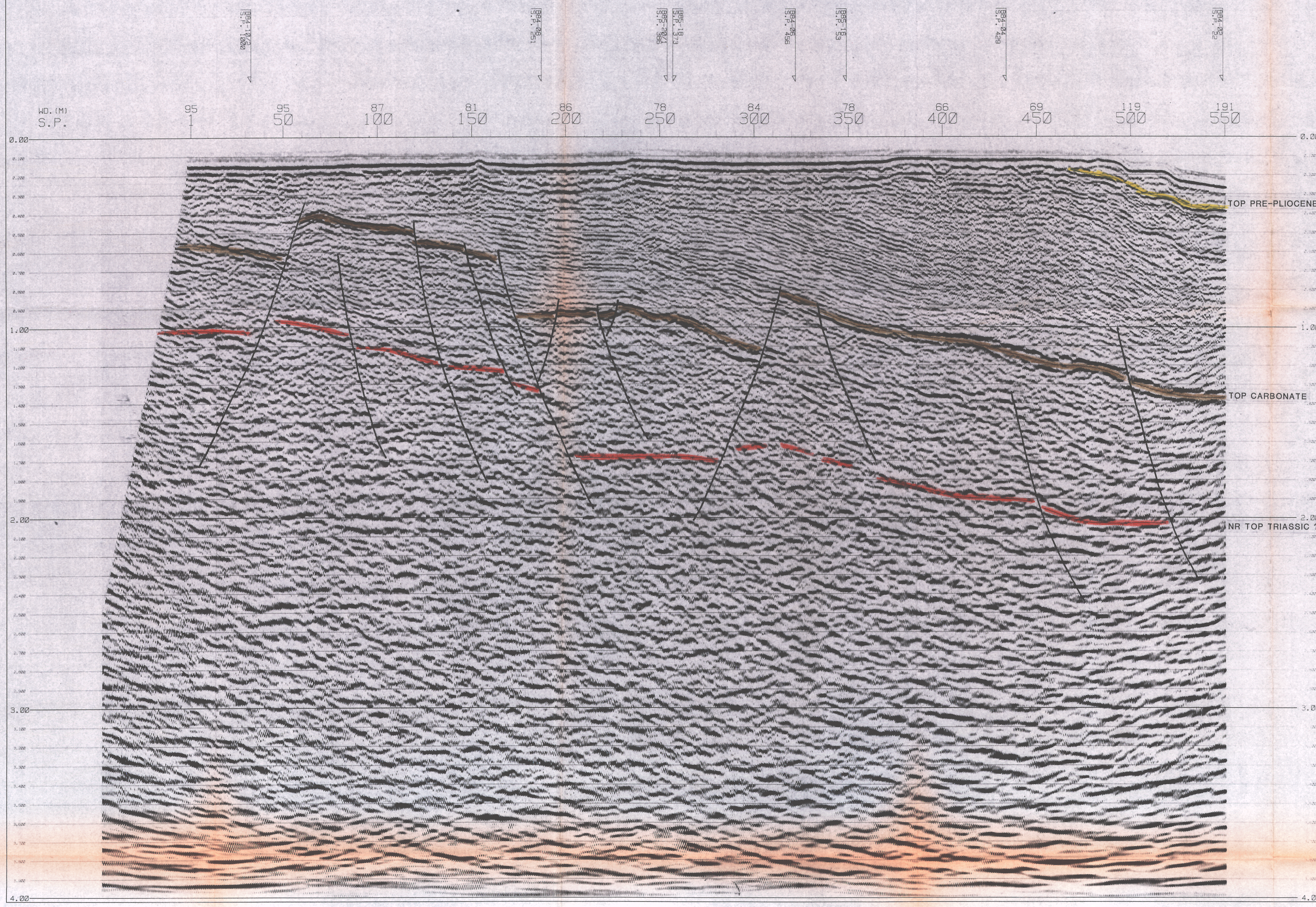


BURTON & FLOPPA LTD.
 LINE: 035-28
 SHOTPOINTS: 1-550
 AREA: OFFSHORE SICILY BLOCK CR:12
 TITLE: 4800% MIGRATED STACK
 DIRECTION: NNE. >

ENSGN GEOPHYSICS LTD.

TIME	VRMS	VINT	TIME	VRMS	VINT	TIME	VRMS	VINT	TIME	VRMS	VINT	TIME	VRMS	VINT	TIME	VRMS	VINT	TIME	VRMS	VINT	TIME	VRMS	VINT	TIME	VRMS	VINT	TIME	VRMS	VINT																																							
122	1480	1972	133	1480	2055	129	1480	2036	123	1480	1798	121	1480	1925	122	1480	1746	114	1480	1983	124	1480	2128	113	1480	2071	110	1480	1926	91	1480	2072	171	1480	1736	133	1480	2055	129	1480	2036	123	1480	1798	121	1480	1925	122	1480	1746	114	1480	1983	124	1480	2128	113	1480	2071	110	1480	1926	91	1480	2072	171	1480	1736



ACQUISITION

COMPANY: COMPAGNIE GENERALE DE GEOPHYSIQUE, POSEY, FRANCE.
 DATE: DECEMBER 1985
 VESSEL: M.V. LUCIEN BEAUFORT
 NAVIGATION: PRIMARY: SYLEDIS SECONDARY: SAT.NAV.
 SOURCE: STARGET
 GUN DEPTH: 100 M
 NEW TR. OFFSET: 90 75.5 M
 SPOT INTERVAL: 5 M
 RECORDING SYSTEM: SN-568 1600 BPT
 FORMATS: 1600 BPT
 FILTERS: LOW CUT: 0.5 HZ
 DATA LENGTH: 154(170) HZ(OB/OCT)
 SAMPLE RATE: 4 MS
 CABLE LENGTH: 2400 M
 NO. GROUPS: 48
 GROUP INTERVAL: 11 M

PROCESSING

COMPANY: ENSIGN GEOPHYSICS LTD., ADLESTONE KEYRIDGE, UK.
 CONTRACT NO.: 159
 PROCESSED DATA LENGTH: 4.0 S

- DEMULTIPLEX
- DESIGNATURE INPUT: RECORDED NEARFIELD SIGNATURE MINIMUM PHASE EQUIVALENT
 DESIRED OUTPUT: MINIMUM PHASE EQUIVALENT
- RESAMPLE FROM 2 MS TO 4 MS
 ANTI-ALIAS FILTER: 50(72) HZ(OB/OCT)
- DECONVOLUTION BEFORE STACK
 TYPE: EXPONENTIAL
 PRE-DECONVOLUTION SCALE: MIN. PHASE LEAST SQUARES INVERSE
 DESIGN WINDOW NEAR TRACE: 350-2500 MS
 FAR TRACE: 2500-3500 MS
 MAX. PREDICTION LAG: 200 MS
 MIN. PREDICTION LAG: 4 MS
 POST-DECONVOLUTION SCALE: INVERSE EXPONENTIAL
- NMO CORRECTION
 VELOCITY DERIVATION: CONTOURED SPECTRA
- MUTE
 OUTSIDE TRACE OFFSET DEPENDENT
- STACK
 TYPE: STANDARD MEAN AMPLITUDE COP
 COVERAGE: 4800%
 GEOMETRICAL DIVERGENCE COMPENSATION
- STATIC CORRECTIONS
 GUN AND CABLE DELAY: -11 MS
- F-K COHERENT NOISE ATTENUATION
 PASSBAND: -4.5 TO +4.5 MS DIP PER TRACE
 PERCENTAGE FEEDBACK: 25 %
- DECONVOLUTION AFTER STACK
 TYPE: MIN. PHASE LEAST SQUARES INVERSE
 AUTOCORRELATION WINDOW: 350-2500 MS
 MAX. PREDICTION LAG: 200 MS
 MIN. PREDICTION LAG: 4 MS
- AMPLITUDE BALANCE
 TYPE: STABLE AGC - 400 MS WINDOW
- WAVE EQUATION MIGRATION
 FINITE DIFFERENCE SOLUTIONS
 PRE-MIGRATION FILTERS: LOW: 6(24) HZ(OB/OCT)
 HIGH: 105(36) HZ(OB/OCT)
 VELOCITY DERIVATION: 100% SMOOTHED RMS VELOCITIES
- SPACE TIME VARIANT FILTER
 TYPE: LOW CUT
 TIME: 0-200 MS
 HZ(OB/OCT): 10(36)
 700-1000 MS
 HZ(OB/OCT): 10(36)
 1700-2000 MS
 HZ(OB/OCT): 40(148)
 2500-4000 MS
 HZ(OB/OCT): 35(148)
- AMPLITUDE BALANCE
 TYPE: RESIDUAL AMPLITUDE DECAY COMPENSATION
 B1 ITERATED STABLE AGC - 400 MS WINDOW
 CUTOFFS AND SLOPES SPECIFIED AT -308 POINT
 LINEAR INTERPOLATION OF FILTERS IN TIME AND SPACE

DISPLAY

SYSTEM: SCITEX LASER PLOTTER
 VERTICAL SCALE: 10 CM/SEC
 HORIZONTAL SCALE: 1:25000
 POLARITY: COMPRESSION: NEGATIVE: TROUGH
 DATUM PLANE: SEA LEVEL
 SHOTPOINT LOCATION: COP POSITION

