

SORI

# LINEA AV-367-85WL

PERMIT 1012-3165 (LINE 1,2,3)  
S.P. FONTANAROSA  
SUBSURFACE ABCDE 3600% ALL DATA  
PRESENTATION T.V.F.



TRIESTE DATA PROCESSING CENTRE

Data	Dis.N°	Figura
Ottobre 1988	552/B4	3



## TAURASI 1 (Proiettato)

AV-342-80 .DPNT.1002



A 1596

RECORDING PARAMETERS	RECORDING GEOMETRY
PROPERTY: 8.0.S. TO 199	ENERGY SOURCE: DYNAPITE
RECORDING DATE: FROM 11 AUG '88 TO 24 AUG 1988	SOURCE PATTERN: SINGLE HOLE
INSTALLMENT: SN 948	SOURCE CHARACTER: AVERAGE SHOT DEPTH 27.30M, CHARGE 8.10KG
DATA LENGTH: 7 SECONDS	STATION INTERVAL: 50 METRES
SAMPLE RATE: 2 MILLISECONDS	DEPTH: SN4 10 MZ
WIND: 32 SPL: 975-225-0-225-975M ON 3 LINES	DEPTH PATTERN: 0-4000 (0-4000) X 8M, 24 DEPTHS
FIELD FILTERS: LOW CUT 10 MZ, HIGH CUT 120 MZ	DEPTH: 400M
FIELD REELS: 34320-1	DEPTH: 4000-3600M
FIELD POINT: SEG-B	SHOOTING DIRECTION: SOUTH EAST

PROCESSING SEQUENCE

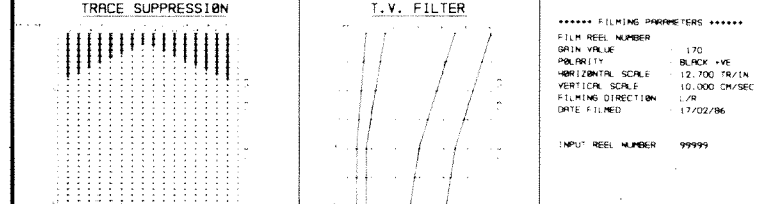
- DEMULTIPLEX TO 500-1/32 BIT FLOATING POINT
- GAIN RECOVERY REMOVE BY FIELD GAIN
- AMPLITUDE RECOVERY USING GAIN CURVE (BRINCOB) + ST + COL (RECORD) BRINCOB-BOOKS
- EQUALIZATION EXPANDING WINDOW EQUALIZATION
- PHASE CORRECTION REMOVE BY RECORDING INSTRUMENT DISTORTIONS & CONVERSION TO MINIMUM PHASE
- STATIONING WITH 1/32 S FILTER & RESAMPLE TO 4MS
- GATHER REARRANGE TRACES IN DEPTH/PRINT ORDER USING 250/250M BINS
- DECONVOLUTION OPERATOR BY LENGTH 240MS (INCLUDING PREDICTION DISTANCE) USING 24 WHITE NOISE DESIGN WINDOW (NEAR TRACE) 200-2100MS, 24MS, PREDICTION DESIGN WINDOW (NEAR TRACE) 1800-3700MS, 24MS, PREDICTION DEVIATION FROM NEAR DEPTH PRINT STATIC
- STATIC CORRECTIONS PRELIMINARY ANALYSIS USING CONSTANT VELOCITY SCANS
- VELOCITY ANALYSIS SURFACE CONSISTENT RESIDUAL STATICS USING WINDOW: 200-3000 MS
- PREST
- VELOCITY ANALYSIS CONSTANT VELOCITY SCANS AFTER RESIDUAL STATICS CORRECTIONS SURFACE CONSISTENT RESIDUAL STATICS USING REVISED VELOCITIES USING WINDOW: 200-3000 MS
- PREST
- NEAR CORRECTIONS DERIVED FROM CONSTANT VELOCITY SCANS AND APPLIED TO IMS ACCURACY INTERPRETED VELOCITIES SHOWN IN METRES/SEC ON SECTION HEADER TIMES INVERTED FOR VELOCITY FUNCTIONS ARE FROM SURFACE CORRECTIONS CHECKED BY INSPECTION BY C.O.S AND SINGLE COVER SECTIONS
- TRACE SUPPRESSION DERIVED FROM COMMON DISTANCE GATHERS AND WHITE SCANS DISTANCE (METRES)/TIME (MS) GIVE: 225/100, 975/400
- STATIC CORRECTIONS NEAR DEPTH PRINT STATIC APPLIED REFERENCE 400M DUTUP THE NEAR DEPTH PRINT STATIC GIVEN IN HEADER PROFILE VELOCITY USED FOR STATIC CORRECTIONS: 2500 M/S
- STACK
- PULSE SHAPING WAVELET EXTRACTION USING COMPLEX DESTRUCTURE OPERATOR APPLICATION TO TRANSDUCER TO ZERO PHASE
- FILTER APPLICATION BY 200MS ZERO PHASE BIVERTICAL FILTER TIME (MS): 3400 000 000 3400  
0 0HZ 16HZ 45HZ 60HZ PROBATING TO:  
4000 4HZ 8HZ 30HZ 45HZ PROBATING TO:  
7000 4HZ 8HZ 25HZ 40HZ
- BALANCE DYNAMIC TRACE EQUALIZATION USING 250 MS WINDOWS
- DISPLAY BENCH FILTER

RECORDING POLARITY: UPWARD GROUND VELOCITY EQUALS NEGATIVE NUMBER  
DISPLAY POLARITY: NEGATIVE NUMBER EQUALS WHITE TROUGH  
HORIZONTAL SCALE: 10 TRACES/CM  
VERTICAL SCALE: 5 CM/SEC

ANALYST: P. M. GILBERTI  
DATE: JAN 1988



DATA PROCESSED BY OGS TRIESTE Petty-Ray



FILING PARAMETERS: FILM REEL NUMBER 170, GAIN VALUE 0.8000, POLARITY BLACK +VE, HORIZONTAL SCALE 12.700 TR/IN, VERTICAL SCALE 10.000 CM/SEC, FILING DIRECTION L/R, DATE FILMED 17/02/88, INPUT REEL NUMBER 99999

