

ALLEGATO 4 A	DATA GIUGNO 81	DIS. N° 219/5
-----------------	-------------------	------------------

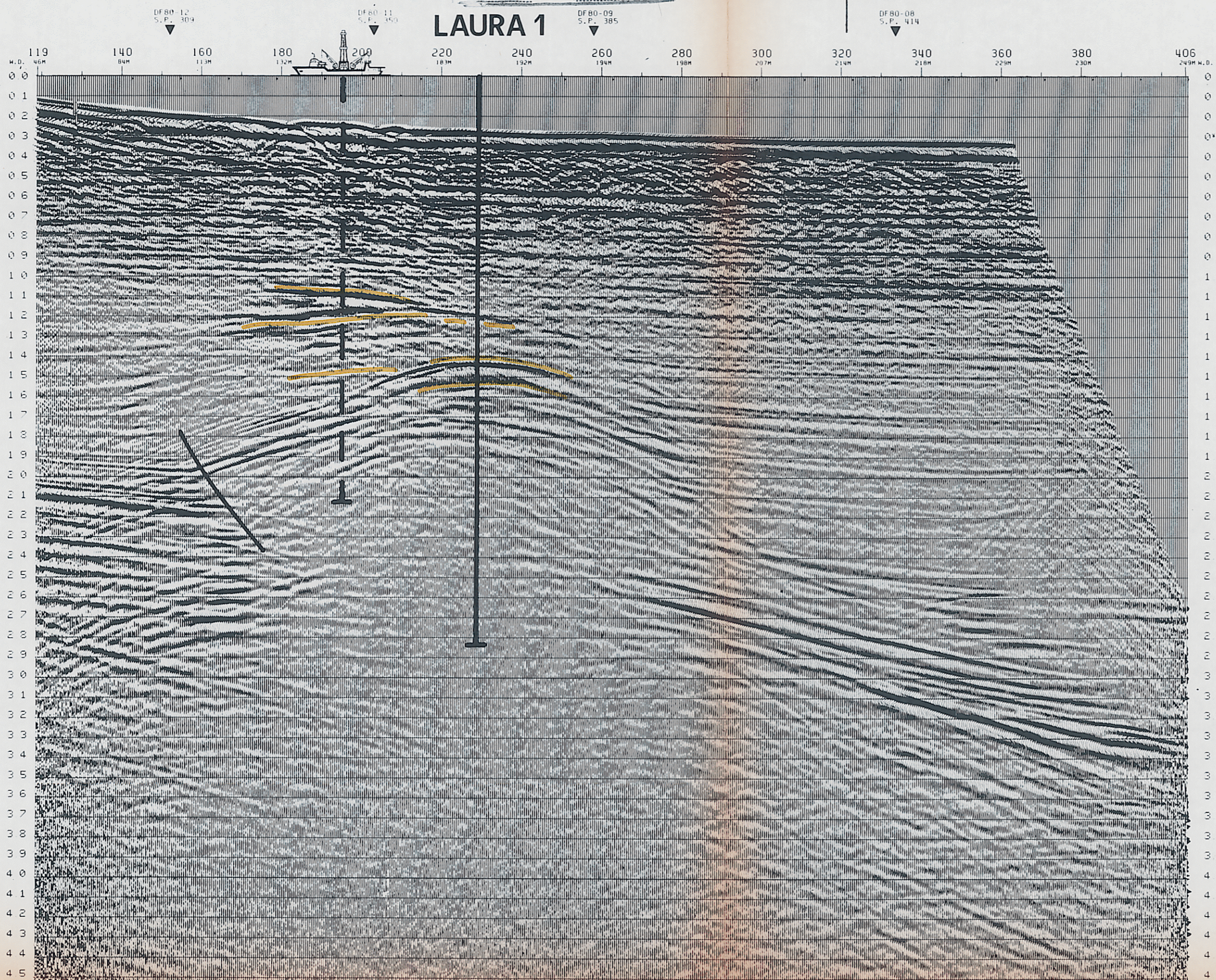
21 AGO. 1982	
Prof. N. 3973	
Sez. I	Posiz. _____

LORENA 1

LAURA 1

D.R50.AG

F.R5.AG



AGIP

WESTERN GEOPHYSICAL
COMPANY OF AMERICA

OFFSHORE
ITALY

W.G.C. CONTRACT
PROCESSED IN LONDON DIGITAL CENTRE OCT 1980
DATE SHOT JUNE 1980

RECORDING DATA

BOAT
M.V. WESTERN SEA
PRIMARY NAVIGATION BY SILEDIS
SECONDARY NAVIGATION BY SAT. NAV.
MAP/SECTION LOCATION C.O.P.

SOURCE
AQUAPULSE
NUMBER OF GUNS 8
GUN DEPTH 9M
POPS PER KM 40
S.P. INTERVAL 25M

INSTRUMENTS
AMPLIFIER LRS 888
FILTER L.O. 6HZ, 180B/OCT HI. 175HZ, 700B/OCT
RECORD LENGTH 6 SECS
SAMPLE RATE 2 MS
FORMAT SEC. I (NA) CAP. 1, 1600 BPT

CABLE
2400M STREAMER
NO. OF GROUPS 96
HYDROPHONES 20 PER GROUP
GROUP LENGTH 23M
GROUP INTERVAL 25M
CABLE DEPTH 12M

PROCESSING SEQUENCE

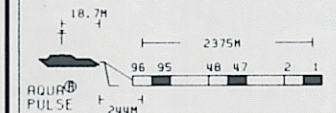
PROCESSING SAMPLE RATE 4 MS

DEMULTEX
SUBSAMPLE TO 4 MS SAMPLE RATE

PREPROCESSOR - D.B.S.
I) COMMON DEPTH FAMILY GATHER
II) GEOMETRIC SPREADING GAIN APPLIED
III) 6HZ LO-CUT PREFILTER APPLIED
IV) DECONVOLUTION
TYPE MIN. PHASE INVERSE FILTER
WINDOW LENGTH 1 X 3500 MS
MINIMUM PREDICTIVE LAG 8 MS
LENGTH OF FILTER OPERATOR 196 MS
I) TRACE BALANCE ON OUTPUT

VELOCITY ANALYSIS
EXPANDED VELANS

N.M.O. - 4800% STACK
MUTE



SCALES
HORIZONTAL ... 1 : 12,500
VERTICAL ... 10CM/SEC
1 : 25,000
5CM/SEC

LEGEND
▽ INTERSECTIONS
W.D. WATER DEPTH
↓ VELOCITY ANALYSIS
D.C. FOR W.G.C.

COMMENTS
DATUM PLANE IS SEA LEVEL
A GUN AND CABLE CORRECTION OF 13 MS HAS BEEN APPLIED IN THE FINAL DISPLAY. COMPRESSION PULSES RECORD AS NEGATIVE NUMBERS ON TAPE AND PLOT AS TROUGHS (WHITE) ON PLAYBACK

