



AREA : ITALIA
 PERMIT: BANZI
 LINE : PZ-674-92-H

DATE: APRIL, 1993

RECORDING DATA		PROCESSING SEQUENCE	
RECORDING PARAMETERS		DEMULPLEX FLOATING POINT	
CONTRACTOR: STAG S.P.A.		- INPUT FORMAT: SEGB (1600 BPI)	
PARTY NO.: STAG 05		PHASE SHAPING	
DATE: APRIL 1993		- INSTRUMENT AND GEOPHONE RESPONSE CONVERTED TO MINIMUM PHASE	
SYSTEM: DFS V 1.1		PREFILTER	
TAPE FORMAT: 1600 BPI		- 14/ 24 HZ/DB - OUT	
RECORD LENGTH: 4000 MS		MULTICHANNEL FILTER	
FILTER L.C.: 12 HZ 18 DB/OCT		- MULTICHANNEL FILTER	
M.C.: 128 HZ 72 DB/OCT		- WND 0.0 - 4.0 SEC	
NOTCH: OUT		GEOMETRY UPDATE	
SAMPLING INTERVAL: 2 MSEC		- SORTING TO CDP GATHERS	
COVERAGE: 0-62.5-1037.5 M		- CROCKED PROFILE ADJUSTMENT	
STATION INTERVAL: 30 FOLD		AMPLITUDE DECAY RECOVERY	
SHOT INTERVAL: 25 M		- STATISTICALLY COMPUTED FUNCTION APPLIED TO RECOVER THE OVERALL ENERGY LOSSES	
SHOOTING DIRECTION: SW-NE		DECONVOLUTION	
DATUM PLANE: 400 M		- TYPE: PREDICTIVE	
		- MINIMUM PHASE INVERSE FILTER	
		- WND 0.0-1.5 S OP 4-160 MS WL 12	
		- WND 1.5-4.0 S OP 4-160 MS WL 12	
		- TRACE BALANCE TO RMS 2000	
SOURCE		AUT. STATIC SURFACE CONSISTENT	
ENERGY SOURCE: HYDRAPULSE		- FIRST ITERATION	
SOURCE PATTERN: 615 - 8X5 POPS		- MAX CORRELATION SHIFT: +/- 20 MS	
		- CORRELATION WINDOW: 400-1600 MS	
SPREAD		VELOCITY ANALYSIS	
TYPE: SPLIT		- VELOCITY INCREMENT: 100 M/SEC	
SPREAD CONFIG: 537.5-62.5-0		- VELOCITY RANGE: 1700-4500	
NO. OF GROUPS: 60		- CORRELATION GATE: 1700-4500	
GEOPHONES PER GROUP: 24		- CDF'S USED: 24 MS	
GROUP INTERVAL: 25 M		- STRETCH MUTE: 10	
GEOPHONE TYPE: SENSOR SM4 14 HZ		- STRETCH MUTE: 200Z	
SPREAD DIAGRAM		AUT. STATIC SURFACE CONSISTENT	
20 SP 21 60		- SECOND ITERATION	
475 M 125M 975 M		- MAX CORRELATION SHIFT: +/- 20 MS	
537.5M 1037.5M		- CORRELATION WINDOW: 400-1600 MS	
SPREAD CONFIGURATION		NMO / STACK 3000 Z	
25 M		- CDF ORDERED DATA WND CORRECTED WITH FINAL VELOCITIES	
		- MUTE APPLIED TO REMOVE STRETCHED DATA AND FIRST ARRIVALS	
SOURCE PATTERN		ZERO PHASE CONVERSION	
25 M		- OPERATOR COMPUTED STATISTICALLY ON ONE WINDOW	
		- WND: 300 - 1400 MS	
SCALES		I.V.F.	
HORIZONTAL: 1 : 25000		0.0 SEC 14/24 - 50/48 HZ/DB	
VERTICAL: 5 CM - 1 SEC		1.4 SEC 14/24 - 50/48 HZ/DB	
KILOMETER: 0.5		2.0 SEC 14/24 - 30/48 HZ/DB	
		4.0 SEC 8/24 - 30/48 HZ/DB	
LEGEND		R.N.A.	
INTERSECTIONS		- OPERATOR WIDTH (TRACES): 7	
VELOCITY ANALYSIS		- LENGTH OF WINDOW: MS 500	
		- FEEDBACK: 40 Z	
COMMENTS		R.P.F.	
POLARITY CONVENTION		- 7 TRACES	
RECORDING: COMPRESSION PULSE NEGATIVE NUMBER		WINDOW FEEDBACK DIP	
PROCESSING: COMPRESSION PULSE NEGATIVE NUMBER		(MS) 1/2 OF 1/P (CUTOFF EDGES)	
DISPLAY: COMPRESSION PULSE TROUGH		0-4000 MS 40Z -77 MS/TR	
DATUM PLANE: 400 M		RESIDUAL AMPLITUDE CORRECTION	
PROCESSED BY: C. ZAFFARONI		- STATISTICALLY COMPUTED GAIN FUNCTION HAS BEEN APPLIED TO RECOVER RESIDUAL ENERGY LOSSES	
CONTROLLED BY: P. STORER		- OUTPUT RMS LEVEL: 2000	
		PLAYBACK	
		- OUTPUT RMS LEVEL: 2000	
		- GAIN WINDOWS: 256-1024 MS	
		- PLOTTER: LASERDOT	
		- PRESENTATION: VA/50	
		STORED REELS	
		- PREPROCESSING: 614032	
		- STACK 1 (MIN. PHASE): 614024 (LBIN 1)	
		- STACK 1 (SEC-Y): 614239 (LBIN 2)	
		- MIGRATION (SEC-Y): 614259 (LBIN 2)	

