CGG - Centre de traitement
1, rue Léon Migaux
91301 Massy
FRANCE

SELM

S.E.L.M.
LAMPEDUSA
LINE : LA - 07

W -10 420 E

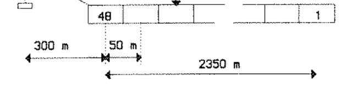
MIGRATION IN TIME

127 M6 23 PL : I MR

DATE : NOV. .88

FIELD RECORDING

BOAT	SEISMIC EXPLORER	ENERGY SOURCE	SLEEVE EXPLODER
recorded by	S.E.I.	charge	4 sleeves
recording date	MAR-APR-74	depth	8 m
navigation system	SIM.	sp interval	25 m
INSTRUMENTS	DFS-3	STREAMER	2400 m
format	SEG-A	depth	10-13 m
filter	8/62 hz	groups	48
sampling interval	2 ms	group interval	50 m
recording length	6 sec.	offset	300 m



DIGITAL PROCESSING IN 4 MS

Resampling in 4 ms
Cable and source correction : - 14 ms
Spherical divergence compensation
Geometrical spreading compensation
Trace composition C (2.1)
Spike deconvolution
Operator length : 200 ms
Windows : 0 - 1200 ms
: 1200 - 3600 ms
White noise : 5 %
Velocity analysis (every 2 kms)
NMO corrections
Stack 4800 %

Random noise attenuation (two passes)
Window : 600 - 2000 ms
Predictive deconvolution (TAITA)
Operator length : 300 ms
Gap : 48 ms
White noise : 5 %
Windows : 0 - 1200 ms
: 1800 - 3300 ms
Migration in time (wave equation)
Time variant filter
9/50 hz 0 - 1500 ms
12/35 hz 2000 - 6000 ms
AVC scaling (window length : 500 ms)
Display by Scitex laser plotter

POLARITY REVERSE LSEG

MAIN LOBE OF A SYMMETRICAL SIGNAL - WHITE -
POSITIVE REFLECTION COEFFICIENT - POSITIVE INCREASE OF IMPEDANCES

TIME ORIGIN

MEAN SEA LEVEL

HORIZONTAL SCALE

40 TRACES - 1 KM

VERTICAL SCALE = 5 CM / SEC.