

APPENDIX C

LIST OF EQUIPMENT USED

1. FM Recording

(Reference group 1 nearest vessel)

Texas Instruments Model 8000 Amplifier System

a. Recording Settings

Ultimate sensitivity	full
Initial attenuation	76 db
AGC expansion	30 db/sec
Filters	

<u>Type</u>	<u>Frequency</u>	<u>Slope</u>
High-cut	92 cps	18 db/oct
Low-cut	OUT	

b. Playback Settings to VAX camera

Gain	straight
Filters	

<u>Type</u>	<u>Frequency</u>	<u>Slope</u>
High-cut	40 cps	18 db/oct
Low-cut	14 cps	18 db/oct

SIE PMR-20 Magnetic Recorder

Head 1 - 12	Seismic traces 1 - 12
13	Noise cancelling
14	Timing signal (100 cps from PMR-20 fork)
15 - 26	Seismic traces 13 - 24
27	Timebreak
28	Not used

Modulators	Model TRM-1
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Demodulators	Model TRD-1
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SIE TRO-6A Photo-Oscillograph

Galvo 1-24	Seismic traces 1-24
25	Timebreak
26, 27	Waterbreaks (monitor only)
28	100 cps from PMR-20 on monitor 100 cps from tape on playback

Paper width	2-1/2 in.
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Paper speed	5.932 ips
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Record length	5 sec
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Timing lines	Timing line generator
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Waterbreak Amplifiers

<u>Amplifier</u>	<u>Streamer Group</u>	<u>Trace</u>
1	1	26
2	5	26
3	9,10	26
4	16,15	27
5	20	27
6	24	27

Note: Trace 25 was positioned between traces 26 and 27. Selected streamer groups used for waterbreaks are noted on observer's logs.