97	S 2E			20
ESTY Z 101117.09 P ED				33
EBH Z 101119.94 P 2E 26.69	S 3E			50
-1				
231086 LOWNET LN 509 646	12.5	5.00WR	LROSEWELL, LOTHIAN	1
15 119.46 328.97/ 662.15	0.3 0.3	55.847 -3.135		2
8 9 124 0.10 0.5 0.6 B A*B				3
EDI Z 150121.70 P EU22.61	S 3E 12.6H0.21M		0.25 200	9
EDI NS1501	EU	EU 9.8H0.21ML	0.25 200	9
EDI EW1501	ED	E 10.5H0.5 ML	0.25 200	9
EBL Z 150122.00 P ED23.70	S 2ED			10
EAU Z 150123.79 P EU26.13	S 3E			20
ESTY Z 150126.0 P 2E				34
EBH Z 150129.0 P 2E				50
-1				
241086 LOWNET LN 509 789	12.5	5.00WR	LROSEWELL, LOTHIAN	1
11926.28 329.12/ 662.35	0.2 0.8	55.849 -3.132		2
7 9 122 0.03 0.2 0.2 B A*B				3
EDI Z 011928.50 P IU29.58	S 3EU 6.9H0.27M		1.0 200	9
EDI NS0119	IU	EU 3.2H0.8 ML	1.0 200	9
EDI EW0119	ED	E 5.6H0.5 ML	1.0 200	9
EBL Z 011928.83 P ED30.62	S 3ED			10
EAU Z 011930.58 P EU33.75	S 3ED			20
ESTY Z 011932.80 P 1E				33
EBH Z 011935.78 P 1ED				50
-1				
241086 LOWNET LN 509 886	12.5	5.00WR	LROSEWELL, LOTHIAN	1
81822.72 329.85/ 663.39	2.3 0.3	55.859 -3.121		2
7 8 113 0.16 1.1 1.6 B*B				3
EDI Z 081824.70 P ED25.77	S 2EU 14.5H0.28M		0.25 200	8
EDI NS0818	E	ED 11.8H0.21ML	0.25 200	8
EDI EW0818	E	E 8.1H0.6 ML	0.25 200	8
EBL Z 081824.83 P E 26.82	S 2ED			11
EAU Z 081826.81 P EU29.92	S 3E			21
ESTY Z 081829.0 P 3E				32
-1				
241086 LOWNET LN 509 908	12.5	5.00WR	LCRIANLARICH, CENTRAL	1
912 9.52 240.48/ 734.96	3.0 0.6	56.480 -4.591		2
8 36 291 0.33 8.4 15.4 D*D A/S AT 09.13 GMT				3
EAB Z 091216.16 P E 20.68	S 2E 2.8H0.10M		0.25 200	36

Table 5 (cont'd)

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ELO Z 091218.5	P 1E 25.5	S 2E 2.0HO.10ML	0.25 200	54
EBH Z 091222.22	P E 31.60	S 2E 4.1HO.10ML	0.25 200	72
EOU Z 091226.0	P 1E 37.6	S 2E 2.5HO.10ML	0.25 200	97
EDI Z 091225.2	P 4E 42.0	S 4E 2.6HO.13M	0.25 200	107
EDI NS0912	E	E 2.6HO.16M	0.25 200	107
EDI EW0912	-1			
241086 LOWNET	LN 509 908	12.5 5.00DWR	LRIANLARICH, CENTRAL	1
95234.11	241.19/ 735.19	2.5 0.6	56.482 -4.579	2
7 36 290 0.31	8.6 15.8 D D*D			3
EAB Z 095240.62	P E 45.31	S 2E 3.0HO.10M	0.25 200	36
ELO Z 095243.52	P 1E 50.39	S 2E 2.5HO.10ML	0.25 200	53
EBH Z 095246.99	P E 55.63	S 3E 3.4HO.10ML	0.25 200	71
EDU Z 095249.38	P 2E 59.7	S 3E 2.6HO.10ML	0.25 200	97
241086 LOWNET	LN 509 952	12.5 5.00DWR	LROSEWELL, LOTHIAN	1
13 523.97	330.28/ 663.99	2.8 0.1	55.864 -3.114	2
8 8 109 0.19	1.0 5.6 C C*B			3
EDI Z 130525.89	P EU26.91	S 2E 12.4HO.23M	0.25 200	8
EDI NS1305	E	E 9.3HO.18ML	0.25 200	8
EDI EW1305	E	E 9.0HO.21ML	0.25 200	8
EBL Z 130526.10	P E 28.10	S 2E		11
EAU Z 130527.99	P E 31.20	S 2E		21
ESY Z 130531.09	P 2E			32
EBH Z 130533.01	P 2E			49
241086 LOWNET	LN 509 973	12.5 5.00DWR	LROSEWELL, LOTHIAN	1
1434 1.29	329.42/ 662.41	0.5 0.7	55.850 -3.127	2
7 9 120 0.03	0.2 0.2 B A*B			3
EDI Z 143403.50	P IU04.61	S 2EU 8.6HO.28M	1.0 200	9
EDI NS1434	IU	E 6.5HO.20ML	1.0 200	9
EDI EW1434	E	E 6.5HO.40ML	1.0 200	9
EBL Z 143403.82	P E005.62	S 2ED		10
EAU Z 143405.60	P E008.69	S 2EU		21
ESY Z 143407.71	P 1E			33
EBH Z 143410.79	P 2E			50
241086	145136.61 220.20/ 777.12	5.3 1.8 5.0	SPEAN BR, HIGHLAND	1
15 49 125 0.18	0.8 2.6 C B*C		56.851 -4.949	2
KPL Z 145148.4	P 56.7	S		3
KPL NS1451		4.0 HO.15ML	1.0 200	69
KPL EW1451		5.1 HO.16ML	1.0 200	69
KAR Z 145146.0	P			54
KS8 Z 145145.3	P			49
KAC Z 145149.25	P			75
EAB Z 145150.51	P EU59.12	S 2EU 7.7HO.09M	0.25 200	83
ELO Z 145151.10	P IU60.59	S 2EU 4.0HO.09M	0.25 200	87
EBH Z 145155.11	P EU67.91	S 2ED 4.5HO.11M	0.25 200	111
EDU Z 145157.22	P EU71.40	S 2EU 5.1HO.10M	0.25 200	123
EAU Z 145200.99	P 2E 16.51	S 3ED		145
EDI Z 145201.7	P 3E 17.60	S 3E 5.9HO.19M	0.25 200	150
EDI NS1452	E	EU13.9HO.19ML	0.25 200	150
EDI EW1452	E	ED11.8HO.19ML	0.25 200	150
251086N WALES	32131.25 239.41/ 342.56	24.1 1.4 5.0	LLEYN AFTERSHOCK	1
25 4 91 0.07	0.2 0.4 B A*B		52.956 -4.391	2
WCB Z 032140.0	P 2I			3
WCB NS0321		8.6 HO.07ML	1.0 200	48
WCB EW0321	45.92	S 3 12.0HO.09ML	1.0 200	48
YRC Z 032138.11	P 1D42.47	S 3		35
YRE Z 032135.15	P 1D37.9	S 2		4
WPM Z 032139.75	P 1U45.79	S 3		47
WLF Z 032138.29	P 1D43.1	S 2		37
WME Z 032140.05	P 1U46.28	S 2		49
YLL Z 032136.85	P 1U40.73	S 2		25
WST Z 032137.16	P 1IU	S 2		27
WST NS0321	41.00	S 2 5.1 HO.07ML	10.0 200	27
WST EW0321		5.5 HO.06ML	10.0 200	27
WVR Z 032141.06	P 2E 47.18	S 3		56
WBR Z 032138.06	P 2E 42.75	S 2		35
WLC Z 032139.04	P 1IU44.4	S 2		41
WFB Z 032138.49	P 2E 43.62	S 2		39
YRH Z 032136.43	P 1IU39.96	S 2		21
251086 LOWNET	LN 509 1170	12.5 5.00DWR	LROSEWELL, LOTHIAN	1
44854.32 329.11/ 662.43	0.3 0.5		55.850 -3.132	2
7 9 121 0.04	0.2 0.2 B A*B			3
EDI Z 044856.54	P IU58.05	S 3EU 7.4HO.28M	1.0 200	9
EDI NS0448	IU	E 5.9HO.20ML	1.0 200	9
EDI EW0448	ED	ED 6.3HO.20ML	1.0 200	9
EBL Z 044856.90	P ID58.70	S 2ED		10
EAU Z 044858.61	P EU61.00	S 3EU		20
ESY Z 044900.82	P 1ED			33
EBH Z 044903.81	P 1ED			50
261086 LOWNET	LN 509 1570	12.5 5.00DWR	LROSEWELL, LOTHIAN	1
94222.22 329.08/ 662.64	0.2 0.1		55.852 -3.133	2
6 9 170 0.05	1.7 1.5 C B*C			3
EDI Z 094224.40	P IU25.91	S 2E 13.8HO.28M	0.25 200	9
EDI NS0942	EU	EU10.1HO.20ML	0.25 200	9

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EDI EW0942		E		E	9.5HO.20ML	0.25	200	9
EBL Z 094224.85	P	ED26.61		S 2ED				10
EAU Z 094226.59	P	EU29.62		S 2E				20
-1								
261086					5.0	NORTH SEA		1
113438.85			27.5	4.4		61.893	3.226	2
20 89 223 1.12 11.5 12.6 D D*D								3
FOO Z 1134 55.6	P	1						102
FRO Z 1134 53.8	P	1						89
LRW Z 1134 81.15	P	1						308
LRW NS1134					5.0 HO.56ML		10.0 200	308
LRW EW1134					4.5 HO.67ML		10.0 200	308
SAN Z 1134 82.55	P							319
WAL Z 1134 82.70	P							318
YEL Z 1134 77.30	P							276
KAR Z 1134136.20	P							756
KSB Z 1134131.00	P							715
KAC Z 1134127.55	P							686
ODD Z 1134 79.00	P	107.0		S				286
SUE Z 1134 58.4	P	65.0		S				124
HYA Z 1134 65.3	P	81.0		S				177
BER Z 1134 68.4	P			S				203
BLS Z 1134 84.3	P	119.0		S				330
KMY Z 1134 82.6	P	111.0		S				319
EBH 1136 13.9	P	2		S 3				
EDU 1136 8.6	P	2	71.6	S 3				
ELO 1136 11.9	P	2	80.3	S 3				
-1								
261086					5.0	NORTH SEA		1
234316.84			5.0	2.7		61.950	3.021	2
7270 352 0.19 15.5 10.4 D D*D	P	92.50		S				3
LRW Z 234360.40					3.0 HO.16ML		1.0 200	304
LRW NS2343					3.0 HO.17ML		1.0 200	304
LRW EW2343								304
SAN Z 234361.60	P							315
WAL Z 234361.87	P	94.40		S				313
YEL Z 234356.20	P	84.60		S				270
-1								
271086 CORNWALL					5.0	E.OF CARNKIE, CORNWALL		1
3 740.10 169.93/ 39.91		9.8 0.1				50.214 -5.225		2
13 3 292 0.02 0.4 0.2 C A*D								3
CCA Z 030741.89	P	1IU43.26		S 2				
CST Z 030741.97	P	1EU						5
CME Z 030742.04	P	1IU43.51		S 2				5
CRA Z 030742.11	P	1IU43.65		S 2				6
CR2 Z 030742.15	P	1IU43.72		S 2				7
CTR Z 030742.22	P	1IU43.82		S 2				7
CCO Z 030742.40	P	1IU44.15		S 2				9
CTR NS0307					8.5 HO.07ML		1.0 200	7
CTR EW0307					9.9 HO.05ML		1.0 200	7
-1								
271086 LOWNET LN 509 1918					5.0DWR	LROSEWELL, LOTHIAN		1
1047 8.49 329.27/ 662.77		12.5				55.853 -3.130		2
8 9 119 0.08 0.4 0.7 B A*B		1.7 0.5						3
EDI Z 104710.51	P	E 11.93		S 2E	7.3HO.25M		1.0 200	9
EDI NS1047		EU		EU	5.6HO.22ML		1.0 200	9
EDI EW1047		E		E	6.3HO.22ML		1.0 200	9
EBL Z 104710.82	P	ED12.61		S 2ED				10
EAU Z 104712.54	P	EU15.70		S 3E				20
ESY Z 104714.73	P	1ED						33
EBH Z 104717.80	P	1ED						50
-1								
271086 LOWNET LN 509 2009					5.0DWR	LROSEWELL, LOTHIAN		1
172114.46 329.22/ 662.72		12.5				55.852 -3.131		2
8 9 119 0.08 0.4 0.7 B A*B		1.9 0.3						3
EDI Z 172116.47	P	EU17.92		S 2E	14.4HO.26M		0.25 200	9
EDI NS1721		EU		EU	11.5HO.22ML		0.25 200	9
EDI EW1721		E		E	12.0HO.4 ML		0.25 200	9
EBL Z 172116.66	P	EU18.58		S 2E				10
EAU Z 172118.53	P	IU21.43		S 2E				20
ESY Z 172120.72	P	2E						33
EBH Z 172123.68	P	2E						50
-1								
281086 LOWNET LN 509 2150					5.0DWR	LROSEWELL, LOTHIAN		1
33412.22 329.87/ 663.14		12.5				55.856 -3.120		2
8 9 114 0.09 0.5 2.1 B B*B		3.7 0.4						3
EDI Z 033414.01	P	EU15.67		S 2ED	20.0HO.29M		0.25 200	9
EDI NS0334		E		ED	15.6HO.22ML		0.25 200	9
EDI EW0334		E		ED	17.4HO.21ML		0.25 200	9
EBL Z 033414.39	P	ED16.14		S 2ED				10
EAU Z 033416.20	P	I019.32		S 2E				21
ESY Z 033418.27	P	2E						32
EBH Z 033421.05	P	2E						50
-1								
291086 LOWNET LN 510 267					5.0DWR	LROSEWELL, LOTHIAN		1
115039.58 328.89/ 662.27		12.5				55.848 -3.136		2
8 9 123 0.06 0.3 0.3 B A*B		0.3 1.0						3
EDI Z 115041.81	P	E 43.44		S 2E	10.0HO.4 M		1.0 200	9
EDI NS1150		E		E	6.2HO.7 ML		1.0 200	9
EDI EW1150		E		E	8.2HO.5 ML		1.0 200	9
EBL Z 115042.13	P	ED44.00		S 2E				10
EAU Z 115043.84	P	1E						20

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ESY Z 115046.04	P 1E	50.98	S 2E			34
EBH Z 115049.20	P 2E					50
-1						
311086 113913.39	174.21/	785.27	1.3 0.8	5.0	SHIEL BR., W.HIGHLAND	1
4 8 255 0.23	C B*D				56.904 -5.709	2
KPL Z 113922.45	P 1					3
KPL NS1139				8.0 HO.15ML	0.25 200	49
KPL EW1139				6.0 HO.07ML	0.25 200	49
KAR Z 113915.3	P					8
KSB Z 113920.1	P					38
KAC Z 113926.15	P					71
-1						
011186 HEREFORD 205042.23	HF 387 285.49/	262.95	18.1 0.6	5.0 FORD	LCLAERWEN RESR, POWYS	1
4 8 249 0.04	C A*D				52.252 -3.678	2
HCG Z 205045.64	P 1EU					3
MCH Z 205051.69	P 4E 58.65		S 2			8
MCH NS2050				4.4HO.08ML	0.25 200	55
MCH EW2050				4.1HO.08ML	0.25 200	55
HLM Z 205052.60	P 1EU60.36		S 2			61
-1						
021186 HEREFORD 194933.31	HF 387 322.46/	272.46	12.5 0.4	5.0 FORD	LKNIGHTON, POWYS	1
5 26 136 0.01	0.1 0.5 C A*D				52.344 -3.138	2
HLM Z 194938.26	P 1EU41.89		S 2			3
HCG Z 194939.74	P 1ED44.41		S 2			26
MCH Z 194940.32	P 4E 45.55		S 2			35
MCH NS1949				6.5HO.11ML	0.25 200	40
MCH EW1949				4.0HO.07ML	0.25 200	40
-1						
041186 LOWNET 33048.73	LN 510 328.11/	2149 661.85	12.5 0.9	5.0DWR	LROSEWELL, LOTHIAN	1
9 9 130 0.15	0.4 0.4 B A*B				55.845 -3.148	2
EDI Z 033050.89	P IU52.48		S 1E	6.4HO.23M	2.5 200	3
EDI NS0330	IU			EU 4.6HO.20ML	2.5 200	9
EDI EW0330	IO			IU 8.0HO.20ML	2.5 200	9
EBL Z 033051.20	P IO52.92		S 2ID			10
EAU Z 033052.96	P IO56.19		S 2IU			19
ESY Z 033055.61	P 1E					34
EBH Z 033058.21	P E064.81		S 2ED			50
EDU Z 033102.71	P 2E					79
-1						
041186 LOWNET 122411.28	LN 510 209.54/	2272 691.70	12.5 0.6	5.0DWR	LLOCH ECK, STRATHCLYDE	1
8 46 343 0.52	16.8 9.9 D 0*D POSS. DUNOON				56.080 -5.061	2
EAB Z 122419.38	P EU23.91		S 3E	2.6HO.10ML	0.25 200	47
ELO Z 122427.80	P 1E 39.30		S 3E	3.0HO.10ML	0.25 200	94
EBH Z 122428.87	P 1E 40.38		S 2E	1.6HO.10ML	0.25 200	98
EDU Z 122434.0	P 2E 51.0		3E			137
-1						
041186 165317.06	163.23/	790.75	4.7 1.1	5.0	LOCH NEVIS, W.HIGHLAND	1
4 5 248 0.02	C A*D				56.947 -5.894	2
KPL Z 165325.25	P					3
KPL NS1653				4.0 HO.4 ML	0.25 200	46
KPL EW1653				7.0 HO.3 ML	0.25 200	46
KAR Z 165318.50	P					5
KSB Z 165324.45	P					41
KAC Z 165329.10	P					71
-1						
041186 165317.06	163.23/	790.75	4.7 1.1	5.0	L.HOURN, W.HIGHLAND	1
4 5 248 0.02	C A*D				56.947 -5.894	2
KPL Z 165325.25	P					3
KPL NS1653				4.0 HO.4 ML	0.25 200	46
KPL EW1653				7.0 HO.3 ML	0.25 200	46
KAR Z 165318.50	P					5
KSB Z 165324.45	P					41
KAC Z 165329.10	P					71
-1						
051186 LOWNET 123333.89	LN 511 197.76/	287 686.75	12.5 0.6	5.0DWR	LGLENDARUEL, STRATHCLYDE	1
7 59 345 0.63	22.8 37.8 D 0*D		2.7 0.6		56.031 -5.246	2
EAB Z 123343.8	P EU48.4		S 2E	2.8HO.10ML	0.25 200	59
ELO Z 123351.6	P 1E 64.9		S 2E	1.7HO.11ML	0.25 200	107
EBH Z 123352.5	P 1E 66.0		S 2E	1.0HO.16ML	0.25 200	111
EDU Z 123358.5	P 2E					150
-1						
071186 HEREFORD 143422.02	HF 388 286.55/	208.71	9.1 1.1	5.0 FORD	LGLYN-NEATH, W GLAMORGAN	1
5 43 255 0.16	9.2239.7 D 0*D				51.765 -3.644	2
HTR Z 143429.50	P 1ED					3
MCH Z 143430.69	P 1ED37.46		S 2			43
MCH NS1434				6.1HO.17ML	0.25 200	51
MCH EW1434				8.5HO.23ML	0.25 200	51
HGH Z 143432.34	P 1ED					60
HCG Z 143432.77	P 2ED					62
-1						
071186 LOWNET 15 713.84	LN 511 298.04/	985 692.05	12.5 1.1	5.0DWR	LBLAIRHALL, FIFE	1
10 17 123 0.15	0.7 1.0 C B*C POSSIBLY MINING INDUCED		1.2		56.110 -3.640	2
						3

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EBH Z 150717.56	P EU19.71	S 2EU	0.25 200	17
EAU Z 150719.98	P EU24.61	S 2E		32
EDI Z 150720.59	P EU25.15	S 2EU	0.25 200	35
EDI NS1507	E	EU 4.7H0.6 M	0.25 200	35
EDI EW1507	E	EU 7.9H0.6 ML	0.25 200	35
ELO Z 150721.54	P E 27.07	S 2E	0.25 200	40
EAB Z 150721.88	P 1E 28.1	S 3E		44
-1				
071186 LOWNET	LN 511 1064	12.5	5.0DWR	LKIRKCALDY, FIFE
205034.59	331.23/ 689.18	0.4-0.1		56.091 -3.105
7 19 177 0.17	1.0 1.8 C B*C POSSIBLY MINING INDUCED			
EDI Z 205038.81	P ED41.95	S 2E	3.4H0.15M	0.25 200 19
EDI NS2050	EU	ED	4.6H0.15ML	0.25 200 19
EDI EW2050	E	E	3.1H0.22ML	0.25 200 19
EBH Z 205040.62	P ED45.31	S 2EU		31
EAU Z 205041.1	P 2E			35
ESY Z 205041.53	P 1E			36
EBL Z 205041.68	P 1EO			36
-1				
071186	212439.02	377.97/ 416.47	18.9 1.5	5.0 RAMSBOTTOM, LANCS.
16 58 105 0.42	1.5 7.7 D C*D			53.644 -2.333
SBD Z 212455.05	P 2E 66.75	S 2		103
HLM Z 212459.39	P 3E 74.18	S 2		131
HCG Z 212465.01	P 2E			172
MCH Z 212467.97	P 4 87.02	S 2		189
MCH NS2124			7.4H0.07ML	0.25 200 189
MCH EW2124			6.0H0.08ML	0.25 200 189
XDE Z 212458.4	P 2EU71.6	S 3E		122
ECK Z 212505.8	P 2E 24.3	S 3E		179
ESK Z 212508.8	P 3E 27.0	S 3E	1.4H0.11M	0.25 200 195
ESK NS2125	E	E	1.7H0.09ML	0.25 200 195
ESK EW2125	E	E	1.5H0.09ML	0.25 200 195
HPK Z 212449.5	P 1E 55.6	S 2		58
HPK NS2124			20.0H0.20ML	0.25 200 58
HPK EW2124			25.0H0.25ML	0.25 200 58
CWF Z 212458.33	P 1E 71.88	S 1		122
CWF NS2124			12.0H0.09ML	0.25 200 122
CWF EW2124			17.8H0.12ML	0.25 200 122
-1				
081186 LOWNET	LN 511 1113	12.5	5.0DWR	LKIRKCALDY, FIFE
02348.04	331.71/ 689.65	0.2-0.4		56.095 -3.098
7 20 179 0.11	0.7 1.2 B A*C POSSIBLY MINING INDUCED			
EDI Z 002352.30	P ED55.59	S 2EU	3.5H0.16M	0.25 200 20
EDI NS0023	EU	E	4.1H0.15ML	0.25 200 20
EDI EW0023	E	E	1.4H0.19ML	0.25 200 20
EBH Z 002354.12	P E 58.71	S 2E		31
EAU Z 002354.8	P 2E			36
ESY Z 002355.00	P 1EO			36
EBL Z 002355.20	P 1EO			36
-1				
081186 LOWNET	LN 511 1410	12.5	5.0DWR	LCRIANLARICH, CENTRAL
215826.31	248.36/ 728.45	12.7 0.7		56.424 -4.459
6 27 279 0.19	4.1 11.2 D C*D			
EAB Z 215831.6	P E 35.2	S 2E	2.5H0.08M	0.25 200 27
ELO Z 215834.6	P E 40.3	S 2E	1.5H0.10M	0.25 200 46
EBH Z 215836.5	P E 44.8	S 3E		62
EDI Z 215841.3	P 4E 56.6	S 3E	1.0H0.11M	0.25 200 97
EDI NS2158	E	E	2.2H0.11ML	0.25 200 97
EDI EW2158	E	E	1.6H0.11ML	0.25 200 97
-1				
081186 LOWNET	LN 511 1432	12.5	5.0DWR	LROSEWELL, LOTHIAN
233026.85	328.52/ 662.19	0.2 0.9		55.848 -3.142
7 9 126 0.08	0.1 0.1 B A*B			
EDI Z 233029.00	P IU30.60	S 2E	11.5H0.4 M	1.0 200 9
EDI NS2330	IU	EU	5.0H0.65ML	1.0 200 9
EDI EW2330	E	EU	7.5H0.4 ML	1.0 200 9
EBL Z 233029.38	P ID31.20	S 2ID		10
EAU Z 233031.11	P ID34.20	S 2EO		20
ESY Z 233033.60	P 1E			34
-1				
091186 LOWNET	LN 511 1664	12.5	5.0DWR	LCRIANLARICH, CENTRAL
162325.47	245.41/ 730.17	3.0 0.8		56.438 -4.508
5 30 286 0.15	4.7 9.9 D C*D			
EAB Z 162330.93	P E 35.01	S 2E	3.5H0.08M	0.25 200 30
ELO Z 162334.2	P E 40.4	S 2E	2.4H0.09M	0.25 200 49
EBH Z 162337.1	P E 46.2	S 3E		65
EDI Z 162340.8	P 4E 56.3	S 2E	1.2H0.10M	0.25 200 100
EDI NS1623	E	E	2.7H0.10ML	0.25 200 100
EDI EW1623	E	E	2.5H0.10ML	0.25 200 100
-1				
091186 LOWNET	LN 511 1709	12.5	5.0DWR	LCRIANLARICH, CENTRAL
193425.25	245.60/ 732.05	3.0 1.0		56.455 -4.506
7 31 283 0.25	7.0 13.3 D 0*D			
EAB Z 193431.02	P EU35.20	S 2E	6.4H0.09M	0.25 200 32
ELO Z 193433.99	P E 39.7	S 2E	2.3H0.10M	0.25 200 49
EBH Z 193437.20	P ED45.3	S 2E	4.0H0.11M	0.25 200 66
EDI Z 193440.2	P 4E 56.4	S 3E	1.5H0.11M	0.25 200 101
EDI NS1934	E	E	4.0H0.11ML	0.25 200 101
EDI EW1934	E	E	3.0H0.18ML	0.25 200 101
EDU Z 193441.2	P 3E			92
-1				

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091186	LOWNET	LN 511	1767	12.5	5.00WR	LLOWNTOWN, CUMBRIA	1
	235019.56	341.03/	570.41	2.4 0.5		55.025	-2.923
11 22	312 0.33	23.5	18.1 0 D*D				2
ECK Z	235023.60	P	ID26.79	S 2E		0.25	200
ESK Z	235026.19	P	1E032.57	S 3E	2.9H0.30M	0.25	200
ESK NS2350			ED	E	2.6H0.18ML	0.25	200
ESK EW2350			EU	E	2.1H0.22ML	0.25	200
EBL Z	235033.80	P	1EU43.6	S 2E			37
EAU Z	235036.58	P	1E				84
ESY Z	235036.72	P	1E 48.6	S 2E			97
EDI Z	235036.85	P	2E 49.4	S 3E	1.4H0.11M	0.25	200
EDI NS2350			E	E	2.4H0.09ML	0.25	200
EDI EW2350			E	E	2.1H0.11ML	0.25	200
-1							101
-1					5.0		
111186N	WALES	14843.39	237.97/	349.16	19.0 0.7	5.0	LLEYN AFTERSHOCK
7 4	220 0.14	3.1	3.3 D	C*D		53.015	-4.416
YRC Z	014853.58	P	4E				28
YRE Z	014846.57	P	2ED				4
WPM Z	014851.00	P	3E				44
WLF Z	014854.00	P	4EU				31
YLL Z	014848.17	P	1IU51.18	S 2			22
WST Z	014837.55	P	9				29
WST NS0148			42.07	S 2	6.6 H0.07ML	1.0	200
WST EW0148					7.5 H0.06ML	1.0	200
WBR Z	014839.22	P	9 43.8	S 2			29
WLC Z	014839.75	P	9IU45.02	S 3			39
-1							43
111186		2 435.07	465.69/	354.95	6.0 1.2	5.0	SOUTHWELL, NOTTS.
8 43	229 0.22	4.3	5.7 D	C*D		53.087	-1.019
HPK Z	020452.5	P	3 64.2	S 3			2
HPK NS0204					18.0H0.12ML	0.25	200
HPK EW0204					9.0H0.15ML	0.25	200
CWF Z	020442.55	P	3E 48.14	S 2			43
CWF NS0204					4.5H0.17ML	0.25	200
CWF EW0204					6.0H0.13ML	0.25	200
SBD Z	020459.53	P	2E 76.90	S 3			43
MCH Z	020462.92	P	3E 83.79	S 3			152
-1							181
111186	LOWNET	LN 511	2173	12.5	5.00WR	LPOLTON, LOTHIAN	1
	51732.75	329.38/	664.60	0.6 0.5		55.069	-3.129
8 7	110 0.07	0.5	0.6 B	A*B			2
EDI Z	051734.58	P	IU35.71	S 2E	11.9H0.28M	1.0	200
EDI NS0517			IU		IU 6.2H0.19ML	1.0	200
EDI EW0517			ED		E 6.7H0.20ML	1.0	200
EBL Z	051735.53	P	ID37.81	S 2ID			7
EAU Z	051737.01	P	1E 40.19	S 2E			21
ESY Z	051739.07	P	2E				33
EBH Z	051741.90	P	2E				48
-1							
111186	LOWNET	LN 511	2193	12.5	5.00WR	LKIRKCALDY, FIFE	1
	64040.02	331.40/	689.59	0.2-0.1		56.094	-3.103
7 20	179 0.13	0.9	1.5 B	A*C POSSIBLY MINING INDUCED			2
EDI Z	064044.28	P	E047.41	S 2E	7.4H0.15M	0.25	200
EDI NS0640			EU		EU 7.0H0.15ML	0.25	200
EDI EW0640			E		E 2.8H0.21ML	0.25	200
EBH Z	064046.01	P	E050.71	S 2ED			20
EAU Z	064046.70	P	2E				30
ESY Z	064047.02	P	1ED				35
EBL Z	064047.19	P	1D				36
-1							36
131186	LOWNET	LN 512	489	12.5	5.00WR	LBONNYRIGG, LOTHIAN	1
	25226.08	330.94/	663.58	6.2 0.7		55.860	-3.104
7 9	115 0.06	0.4	0.7 B	A*B			2
EDI Z	025228.21	P	E029.70	S 2E	9.4H0.30M	1.0	200
EDI NS0252			ED		EU 4.8H0.8 ML	1.0	200
EDI EW0252			EU		EU 4.7H0.29ML	1.0	200
EBL Z	025228.38	P	IU30.25	S 2EU			9
EAU Z	025230.28	P	1E033.53	S 2EU			9
ESY Z	025231.9	P	3E				10
EBH Z	025235.47	P	2E				22
-1							31
131186	LOWNET	LN 512	647	12.5	5.00WR	LLOCHGOILHEAD, S/CLYDE	1
	141259.15	216.14/	700.83	1.5 1.0		56.165	-4.961
9 39	315 0.32	7.0	6.1 D	D*D			2
EAB Z	141305.80	P	EU11.47	S 2E		0.25	200
ELO Z	141314.08	P	EU26.6	S 3E	4.1H0.17ML	0.25	200
EBH Z	141314.41	P	EU26.8	S 3E	2.2H0.18ML	0.25	200
EAU Z	141316.24	P	2EU28.5	S 3E			91
EDU Z	141320.04	P	2E				101
EBL Z	141320.35	P	1E				128
-1							127
151186	LOWNET	LN 512	1206	12.5	5.00WR	LROSEWELL, LOTHIAN	1
	64442.89	329.48/	662.72	2.4 1.4		55.853	-3.127
9 9	118 0.09	0.4	0.7 B	A*B			2
EDI Z	064444.70	P	ID46.15	S 2E	4.7H0.22M	10.0	200
EDI NS0644			ID		ED 3.9H0.26ML	10.0	200
EDI EW0644			IU		EU 4.4H0.20ML	10.0	200
EBL Z	064445.10	P	ID46.65	S 2EU			9
-1							9

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EAU Z 064446.81	P ID49.81	S 2E0					21
ESY Z 064449.01	P 1EU						33
EBH Z 064451.94	P 1E058.67	S 2EU					50
ELO Z 064446.36	P 2EU						78
EDU Z 064446.49	P 2EU						78
EAB Z 064447.43	P 2E						84
-1							
151186N WALES						LLEYN AFTERSHOCK	1
143744.96	238.24/ 343.96	22.6 0.4	5.0		52.968 -4.409		2
19 2 98 0.06	0.2 0.4 B A*B						3
WCB Z 143753.4	P 4						47
WCB NS1437	59.0	S 4	3.0 H0.07ML	0.25 200			47
WCB EW1437			3.8 H0.07ML	0.25 200			47
YRC Z 143751.4	P 2E 56.01	S 3					33
YRE Z 143748.65	P 2E 51.05	S 3					2
WLF Z 143751.67	P 3E 56.5	S 3					36
WME Z 143753.53	P 2E						48
YLL Z 143750.39	P 1IU54.02	S 3					25
WST Z 143750.8	P 2E						28
WST NS1437	54.83	S 2	5.4 H0.09ML	1.0 200			28
WST EW1437			4.5 H0.08ML	1.0 200			28
YRH Z 143749.97	P 2E 53.4	S 2					21
WBR Z 143751.85	P 2E 56.79	S 3					37
WLC Z 143752.81	P 1IU58.12	S 3					42
WFB Z 143752.5	P 2E 57.44	S 2					40
-1							
161186N WALES					LLEYN AFTERSHOCK	1	
75639.93	231.46/ 354.79	15.2 0.9	5.0		53.063 -4.516		2
5 11 203 0.04	0.6 1.5 C A*D						3
YRE Z 075643.05	P 2ID						11
WLF Z 075650.90	P 4IU						26
YLL Z 075644.77	P 1IU47.95	S 2					25
WST Z 075645.00	P 4E						37
WST NS0756	49.35	S 4	5.5 H0.07ML	1.0 200			37
WST EW0756			6.3 H0.06ML	1.0 200			37
YRC Z 075644.22	P 2E 47.25	S 3					21
WBR Z 075650.48	P 4E						48
-1							
191186N WALES					LLEYN AFTERSHOCK	1	
12220.92	239.78/ 344.00	23.0 2.2	5.0		52.969 -4.386		2
23 3 84 0.08	0.3 0.7 A A*A FELT GWYNEDD						3
WST Z 012226.75	P 1IU						27
WST NS0122	30.55	S 3					27
YRH Z 012226.11	P 1IU						22
WVR Z 012230.65	P 2ED36.48	S 3					56
WBR Z 012227.76	P 2ED32.11	S 3					35
WLC Z 012228.56	P 2ED33.52	S 3					41
WFB Z 012228.25	P 2E 33.35	S 3					40
WCB Z 012229.39	P 2ED						47
WCB NS0122			6.5 H0.06ML	10.0 200			47
WCB EW0122	35.02	S 3	6.3 H0.12ML	10.0 200			47
YRC Z 012227.47	P 2ED32.06	S 3					34
YRE Z 012224.68	P 2ED						3
WPM Z 012229.2	P 1IU35.0	S 3					46
WLF Z 012227.67	P 1ID32.08	S 3					36
WME Z 012229.39	P 2EU35.42	S 3					48
YLL Z 012226.3	P 1IU29.98	S 2					24
-1							
191186N WALES					LLEYN AFTERSHOCK	1	
12544.81	239.66/ 343.86	22.4 1.5	5.0		52.968 -4.388		2
21 3 84 0.06	0.2 0.6 A A*A FELT GWYNEDD						3
WST Z 012550.55	P 1IU						27
WST NS0125	54.37	S 3	4.0 H0.15ML	10.0 200			27
WST EW0125			3.0 H0.07ML	10.0 200			27
YRH Z 012549.91	P 1IU						22
WVR Z 012554.5	P 2E 60.29	S 3					56
WBR Z 012551.6	P 2 55.25	S 3					36
WLC Z 012552.42	P 1IU57.35	S 3					41
WFB Z 012552.09	P 2ED57.19	S 2					40
WCB Z 012553.35	P 1IU						47
WCB NS0125			12.5 H0.06ML	2.5 200			47
WCB EW0125	59.05	S 3	16.9 H0.01ML	2.5 200			47
YRC Z 012551.35	P 1ID						34
YRE Z 012548.47	P 2ID						3
WPM Z 012553.03	P 1IU58.78	S 3					46
WLF Z 012551.52	P 1ID56.25	S 2					36
WME Z 012553.3	P 1ID59.1	S 3					48
YLL Z 012550.14	P 1IU53.76	S 2					24
-1							
191186N WALES					LLEYN AFTERSHOCK	1	
22350.13	239.37/ 344.46	22.6 1.1	5.0		52.973 -4.392		2
24 2 82 0.10	0.4 0.6 A A*A						3
WCB Z 022358.65	P 2E						46
WCB Z 0223	64.3	S 3					46
YRC Z 022356.65	P 2E 60.83	S 3					33
YRE Z 022353.77	P 1ID56.45	S 3					2
WPM Z 022358.36	P 1IU63.72	S 3					46
WLF Z 022356.82	P 2ED61.49	S 3					35
WME Z 022358.69	P 1IU64.22	S 3					48
YLL Z 022355.42	P 1IU59.05	S 2					24
WST Z 022355.88	P 1IU						27
WST NS0223	59.89	S 3	8.0 H0.08ML	2.5 200			27

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WST	EW0223					5.8	H0.08ML		2.5	200	27
YRH	Z 022355.20	P 1IU									22
WVR	Z 022359.8	P 2E 66.02	S 3								57
WBR	Z 022356.89	P 1IU61.72	S 2								36
WLC	Z 022357.78	P 2IU62.78	S 3								41
WFB	Z 022357.76	P 2E 62.59	S 3								40
	-1										
191186	LOWNET	LN 513 314	12.5		5.00WR	LLOCH STRIVEN,S/CLYDE	1				
	1259 7.66	207.45/ 688.12	0.9 0.6			56.047 -5.092					2
	8 49 344 1.10	18.0 11.8 D*D									3
EAB	Z 125916.1	P EU21.2	S 2E						0.25	200	49
ELO	Z 125924.8	P E 38.0	S 2E	1.8H0.10ML				0.25	200		98
EBH	Z 125925.0	P E 38.9	S 2E	1.7H0.12ML				0.25	200		101
EDU	Z 125931.1	P 2E 48.5	S 3E								140
	-1										
201186	LOWNET	TR	12.5		5.00WR	LROSEWELL, LOTHIAN	1				
	358 2.09	329.27/ 662.38	0.2 1.8			2+ 55.849 -3.130					2
	10 9 100 0.07	0.3 0.3 B A*B	FELT ROSLIN GLEN								3
KDI	Z 035804.38	P ID05.67	S 2EU	6.3H0.2 M				0.25	4		9
EBL	Z 035804.68	P ID06.28	S 2IU								10
EAU	Z 035806.41	P I009.68	S 3E								20
ESY	Z 035808.61	P IU									33
EBH	Z 035811.55	P ED18.0	S 3E	15.4H0.33M				0.25	200		50
ELO	Z 035815.72	P 1E									78
EDU	Z 035816.10	P 1E									78
EAB	Z 035816.7	P 2E		9.5H0.12M				0.25	200		84
ESK	Z 035813.04	P ID20.01	S 2EU	11.3H1.0 M				0.25	200		60
ESK NS0358		IU		EU10.7H1.0 ML				0.25	200		60
ESK EW0358		EU		E 18.0H0.16ML				0.25	200		60
ECK	Z 035815.69	P ID24.59	S 2EU								74
XAL	Z 035824.39	P 2EU39.3	S 3E								124
	-1										
211186	LOWNET	LN 513 813	25.0		5.00WR	LROSEWELL, LOTHIAN	1				
	11132.03	329.05/ 662.33	0.1 1.3			55.849 -3.133					2
	10 9 122 0.08	0.3 0.3 B A*B									3
EDI	Z 011134.26	P ID35.80	S 2EU	4.4H0.20M				10.0	200		9
EDI	NS0111	ID	EU	3.7H0.19ML				10.0	200		9
EDI	EW0111	IU	EU	4.8H0.19ML				10.0	200		9
EBL	Z 011134.66	P ED36.25	S 2EU								10
EAU	Z 011136.39	P ID39.47	S 2EU								20
ESY	Z 011138.60	P EU43.37	S 3E								33
EBH	Z 011141.52	P ID48.21	S 2EU								50
ELO	Z 011145.89	P 2ED									78
EDU	Z 011146.05	P 2EU									78
EAB	Z 011146.84	P 2EU									84
	-1										
211186	LOWNET	LN 513 1052	12.5		5.00WR	LLASSWADE, LOTHIAN	1				
	183530.89	330.59/ 666.38	2.0 0.7			55.886 -3.110					2
	7 6 132 0.10	0.5 0.9 B A*B	COALFIELD TYPE EVENT								3
EDI	Z 183532.60	P E 33.91	S 2E	12.3H0.29M				1.0	200		6
EDI	NS1835	E	ED	6.2H0.5 ML				1.0	200		6
EDI	EW1835	E	E	6.9H0.25ML				1.0	200		6
EBL	Z 183533.70	P E 35.9	S 2E								13
EAU	Z 183535.02	P E 38.35	S 2E								22
ESY	Z 183536.7	P E									31
	-1										
211186	LOWNET	LN 513 1075	12.5		5.00WR	LWESTERN NORTH SEA	1				
	201815.09	524.61/ 651.69	5.0 1.8			55.743 -0.015					2
	15144 323 0.95	4.5 3.9 0 0*D									3
XSO	Z 201837.0	P 2E 53.8	S 3E					0.25	200		144
ESY	Z 201840.12	P EU59.19	S 2E								164
EDI	Z 201845.1	P 3E 69.12	S 2E	3.9H0.11M				0.25	200		200
EDI	NS2018	E	E	3.4H0.20ML				0.25	200		200
EDI	EW2018	E	EU	4.3H0.10ML				0.25	200		200
EBL	Z 201844.6	P 3E 67.2	S 3E								190
ECK	Z 201846.70	P 2E 70.2	S 3E								206
ESK	Z 201847.09	P 1E 70.60	S 2E	6.3H0.20M				0.25	200		207
ESK	NS2018	E	ED	10.8H0.12ML				0.25	200		207
ESK	EW2018	E	EU	8.1H0.10ML				0.25	200		207
EBH	Z 201850.20	P 2E 77.3	S 3E								225
ELO	Z 201852.1	P 3E									244
	-1										
251186	LOWNET	LN 513 2142	12.5		5.00WR	LROSEWELL, LOTHIAN	1				
	144 4.32	329.18/ 662.69	0.9 1.1			55.852 -3.131					2
	9 9 120 0.12	0.6 0.7 B A*B									3
EDI	Z 014406.42	P ID07.90	S 2E	26.6H0.22M				1.0	200		9
EDI	NS0144	ID	ED	16.0H0.28ML				1.0	200		9
EDI	EW0144	IU	EU	22.7H0.22ML				1.0	200		9
EBL	Z 014406.89	P 1ED08.31	S 2E								10
EAU	Z 014408.60	P ID11.5	S 3E								20
ESY	Z 014410.75	P 2EU									33
EBH	Z 014413.70	P 1ED20.3	S 2ED								50
EDU	Z 014418.2	P 2E									78
	-1										
261186	LOWNET	LN 132 2172	25.0		5.00WR	LLENZIE, STRATHCLYDE	1				
	5 910.12	266.23/ 671.16	10.6 0.9			55.915 -4.141					2
	23 9 79 0.18	0.5 1.1 B B*A									3
PCO	Z 050912.80	P ID14.33	S 2EU					1.0	200		9
PCA	Z 050914.86	P 1E 18.11	S 3EU								25
PGB	Z 050914.87	P ID18.11	S 2E	9.9H0.10M				1.0	200		24
PGB	NS0509	ID	ED	7.7H0.12ML				1.0	200		24
PGB	EW0509	ID	ED	6.9H0.10ML				1.0	200		24

Table 5 (cont'd)

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EAB Z 050916.11	P	IU20.12	S 2EU			33
PMS Z 050917.05	P	IU21.46	S 3E			39
EAU Z 050917.82	P	IU23.03	S 2EU			44
EBH Z 050919.40	P	IU25.65	S 2E			54
EDI Z 050920.52	P	EU27.32	S 2E	2.9HO.11M	1.0 200	60
EDI NS0509	E		EU	4.1HO.11ML	0.25 200	60
EDI EW0509	E		EU	4.9HO.09ML	0.25 200	60
ELO Z 050921.58	P	IE 28.59	S 3E			67
EBL Z 050921.90	P	IU30.10	S 3E			71
ESK Z 050925.01	P	IE034.98	S 2E	4.5HO.20M	0.25 200	89
ESK NS0509	E		EU	7.4HO.12ML	0.25 200	89
ESK EW0509	E		EU	6.7HO.14ML	0.25 200	89
ESY Z 050926.48	P	2E				96
EDU Z 050926.50	P	2EU37.7	S 3E			99
ECK Z 050927.59	P	2E 39.22	S 3E			104
-1						
261186 LOWNET	LN 514	184	12.5	5.0DWR	LKIRKCALDY, FIFE	1
61348.34	331.71/	689.85	0.9-0.2		56.097 -3.098	2
7 20 180 0.07	0.5	1.0 B A*C	OFFSHORE, COALFIELD TYPE			3
EDI Z 061352.53	P	I055.71	S 2E	7.5HO.13M	0.25 200	20
EDI NS0613	IU		E	6.4HO.15ML	0.25 200	20
EDI EW0613	EU		EU	2.2HO.16ML	0.25 200	20
EBH Z 061354.33	P	EU59.10	S 2IU			31
EAU Z 061355.18	P	2E				36
ESY Z 061355.30	P	ED				36
EBL Z 061355.40	P	10				36
-1						
271186 LOWNET	LN 514	520	12.5	5.0DWR	LROSEWELL, LOTHIAN	1
64047.22	329.21/	662.88	2.2 1.0		55.854 -3.131	2
7 8 118 0.06	0.4	0.6 B A*B				3
EDI Z 064049.10	P	I050.61	S 2EU	7.4HO.20M	2.5 200	9
EDI NS0640	ID		E	6.3HO.20ML	2.5 200	9
EDI EW0640	IU		IU	9.5HO.20ML	2.5 200	9
EBL Z 064049.52	P	I051.10	S 3EU			11
EAU Z 064051.22	P	I054.16	S 3EU			20
ESY Z 064053.43	P	1EU58.50	S 3E			33
EDU Z 064100.82	P	2E				78
-1						
281186 LOWNET	LN 514	771	12.5	5.0DWR	LROSEWELL, LOTHIAN	1
6 9 186 0.03	0.4	0.4 C A*0			55.857 -3.114	2
EDI Z 004930.81	P	EU32.22	S 2E	13.3HO.29M	0.25 200	9
EDI NS0049	EU		ED	10.6HO.20ML	0.25 200	9
EDI EW0049	E		ED	7.0HO.21ML	0.25 200	9
EBL Z 004931.02	P	EU32.80	S 3EU			10
EAU Z 004932.90	P	1E036.02	S 3E			21
-1						
011286 WALES				5.0	LLEYN AFTERSHOCK	1
148 4.49	240.00/	343.12	1.7 0.1		52.961 -4.382	2
6 9 186 0.03	0.4	0.4 C A*0				3
EDI Z 004930.81	P	EU32.22	S 2E	13.3HO.29M	0.25 200	9
EDI NS0049	EU		ED	10.6HO.20ML	0.25 200	9
EDI EW0049	E		ED	7.0HO.21ML	0.25 200	9
EBL Z 004931.02	P	EU32.80	S 3EU			10
EAU Z 004932.90	P	1E036.02	S 3E			21
-1						
WCB Z 014813.56	P	3E				48
WCB NS0148				6.0 HO.08ML	0.25 200	48
WCB EW0148		18.73	S 3	12.0HO.07ML	0.25 200	48
YRC Z 014810.60	P	3E 15.41	S 3			35
YRE Z 01487.95	P	3E010.7	S 3			4
WPM Z 014812.63	P	2EU				46
WLF Z 014811.5	P	3E 15.54	S 3			37
WME Z 014812.9	P	2E				49
YLL Z 01489.75	P	2IU12.87	S 2			25
WST Z 01487.47	P	3E				27
WST NS0148		13.6	S 3	4.0 HO.06ML	1.0 200	27
WST EW0148				10.7HO.07ML	1.0 200	27
YRH Z 01489.31	P	1IU12.45	S 3			22
WVR Z 014814.0	P	3E				55
WBR Z 014811.06	P	2E 15.7	S 3			35
WLC Z 014811.96	P	2E 16.71	S 3			41
WFB Z 014811.57	P	2E 16.32	S 3			39
-1						
011286 LOWNET	LN 514	2043	12.5	5.0DWR	LMARYPORT, CUMBRIA	1
211250.05	302.37/	535.93	7.6 1.5		54.709 -3.515	2
16 23 186 0.41	3.5	7.9 D C*D				3
XOE Z 211254.69	P	I057.10	S 2E		1.0 200	23
ECK Z 211259.55	P	EU66.19	S 3E			58
ESK Z 211301.71	P	EU09.71	S 2E	6.0HO.10M	1.0 200	71
ESK NS2113	EU		EU	6.7HO.09ML	1.0 200	71
ESK EW2113	EU		E	8.5HO.09ML	1.0 200	71
XAL Z 211304.92	P	2EU15.01	S 3E			85
EBL Z 211310.32	P	2E 24.05	S 3E			122
EAU Z 211310.97	P	3E 24.81	S 3E			127
EDI Z 211312.42	P	3E 28.19	S 2E	5.0HO.11M	0.25	137
EDI NS2113	E		EU	7.0HO.12ML	0.2 200	137
EDI EW2113	E		E	7.9HO.12ML	0.2 200	137
ESY Z 211313.6	P	3E 30.4	S 3E			146
-1						
021286 LOWNET	LN 514	2284	12.5	5.0DWR	LROSEWELL, LOTHIAN	1
1451 5.58	328.95/	662.47	0.5 1.1		55.850 -3.135	2
10 9 122 0.12	0.4	0.4 B A*B				3
EDI Z 145107.77	P	I009.26	S 2IU10.9HO.20M		2.5 200	9
EDI NS1451	ID		ID	9.2HO.21ML	2.5 200	9
EDI EW1451	IU		IU	11.1HO.20ML	2.5 200	9
EBL Z 145108.16	P	I009.67	S 3EU			10
EAU Z 145109.88	P	I012.67	S 3EU			20

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ESY Z 145112.18	P 1E016.58	S 3E	33
EBH Z 145115.06	P 1EU21.67	S 3E	50
EDU Z 145119.22	P 2E		78
-1			
021286 LOWNET LN 514 2340	12.5	5.0DWR	ROSEWELL, LOTHIAN
185111.87 328.93/ 662.28	0.9 1.3	55.849	-3.135
9 9 123 0.08 0.4 0.5 B A*B	P 1O15.53	S 2E 14.9H0.20M	2.5 200
EDI Z 185114.07	ID	EU12.4H0.21ML	2.5 200
EDI NS1851	IU	EU18.5H0.20ML	2.5 200
EDI EW1851	ED		9
EBL Z 185114.35	P IU15.98	S 2EU	10
EAU Z 185116.07	P IO19.09	S 2EU	20
ESY Z 185118.35	P IU		34
EBH Z 185121.26	P 1E027.98	S 2E	50
ELO Z 185125.74	P 2EU		78
-1			
031286 LOWNET LN 515 24	12.5	5.0DWR	LROSEWELL, LOTHIAN
111730.44 329.06/ 662.01	0.4 1.7	2+ 55.846	-3.133
9 9 97 0.06 0.3 0.3 B A*B FELT	P IU33.80	S 3E 5.0H0.20M	1
EDI Z 111732.68	ID	EU 5.0H0.15M	2
EDI NS1117	IU	EU 5.4H0.19M	3
EDI EW1117	ED		9
EBL Z 111732.98	P EU34.59	S 2EU	10
EAU Z 111734.79	P IO37.77	S 2EU	20
ESY Z 111736.97	P EU		33
EBH Z 111739.94	P 1E046.67	S 3E0	51
ESK Z 111740.80	P 1E 48.51	S 3E 4.8H1.00M	0.25 200
ESK NS1117	E	E 7.4H1.10ML	59
ESK EW1117	E	E 7.9H0.29ML	59
EDU Z 111744.56	P 2E0		78
ELO Z 111744.73	P 2E		78
EAB Z 111745.20	P 3E		84
-1			
031286 LOWNET LN 515 54	12.5	5.0DWR	LROSEWELL, LOTHIAN
1328 4.43 329.49/ 662.71	1.6 1.5	55.852	-3.126
8 9 118 0.09 0.5 1.0 B A*B	P 1O07.27	S 3E 7.0H0.7 M	1
EDI Z 132806.38	ID	ED 8.6H0.7 ML	2
EDI EW1328	IU	E 18.0H0.29ML	3
EBL Z 132806.80	P IO08.39	S 2EU	10
EAU Z 132808.49	P IO11.70	S 2EU	21
ESY Z 132810.68	P IU		33
EBH Z 132813.48	P 1E 19.99	S 3E	50
EDU Z 132818.09	P 2E		78
ELO Z 132818.37	P 2E		78
EAB Z 132818.91	P 2E		84
-1			
031286 LOWNET LN 515 104	12.5	5.0DWR	LROSEWELL, LOTHIAN
17 7 0.06 328.37/ 663.12	1.3 0.7	55.856	-3.144
7 8 121 0.03 0.2 0.3 B A*B	P EU03.50	S 2E 8.6H0.19M	1
EDI Z 170702.10	ID	E 10.9H0.12ML	2
EDI NS1707	IU	E012.7H0.19ML	3
EDI EW1707	ED		8
EBL Z 170702.65	P E004.55	S 3EU	11
EAU Z 170704.01	P EU07.03	S 3EU	20
ESY Z 170706.50	P EU		34
-1			
041286 WALES 103957.08 237.57/ 345.79	23.6-0.2	5.0	LLEYN AFTERSHOCK
8 1 179 0.05 0.5 0.5 B A*C		52.984	-4.420
YRC Z 10403.27	P 3E 7.75		2
YRE Z 10400.91	P 3ED3.49	S 3	31
WLF Z 10403.81	P 3E 8.32	S 3	1
YLL Z 10402.56	P 2E 6.2	S 2	34
-1			24
081286 LOWNET LN 515 1560	12.5	5.0DWR	LROSEWELL, LOTHIAN
23337.87 329.12/ 662.31	0.3 0.7	55.849	-3.132
10 9 122 0.20 0.7 0.7 B B*B	P IU41.50	S 3E 7.6H0.30M	1
EDI Z 023340.21	ID	E 3.9H0.7 ML	2
EDI NS0233	IU	E 4.6H0.4 ML	3
EDI EW0233	ED		9
EBL Z 023340.52	P ID42.09	S 2EU	10
EAU Z 023342.30	P IO44.70	S 2EU	20
ESY Z 023344.30	P 1E 49.02	S 3E	33
EBH Z 023347.60	P 1E 54.12	S 3E	50
EDU Z 023351.91	P 2E		78
-1			
091286 LOWNET LN 515 2037	12.5	5.0DWR	LROSEWELL, LOTHIAN
13 644.77 328.98/ 662.57	2.5 1.1	55.851	-3.135
10 9 121 0.09 0.4 2.1 B B*B	P IO47.84	S 2E 19.5H0.31M	1
EDI Z 130646.58	ID	E 9.8H0.7 ML	2
EDI NS1306	IU	E 17.7H0.30ML	3
EDI EW1306	ED		9
EBL Z 130646.94	P EU48.53	S 2EU	10
EAU Z 130648.70	P IO51.50	S 3E	20
ESY Z 130650.94	P EU55.58	S 3E	33
EBH Z 130653.81	P 1E060.12	S 3E	50
ELO Z 130658.1	P 2E		78
EDU Z 130658.26	P 2E		78
EAB Z 130658.9	P 3E		84
-1			
101286 LOWNET LN 516 153	12.5	5.0DWR	LLASSWADE, LOTHIAN

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6	7	2223	0.18	330.19/	665.03	1.7	0.1		55.873	-3.116	2
EDI	Z	222302.04	119.08	0.7	1.1 B A*B	P	EU03.39	S 2E	9.7H0.24M	0.25	200
EDI	NS2223						EU	E	9.5H0.20ML	0.25	200
EDI	EW2223						E	EU	9.4H0.30ML	0.25	200
EBL	Z	222302.93				P	E 04.80	S 2E			12
EAU	Z	222304.3				P	2E				21
ESY	Z	222306.1				P	2E				32
		-1									
131286	LOWNET	LN 516	1031		12.5		5.0DWR		LROSEWELL,LOTHIAN	1	
	134923.08	134923.08	330.88/	662.89	2.0	0.5			55.854	-3.104	2
6	9	169.06	0.3	0.4 B A*C		P	I026.68	S 2EU	20.7H0.32M	0.25	200
EDI	Z	134925.17						E	10.0H0.8 ML	0.25	200
EDI	NS1349						E	E	8.0H0.6 ML	0.25	200
EDI	EW1349										9
EBL	Z	134925.32				P	I026.79	S 2EU			10
ESY	Z	134929.02				P	2E				32
EBH	Z	134932.47				P	2E				51
		-1									
151286	LOWNET	LN 516	1784		12.5		5.0DWR		LROSEWELL,LOTHIAN	1	
	2012	3.90	328.97/	662.61	1.6	1.4			55.852	-3.135	2
10	9	121.08	0.3	0.5 B A*B		P	I007.38	S 2EU	15.6H0.20M	2.5	200
EDI	Z	201205.89						ID	ED13.0H0.27ML	2.5	200
EDI	NS2012							IU	IU18.9H0.20ML	2.5	200
EDI	EW2012										9
EBL	Z	201206.29				P	I007.76	S 2EU			10
EAU	Z	201207.95				P	I010.91	S 2EU			20
ESY	Z	201210.20				P	IU14.84	S 2EU			33
EBH	Z	201213.05				P	I019.80	S 2EU			50
ELO	Z	201217.48				P	2E				78
EDU	Z	201217.68				P	2E				78
		-1									
161286	LOWNET	LN 516	2125		12.5		5.0DWR		LLASSWADE,LOTHIAN	1	
	2048	5.21	330.07/	664.70	0.7	0.6			3+	55.870	-3.118
8	7	111.03	0.2	0.3 B A*B FELT BONNYRIGG		P	I008.41	S 2EU	9.5H0.26M	1.0	200
EDI	Z	204807.02						ID	EU 9.8H0.19ML	1.0	200
EDI	NS2048							EU	IU 7.2H0.20ML	1.0	200
EDI	EW2048										7
EBL	Z	204808.00				P	I010.11	S 3EU			12
EAU	Z	204809.60				P	I012.80	S 3EU			21
ESY	Z	204811.38				P	2E				32
EBH	Z	204814.33				P	2E				49
		-1									
171286		62617.81	186.76/	843.60	1.2	0.2		5.0		KINLOCHewe,HIGHLAND	1
5	12	214.06	1.1	1.1 C B*D						57.433	-5.553
KYL	Z	062620.50				P	1	S 2			3
KYL	NS0626								11.0H0.20ML	0.25	200
KYL	EW0626								10.0H0.20ML	0.25	200
KSB	Z	062626				P	26.70	S 2			12
KAC	Z	062621.45				P	1	S 2			26
		-1									17
191286		21543.76					5.0			ATLANTIC,NW OF IRELAND	1
	15329	288.022	7.4	6.4 D D*D			5.0	3.1		56.082	-10.956
KPL	Z	021633.40				P	65.00	S 4			2
KPL	NS0216								8.0H0.25ML	0.25	200
KPL	EW0216								12.0H0.20ML	0.25	200
KAR	Z	021630.40				P					354
KSB	Z	021635.09				P	69.70	S 2			329
KAC	Z	021636.85				P	73.50	S 2			362
EAB	Z	021640.5				P	EU78.3	S 4E			380
ELO	Z	021645.6				P	E 87.0	S 4E			412
EBH	Z	021647.2				P	E 92.1	S 4E			451
EAU	Z	021647.8				P	E 93.2	S 2E			463
EDI	Z	021650.0				P	E 96.8	S 1E	2.6H0.22M	0.25	200
EDI	NS0216							E	3.4H0.22ML	0.25	200
EDI	EW0216							E	4.1H0.28ML	0.25	200
PGB	Z	021641.10				P	4E 78.0	S 3E			406
PGB	NS0216							E	10.0H0.30ML	0.25	200
PGB	EW0216							E	7.0H0.30ML	0.25	200
DLE	Z	021642.3				2	82.10	3			406
		-1									422
191286	LOWNET	LN 517	778		25.0		5.0DWR		LROSEWELL,LOTHIAN	1	
	163155.08	163155.08	328.98/	662.63	2.3	1.7			5+	55.852	-3.134
11	9	99.09	0.3	0.5 B A*B FELT ROSLIN(5MSK),		P	I058.28	S 2EU	5.0H0.19M	LASSWADE,ROSEWELL	2
EDI	Z	163156.96						ID	EU 4.6H0.23M	10.0	200
EDI	NS1631							IU	ED 5.0H0.29M	10.0	200
EDI	EW1631										9
EBL	Z	163157.35				P	E 058.86	S 3EU			9
EAU	Z	163159.05				P	I061.79	S 2EU			20
ESY	Z	163201.26				P	EU05.71	S 3E			33
EBH	Z	163204.18				P	E 010.86	S 2E0			50
ESK	Z	163205.65				P	ED12.73	S 2E	2.2H0.80M	1.0	200
ESK	NS1632							E	2.7H1.0 ML	1.0	200
ESK	EW1632							E	3.6H0.12ML	1.0	200
ECK	Z	163208.20				P	1EU16.7	S 3E			60
ELO	Z	163208.51				P	2E				75
EDU	Z	163208.53				P	2E				78
EAB	Z	163209.51				P	2E				78
		-1									84
211286	LOWNET	LN 517	1451		12.5		5.0DWR		LROSEWELL,LOTHIAN	1	

PHASE DATA : 1986

11	9	102	0.07	329.41/	662.57	0.6	2.3	5+	55.851	-3.128	2	
EDI	Z	170959.77	0.2	0.2	B A*B	FELT	ROSLIN(5MSK),L/HEAD,ROSEWELL,LASSWADE		1.0	200	3	
EBL	Z	171000.14		P	IU60.83	S	2EU			9		
EAU	Z	171001.88		P	ID01.99	S	1ID			10		
ESY	Z	171004.13		P	ID05.10	S	2IU			21		
EBH	Z	171007.00		P	ID08.60	S	2EU			33		
ESK	Z	171008.43		P	ID13.66	S	2E			50		
ESK	NS1710			P	ID15.75	S	2EU	8.9H1.0 M	1.0	200	60	
ESK	EW1710					IU	E	7.5H1.0 ML	1.0	200	60	
ECK	Z	171011.11		P	ED19.82	S	3ED	E	ED	7.8H0.4 ML	1.0	200
EDU	Z	171011.50		P	2E						75	
ELO	Z	171011.75		P	2E						78	
EAB	Z	171012.30		P	2E						84	
<hr/>												
-1												
211286	LOWNET	LN 517	1531		12.5		5.0DWR	LROSEWELL,LOTHIAN	1			
	225627.06	328.75/	662.33	0.1	0.3			55.849	-3.138	2		
6	9	165	0.06	3.0	3.0	C C*C				3		
EDI	Z	225629.28		P	IU30.81	S	2ED	6.1H0.30M	1.0	200	9	
EDI	NS2256				IU	E	3.6H0.21ML	1.0	200	9		
EDI	EW2256				EO	EO	2.8H0.28ML	1.0	200	9		
EBL	Z	225629.60		P	ID31.51	S	2EU			10		
EAU	Z	225631.41		P	IU34.35	S	2E			20		
<hr/>												
-1												
241286		0 942.50	311.04/	91.23		5.3	2.2	5.0	NEAR SIDFORD,DEVON	1		
13	57	206	0.20	1.1	2.9	C B*D		50.713	-3.260	2		
HTL	Z	000957.4		P	69.0	S				3		
DYA	Z	000952.35		P	59.3	S				57		
DCO	Z	000953.15		P						62		
HGH	Z	001000.26		P	2E					108		
MCH	Z	001005.85		P	2E 21.86	S	2			144		
HTR	Z	001006.75		P	2E 24.15	S	2			152		
HAE	Z	001007.45		P	2EU25.84	S	2			156		
HCG	Z	001011.14		P	2E 32.31	S	2			181		
MCH	NS0010						12.5H0.10ML	1.0	200	144		
MCH	EW0010						9.0H0.09ML	1.0	200	144		
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-1												
241286	LOWNET	LN 517	2288		12.5		5.0DWR	LROSEWELL,LOTHIAN	1			
	54419.60	329.95/	662.91	0.8-0.2				55.854	-3.119	2		
6	9	181	0.12	2.6	2.4	D C*D				3		
EDI	Z	054421.98		P	E 23.30	S	2E	6.9H0.28M	0.25	200	9	
EDI	NS0544				EU	E	5.2H0.21ML	0.25	200	9		
EDI	EW0544				E	E	3.7H0.22ML	0.25	200	9		
EBL	Z	054422.11		P	E 23.95	S	2E			10		
EAU	Z	054423.72		P	E 27.22	S	2E			21		
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-1												
261286		2050 8.03	445.40/	223.00	23.5	2.9	5.0	OXFORD, OXFORDSHIRE	1			
20	74	224	0.21	1.6	1.8	C B*D		51.903	-1.340	2		
CWF	Z	205023.1		P	1					3		
MCH	Z	205026.17		P	1	39.28	1			93		
SBD	Z	205033.84		P	1					114		
HAE	Z	205021.83		P	1					172		
HCG	Z	205032.74		P	1					84		
HGH	Z	205025.00		P	1					166		
HTR	Z	205028.68		P	1					105		
HLM	Z	205027.52		P	1	42.25	2			134		
HPK	NS						17.0H0.15ML	2.5	200	126		
HPK	EW						18.0H0.25ML	2.5	200	114		
DYA	Z	205041.96		P	1	67.00	S	2		244		
DCO	Z	205042.62		P	1					250		
HTL	Z	205041.84		P	1	66.05	S	2		241		
HTL	NS2050						7.0H0.20ML	1.0	200	241		
HTL	EW2050						10.0H0.20ML	1.0	200	241		
CSA	Z	205049.04		P	1					303		
BFR	Z	205020.25		P	1IU					74		
WCB	Z	205045.7		P	3E					272		
YAC	Z	205043.91		P	3E					266		
BBR	Z	205021.76		P	1IU					84		
BZO	Z	205021.80		P	1ID31.30	S	2			85		
BSE	Z	205023.00		P	1IU					93		
<hr/>												
-1												
271286	LOWNET	LN 518	1008		12.5		5.0DWR	LNEWTONGRANGE,LOTHIAN	1			
	95140.28	334.70/	664.96	6.0	0.3			55.873	-3.044	2		
7	11	138	0.05	0.3	1.1	B A*C				3		
EDI	Z	095142.68		P	ED44.33	S	2E	7.2H0.7 M	0.25	200	11	
EDI	NS0951				ED		EU12.6H0.20ML	0.25	200	11		
EDI	EW0951				E		E 11.2H0.22ML	0.25	200	11		
EBL	Z	095142.79		P	ED44.49	S	2EU			11		
EAU	Z	095145.09		P	2E 48.82	S	3E			26		
ESY	Z	095145.40		P	1E 50.00	S	3E			27		
<hr/>												

TABLE 6 Typical depth / crustal velocity model for Britain

Depth to top of layer (km)	P-wave velocity (km/sec)
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.

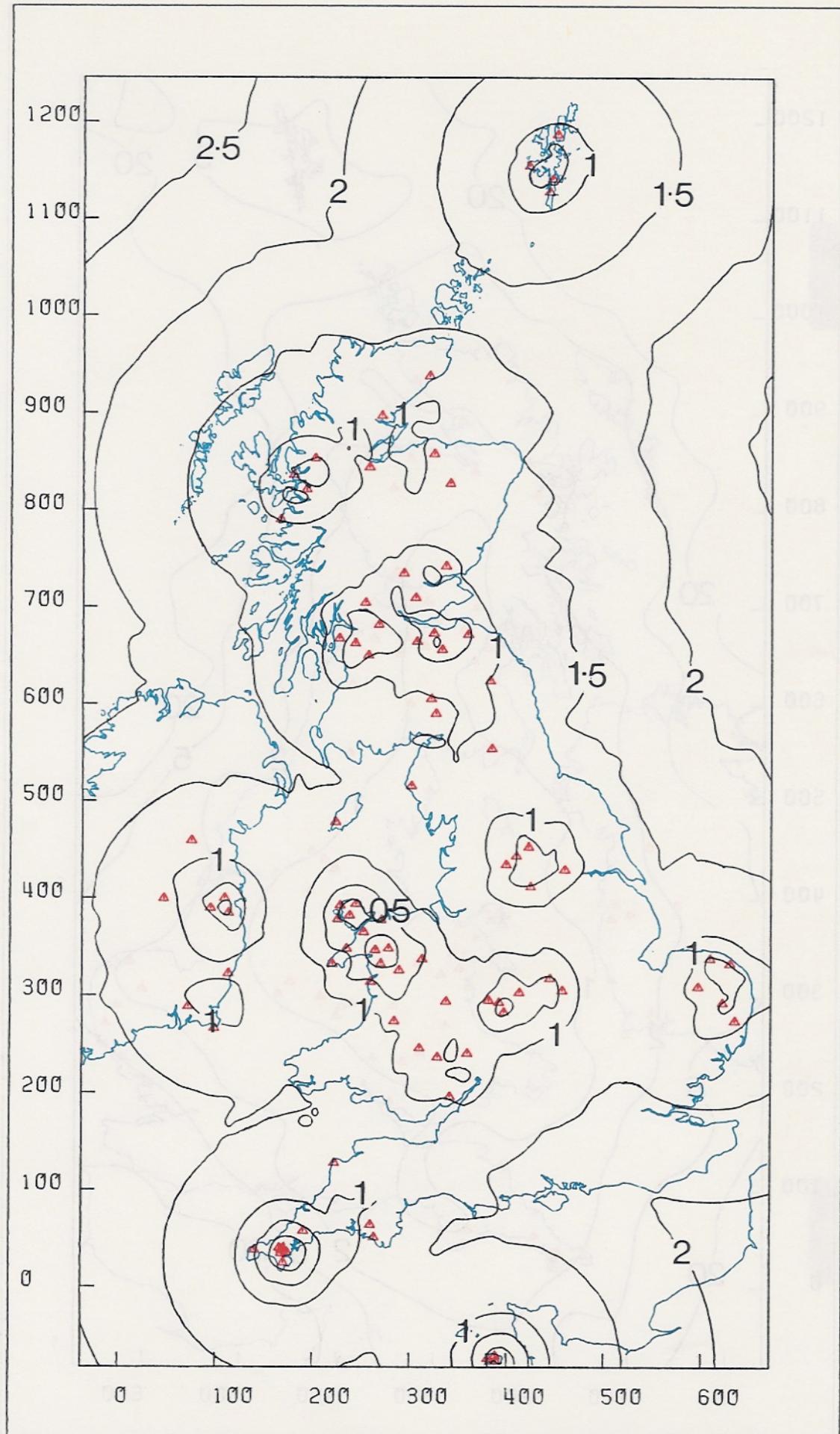


Fig.1 : BGS and DIAS seismographs (Δ) 1986, and their detection capabilities for magnitudes in 0.5ML steps, with average noise conditions

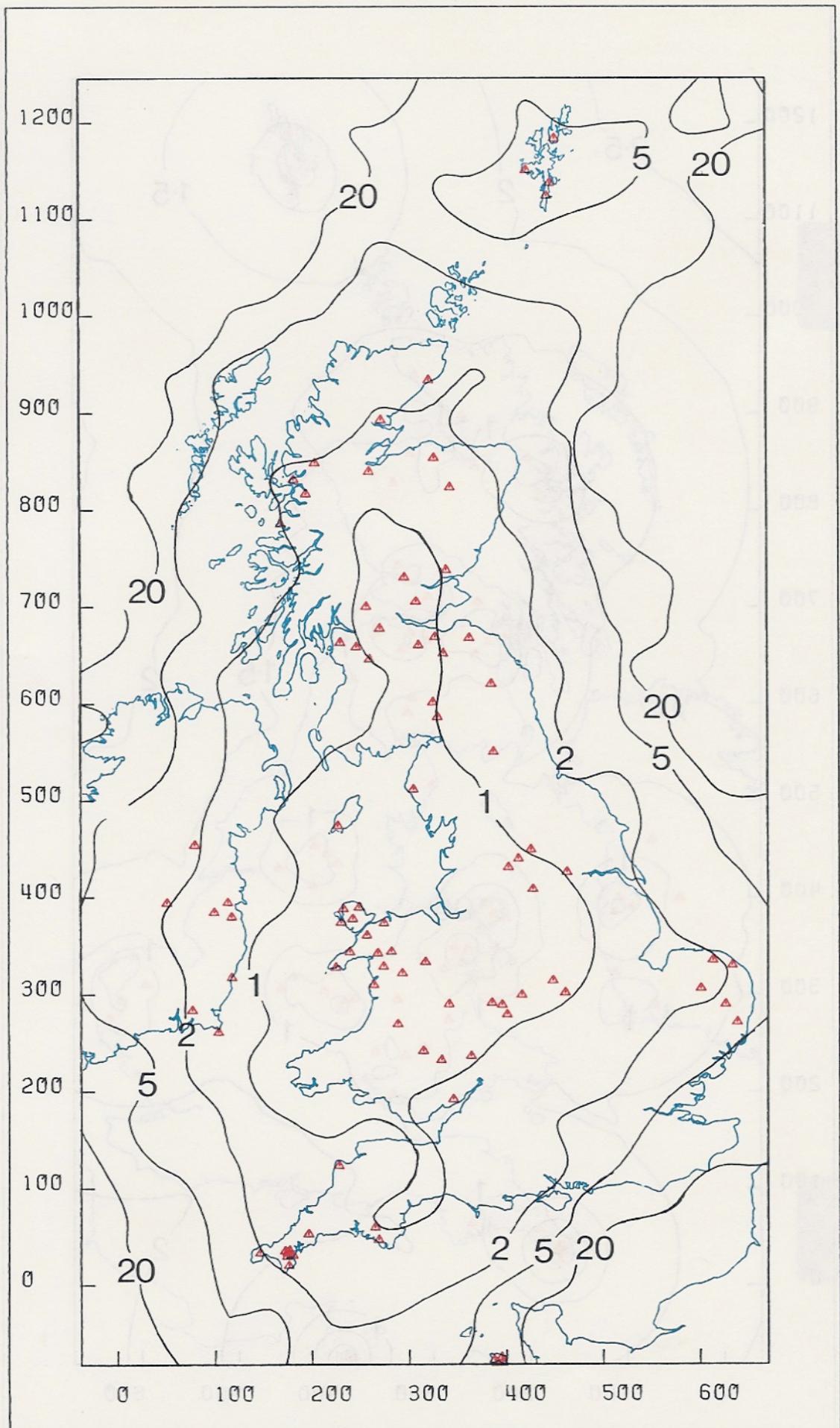


Fig.2 : Theoretical epicentral location errors in km for a magnitude 2.0ML earthquake

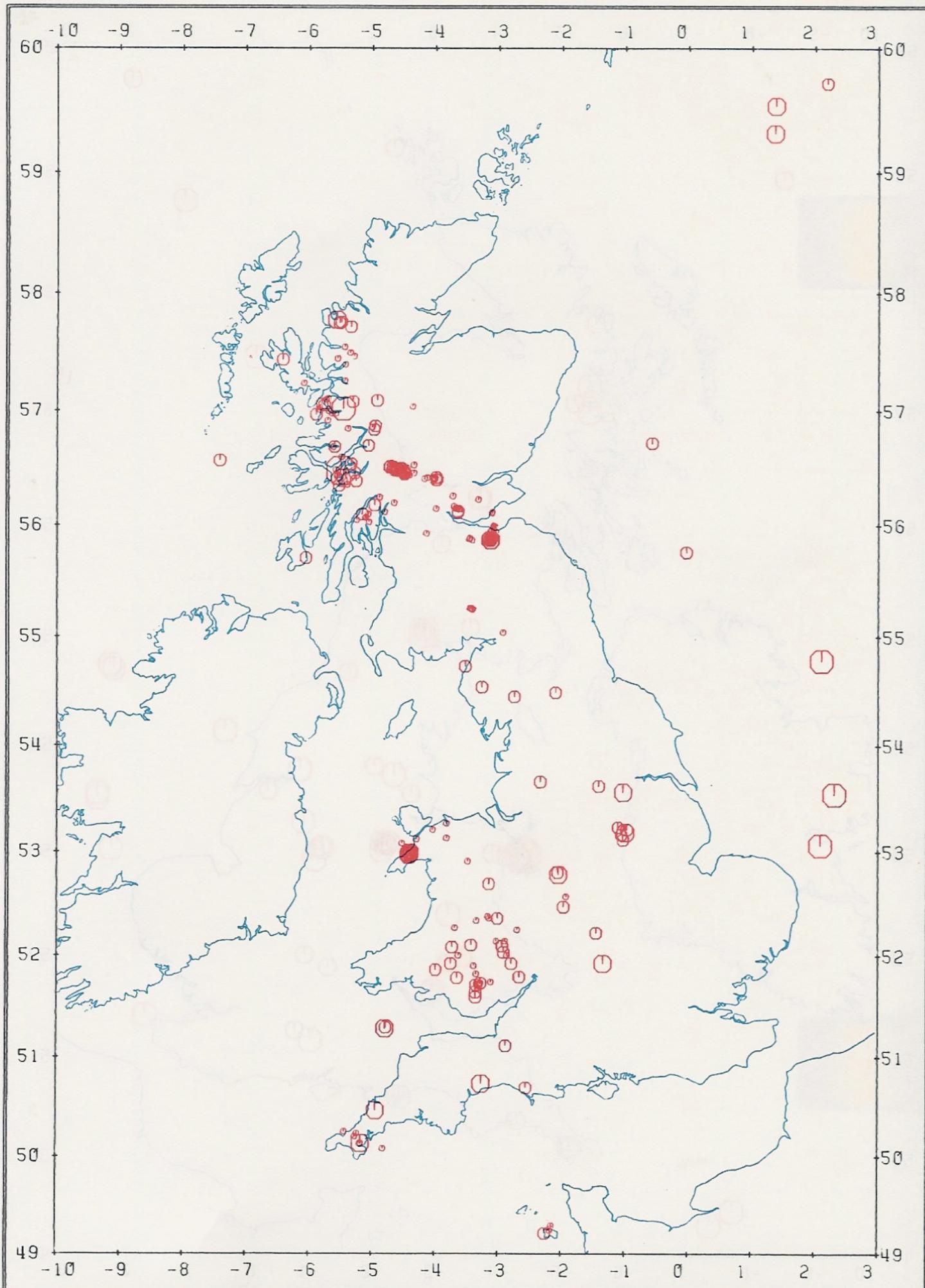


Fig.3 : Epicentres of all earthquakes, 1986

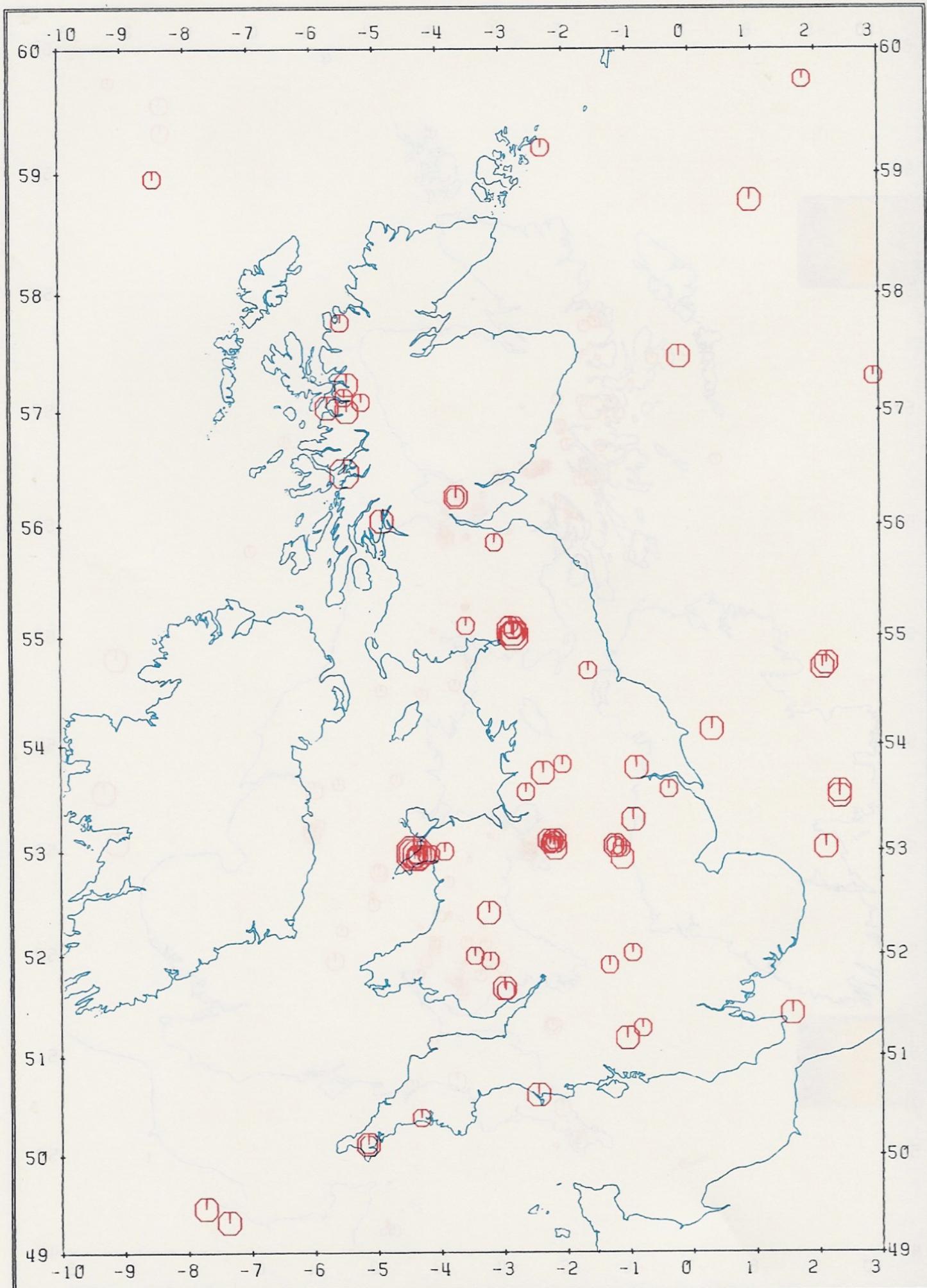


Fig.4 : Epicentres of earthquakes with magnitudes
2.5ML or greater, 1979-86

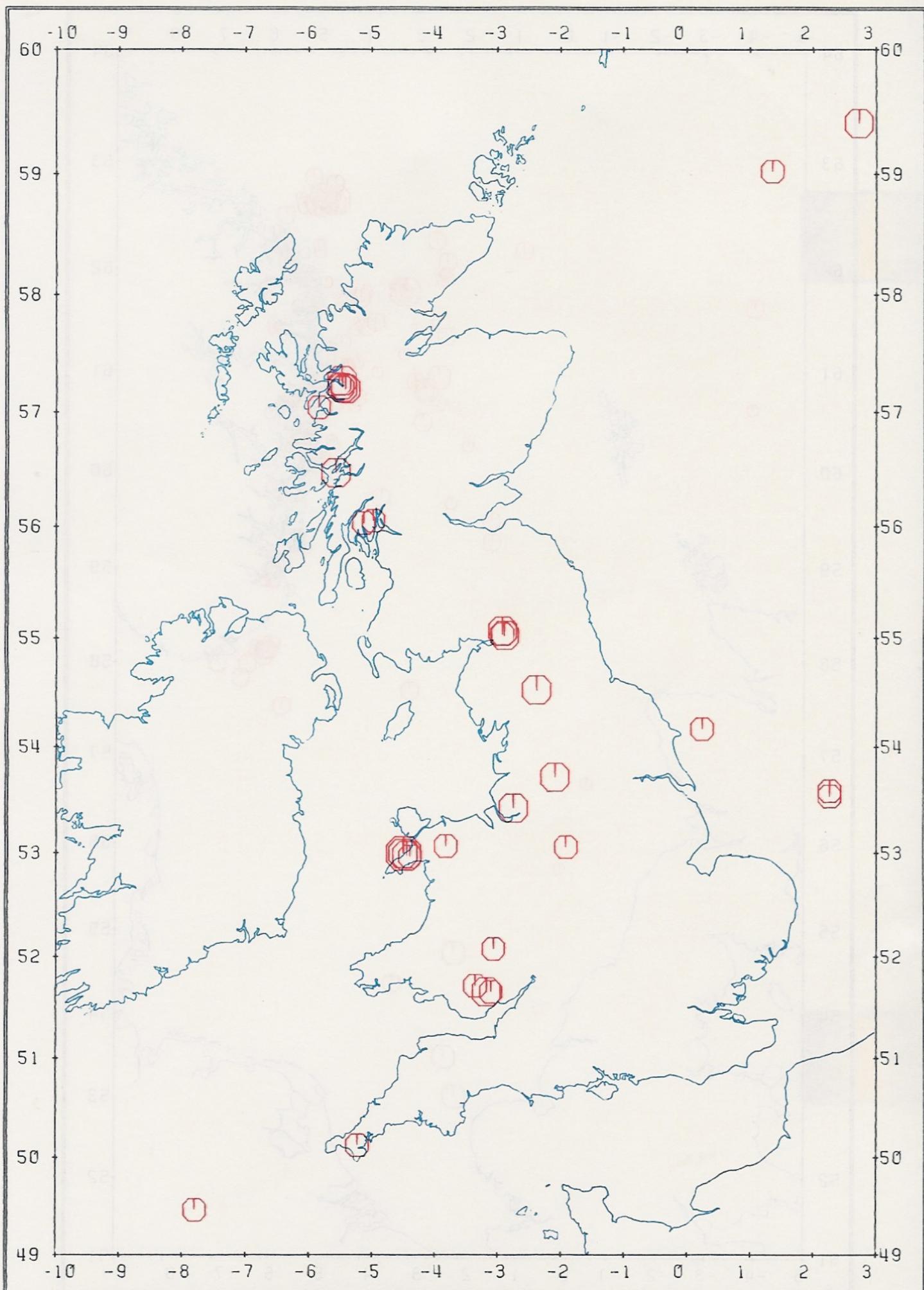


Fig.5 : Epicentres of earthquakes with magnitudes
3.5ML or greater, 1969-86

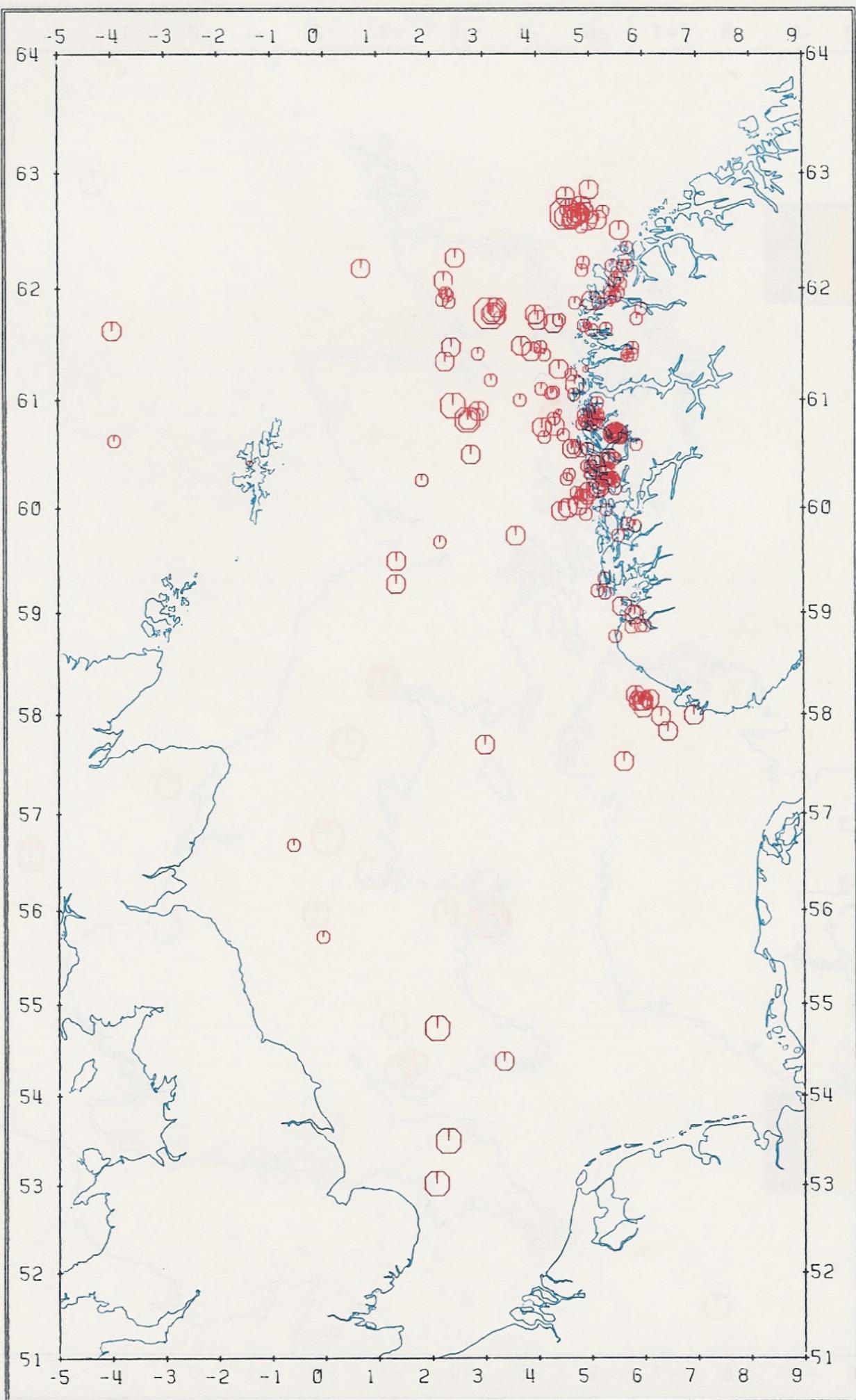
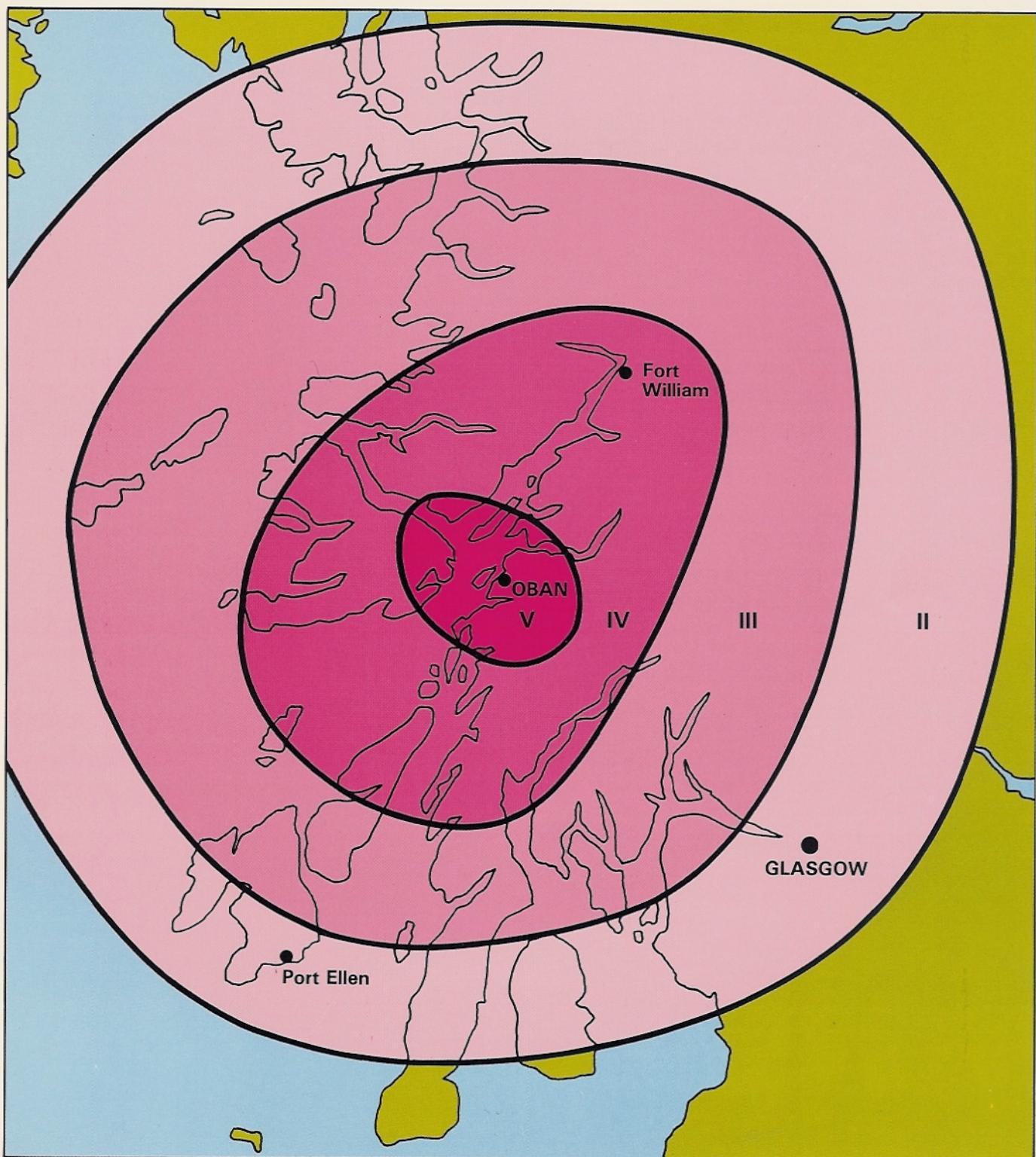


Fig.6 : Epicentres in the North Sea, 1986



Oban Earthquake 29th September 1986 01:33 GMT (4.2 ML) – MSK INTENSITIES