

SP 2	SP 42	SP 82	SP 122	SP 162	SP 202	SP 242	SP 282	SP 322	SP 362	SP 402	SP 442	SP 482	SP 522	SP 562	SP 602	SP 642	SP 682	SP 722	SP 762	SP 802	SP 830.5	
TIME	TIME	TIME	TIME	TIME	TIME	TIME	TIME	TIME	TIME	TIME	TIME	TIME	TIME	TIME	TIME	TIME	TIME	TIME	TIME	TIME	TIME	TIME
VRS	VRS	VRS	VRS	VRS	VRS	VRS	VRS	VRS	VRS	VRS	VRS	VRS	VRS	VRS	VRS	VRS	VRS	VRS	VRS	VRS	VRS	VRS
INTV	INTV	INTV	INTV	INTV	INTV	INTV	INTV	INTV	INTV	INTV	INTV	INTV	INTV	INTV	INTV	INTV	INTV	INTV	INTV	INTV	INTV	INTV
740	1480	1480	1480	1480	1480	1480	1480	1480	1480	1480	1480	1480	1480	1480	1480	1480	1480	1480	1480	1480	1480	1480
1100	1550	1550	1550	1550	1550	1550	1550	1550	1550	1550	1550	1550	1550	1550	1550	1550	1550	1550	1550	1550	1550	1550
1480	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
1775	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660
1910	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
2300	1810	1810	1810	1810	1810	1810	1810	1810	1810	1810	1810	1810	1810	1810	1810	1810	1810	1810	1810	1810	1810	1810
2420	1860	1860	1860	1860	1860	1860	1860	1860	1860	1860	1860	1860	1860	1860	1860	1860	1860	1860	1860	1860	1860	1860
2550	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950
2710	2060	2060	2060	2060	2060	2060	2060	2060	2060	2060	2060	2060	2060	2060	2060	2060	2060	2060	2060	2060	2060	2060
2900	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180
3440	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
5000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000

LINE LS-83-09  
S.P. 1-890

Enclosure 3

34  
DIRECTION OF SHOOTING

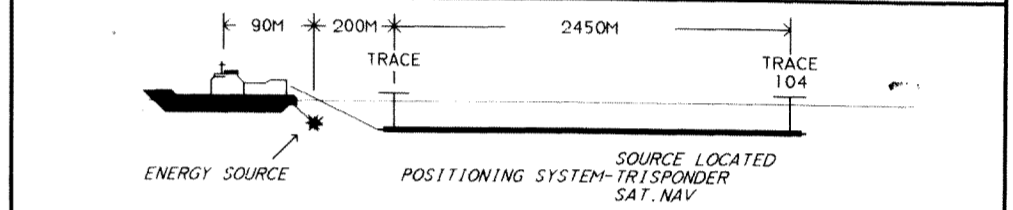
MIGRATED TIME SECTION

LASMO SICILY  
BLOCK CR 108  
1983

SEFEL SEFEL GEOPHYSICAL SEISMIC DATA PROCESSING LONDON ENGLAND	DATE PROCESSED	NOVEMBER 1984
	REEL NUMBER	1
	PROJECT NUMBER	108

**FIELD RECORDING**

DATE PROCESSED	NOVEMBER 1984
DATE RECORDED	JUNE 1983
SYSTEM	SEG B 1600 BPI
FORMAT	5460 CU IN AIRGUN ARRAY
ENERGY SOURCE	8 METRES AVERAGE
SOURCE DEPTH	25 METRES
S.P. SPACING	25 METRES
CABLE LENGTH	0 METRES AVERAGE
CABLE DEPTH	0 METRES AVERAGE
NO. OF TRACES	104
GROUP INTERVAL	NEAR 12X12.5M FAR 92X25M
GROUPS	10 IN NEAR GROUPS, 20 IN FAR GROUPS
RECORDING FOLD	49
RECORD LENGTH	6 SECONDS
SAMPLE INTERVAL	2 MILLISECONDS
RECORDING FILTER	LOW CUT = 5 HZ, 180B/OCT. HIGH CUT = 128 HZ, 720B/OCT.



**DIGITAL PROCESSING**

SEQ	PROCESS	PARAMETERS
1	DEMULTIPLEX	TO SEFEL SEG Y AT 4MS TO 5 SECS.
2	ADJACENT	2 ON 1 ON NEAR 12 TRACES
3	TRACE SUM	
4	DEPHASE	INSTRUMENT PHASE RESPONSE REMOVED
5	GAIN	SPHERICAL DIVERGENCE COMPENSATION
6	STATIC	8MS TIMING DELAY
7	SORT	49 FOLD CDP SORT
8	VELOCITY	SEPLANCE VARIABLE VELOCITY
9	ANALOGS	STACKS AND GATHERS EVERY 1KM
10	NMO AND MUTE	NOVEOUT CORRECTION MUTE
11	COHERENCY	HORIZONTAL COHERENCY ENHANCEMENT
12	STACK	49 FOLD CDP STACK
13	DIP FILTER	DIP GREATER THAN 5MS/TRACE
14	COHERENCY	49 FOLD CDP STACK
15	FILTER	SONOGRAM TECHNIQUE USING 11 TRACE
16	EQUALISATION	RUNNING WINDOW - 90% STACKBACK 4-8-50-60 HZ
17	MIGRATION	AVEE EQUATION MIGRATION
18	TVF	USING 100% STACKING VELOCITIES LOW CUT 100% HIGH CUT TIME (HZ) (HZ) (HZ) (HZ) (MS) 4 8 30 60 0-2000 4 8 30 40 4000-6000
19	EQUALISATION	WHOLE TRACE EQUALISATION
20	STATICS	USING 0-3000MS WINDOW
21	DISPLAY	* LINES DATUM STATIC TO MSL * SP'S LOCATED AT SOURCE LOCATIONS

SAMPLE RATE: 4MS; DATUM CORRECTION: +1MS TO MSL  
SCALES: HORIZONTAL 1:25000 VERTICAL 10CM/SEC  
RECORDING POLARITY: INCREASE IN PRESSURE GIVES -VE NO.  
PROCESSING POLARITY: POSITIVE NO. GIVES BLACK PEAK

1KM

