SHOT POINT 21		
TIME (MS)	V(RMS) (M/S)	V(INT) (M/S)
490	1500	1500
710	1600	1803
900	1750	2223
1160	1825	2064
1585	1960	2288
1850	2010	2286
1985	2060	2652
2200	2200	3217
2480	2290	2902
2640	2340	3011
2900	2470	3528
3470	2790	4043
3710	2830	3355
4010	2890	3549
6000	3400	4245

SHOT POINT 61		
TIME (MS)	V(RMS) (M/S)	V(INT) (M/S)
480	1500	1500
630	1600	1885
890	1750	2069
1190	1850	2119
1490	1920	2176
1780	1970	2209
1870	2000	2521
2110	2120	2889
2465	2300	3165
2850	2410	3021
3100	2640	4496
3490	2780	3709
4020	2870	3404
6000	3400	4279

SHOT POINT 101		
TIME (MS)	V(RMS) (M/S)	V(INT) (M/S)
490	1500	1500
690	1620	1882
870	1740	2139
1145	1830	2089
1490	1915	2173
1860	1985	2245
2210	2150	2872
2435	2235	2942
2650	2325	3171
2890	2450	3549
3050	2620	4736
3480	2770	3662
3680	2820	3580
4090	2890	3455
6000	3400	4293

SHOT POINT 141		
TIME (MS)	V(RMS) (M/S)	V(INT) (M/S)
480	1500	1500
710	1625	1859
890	1750	2174
1160	1835	2091
1580	1950	2237
1840	1990	2218
2190	2135	2775
2410	2250	3175
2530	2290	2982
2870	2460	3473
3075	2620	4271
3400	2760	3840
3950	2860	3414
6000	3400	4251

SHOT POINT 181		
TIME (MS)	V(RMS) (M/S)	V(INT) (M/S)
480	1500	1500
740	1670	1945
940	1760	2059
1170	1830	2092
1540	1935	2235
1780	1975	2215
2090	2110	2760
2360	2235	3033
2830	2450	3326
3100	2720	4694
3360	2760	3199
3650	2810	3335
4240	2900	3404
6000	3400	4376

SHOT POINT 221		
TIME (MS)	V(RMS) (M/S)	V(INT) (M/S)
480	1500	1500
630	1590	1849
900	1770	2132
1175	1835	2033
1420	1900	2185
1770	1960	2187
2030	2070	2702
2330	2175	2783
2770	2420	3438
2870	2460	3385
3000	2600	4733
3125	2720	4767
3450	2780	3302
4000	2870	3380
6000	3400	4267

SHOT POINT 261		
TIME (MS)	V(RMS) (M/S)	V(INT) (M/S)
480	1500	1500
630	1600	1885
870	1735	2047
980	1780	2067
1310	1880	2150
1775	1985	2255
2090	2070	2495
2300	2185	3106
2530	2330	3031
2580	2375	4271
2765	2490	4118
3020	2620	3091
3390	2770	3721
3750	2825	3298
4235	2910	3498
6000	3400	4356

SHOT POINT 301		
TIME (MS)	V(RMS) (M/S)	V(INT) (M/S)
480	1500	1500
620	1590	1866
810	1700	2018
910	1775	2291
1210	1850	2061
1550	1945	2251
1775	1985	2241
2030	2050	2455
2240	2150	2947
2560	2350	3438
2720	2500	3621
3190	2735	3030
3430	2785	3380
4070	2880	3343
6000	3400	4295

SHOT POINT 341		
TIME (MS)	V(RMS) (M/S)	V(INT) (M/S)
470	1500	1500
635	1570	1754
785	1640	1908
870	1740	2480
1090	1810	2064
1230	1850	2136
1740	1970	2233
2185	2090	2505
2375	2210	3289
2490	2325	4052
2720	2570	4215
2940	2660	4061
3210	2735	3448
3535	2790	3284
3880	2850	3404
4550	3000	3753
6000	3400	4426

SHOT POINT 381		
TIME (MS)	V(RMS) (M/S)	V(INT) (M/S)
470	1500	1500
630	1590	1829
780	1685	2036
860	1740	2206
1185	1835	2065
1525	1935	2249
1725	1950	2061
2010	2060	2229
2290	2280	3201
2390	2335	[illegible]
2720	2500	[illegible]
2990	2700	4108
3310	2750	3179
3640	2800	3259
3960	2870	3571
6000	3400	4244

SHOT POINT 421		
TIME (MS)	V(RMS) (M/S)	V(INT) (M/S)
470	1500	1500
630	1590	1829
860	1710	2002
1000	1780	2161
1170	1840	2159
1670	1960	2216
1970	2025	2354
2185	2190	3342
2330	2300	3566
2530	2390	4078
2840	2660	4566
3280	2750	3272
3910	2900	3581
4360	2940	3267
6000	3400	4395

SHOT POINT 461		
TIME (MS)	V(RMS) (M/S)	V(INT) (M/S)
470	1500	1500
635	1600	1856
835	1700	1984
970	1770	2153
1160	1830	2110
1600	1930	2172
1915	2040	2526
2010	2100	3069
2180	2200	3150
2430	2390	3728
2830	2670	3329
3130	2740	3186
3580	2800	3166
3840	2850	3466
6000	3400	4204

SHOT POINT 501		
TIME (MS)	V(RMS) (M/S)	V(INT) (M/S)
470	1500	1500
640	1600	1849
840	1700	1986
970	1770	2169
1150	1815	2040
1530	1940	2277
1875	2050	2480
2040	2125	2841
2310	2380	3787
2585	2520	3480
3135	2770	3727
3430	2830	3403
3880	2870	3158
6000	3400	4200

SHOT POINT 541		
TIME (MS)	V(RMS) (M/S)	V(INT) (M/S)
465	1500	1500
650	1600	1827
820	1725	2137
960	1770	2013
1260	1835	2029
1540	1930	2310
1750	2000	2453
1900	2065	2711
2380	2430	3521
2950	2760	3843
3355	2860	3503
4110	2910	3123
6000	3400	4276

SHOT POINT 581		
TIME (MS)	V(RMS) (M/S)	V(INT) (M/S)
465	1500	1500
650	1600	1827
850	1735	2115
1080	1800	2022
1280	1870	2210
1500	1910	2128
1760	1960	2227
2120	2200	3118
2400	2425	3709
2730	2580	3507
2950	2760	4421
3450	2820	3151
4160	2920	3364
6000	3400	4292

SHOT POINT 621		
TIME (MS)	V(RMS) (M/S)	V(INT) (M/S)
470	1500	1500
650	1600	1836
835	1750	2197
1070	1790	1925
1470	1850	2002
1750	1950	2408
1880	2045	3048
2010	2170	3511
2160	2320	3796
2260	2350	2924
2640	2560	3562
2965	2760	4032
3130	2790	3283
3630	2900	3511
4120	2950	3297
6000	3400	4222

SHOT POINT 661		
TIME (MS)	V(RMS) (M/S)	V(INT) (M/S)
465	1500	1500
720	1615	1806
800	1690	2255
930	1760	2141
1070	1810	2112
1430	1860	2001
1700	1930	2265
1970	2080	2848
2150	2225	3433
2330	2400	3928
2750	2625	3628
3070	2750	3652
3490	2860	3562
4010	2920	3295
6000	3400	4204

SHOT POINT 701		
TIME (MS)	V(RMS) (M/S)	V(INT) (M/S)
470	1500	1500
780	1660	1877
920	1745	2158
1010	1780	2105
1350	1865	2097
1680	1925	2153
1910	2050	2799
2030	2150	3363
2180	2250	3319
2560	2500	3614
3050	2815	4083
3730	2870	3105
6000	3400	4126

SHOT POINT 741		
TIME (MS)	V(RMS) (M/S)	V(INT) (M/S)
470	1500	1500
800	1690	1929
980	1750	1995
1130	1800	2098
1660	1945	2223
1990	2160	3017
2250	2350	3476
2630	2580	3657
2950	2760	3939
3250	2840	3531
3720	2945	3588
4380	3020	3412
6000	3400	4261

SHOT POINT 781		
TIME (MS)	V(RMS) (M/S)	V(INT) (M/S)
460	1500	1500
770	1680	1916
940	1740	1989
1240	1830	2087
1650	1970	2343
2000	2165	2913
2250	2340	3433
2400	2420	3401
2800	2660	3794
3100	2820	4017
3465	2860	3180
4110	2960	3448
6000	3400	4201

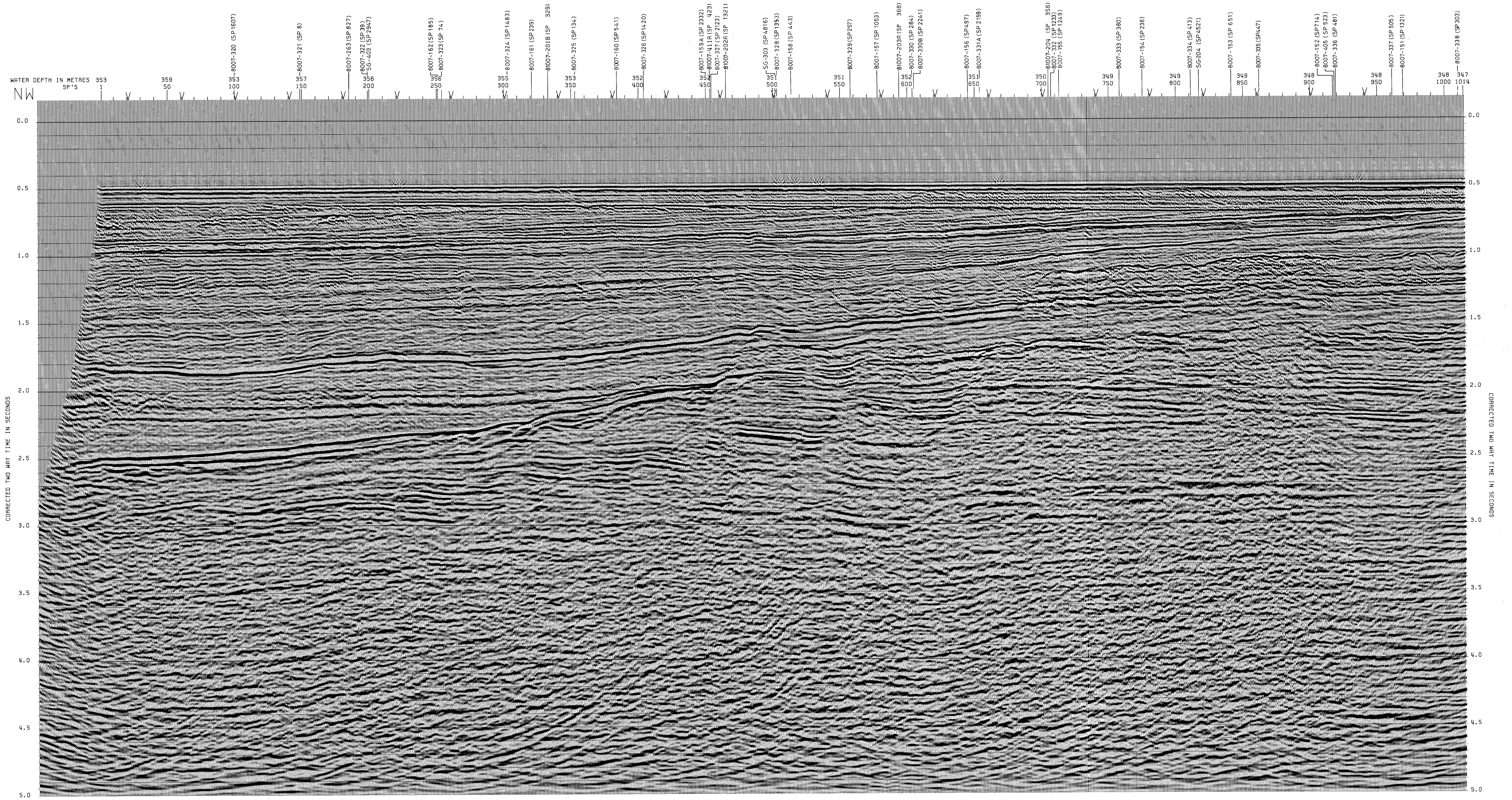
SHOT POINT 821		
TIME (MS)	V(RMS) (M/S)	V(INT) (M/S)
465	1500	1500
750	1675	1927
930	1735	1965
1240	1840	2124
1630	1950	2265
1830	2035	2627
1980	2160	3326
2250	2340	3379
2700	2590	3588
2980	2750	3975
3230	2840	3750
3930	2960	3460
4520	3060	3657
6000	3400	4274

SHOT POINT 861		
TIME (MS)	V(RMS) (M/S)	V(INT) (M/S)
480	1500	1500
735	1650	1901
880	1720	2038
1030	1760	1978
1230	1825	2129
1500	1920	2304
1970	2150	2759
2280	2380	3505
2700	2580	3470
2980	2770	4180
3400	2860	3431
4150	3000	3566
6000	3400	4160

SHOT POINT 901		
TIME (MS)	V(RMS) (M/S)	V(INT) (M/S)
470	1500	1500
720	1640	1875
850	1710	2055
1040	1765	1993
1350	1870	2186
1650	1975	2391
1990	2140	2806
2150	2300	3758
2320	2430	3699
2800	2650	3525
3030	2765	3902
3530	2890	3555
3980	2960	3460
6000	3400	4132

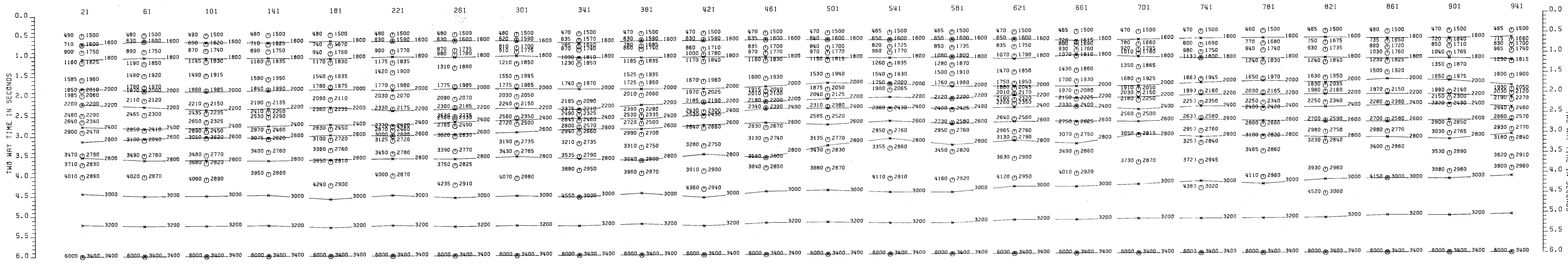
SHOT POINT 941		
TIME (MS)	V(RMS) (M/S)	V(INT) (M/S)
465	1500	1500
715	1660	1923
830	1700	1930
965	1740	1968
1230	1815	2065
1600	1900	2159
1930	2050	2660
2030	2120	3182
2190	2270	3675
2440	2460	3732
2660	2570	3570
2930	2770	4266
3180	2840	3559
3620	2910	3373
3900	2960	3543
6000	3400	4094

230007MA
8007-406



24.OCT.81 01.43.54
3105

24.OCT.81 01.44.50
3105



RECORDING PARAMETERS

CONTRACTOR
NAME SEFEL GEOPHYSICAL (UK) LTD.
VESSEL M.V. GOEL EGEDE

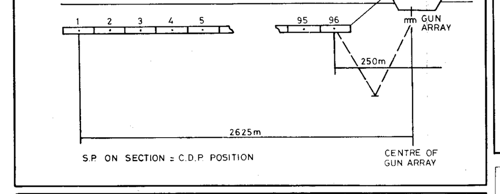
RECORDING
INSTRUMENTS LITTON 888/ TANDBERG
FORMAT SEG. C
GAIN 32db
FILTER LO: OUT
HI: 124Hz 72db/oct
DATA LENGTH 6.0secs
SAMPLING INTERVAL 2ms
PDP INTERVAL 25m
CDP INTERVAL 12½ m

NAVIGATION
SYLEDIS-GULEN/ PULSE 8

ENERGY SOURCE
SOURCE AIRGUNS
CAPACITY 3220cu.ins.
GUN DEPTH 7.5m
No. OF GUNS 18
PRESSURE 2000psi

CABLE
TYPE SECO CENTURY
LENGTH 2400m
CABLE DEPTH 10m AVERAGE
GROUP INTERVAL 25m
No. OF GROUPS 96

POLARITY
COMPRESSION = NEGATIVE NUMBER



PROCESSING SEQUENCE

1. DEMULTIPLEX AND EDIT, RESAMPLE TO 4ms
2. START OF DATA TO TIME BREAK STATIC CORRECTION-23ms
3. SPHERICAL DIVERGENCE CORRECTION (T EXP 0.3)
4. F-K FILTER: PASSING DIPS OF -12 TO +4ms PER TRACE
5. B.P. FILTER 5-8-65-65 ADJACENT TRACE SUMMATION
6. AVERAGED PREDICTIVE DECONVOLUTION; SINGLE OPERATOR
   ACTIVE LENGTH 200ms, PREDICTIVE GAP 28ms
   DERIVATION WINDOWS: NEAR TRACE 1500 – 4000ms
   FAR TRACE 2500 – 5000ms
   APPLICATION WINDOW 0 – 6000ms
7. VELOCITY ANALYSIS (40 CDPS @ 8 FUNCTIONS, EVERY 1Km)
8. SINGLE WINDOW BASE LEVEL (NEAR #1500 – 5000ms, FAR #2300 – 5800ms)
9. N.M.O. AND FRONT END MUTE
10. STACK 4800% AND GUN & CABLE STATIC (+12ms)
11. CONVERT TO ZERO PHASE (STANDARD OPERATOR)
11A. WAVE EQUATION MIGRATION (USING STACKING VELOCITIES -10%) 0.0-0.5sec ONLY
12. TIME VARIANT FILTER:

APPLICATION TIMES (s)	CUT-OFF Hz	BAND-PASS Hz	CUT-OFF Hz
0.0 – 1.0	5	10-55	65
2.5	5	8-45	55
3.0 – 6.0	5	8-40	44

13. TIME VARIANT EQUALISATION (1000ms WINDOWS)
14. DISPLAY 125. 8 L 11

SCALE
HORIZONTAL FULL SCALE SECTION 1:25,000
HALF SCALE SECTION 1:50,000
VERTICAL FULL SCALE SECTION 10cms/sec
HALF SCALE SECTION 5cms/sec

DISPLAY POLARITY
GEOPHONE : COMPRESSION
TAPE : NEGATIVE
DISPLAY : WHITE

PREPARED: MARINE PROCESSING GROUP M6
APPROVED: (signature)

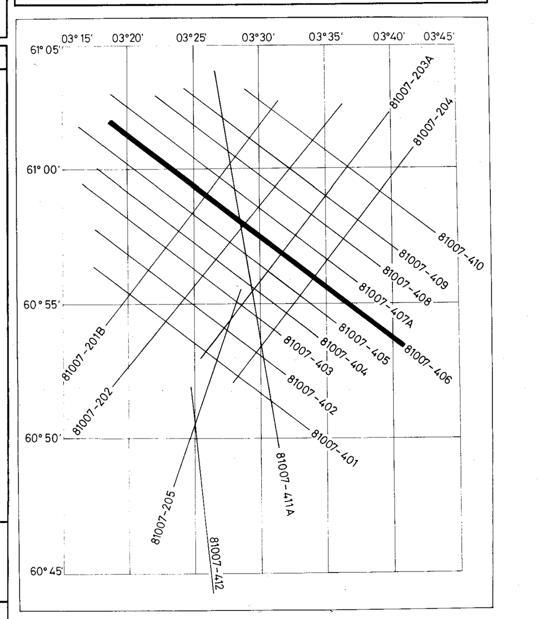
MILES 0 1 2
KILOMETRES 0 1 2 3

NORSKE SHELL

AREA : NORTH SEA, NORWEGIAN WATERS
BLOCK : 31/2

LINE 81007-406

SP's 1-1014

WAVE EQUATION MIGRATION

SECURITY No. 230007 /6483
DATE RECORDED 16th MAY 1981
DATE PROCESSED OCTOBER 1981
SEISMOGRAPH SERVICE (ENGLAND) LIMITED
LONDON SSL ENGLAND