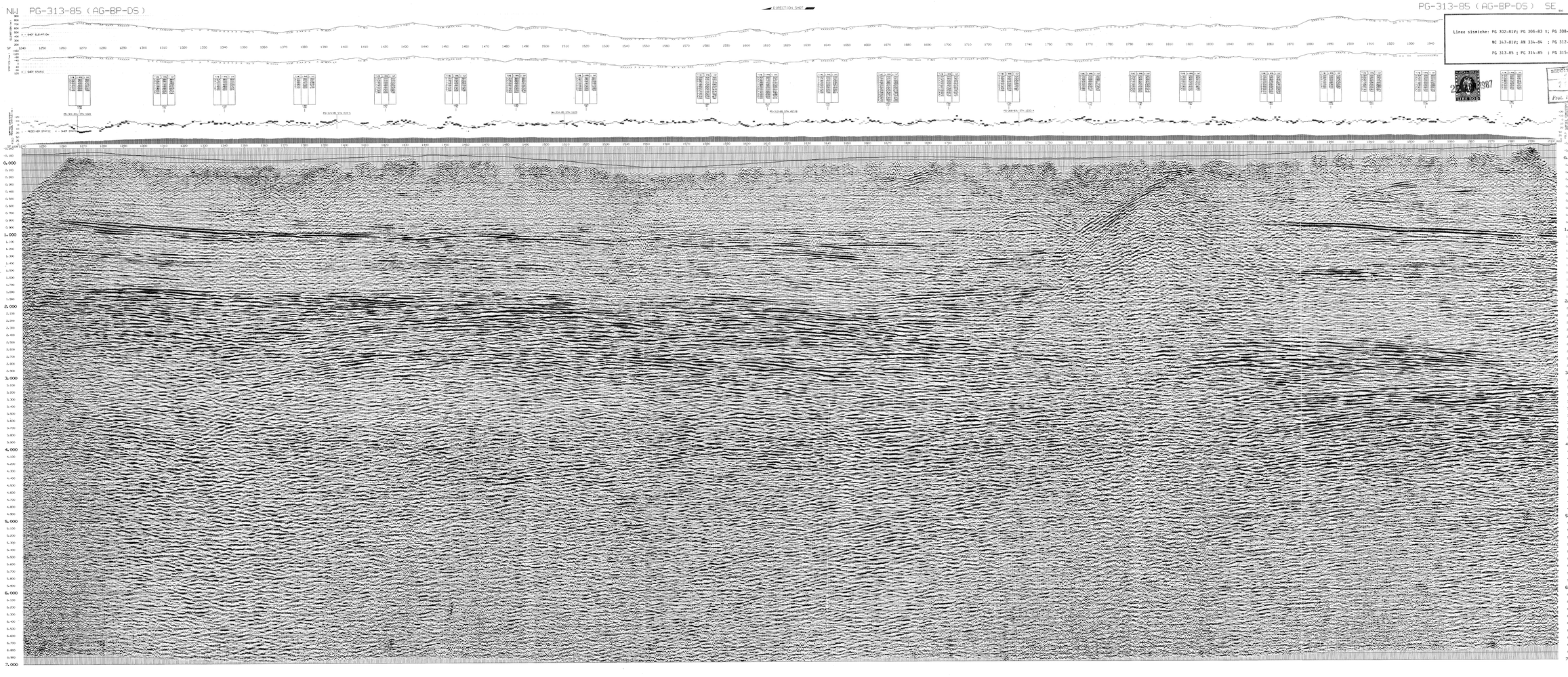


All.1

AGIP-BP-DEUTSCHE SHELL

AREA APPENNINO CENTRO SETT ITALIA

LINE PG-313-85 PS 1239-2002

FINAL STACK

RECORDED BY: Prakla Seismos, Crew #10 X

PROCESSED BY: Seismograph Service (England) Ltd.

SPECIAL REPAIRS
STATIC CORRECTION COMPUTED USING:
WHOLE LINE OF PRODUCTION SHOTS
FIRST BREAK PICKS (NEAR-AREA OF MISSING SHOTS)
WHOLE SURVEY AVG. DEPTH 50-60m EVERY 2-3km
CONSTANT SUBWEATHERING VELOCITY 3000m/s
PROCESSING SYSTEM: PHOENIX V.P.U.

RECORDING PARAMETERS

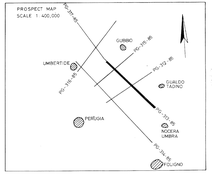
INSTRUMENT	SERCEL 348	SOURCE	DYNAMITE
NO. OF CHANNELS	120	CHARGE	10kg
SAMPLE RATE	2ms	NOMINAL DEPTH	30m
RECORD LENGTH	6.144 secs		
PRESET FILTER	10-125 Hz	NOMINAL SPREAD	
NOTCH FILTER	OUT	SPACING	25m
FIELD GAIN	24 DB		
SPREAD TYPE	SPIRAL 7000 feet		
SHOT INTERVAL	50m		
STATION INTERVAL	25m		
SPIRAL SPACING	25m (Nominal)		
SPIRAL LENGTH	35 FIELD STATIONS		
RECORDING DATE	29 Oct - 5 Nov 1985		
DATUM	500m		

PROCESSING

SEQUENCE	PARAMETERS
1. DEMULTIPLEX	REQUIRED TO MAX. DEPTH OF INTERPRETATION
2. FILTER	HARDWARE AND SOFTWARE PHASE COMPENSATION FILTERS
3. SCALING	SPHERICAL DIVERGENCE CORRECTION
4. STATICS 1	FIELD STATICS, SHOT STATICS, RECEIVER STATICS, CONSTANT VELOCITY, WEATHERING VELOCITY 3000m/s
5. FILTER	LOW CUT FILTER 10 Hz, HIGH CUT FILTER 125 Hz
6. DECONVOLUTION	SPIKING DECONVOLUTION, OPERATOR LENGTH 80 MS, PREDICTION DISTANCE 8 MS, WHITE NOISE 0.1%
7. EQUAL CONTRIBUTION	TRACE EQUALIZATION, TIME WINDOW 1.5 SECS
8. SORT	SORT TO CMP ORDER, CDP/OFFSET BINNING
9. STATICS 2	RESIDUAL STATICS FROM CMP STACK, CORRELATION WINDOW 1.5 SECS, MAX. STATIC 50 MS
10. VELOCITY ANALYSIS	CMP VELOCITY ANALYSIS, VELOCITY SPECTRA, SEMBLANCE, CONSTANT VELOCITY STACKS, VELOCITY INTERPOLATION
11. STATICS 3	RESIDUAL STATICS FROM FINAL VELOCITY ANALYSIS, MAX. STATIC 50 MS
12. STATICS 4	STATICS CORRECTION TO DATUM 500m
13. VELOCITY ANALYSIS	CMP VELOCITY ANALYSIS, VELOCITY SPECTRA, SEMBLANCE, CONSTANT VELOCITY STACKS, VELOCITY INTERPOLATION
14. STACK	NORMAL MOVEOUT, 50% STACKING, 1.5 SECS TIME WINDOW
15. DECONVOLUTION	DECONVOLUTION FOR NORMAL, SEMBLANCE TO NORMAL, WHITE NOISE 0.1%
16. FILTER	LOW CUT FILTER 10 Hz, HIGH CUT FILTER 125 Hz
17. EQUALIZATION	TRACE EQUALIZATION, TIME WINDOW 1.5 SECS
18. MIGRATION	TIME MIGRATION, 50% STACKING, 1.5 SECS TIME WINDOW, MAX. DIP 60 DEGS, SPEED 3000m/s, MAX. STACKING VELOCITY 3000m/s
NOTE	2 FOLD GAPS TO BAR SURFACE SOURCE POSITIONS
NOTE	4 FOLD GAPS TO BAR SURFACE SOURCE POSITIONS

DISPLAY

SCALE	POLARITY
HORIZONTAL 1:25000 OR 1:50000	RECORDED
VERTICAL 5 cm = 1 sec	PROCESSED: COLOUR: SEMBLANCE 1 NEGATIVE
PLOT START 0	PROCESSED SIGNAL 1 WHITE
PLOT END 7000	NEGATIVE
TRACE MIX 1	

SEISMIC TAPE	PROCESSED BY (UNIT)	DATE
6A0319	6A0319-RUP-PLAN-PLT	JANUARY 1986

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