CGG - DATA PROCESSING SERVICES
PER GALIMBERTI 9 I-20 SAINT PRIMAS

FINA
COMPANY

SAN LORENZO
AREA

LOR-76-03
LINE

W 126 318 E
SHOT POSITS

FILTERED STACK

C 600 0-0

PL 10 SURVEY 127 M5 33 *
JULY 1984 * COLLO PROCESSING CODE

FIELD RECORDING

FIELD COVERAGE	6
SHOTS PER SP	1
SHOOTING DATE	NOVEMBER 1976
RECORDER	DDS 888-CDSN 1
TAPE N.	21/7-1/1769
LC FILTER	12 HZ-24 DB/OCT
HC FILTER	125 HZ/76 DB/OCT
SAMPLING RATE	2 MS
RECORDING LENGTH	7000 MS
SOURCE	DYNAMITE
AVERAGE CHARGE - SHOT	1 KG
AVERAGE SHOT DEPTH	28 M
OFFSET	100 M
DISTANCE BETWEEN SP	100 M
GEOPHONE SPREAD	
GEOPHONE	SPH-10 HZ
NR OF GEOPHONES - TRACE	24
NR OF TRACES	48
DISTANCE BETWEEN 2 TRACES	48 M

SPREAD CONFIGURATION

TRACE CONFIGURATION

GEOPHONES TRACES

SURFACE CORRECTIONS

METHOD/INTERPRETATION	
WEATHERING VELOCITY	600 M/S
SUB-WEATHERING VELOCITY	2500 M/S
DATUM : REFR.SRD LEVEL	
CORRECTION SIGN : PRECEDE CORRECTIONS SHIFTING TIMES	

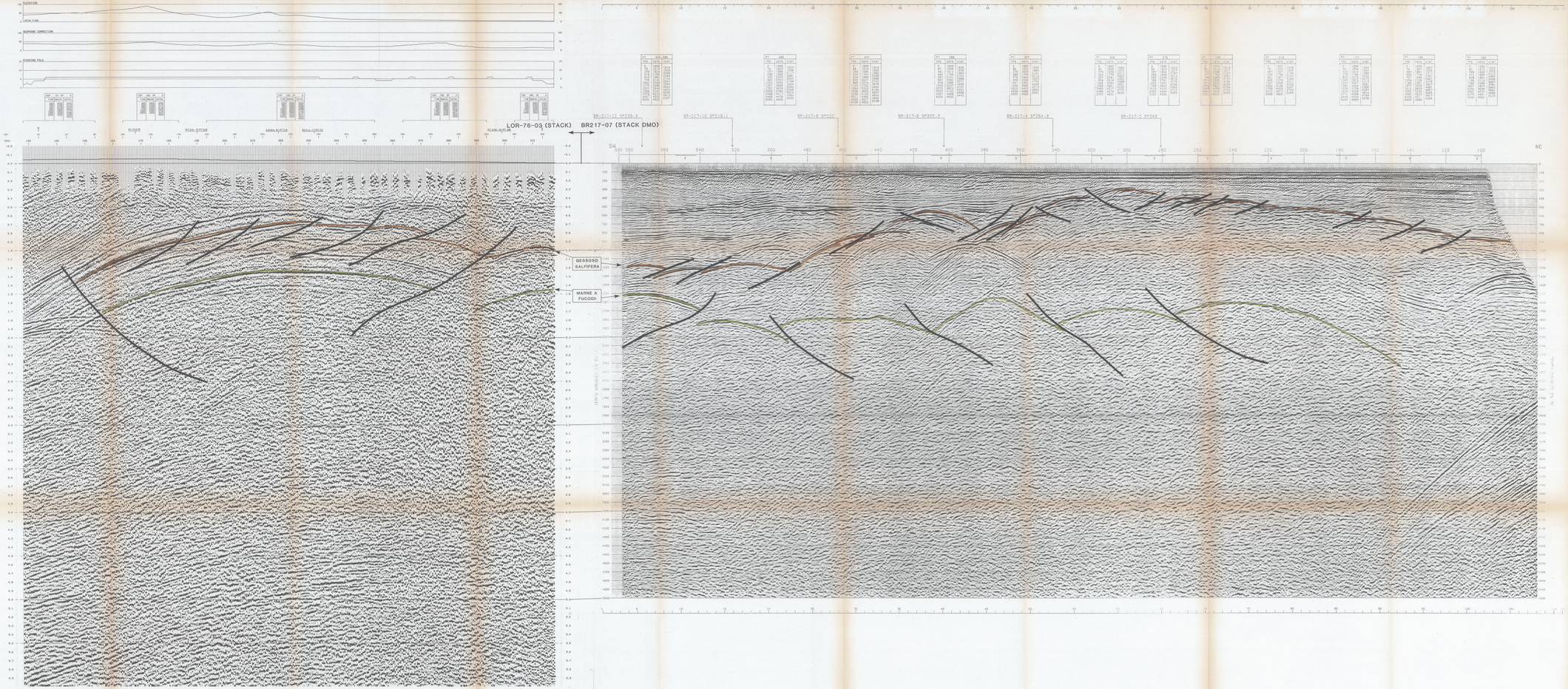
DIGITAL PROCESSING

PROCESSED LENGTH	6 S
DENATURATION	
DESIGN FILTER (MEDIAN)	
RESAMPLING	2 MS TO 4 MS
EDITING PASTES	ZERO GAINS, STRY DOPPL, LOOSE TRANS.
TRACE EDITING/MUTES	ZERO GAINS, STRY DOPPL, LOOSE TRANS(MUTES)
DECONVOLUTION	PROGRAM PREDIC. 1 (P.OPERATOR)
	GATE 1 : 0 -200-1800 MS L=1800 MS P=10000
	GATE 2 : 0 -200-1800 MS L=1800 MS P=10000
	GATE 3 : 0 -2000-4500 MS L=1500 MS P=1000
TRACE EQUALIZATION	OPERATOR LENGTH 500 MS
STATIC CORRECTIONS	FROM SRD TO FLAT DATUM (VOLCANO)
MAX CORRECTIONS *	LINEAR INTERPOLATION BETWEEN
	VELOCITY FUNCTIONS
HORIZONTAL STATICS	SURFACE CONSISTENT STATICS (ANTONY)
	CALCULATED AGAINST: +MEAN-NATIVE M S
STACK	48 FOLD
TIME VARIANT FILTER	12 HZ-40 DB/OCT 0-1 TWO MS.
	10 HZ/50DB/OCT/1500 MS.
	10 HZ/50DB/OCT/2000 MS.
	10 HZ/50DB/OCT/3000 MS.
TRACE EQUALIZATION	OPERATOR LENGTH 300 MS/T. D-7000 MS
STATIC CORRECTIONS	FROM SRD TO FLAT DATUM
ANALYSIS DISPLAY	

* DESIGN OF FIRST MT OF SP CORRECTION : SPC = AVERAGE GROUND LEVEL DISPLAYED ON TOP OF THE SECTION MT = BLACK POP .

DISPLAY PARAMETERS

HORIZONTAL SCALE	1 MM = 0.5 SP
VERTICAL SCALE	1 MM = 0.25 CP
DATUM PLANE	0 M



PETROFINA PROCESSING CENTRE

N. 1994

ITALIA
MARE ADRIATICO BR-217-F1

BR-217-07

SMO-STACK
FILTERED
COVERAGE: 3000%

SW 886 CDP 1-48

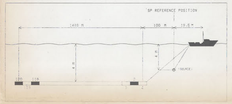
INDEX 918 DATE 12/3 / 91

FIELD PARAMETERS

SOURCE AIR-GUN		STREAMER	
SHOT POINT INTERVAL	12 M	DEPTH	4 M
DEPTH	4 M	SUPER SP GROUPS	1%
CAPACITY	1700 CU.IN.	GROUPS INTERVAL	12.5 M
PRESSURE	150 (2000PSI)	HYDROPHONE TYPE	SH-10HR
NUMBER OF UNITS	24		

NAVIGATION SYSTEM MAGNAVOX SATNAV

SPREAD DIAGRAM



RECORDING PARAMETERS

CREW	4FEZZES	SAMPLING RATE	2 MS
INSTRUMENTS	SFS V	RECORD LENGTH	6 S
TAPE FORMAT	SEGD-SERCEL	LC FILTER 5-3 HZ	6.3PM 18.0-18/OCT
		HC FILTER 120.0 HZ	5.0PM 72.0-18/OCT
DATA STORE	CONST-24GB	DATE JUNE 1988	

STATIC CORRECTIONS

SUM AND CABLE STATIC = SMS

PROCESSING

PROCESSED BY AMA-MAG

SUM

SUMMATION

TRACE SUMMATION COMPOSITION

CMP(S) + PARTIALLY SUMMED SP GR.

OUTPUT MINIMUM FOLD

RESAMPLE 2 TO 4 MS

EDITING

FILTERING 6-110-50-100

EDITING

PERFORM F-K FILTERING

FK FILTERING 5-0.75-15 MS/M.

TAPE WRITER

TRACE FROM CDP/SP GROUPS

VELOCITY ANALYSIS (CVS-CVS-SPECTRA) AND DIP-DEPENDANT VELOCITIES

DMO CORRECTION.

STACK STACKING FIRST BREAK - MUTING

DMO DYNAMATIC DECONVOLUTION.

PREDICTION LENGTH = 17.50 MS

OPERATOR LENGTH = 60 MS

TIME VARIANT FILTERING

5-110-50-50 HZ FROM 0000 TO 1500 MS

5-110-50-50 HZ FROM 1500 TO 3000 MS

DATA COMPLETION

TRACE EQUALIZATION 300MS OVER-WRITING WINDOWS

FILTERED

DISPLAY

DISPLAY	CONTROL PARAMETERS		
	14.00	VERTICAL SCALE	10 CM/SEC
CONTINUATION VELOCITY	2400 M/S	HORIZONTAL SCALE	50 TR/INCH

0.0 0.5 1.0 1.5 KM