SOUTHEAST

ALL DATA AND INFORMATION SHOWN ON THIS CROSS SECTION ARE PROPRIETARY TO GEOPHYSICAL SERVICE INC. AND ITS AFFILIATES (GSI) AND ARE FURNISHED BY GSI TO ___ ON A CONFIDENTIAL BASIS FOR USE BY COMPANY PERSONNEL ONLY. DISCLOSURE TO COMPANY'S REPRODUCTION CONTAINED IN THE AGREEMENT BETWEEN GSI AND COMPANY DATED ------XXX------

LINE 4

SHOTPOINTS 3080 - 4079

BERMUDA TRIANGLE

OFFSHORE
EAST COAST USA

SCALED SECTION

FIELD DATA

FIELD PARTY	437
CHIEF	MAX JOHNSON
DATE SHOT	APRIL 1974
ENERGY SOURCE	AIR GUNS
SOURCE CAPACITY	1310 CU. IN.
SOURCE DEPTH	20 FEET
RECORDING INSTRUMENTS	DFS-V (21 TRACK)
GAIN CONTROL	F P
RECORDING FILTERS LOW	8 HZ 18 DB/OCT
HIGH	62 HZ 72 DB/OCT
SAMPLE RATE	4 MSEC
RECORD LENGTH	7 SECONDS
STREAMER DEPTH	50 FEET
STREAMER LENGTH	3600 M (A.C.) 48 TRACE
GROUP CENTER INTERVAL	50 METERS, FARS (1-24) 100 METERS NEARS (25-48)
INLINE SHOT OFFSET	300 METERS
CHAIN SHOT INTERVAL	50 METERS
MULTIPLICITY	24 FOLD (TRACES 25-48) 12 FOLD (TRACES 1-24)

DIGITAL PROCESSING

DATUM - SEA LEVEL

TRUE AMPLITUDE RECOVERY

ALPHA = 5.5 DB/SEC
T1 = WATER BOTTOM
T2 = 9.5 SEC BELOW WATER BOTTOM

TIME VARIANT DECONVOLUTION

WATER BOTTOM	FILTERS	LENGTH (MSEC)
131 TO 131 FT	2	180
131 TO 197 FT	2	292
197 FT	2	188

TIME VARIANT SCALING

GATE LENGTH = 500 MSEC
UNITY SCALARS
START TIMES WATER DEPTH DEPENDENT

VELOCITY ANALYSIS

MINI-TOO PACKAGE VELOCITY ANALYSIS
SCATTERGRAMS AT 2 MILE INTERVALS

NORMAL MOVEOUT CORRECTION

VELOCITY ANNOTATION ON SECTION HEADING

FIRST BREAK SUPPRESSION

SEE TAPER ON RECORD

CDP STACK

48 FOLD WITH ADJACENT TRACE MIX OF FAR TRACES
(TRACES 1-24 = 12 FOLD, 25-48 = 24 FOLD)

TIME VARIANT DECONVOLUTION

NOT APPLIED

TIME VARIANT FILTERING

TIME (MSEC.)	FILTER (HZ.)
MB	15-42
MB + 1100	10-31
MB + 1900	6-30
MB + 4500	8-27

TIME VARIANT SCALING

UNITY SCALARS
START TIME = WATER BOTTOM
GATE LENGTH = 500 MSEC

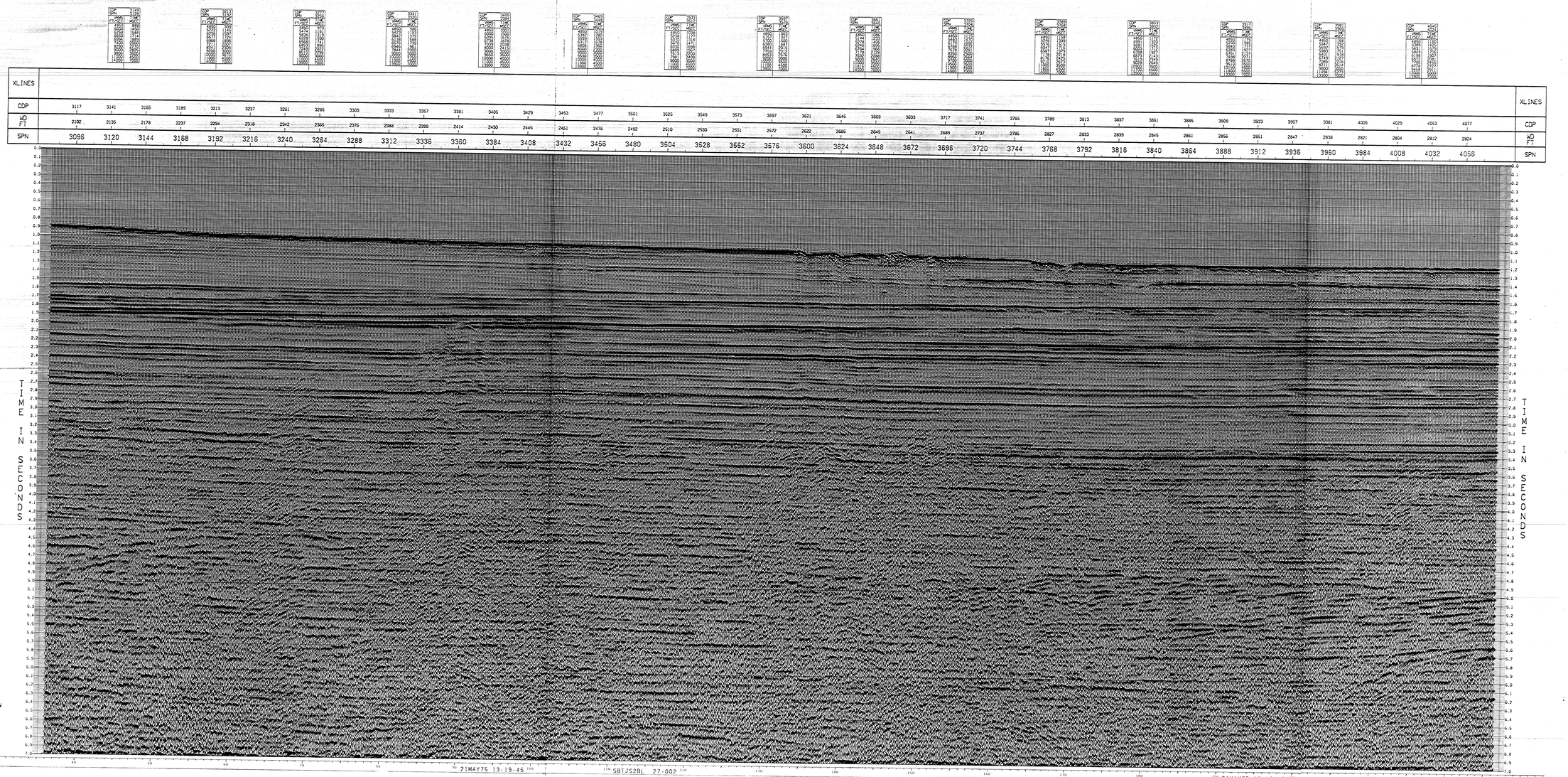
DISPLAY

MIXED TRACE VARIABLE AREA
24 TRACES/IN.
2.5 INCHES/SEC.

DISPLAY GAIN

INPUT	
CDP	FLT
GAIN	MUTE
1KF	
AF 0	5000

GEOPHYSICAL SERVICE INCORPORATED
(A SUBSIDIARY OF TEXAS INSTRUMENTS INC.)

L4
21 MAY 1975
13:17:58

PROCESSING CHECKED BY : D. MACKIE