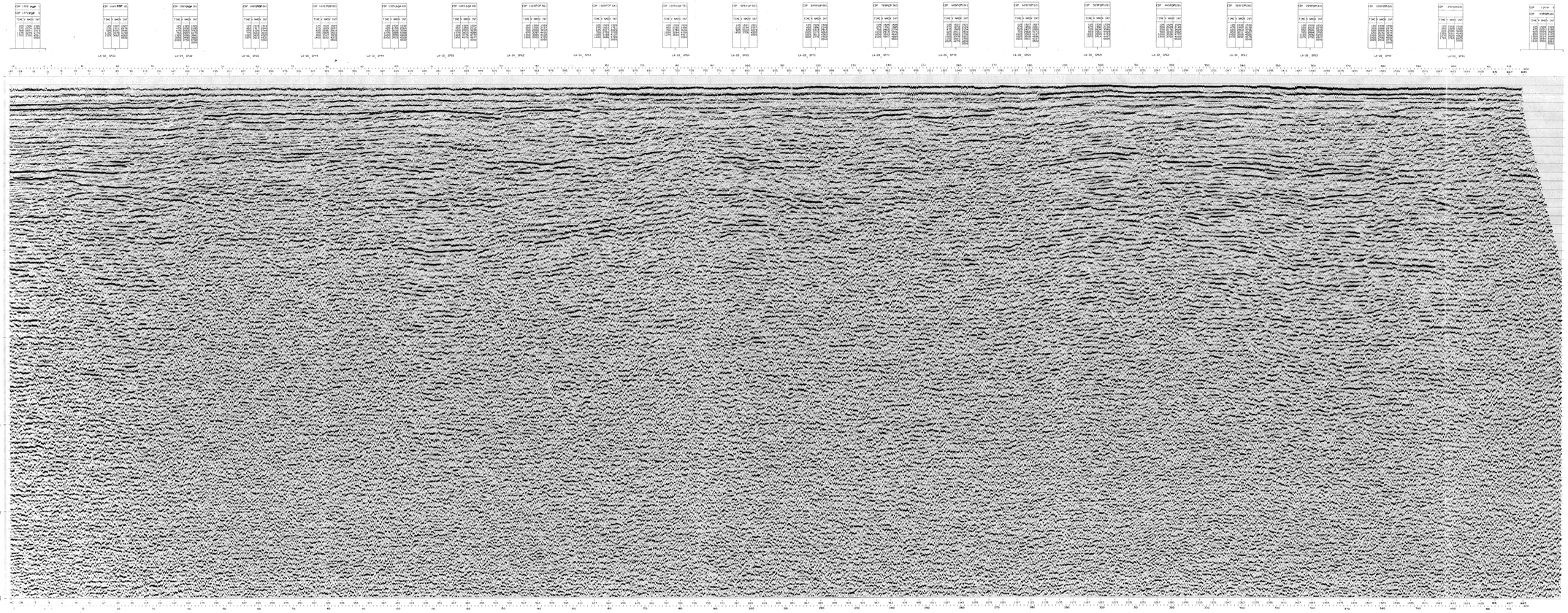


COG - Centre de traitement
1 , rue Léon Migaux
91341 Massy
FRANCE

SELM

S.E.L.M.

LAMPEDUSA

LINE : LA - 07

W -10 420 E

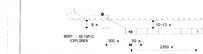
STACK 4800 %

127 Mn 23 PL. 1 R

DATE : NOV 0 88

FIELD RECORDING

BOAT	SERCEL SEISPEC EXPLORER	ENERGY SOURCE	SLEEVE EXPLODER
recorded by	S.E.L.	energy	4 sleeve gun
recording date	NOV-DEC 88	depth	8 m
navigation system	SYLEDIS	no interval	25 m
INSTRUMENTS	SYS-2	STREAMER	2400 m
format	SEG-B	depth	10-12 m
filter	6/92 hz	groups	96
recording interval	4 ms	group interval	12.5 m
recording length	5 sec	offset	320 m



DIGITAL PROCESSING IN 4 MS

Resampling in 4 ms	Residue noise attenuation 1 two passes)
Cable and source correction	Window 320 - 2000 ms
Source signature deconvolution — 16 ms	Prediction distance 32 ms
Shaped-not spiked-eg.composite	Operator length 160 ms
Trace sequential (+) (-)	No 4 %
Spike deconvolution	White noise 0.1 %
Operator length 200 ms	Window 0 - 1250 ms
Window 120 - 2600 ms	1600 - 3000 ms
White noise 0.5 %	Time variant filter
Velocity analysis (during 2 fold)	6/92 hz 0 - 1000 ms
Stack 4800 %	12/30 hz 1000 - 3000 ms
	AGC scaling Window length 500 ms
	Shaping by low pass (2) filter

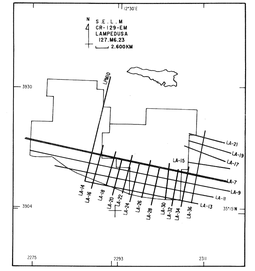
POLARITY REVERSE 1SEG

MAIN LOBE OF A SYMMETRICAL SIGNAL = BASED =
POSITIVE REFLECTION COEFFICIENT = POSITIVE INCREASE OF IMPEDANCE

TIME ORIGIN

MEAN SEA LEVEL

HORIZONTAL SCALE

METRAGE = 1 KM

VERTICAL SCALE = 5 CM / SEC.