

# SEAGULL SICILY

## LINE 8 SPS7020-7262

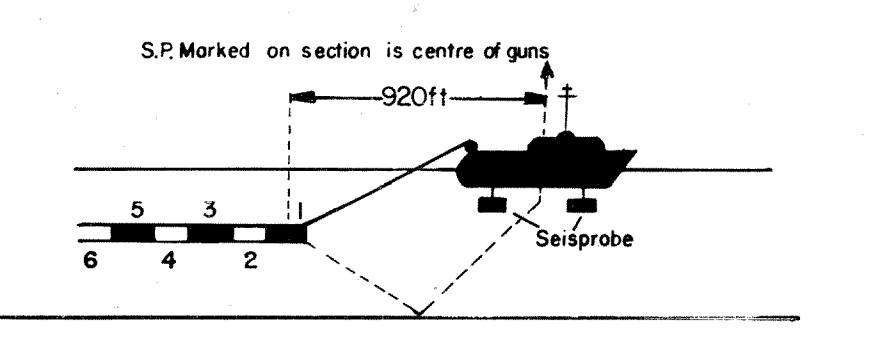


12 FOLD 24 TRACE

### RECORDING DATA

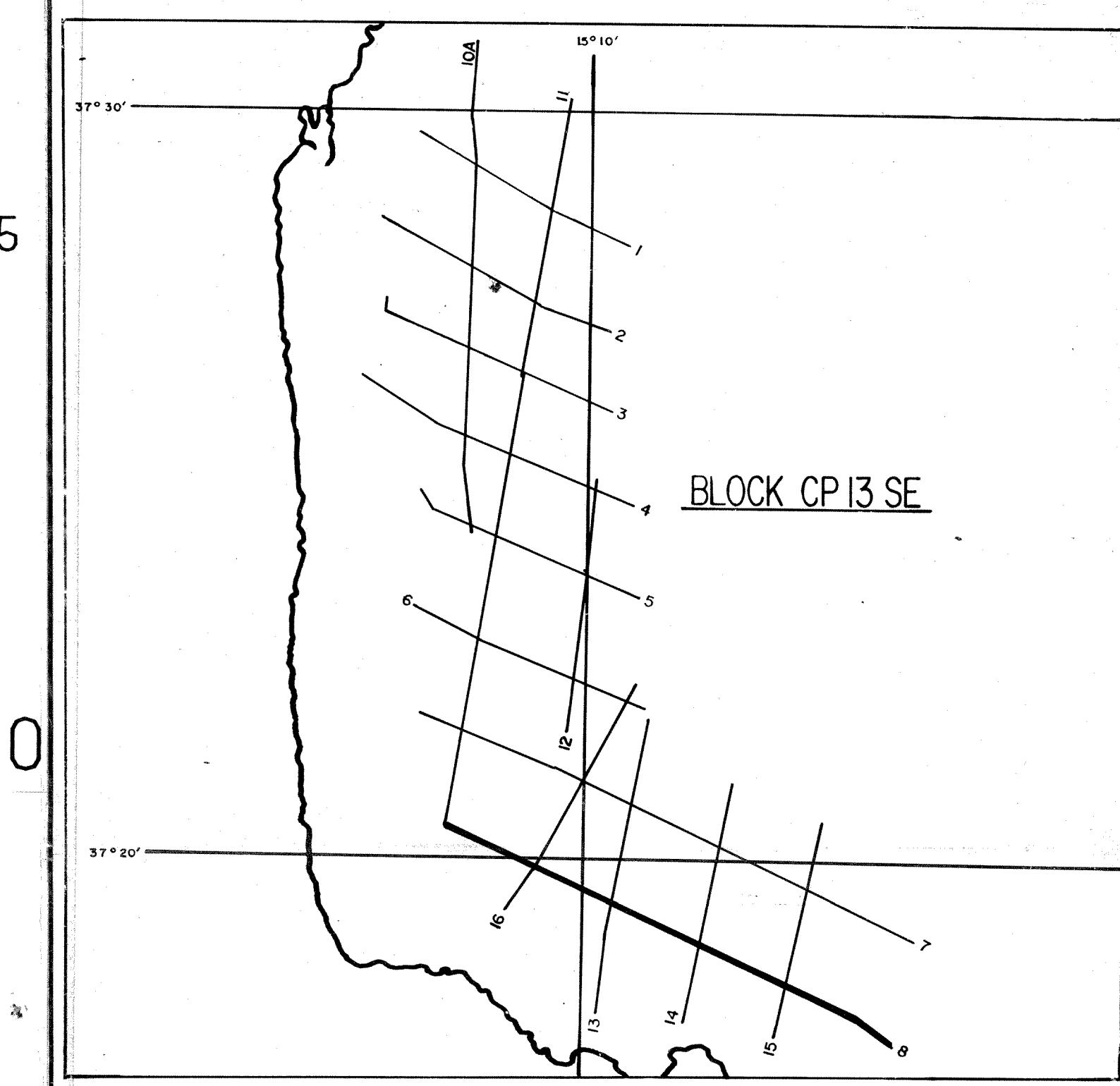


SHOT BY S. S. L. PARTY 723 BOAT K/R TONDER APRIL 1974  
 INSTRUMENTS- DFS 3 NEARS AND FARs FORMAT CABLE- LENGTH 2400 METRES  
 RECORD LENGTH- 6 SECONDS, 4 MS SAMPLE RATE GROUPS 48  
 FIELD FILTERS- LOWCUT-8 HZ / SLOPE-18 DB/OCTAVE GEOPHONE ARRAY 30X1.5 M  
 HIGHCUT-62 HZ / SLOPE-18 DB/OCTAVE SEISMOMETER TYPE-  
 ENERGY SOURCE- ESSO SEISPROBE MULTIDYNE ACC. CANCELLING  
 ARRAY 4X2 GUNS DEPTH 10-20 METERS  
 DEPTH 10 METERS GROUP INTERVAL 50 M  
 24 FOLD, 48 TRACE SHOT INTERVAL 50 M  
 COVERAGE- SURVEY- PRIMARY LORAN C  
 TAPE FORMAT- 1/2 INCH 9 TRACK 800 BPI SEGA SECONDARY SHAT. NAV.  
 BOAT DIRECTION- DIRECTION OF INCREASING SHOTPOINTS  
 POLARITY- COMPRESSONAL WAVE- POSITIVE ND. ON TAPE, BREAKS UP IN SECTION



### PROCESSING DATA

TRUE AMPLITUDE RECOVERY AND SEISMIC EDIT  
 DECONVOLUTION BEFORE STACK-  
 NON-WHITENING GAPPED  
 1 FILTER PER TRACE, 196 MS IN LENGTH WITH A 28 MS GAP  
 DESIGN GATE- TRACE 1 ACCORDING TO ND, 1200-1300 MS TO MAX. TIME  
 TRACE 24 ACCORDING TO ND, 360-550 MS TO MAX. TIME  
 12 FOLD 24 TRACE COMMON DEPTH POINT GATHER UTILISING NEAR 24 GROUPS ONLY  
 VELOCITY ANALYSIS- CONSTANT VELOCITY GATHER AND VARIABLE VELOCITY STACK/GATHER  
 STATIC CORRECTION- FOR SHOT AND SEISMOMETER DEPTH 1.5 MS  
 NORMAL MOVEOUT CORRECTION  
 FIRST BREAK SUPPRESSION- SEE TAPER-ON RECORD  
 12 FOLD COMMON DEPTH POINT STACK  
 DECONVOLUTION AFTER STACK-  
 NON-WHITENING GAPPED  
 1 FILTER PER TRACE, 356 MS IN LENGTH WITH A 28 MS GAP  
 DESIGN GATE- 350 MS TO MAX. TIME



DATE PROCESSED- MAY/JUNE 1974  
 PARTY 722, GEOPHYSICAL SERVICE INTERNATIONAL LIMITED, CROYDON, U.K.

SP-7020	TIME (V-RMS)	V-INT
0	4850	4850
200	4850	4850
500	5200	5421
815	5500	5649
1220	6000	6347
1425	7500	9277
1560	8800	11747
1700	9800	12727
2000	9800	12727

SP-7123	TIME (V-RMS)	V-INT
0	4850	4850
200	4850	4850
575	5300	5771
425	5600	6777
710	6100	8322
1100	7400	9322
1575	9000	11306
2000	9800	12319

SP-7022	TIME (V-RMS)	V-INT
0	4850	4850
250	4850	4850
475	5000	5182
720	5700	5739
1010	6750	6739
1350	7400	10096
1700	8400	12177
2000	9300	13294

