NORTHEAST

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 "GSI-GSI" ("COMPANY") FOR USE BY COMPANY UNDER RESTRICTIONS OF DISCLOSURE AND REPRODUCTION CONTAINED IN THE "AGREEMENT" BETWEEN GSI AND COMPANY DATED 9-75

LINE 8

SHOTPOINTS 2968 - 3967

BERMUDA TRIANGLE

OFFSHORE
EAST COAST USA

TRUE AMPLITUDE 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	25 - 30 FEET
RECORDING INSTRUMENTS	DFS4 (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 - 55 FEET
STREAMER LENGTH	TI 3600 M (A.C.) 48 TRACE
GROUP CENTER INTERVAL	50 METERS FARS (1-24) 100 METERS NEARS (25-48)
INLINE SHOT OFFSET	306 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 FT	2	180
131 - 760 FT	2	292
+ 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 + 1000	8-60.

TIME VARIANT SCALING
NOT APPLIED

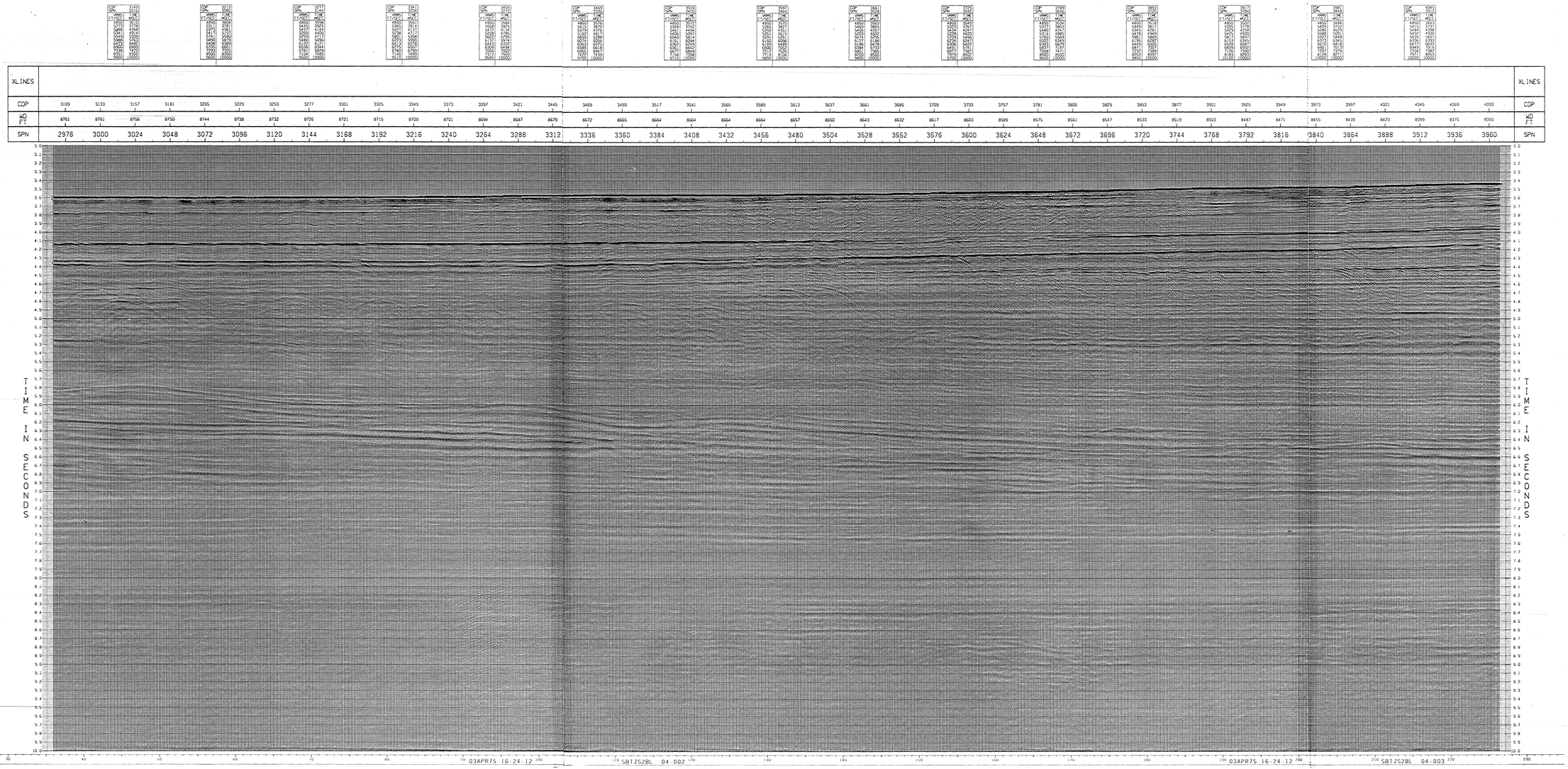
DISPLAY
WIGGLE TRACE VARIABLE AREA
24 TRACES/IN.
2.5 INCHES/SEC.

DISPLAY GAIN

GAIN	
CDP	ALL
GAIN	1 SEC
WB	1000
WB 0	1000

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

LIPCH

PROCESSING CHECKED BY : D. MACKIE

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