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 _____ ('COMPANY') FOR USE BY COMPANY UNDER RESTRICTIONS OF DISCLOSURE AND REPRODUCTION CONTAINED IN THE 'AGREEMENT' BETWEEN GSI AND COMPANY DATED _____.

LINE 1

SHOTPOINTS 6720 - 5963

BERMUDA TRIANGLE

OFFSHORE
EAST COAST USA

SCALED SECTION

FIELD DATA

FIELD PARTY	:	437
VESSEL	:	M/V JONSSON
DATE SHOT	:	APRIL 1974
ENERGY SOURCE	:	AIR GUNS
AIRGUN CAPACITY	:	1310 CU. IN.
SOURCE DEPTH	:	29 - 70 FEET
RECORDING INSTRUMENTS	:	DFS-V (21 TRACK)
GAIN CONTROL	:	I.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 - 55 FEET
STREAMER LENGTH	:	11 3800 M. (A.C.) 48 TRACE
GROUP CENTER INTERVAL	:	50 METERS PAIRS (1-24) 100 METERS NEARS (25-48)
INLINE SHOT OFFSET	:	308 METERS
SHOTPOINT 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 = 5.5 SEC BELOW WATER BOTTOM

TIME VARIANT DECONVOLUTION

WATER BOTTOM	FILTERS	LENGTH (MSEC)
131 - 760 FT	2	180
131 - 760 FT	2	252
> 760 FT	3	188

TIME VARIANT SCALING

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

VELOCITY ANALYSIS

MINI-700 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.)
WB	15-42
WB + 1100	12-51
WB + 1900	8-30
WB + 4500	8-27

TIME VARIANT SCALING

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

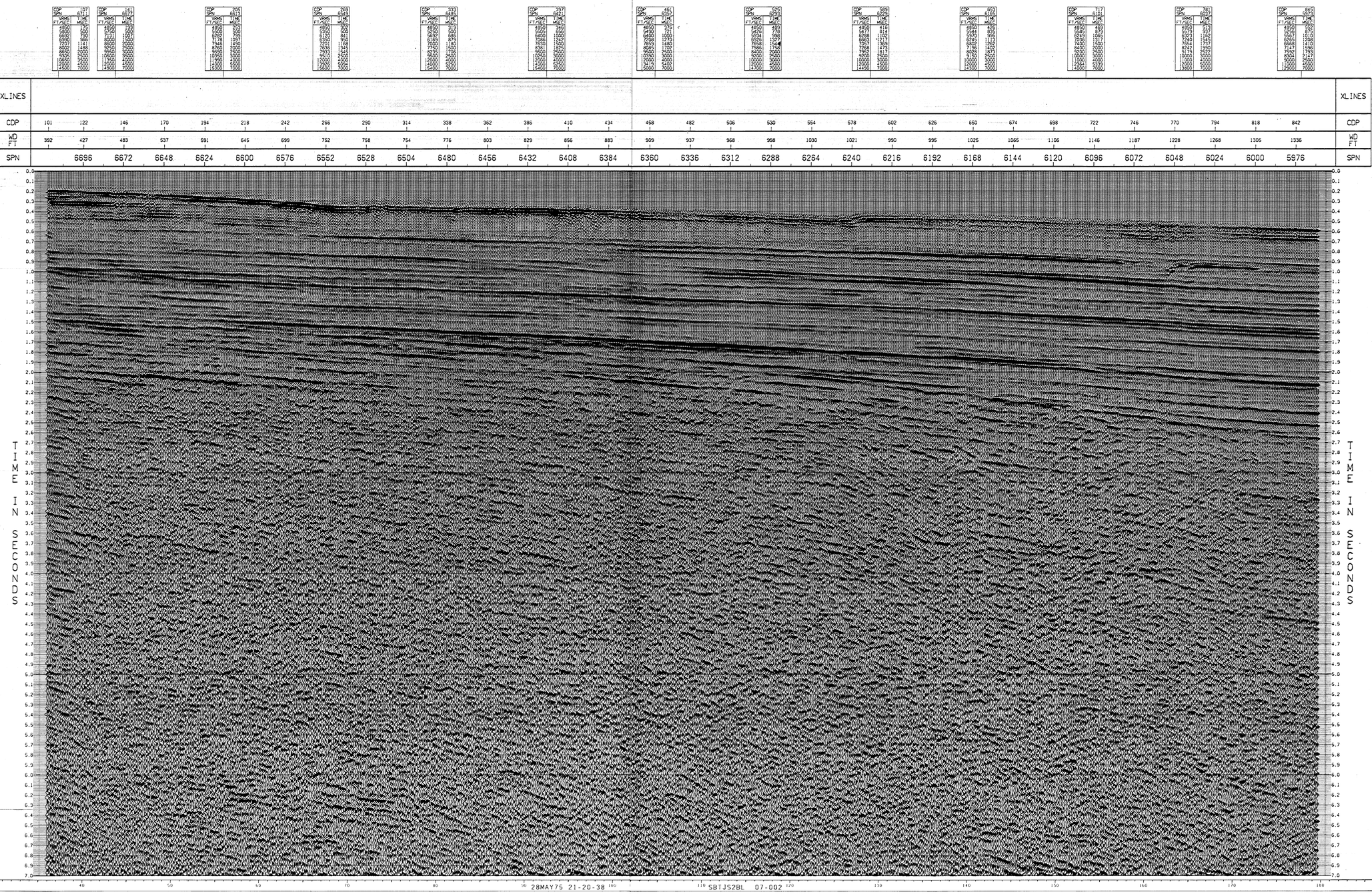
DISPLAY

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

DISPLAY GAIN

INPUT	
CDP	ALL
GAIN DB	TIME MSEC
-82.0	5000

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

L1
28 MAY 1975
21:15:52

PROCESSING CHECKED BY : D. MACKIE