GENERAL MARINE INFORMATION FOR LINE NO. USGS-1

FORM GSI — CAL - 80 - 1

CLIENT	PROSPECT NAME:	AREA	VESSEL	PARTY NO.	SYSTEM OPERATOR	DATE
U.S.G.S.	GULF OF MAINE	GULF OF MAINE	POLAR PRINCE	2451	T. KNEE.	NOV. 19/84

LINE	FIRST SP	LAST SP	FIRST REC	LAST REC	CABLE TYPE	LENGTH	GROUP INTERVAL	NO. GROUPS
USGS-1	101	244	101	243	AQ. 120T	3000 M	25 M	120

SHOT INTERVAL	FOLD	GP NO. NEAREST BOAT	OFFSET: CENTRE OF GUN ARRAY TO CENTRE OF NEAR GROUP	WATER BREAKS CHANNELS	AUXILIARY CHANNELS
50 M	30	120	269 M	4 LIVE/(AUX ON TAPE)	

TAPE NUMBERS: FIRST 671 527 — LAST 671 529 — 3 TAPES USED.

AIRGUN ARRAY

ARRAY	DEPTH OF SOURCE	FIRING DELAY
4860 in³	7 +/- 1 M	51.2 M SEC

ARRAY CONFIGURATION: 4860 in³ @ 2000 p.s.i. ACTIVE

LINE BEARING: 161.7°

RECORDING (✓): [ ] 1 SYSTEM [ ] 2 SYSTEMS [✓] ODDS & EVENS [ ] NEARS & FARS

POSITIONING: P = PRIMARY S = SECONDARY
[ ] CMS-II/DOPPLER [ ] CMS-II/LORANC [ ] CMS-II/ARGO
[ ] ARGO [ ] SYLEDIS [P] OTHER SPECIFY SA-/LORAN

USE SPACE BELOW FOR BOAT CIRCLE, OVERLAPS AND OTHER RELEVANT INFORMATION. (USE DIAGRAMS WHENEVER POSSIBLE)

FIRST CHARGEABLE SP 121 - LOWCUTS IN SP'S 101-120

TRACE 21 OPEN

TRACE 72 INTERMITTENT WEAK.

MSP = 1
A/F = 3
PE.'S = 1
OTHERS = 0

[✓] DFS V [ ] _____ HEADER NO. 690

FORMAT SEG B PE' [✓] GAPPED [ ] UNGAPPED

NO. BYTES IN: HEADER 276 SCAN 314 REC ID 0002

GAIN CONSTANT 24 DB FINAL GAIN 108 DB

SAMPLE RATE 4 M SEC RECORD LENGTH 15 SEC

FILTERS: LOW CUT — HZ — DB/OCT
HIGH CUT 40 HZ 72 DB/OCT

DELAY START RECORD MODULE 0 SECOND

POLARITY: PRESSURE INCREASE ON PHONE [✓] DOWNBREAK [ ] UPBREAK
NUMBERS ON TAPE [ ] +ve [✓] -ve
ON MONITOR DISPLAY

PACKING DENSITY: [✓] 1600 [ ] 6250 [ ] _____

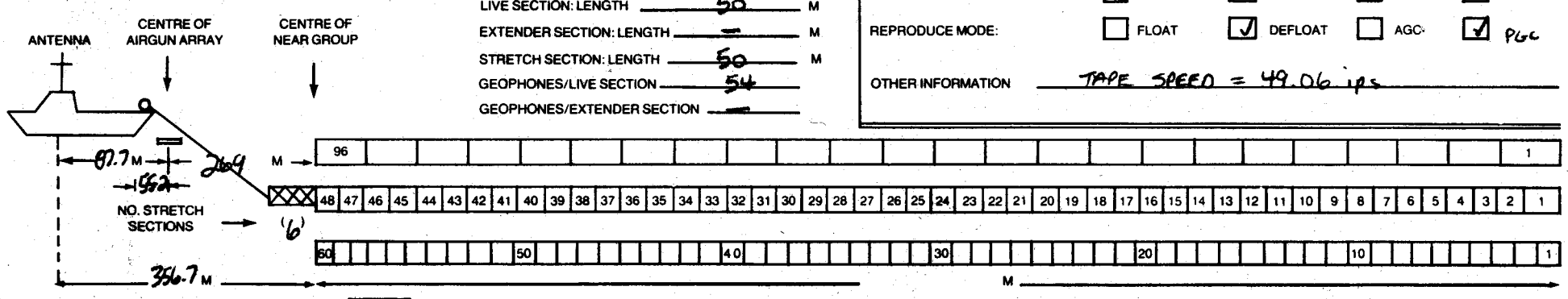
MONITOR TYPE: [✓] R.A.W. [ ] NOT R.A.W.

RECORD GAIN MODE: [✓] IFP [ ] INIT. [ ] MAN [ ] OPER

REPRODUCE MODE: [ ] FLOAT [✓] DEFLOAT [ ] AGC [✓] PGC

OTHER INFORMATION: TAPE SPEED = 49.06 ips

LIVE SECTION: LENGTH 50 M
EXTENDER SECTION: LENGTH — M
STRETCH SECTION: LENGTH 50 M
GEOPHONES/LIVE SECTION 54
GEOPHONES/EXTENDER SECTION —



STRETCH SECTION X DEPTH CONTROLLER AND TRANSDUCER ◇ STREAMER TRACKING SENSOR

MARINE RECORDER FIELD DATA — DFS V

VESSEL	PARTY NO.	DATE
POLAR PRINCE	2451	19/11/84
CLIENT U.S.G.S	AREA GEORGES BANK	LINE L # 1

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SHOT-POINT NO.	REC. NO.	TAPE NUMBER	TIME GMT	WD M	DIST. GUN CENT. TO	STREAMER DEPTH M/FT BOAT ↓						↓ TAIL	REMARKS
					9	8	7	6	5	4	3	2	1	
51	51	671527												SPREADSHOT GUN1-PH4
52	52													GUN1-PH4
53	53													GUN1-PH4
54	54													GUN2-PH4
100	100													BOL NOISE STRIP
51	51													BOL NOISE STRIP
101	101		0013	49.	15	17	16	18	17	15	16	16	16	BOL
106	106													P.G.C 9db PER SEC
109	109													FINAL GAIN 48db
113	113													FINAL GAIN 54db
117	117													TRIP DELAY 2SEC
121	121													LOWCUTS OUT FCSP
132	132													A/F GUN 45
152	152													EOT
153	153	671528	0030	39	15	14	13	14	14	15	16	15	15	BOT
156	156													TRIP DELAY 1SEC
169	168													MSP
170	169													GOOD RECORD
184	183													A/F GUN45
189	188													PE(97)
203	202													EOT
204	203	671529	0033	39	14	13	13	15	14	14	14	14	14	BOT
235	234													A/F GUN45
244	243		0059	33										EOL

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