

SEAGULL SICILY

LINE 15 SPS 7930-8048

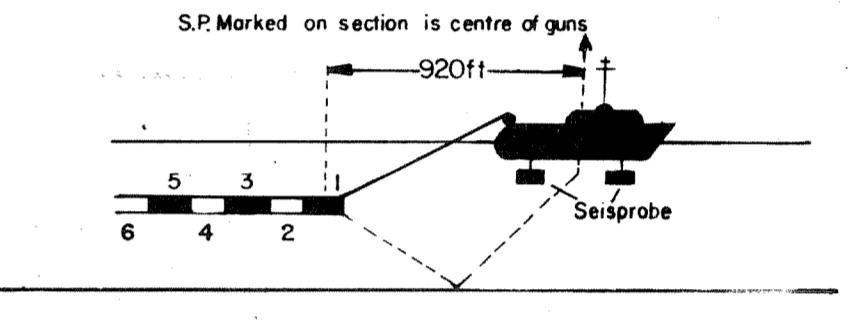


12 FOLD 24 TRACE



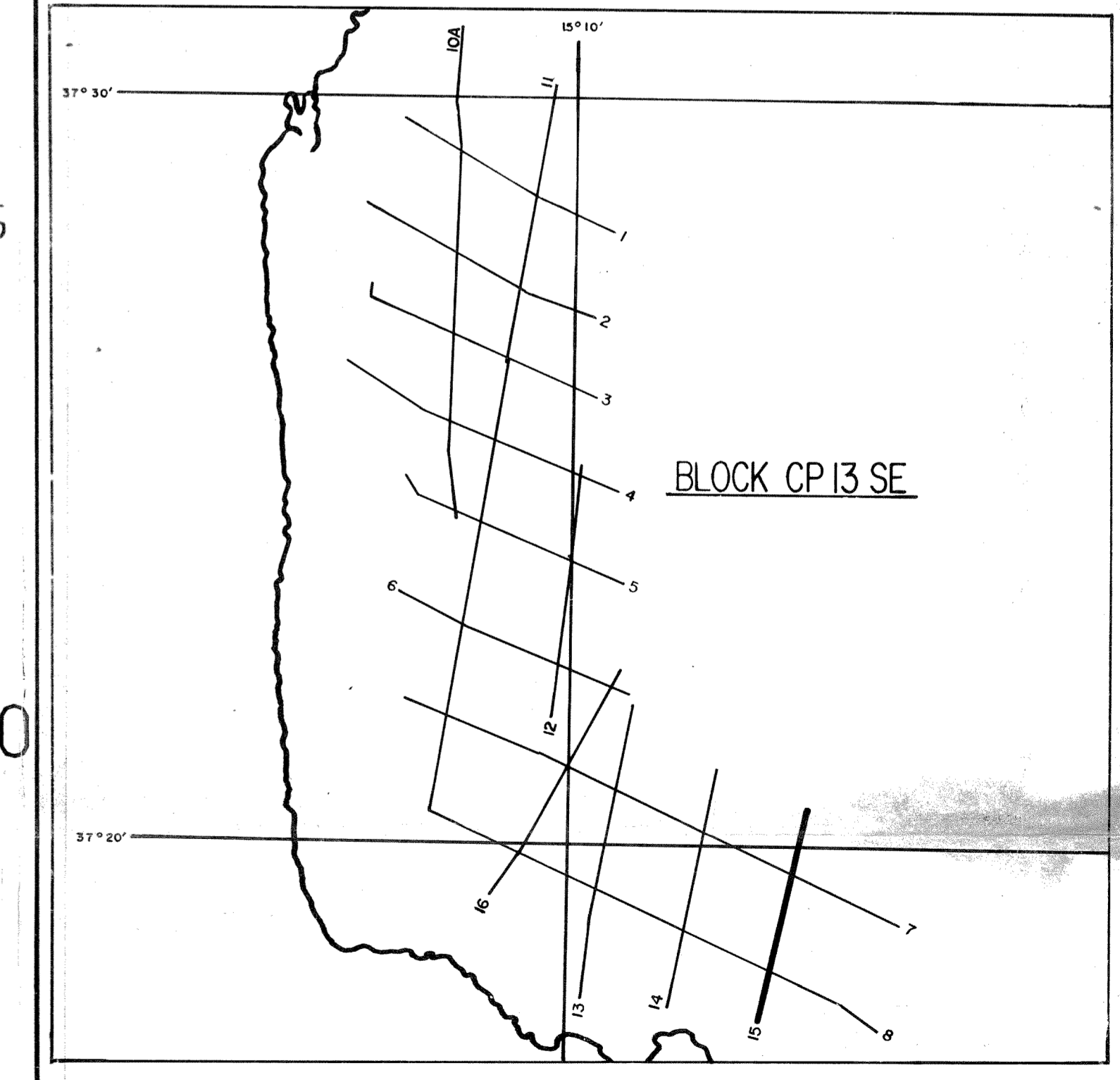
RECORDING DATA

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- 72 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
 COVERAGE- 24 FOLD, 48 TRACE SHOT INTERVAL 50 M
 TAPE FORMAT- 1/2 INCH 9 TRACK 800 BPI SEGA SURVEY- PRIMARY LORAN C
 BOAT DIRECTION- DIRECTION OF INCREASING SHOTPOINTS SECONDARY SAT. NAV.
 POLARITY- COMPRESSIVE WAVE- POSITIVE NO. ON TAPE, BREAKS UP ON 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 WD, 1200-1300 MS TO MAX. TIME
 TRACE 24 ACCORDING TO WD, 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 15 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-8023	TIME	V-RMS	V-INT
0	4850	4850	
20	4850	5548	
37	5150	5859	
49	5325	6978	
57	5500	6282	
71	6200	9084	
102	7200	11581	
200	9500		

SP-7956	TIME	V-RMS	V-INT
0	4850	4850	
25	4850	4972	
42	4900	6098	
57	5250	7820	
62	5500	9932	
71	6200	9687	
97	7300	11674	
200	9800		

SP-7932	TIME	V-RMS	V-INT
0	4850	4850	
60	4850	5190	
70	4900	5852	
77	5000	6306	
95	5200	6766	
140	5750	7742	
175	6200	11337	
200	7050		

