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MARINE GEOPHYSICAL SURVEY (1965-1968) STATION-DATA LISTING AND REPORT CATALOG

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Naval Oceanographic Office
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Survey	North Pacific

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

This report is a catalog of collected Marine Geophysical Survey (MGS) data and published MGS reports. It lists the types of measurements (acoustic, oceanographic, and geophysical) made at 1,182 stations in the North Atlantic and North Pacific Oceans during the MGS Program 1965-1968. Published MGS task area reports are also briefly described.

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FOREWORD

A significant amount of environmental data collected during the Marine Geophysical Survey has been reported by Texas Instruments, Inc. and Alpine Geophysical Associates, Inc. under contract to the U. S. Naval Oceanographic Office. Although the survey was primarily conceived to provide environmental information for specialized Navy users, the collected data were sufficiently diverse to interest a wide group of potential users. This publication indicates the availability of reported data obtained in the North Atlantic and North Pacific Oceans during the survey.

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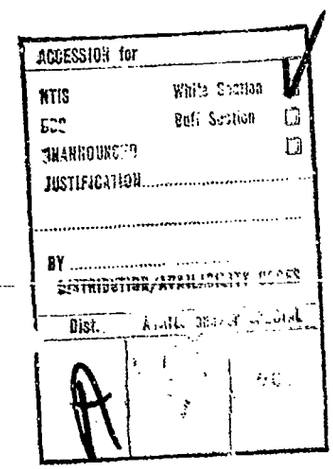
Captain, U. S. Navy
Commander



CONTENTS

ILLUSTRATIONS

TABLES

APPENDIXES

INTRODUCTION

The Marine Geophysical Survey (MGS) Program (1965-1968) produced an extensive collection of acoustic and supporting geophysical and oceanographic data in the North Atlantic and North Pacific Oceans. Magnetic, seismic, bathymetric, and 3.5-kHz normal incidence bottom reflectivity measurements were collected underway; and acoustic propagation, sound velocity, and temperature and salinity were measured and bottom cores and photographs taken on station. Table 1 is a summary of data obtained during the MGS Program.

TABLE 1

MGS DATA SUMMARY

DATA	ATLANTIC	PACIFIC	TOTAL
Acoustic stations	802	380	1,182
Velocimeter lowerings	638	399	1,037
BT drops	49	-	49
Nansen casts	156	49	205
Camera stations	81	64	145
Cores	95	75	170
Underway track miles	130,538	110,962	241,500

This report consists of a geographic listing of on-station measurements and a report catalog of 167 published volumes arranged and categorized in three special publication series. Texas Instruments, Inc. reports comprise the SP-95 series; and Alpine Geophysical Associates, Inc. reports, the SP-96 and SP-97 series. Each volume has been assigned a U. S. Naval Oceanographic Office Special Publication number, such as SP-95-6-1. In this example, SP-95 identifies the special publication series and the contractor, the 6 identifies the task area, and the 1 identifies the volume number. Figures 1 - 3 relate the special publication series and task area numbers to the geographic location of the 14 task areas and three transits between survey areas.

Publication users requiring information such as geographic location and type of data may refer directly to the station-data listing, and those interested in report content and report titles may refer to the report catalog.

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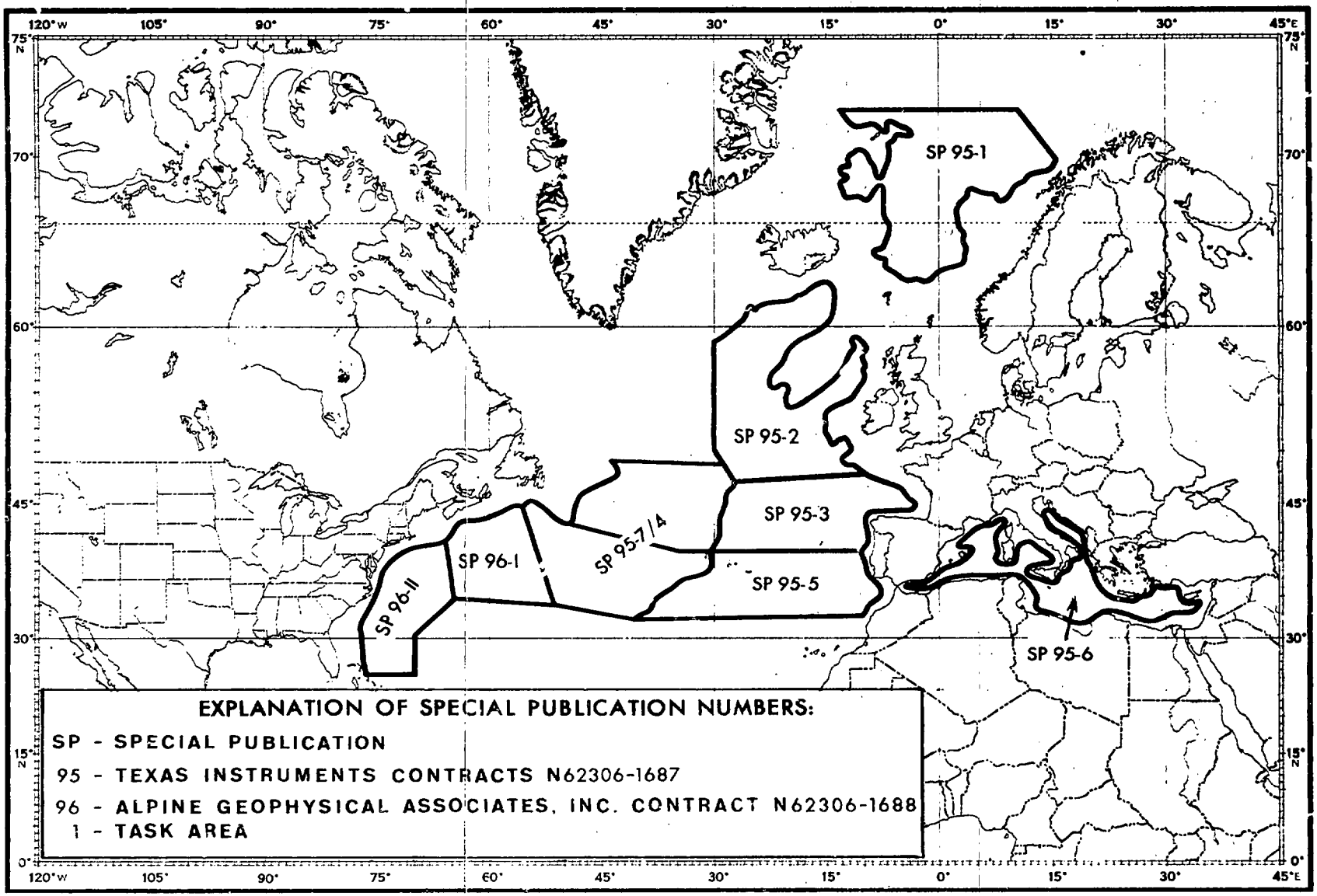


FIGURE 1 DESIGNATED SPECIAL PUBLICATION NUMBERS FOR TASK AREAS IN THE NORTH ATLANTIC

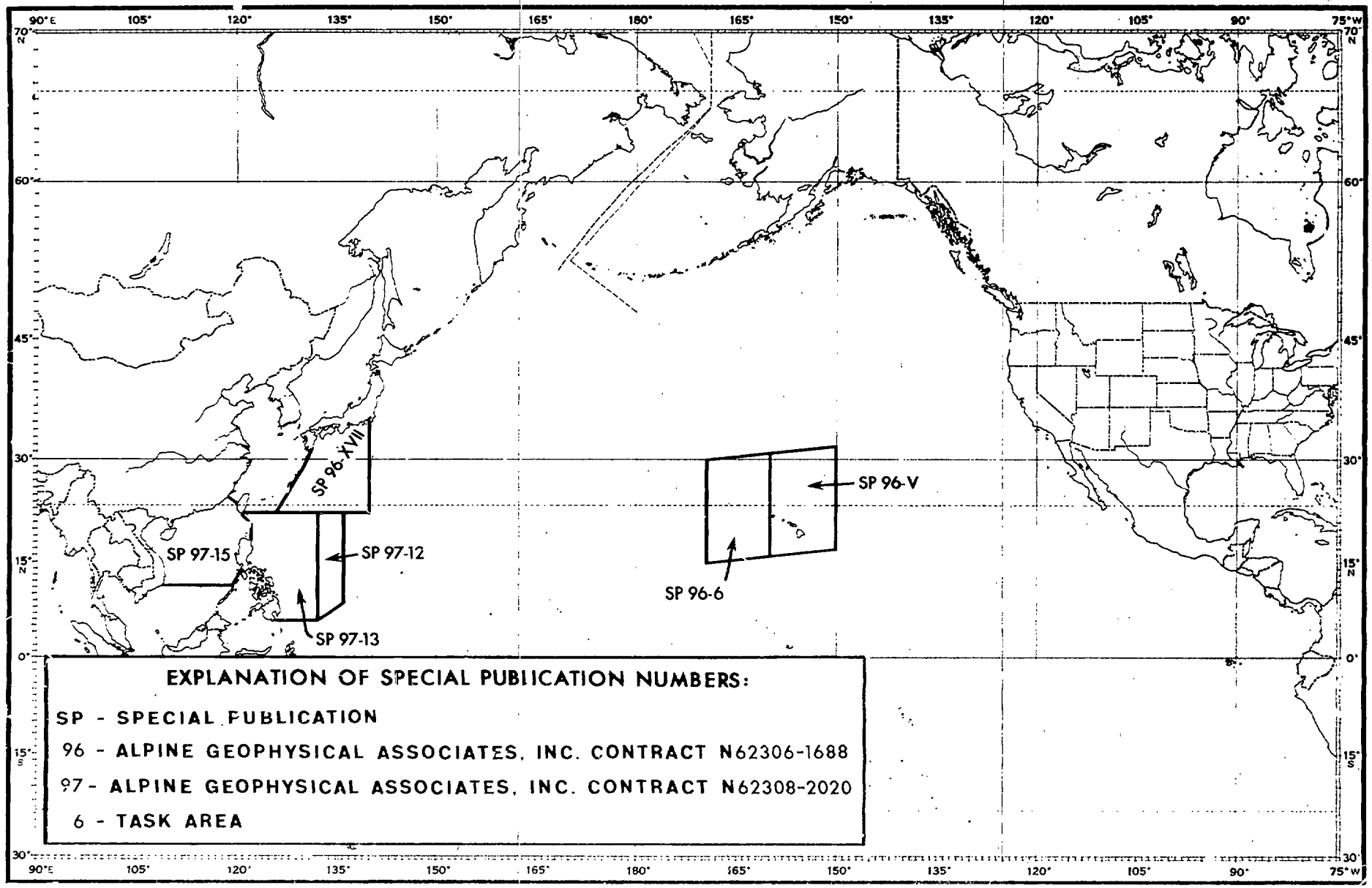
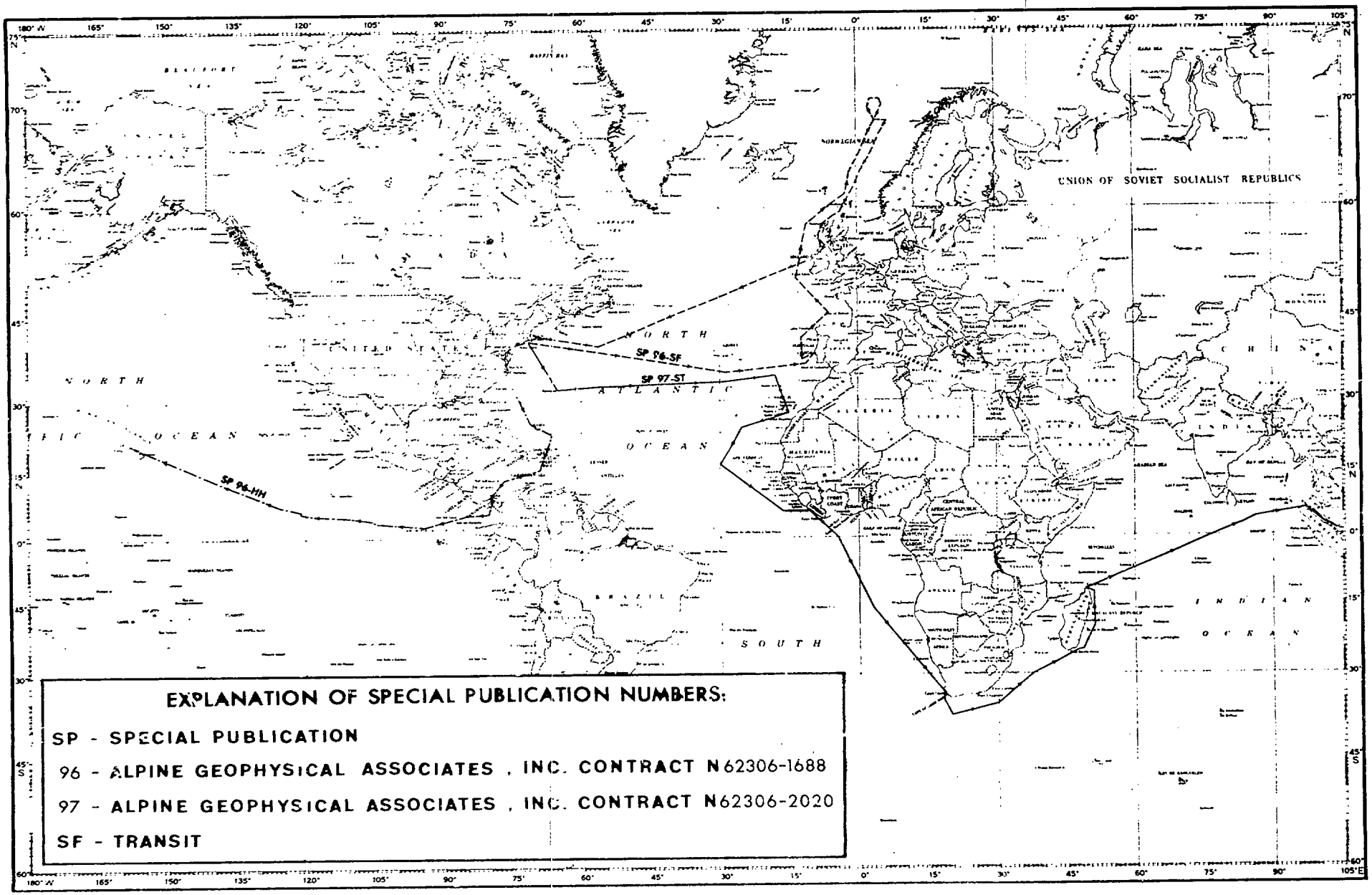


FIGURE 2 DESIGNATED SPECIAL PUBLICATION NUMBERS FOR TASK AREAS IN THE NORTH PACIFIC



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STATION DATA LISTING

The station-data listing contains a geographic* compilation of on-station-data categories reported in the MGS Program. A brief description of the data categories in the listing follows:

1. Sound Velocity - Profiles from surface to bottom were determined at most acoustic stations. Data are presented in tables and graphs.

2. Nansen casts - Temperature and salinity are listed at standard oceanographic depths. Comparisons were made between computed velocities derived from Nansen cast data and measured data from velocimeters to validate observations and ensure data quality.

3. Core - Bottom sediment samples were obtained with a modified Ewing piston corer and analyzed for lithographic description, engineering properties, sound velocity, and chemical composition.

4. Reverberation - Surface/volume- and bottom-reverberation levels were measured at selected sites. Twenty-four-hour volume reverberation stations were also occupied to determine daytime and nighttime levels.

5. Bottom photographs - At each core location, cameras were positioned near the bottom to obtain about 50 stereo pairs.

6. Propagation loss and bottom loss - Acoustic transmission measurements for the bottom reflected path using explosives as sources were made at each acoustic station. Propagation loss and bottom loss data are presented in tables and graphs as a function of range, grazing angle, and frequency (0.1, 0.5, 1.0, 2.0, 3.5, 8.0, and 12.0 kHz).

7. Physiographic provinces - Physiographic province charts for each task area were constructed from bathymetric and seismic information. The type of physiography at each station location is listed. Table 2 lists abbreviations for physiographic provinces.

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* The positions are acoustic station locations. Where no acoustic station was occupied, the noted position is for the first measured parameters. The positions are approximate, since the ships continually drifted while on station.

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The station-data listing is keyed to the task areas depicted in figures 1 - 3, and a determination of availability, type, and amount of data for a task area can be readily made. For example, if core information is required for the Norwegian Sea, the following procedure is applicable. The area of interest is located in figure 1, where it is noted that data are reported in the SP-95-1 series. The listing indicates that eight cores were taken and gives their locations. The volume in which the core data are reported is noted at the bottom of the page as volume 6, and the volume is designated SP-95-1-6 (see report catalog section).

The station-data listing excludes all underway measurements; e.g., seismic profiling, bathymetry, total magnetic intensity, sea surface temperature, and pulsed normal incidence acoustic data. These data are briefly discussed in the report catalog section.

TABLE 2

LIST OF ABBREVIATIONS FOR STATION-DATA LISTINGS

Abyssal Hills	ABH
Abyssal Plain	ABP
Arch	ARC
Atlantic	ATL
Basin	BAS
Bottom	BOT
Cone	CNE
Continental Borderland	BDL
Continental Shelf	CSF
Continental Slope	CSP
Fracture Zone	FRZ
Hawaiian Deep	HDP
Hill	HIL
Island Slope	ISP
Knoll	KNL
Lower Step	LST
Middle Step	MST
Moat	MOT
Nansen	NANSN
Pacific	PAC
Photographs	PHOT
Physiographic	PHYSIO
Plateau	PLT
Propagation	PROP
Province	PROV
Reverberation	RVRB
Ridge	RDG
Rift Mountains	RMT
Rise	RSE
Seamount	SMT
Surface	SFC
Terrace	TER
Trench	TRN
Trough	TGH
Upper Step	UST
Velocity	VELOC
Volume	VOL

STATION DATA SP-95-1

Contractor: Texas Instruments, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
1	2 Sep 66	62°30.0'N	001°00.0'W	X	X		X	X	X	X	RSE
2	17 Nov 66	63°45.0'N	000°04.8'E			X	X	X		X	RSE
3	16 Nov 66	64°00.0'N	002°00.0'E			X	X	X		X	CSP
4	15 Nov 66	64°40.8'N	002°07.2'E			X	X	X		X	RSE
5	15 Nov 66	65°15.0'N	001°48.6'E	X		X	X	X		X	RSE
6	11 Nov 66	66°28.2'N	003°07.2'E	X		X	X	X		X	PLT
7	9 Nov 66	67°00.0'N	006°00.0'E	X	X	X	X	X	X	X	PLT
8	10 Nov 66	67°27.0'N	003°45.0'E	X		X	X	X		X	PLT
[illegible]	12 Sep 66	67°55.2'N	002°51.0'E	X		X	X	X		X	PLT
10	11 Sep 66	68°22.8'N	004°42.6'E	X			X	X		X	CSP
11	13 Jul 66	68°34.2'N	006°58.2'E	X	X				X	X	CSP
11	27 Sep 66	68°31.2'N	006°51.0'E	X			X	X		X	CSP
12	28 Oct 66	67°40.2'N	006°51.6'E	X			X	X		X	PLT
13	28 Oct 66	68°00.0'N	008°30.0'E	X			X	X		X	RSE
14	27 Oct 66	68°48.6'N	009°00.6'E	X			X	X		X	RSE
15	23 Oct 66	69°00.0'N	011°00.0'E	X			X	X		X	RSE
16	23 Oct 66	69°24.6'N	013°12.0'E	X			X	X		X	RSE
20	22 Oct 66	69°54.0'N	013°00.0'E	X			X	X		X	RSE
21	26 Nov 66	69°19.4'N	011°30.0'E	X			X	X		X	RSE
22	26 Oct 66	69°45.6'N	009°30.0'E	X			X	X		X	RSE
23	27 Oct 66	69°16.8'N	008°45.0'E	X			X	X		X	RSE
24	11 Sep 66	69°16.2'N	005°10.2'E	X						X	ABP
25	10 Sep 66	69°00.0'N	003°10.2'E	X			X	X		X	ABP
26	10 Sep 66	69°30.0'N	003°00.0'E	X			X	X		X	ABP
27	14 Sep 66	68°40.2'N	001°00.0'E	X			X	X		X	RSE
Data reported in volumes					6	6	4	4	6	1 2	1 5

STATION DATA SP-95-1
Contractor: Texas Instruments, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
28	11 Oct 66	67°54.6'N	001°15.0'W				X	X		X	BAS
29	10 Oct 66	67°00.6'N	000°00.0'W				X	X		X	BAS
30	13 Nov 66	66°19.8'N	000°19.8'E	X	X		X	X	X	X	RSE
31	14 Nov 66	65°45.0'N	000°31.8'E	X			X	X		X	RSE
32	6 Sep 66	65°10.2'N	000°31.2'W	X			X	X		X	RSE
33	4 Sep 66	64°34.8'N	002°15.0'W	X			X	X		X	RSE
34	3 Sep 66	64°00.0'N	002°15.0'W	X	X		X	X	X	X	RSE
35	7 Aug 66	63°10.2'N	001°49.2'W				X	X		X	RSE
38	8 Aug 66	63°43.2'N	003°30.0'W				X	X		X	RSE
39	9 Aug 66	64°37.8'N	003°10.2'W				X	X		X	RSE
40	10 Aug 66	65°25.2'N	002°45.0'W				X	X		X	RSE
42	6 Sep 66	66°18.6'N	001°25.8'W	X			X	X		X	RSE
43	7 Sep 66	66°51.0'N	002°40.2'W				X	X		X	BAS
44	8 Sep 66	67°45.0'N	003°15.0'W	X			X	X		X	BAS
45	11 Oct 66	68°34.8'N	004°18.6'W	X			X	X		X	RSE
46	8 Sep 66	68°37.2'N	002°30.0'W	X			X	X		X	BAS
47	14 Sep 66	69°19.8'N	002°25.8'W	X			X	X		X	BAS
48	15 Sep 66	69°55.8'N	000°31.8'W	X			X	X		X	ABP
50	13 Aug 66	70°18.0'N	003°19.2'E	X						X	ABP
50	29 Sep 66	70°03.6'N	003°15.0'E	X	X		X	X	X	X	ABP
51	12 Aug 66	70°15.0'N	004°36.0'E							X	ABP
51	28 Sep 66	70°13.8'N	004°52.2'E	X			X	X		X	ABP
52	12 Aug 66	69°43.8'N	005°30.0'E	X						X	ABP
52	28 Sep 66	69°42.0'N	005°34.2'E				X	X		X	ABP
53	15 Oct 66	71°00.0'N	007°00.0'E	X			X	X		X	RSE
Data reported in volumes				6	6			4	6	2 1	1 5

STATION DATA SP-95-1

Contractor: Texas Instruments, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
55	22 Oct 66	70°51.0'N	011°18.0'E	X			X	X		X	RSE
57	21 Oct 66	71°15.0'N	014°00.0'E	X			X	X		X	RSE
58	18 Oct 66	71°49.8'N	012°00.0'E	X			X	X		X	RSE
59	18 Oct 66	71°40.2'N	010°30.0'E	X			X	X		X	RSE
61	15 Oct 66	71°30.0'N	007°30.0'E	X			X	X		X	RSE
62	14 Oct 66	71°15.0'N	005°40.8'E	X			X	X		X	RSE
64	14 Oct 66	71°15.0'N	002°30.6'E	X			X	X		X	RSE
65	13 Oct 66	70°40.2'N	002°00.0'E	X			X	X		X	KNL
67	16 Sep 66	70°25.8'N	003°15.0'W	X			X	X		X	RDG
68	13 Oct 66	69°00.0'N	005°00.0'W	X	X		X	X	X	X	RSE
69	22 Aug 66	67°54.0'N	005°21.0'W				X	X		X	RSE
70	22 Aug 66	67°00.0'N	005°19.8'W				X	X		X	RSE
71	23 Aug 66	66°00.0'N	003°49.8'W				X	X		X	BAS
72	23 Aug 66	65°21.0'N	005°15.0'W		X		X	X		X	KNL
73	24 Aug 66	64°00.0'N	006°00.0'W				X	X		X	CSP
74	24 Aug 66	65°12.0'N	006°57.0'W				X	X		X	KNL
75	23 Aug 66	66°24.0'N	007°19.8'W				X	X		X	RSE
77	21 Aug 66	67°37.0'N	006°52.8'W				X	X		X	RSE
78	19 Sep 66	68°43.8'N	006°25.2'W	X			X	X		X	RSE
81	18 Sep 66	69°21.6'N	008°51.0'W	X			X	X		X	BAS
3	16 Sep 66	70°10.2'N	006°30.0'W	X						X	RSE
-	14 Aug 66	71°30.2'N	003°21.0'W				X	X		X	RDG
87	14 Aug 66	71°43.8'N	007°10.2'W				X	X		X	RSE
88	15 Aug 66	71°49.8'N	008°51.0'W				X	X		X	RSE
89	16 Aug 66	72°00.0'N	010°19.8'W		X				X	X	RSE
Data reported in volumes				6	6		4	4	6	1 2	1 5

STATION DATA SP-95-1

Contractor: Texas Instruments, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
91	16 Aug 66	71°36.0'N	010°45.0'W				X	X		X	RSE
92	17 Aug 66	69°55.0'N	011°21.0'W				X	X		X	BAS
94	18 Aug 66	69°00.0'N	012°42.0'W		X		X	X	X	X	BAS
96	19 Aug 66	67°58.8'N	012°12.0'W				X	X		X	BAS
98	19 Aug 66	67°12.0'N	012°19.0'W				X	X		X	RSE
99	20 Aug 66	66°27.0'N	010°28.8'W				X	X		X	RSE
Data reported in volumes					6		4	4	6	1 2	1 5

STATION DATA SP-95-2

Contractor: Texas Instruments, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
1	27 Jul 67	54°28.0'N	013°15.0'W	X	X	X	X	X	X	X	ABP
2	27 Jul 67	55°20.0'N	012°50.0'W	X			X	X		X	ABP
3	28 Jul 67	55°42.0'N	011°00.0'W	X			X	X		X	RSE
4	29 Jul 67	56°52.0'N	011°50.0'W	X			X	X		X	RSE
5	30 Jul 67	58°19.0'N	010°48.0'W	X		X	X	X	X	X	RSE
6	31 Jul 67	59°23.0'N	012°20.0'W	X			X	X		X	RSE
7	1 Aug 67	60°00.0'N	015°00.0'W	X			X	X		X	RSE
8	2 Aug 67	61°17.0'N	015°57.0'W	X			X	X		X	RSE
9	3 Aug 67	62°17.0'N	016°33.5'W	X			X	X		X	RSE
10	4 Aug 67	62°01.5'N	018°57.0'W	X		X	X	X	X	X	RSE
11	4 Aug 67	61°08.0'N	017°50.0'W	X			X	X		X	RSE
12	5 Aug 67	60°06.5'N	017°38.0'W	X			X	X		X	RSE
13	6 Aug 67	59°42.0'N	019°38.0'W	X			X	X		X	RSE
14	6 Aug 67	60°04.5'N	021°23.0'W	X			X	X		X	LST
15	7 Aug 67	61°04.0'N	021°06.0'W	X			X	X		X	RSE
16	7 Aug 67	60°30.0'N	022°50.0'W	X			X	X		X	LST
17	8 Aug 67	59°59.0'N	024°58.0'W	X			X	X		X	MST
18	9 Aug 67	59°13.2'N	023°43.0'W	X			X	X		X	LST
19	9 Aug 67	58°33.8'N	022°45.0'W	X			X	X		X	LST
20	10 Aug 67	57°56.0'N	022°11.0'W	X	X	X	X	X	X	X	ABP
21	10 Aug 67	57°15.1'N	021°34.0'W	X			X	X		X	RSE
22	11 Aug 67	56°22.0'N	019°58.0'W	X			X	X		X	PLT
23	12 Aug 67	53°39.0'N	017°10.0'W	X			X	X		X	RSE
24	13 Aug 67	53°52.0'N	015°11.6'W	X			X	X		X	RSE
25	28 Jun 67	49°39.0'N	014°47.0'W	X			X	X		X	RSE
Data reported in volumes				6	6	6	4	4	6	1 2	1 5

STATION DATA SP-35-2

Contractor: Texas Instruments, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
26	29 Jun 67	49°08.0'N	016°18.0'W	X						X	ABP
27	30 Jun 67	49°54.0'N	017°10.0'W	X			X	X		X	ABP
28	1 Jul 67	50°40.0'N	017°27.0'W	X			X	X		X	ABP
29	2 Jul 67	51°18.0'N	018°47.0'W	X			X	X		X	RSE
30	14 Aug 67	51°58.5'N	017°35.7'W	X		X	X	X	X	X	RSE
31	13 Aug 67	52°48.2'N	018°10.0'W	X			X	X		X	RSE
32	24 Aug 67	54°55.0'N	022°29.0'W	X			X	X		X	RSE
33	24 Aug 67	55°51.0'N	023°15.5'W	X						X	RSE
34	25 Aug 67	57°12.5'N	023°30.0'W	X			X	X		X	ABP
35	26 Aug 67	57°43.5'N	024°40.0'W	X			X	X		X	LST
36	27 Aug 67	58°32.0'N	026°01.5'W	X			X	X		X	LST
37	27 Aug 67	59°15.0'N	027°20.8'W	X	X	X	X	X	X	X	MST
38	28 Aug 67	58°02.0'N	027°26.0'W	X			X	X		X	LST
39	29 Aug 67	57°00.0'N	027°29.2'W	X			X	X		X	LST
40	29 Aug 67	56°23.5'N	026°03.5'W	X			X	X		X	LST
41	30 Aug 67	55°17.3'N	026°06.2'W	X			X	X		X	RSE
42	31 Aug 67	55°31.5'N	027°33.5'W	X		X	X	X	X	X	RSE
43	31 Aug 67	54°40.0'N	029°08.0'W	X			X	X		X	RSE
44	1 Sep 67	53°16.4'N	028°32.2'W	X			X	X		X	RSE
45	2 Sep 67	53°23.6'N	026°30.0'W	X			X	X		X	RSE
46	3 Sep 67	54°25.0'N	024°26.0'W	X						X	RSE
47	4 Sep 67	53°40.0'N	023°11.0'W	X			X	X		X	RSE
48	5 Sep 67	52°37.2'N	022°20.0'W	X	X		X	X	X	X	ABP
49	3 Jul 67	51°28.0'N	020°50.0'W	X			X	X		X	TGH
50	3 Jul 67	50°27.0'N	019°12.0'W	X			X	X		X	RSE
Data reported in volumes				6	6	6	4	4	6	1 2	1 5

STATION DATA SP-95-2

Contractor: Texas Instruments, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
51	4 Jul 67	49°30.0'N	018°07.0'W	X			X	X		X	RSE
52	4 Jul 67	49°38.0'N	019°21.0'W	X			X	X		X	TGH
53	6 Sep 67	50°30.4'N	021°47.3'W	X			X	X		X	UST
54	7 Sep 67	51°36.0'N	023°27.0'W	X			X	X		X	ABP
55	7 Sep 67	52°22.8'N	024°23.0'W	X			X	X		X	UST
56	8 Sep 67	52°20.0'N	026°21.5'W	X			X	X		X	RSE
57	9 Sep 67	52°19.5'N	028°15.0'W	X			X	X		X	RSE
58	10 Sep 67	51°13.0'N	029°14.2'W	X			X	X		X	RMT
59	10 Sep 67	50°38.0'N	027°46.0'W	X			X	X		X	PLT
60	11 Sep 67	51°30.0'N	025°04.2'W	X			X	X		X	UST
61	3 Oct 67	50°48.0'N	024°17.0'W	X			X	X		X	MST
62	3 Oct 67	50°30.2'N	026°02.0'W	X		X	X	X		X	UST
63	1 Oct 67	49°29.0'N	026°53.0'W	X			X	X		X	PLT
64	30 Sep 67	48°34.1'N	025°55.0'W	X			X	X		X	PLT
65	29 Sep 67	49°06.0'N	024°51.0'W	X			X	X		X	UST
66	28 Sep 67	49°33.0'N	023°24.2'W	X			X	X		X	MST
67	26 Sep 67	48°44.5'N	022°35.0'W	X			X	X		X	MST
68	25 Sep 67	49°17.8'N	021°22.8'W	X			X	X		X	SMT
69	24 Sep 67	48°13.0'N	019°19.8'W	X			X	X		X	LST
70	23 Sep 67	48°26.0'N	017°46.5'W	X			X	X		X	RSE
71	27 Jun 67	48°16.0'N	015°45.0'W	X		X	X	X	X	X	ABP
72	26 Jun 67	48°32.0'N	013°52.0'W	X			X	X		X	RSE
73	25 Jun 67	48°34.0'N	011°36.0'W	X			X	X		X	CSP
Data reported in volumes				6		6	4	4	6	1 2	1 5

STATION DATA SP-95-3

Contractor: Texas Instruments, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
1	23 Oct 67	44°50.0'N	007°32.0'W	X			X	X		X	ABP
2	25 Oct 67	45°00.0'N	004°02.5'W	X	X	X	X	X		X	RSE
3	25 Oct 67	45°52.0'N	005°14.0'W	X			X	X		X	RSE
4	26 Oct 67	45°24.8'N	006°25.0'W	X			X	X		X	ABP
5	27 Oct 67	46°30.5'N	007°17.8'W	X			X	X		X	RSE
6	11 Oct 67	46°03.0'N	008°49.0'W	X	X	X	X	X	X	X	ABP
7	11 Oct 67	46°53.0'N	009°50.0'W	X			X	X		X	RSE
8	10 Oct 67	46°30.0'N	012°22.0'W	X			X	X		X	SMT
9	9 Oct 67	47°10.0'N	012°17.0'W	X			X	X		X	ABP
10	8 Oct 67	47°16.0'N	013°49.0'W	X			X	X		X	ABP
11	7 Oct 67	46°48.5'N	015°47.0'W	X			X	X		X	LST
12	7 Oct 67	46°52.0'N	017°17.0'W	X			X	X		X	LST
13	6 Oct 67	47°01.6'N	019°24.0'W	X			X	X		X	LST
14	5 Oct 67	47°02.0'N	020°56.0'W	X			X	X		X	LST
15	23 Dec 67	46°15.0'N	023°10.0'W	X			X	X		X	UST
16	24 Dec 67	46°44.0'N	025°18.2'W	X			X	X		X	PLT
17	25 Dec 67	46°12.0'N	026°38.0'W	X	X	X				X	PLT
18	26 Dec 67	44°11.0'N	026°34.0'W	X	X	X			X	X	PLT
19	27 Dec 67	44°19.0'N	021°50.0'W	X			X	X		X	RMT
20	27 Dec 67	43°45.5'N	027°07.8'W	X						X	PLT
21	28 Dec 67	42°43.8'N	021°05.7'W	X			X	X		X	PLT
22	28 Dec 67	41°34.2'N	029°03.0'W	X			X	X		X	RMT
23	30 Dec 67	39°35.8'N	028°08.0'W	X			X	X		X	PLT
24	16 Dec 67	39°39.6'N	023°05.0'W	X			X	X		X	MST
25	17 Dec 67	39°56.0'N	024°24.8'W	X			X	X		X	UST
Data reported in volumes				6	6	6	4	4	6	1 2	1 5

STATION DATA SP-95-3

Contractor: Texas Instruments, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
26	18 Dec 67	41°05.8'N	025°21.5'W	X	X	X	X	X		X	UST
27	19 Dec 67	41°57.6'N	024°22.0'W	X			X	X		X	UST
28	19 Dec 67	42°35.2'N	023°46.0'W	X			X	X		X	UST
29	20 Dec 67	43°09.8'N	024°57.8'W	X			X	X		X	UST
30	20 Dec 67	44°10.0'N	024°00.0'W	X			X	X		X	UST
31	21 Dec 67	44°47.0'N	024°33.5'W	X			X	X		X	UST
32	22 Dec 67	45°51.0'N	022°45.5'W	X			X	X		X	UST
33	23 Nov 67	45°28.0'N	021°15.0'W	X	X	X	X	X		X	MST
34	23 Nov 67	44°26.0'N	020°40.0'W	X			X	X		X	MST
35	27 Nov 67	46°00.0'N	019°40.0'W	X			X	X		X	MST
36	26 Nov 67	46°06.5'N	018°26.0'W	X	X	X	X	X	X	X	LST
37	26 Nov 67	45°29.5'N	018°18.5'W	X			X	X		X	LST
38	3 Nov 67	45°00.0'N	017°49.0'W	X			X	X		X	LST
39	2 Nov 67	44°44.2'N	016°46.5'W	X			X	X		X	SMT
40	2 Nov 67	45°58.0'N	016°36.0'W	X			X	X		X	LST
41	1 Nov 67	45°45.2'N	015°20.8'W	X			X	X		X	LST
42	31 Oct 67	45°29.0'N	013°43.0'W	X			X	X		X	SMT
43	30 Oct 67	46°59.0'N	010°53.0'W	X			X	X		X	ABP
44	29 Oct 67	45°26.5'N	009°09.8'W	X			X	X		X	ABP
45	12 Oct 67	44°59.0'N	010°32.0'W	X			X	X		X	ABP
46	13 Oct 67	44°55.5'N	012°24.0'W	X			X	X		X	SMT
47	14 Oct 67	43°38.5'N	012°36.0'W	X			X	X		X	ABP
48	14 Oct 67	44°02.0'N	011°24.0'W	X			X	X		X	ABP
49	16 Nov 67	42°00.0'N	010°26.0'W	X			X	X		X	CSP
50	18 Nov 67	42°13.2'N	011°52.0'W	X			X	X		X	PLT
Data reported in volumes				6	6	6	4	4	6	1 2	1 5

STATION DATA SP-95-3

Contractor: Texas Instruments, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIC PROV
51	7 Nov 67	41°43.0'N	012°42.5'W	X			X	X		X	ABP
52	6 Nov 67	41°30.0'N	015°11.2'W	X			X	X		X	ABH
53	5 Nov 67	42°30.0'N	015°16.0'W	X			X	X		X	ABP
54	23 Nov 67	42°53.0'N	013°27.0'W	X						X	ABP
55	24 Nov 67	43°27.2'N	014°51.0'W	X			X	X		X	ABH
56	24 Nov 67	44°26.0'N	015°20.8'W	X			X	X		X	ABH
57	4 Nov 67	43°44.0'N	016°48.0'W	X			X			X	LST
58	29 Nov 67	44°05.2'N	018°46.5'W	X			X			X	LST
59	30 Nov 67	42°39.5'N	018°48.2'W	X			X	X		X	SMT
60	1 Dec 67	41°10.5'N	019°26.5'W	X	X	X	X	X		X	LST
61	1 Dec 67	42°05.8'N	019°36.0'W	X			X	X		X	MST
62	2 Dec 67	42°24.0'N	021°29.0'W	X	X	X	X	X		X	MST
63	2 Dec 67	42°44.0'N	022°18.5'W	X			X	X		X	UST
64	3 Dec 67	41°58.0'N	022°23.8'W	X			X	X		X	MST
65	3 Dec 67	41°09.0'N	021°51.0'W	X			X	X		X	MST
66	4 Dec 67	40°00.0'N	021°00.0'W	X			X	X		X	MST
67	5 Dec 67	40°01.0'N	019°02.5'W	X			X	X		X	LST
68	6 Dec 67	40°35.0'N	017°40.0'W	X			X	X		X	ABH
69	6 Dec 67	40°08.5'N	015°59.0'W	X			X	X		X	RSE
70	6 Nov 67	41°04.0'N	014°42.0'W	X	X	X	X	X	X	X	ABP
71	9 Nov 67	39°30.0'N	012°58.0'W	X			X	X		X	RSE
72	8 Nov 67	40°18.0'N	011°37.5'W	X			X	X		X	RSE
Data reported in volumes				6	6	6	4	4	6	1 2	1 5

STATION DATA SP-95-7/4

Contractor: Texas Instruments, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
4	19 Jul 68	42°34.2'N	045°57.1'W	X			X	X		X	RSE
5	20 Jul 68	41°52.1'N	043°59.8'W	X			X	X		X	RSE
6	22 Jul 68	42°29.2'N	042°04.2'W				X	X		X	RSF
7	22 Jul 68	41°38.5'N	040°31.0'W	X			X	X		X	ABH
8	1 Aug 68	42°52.0'N	039°07.6'W	X						X	ABH
9	23 Jul 68	41°29.0'N	038°40.0'W	X			X	X		X	LST
10	24 Jul 68	40°52.7'N	036°45.7'W	X	X	X	X	X		X	LST
11	25 Jul 68	41°18.5'N	035°05.1'W	X			X	X		X	MST
12	26 Jul 68	39°48.3'N	034°20.7'W	X			X	X		X	UST
13	27 Jul 68	40°58.6'N	033°02.0'W	X			X	X		X	UST
14	27 Jul 68	40°24.1'N	031°33.5'W	X			X	X		X	PLT
15	28 Jul 68	41°10.9'N	030°38.7'W	X						X	PLT
16	29 Jul 68	42°14.0'N	031°42.0'W	X			X	X		X	UST
17	30 Jul 68	42°27.9'N	033°17.9'W	X			X	X		X	MST
18	30 Jul 68	42°45.0'N	034°46.5'W	X			X	X		X	MST
19	31 Jul 68	42°45.0'N	037°05.2'W	X			X	X		X	LST
20	27 Jun 68	43°46.0'N	037°28.0'W		X	X					LST
21	2 Aug 68	43°16.4'N	040°19.0'W	X			X	X		X	RSE
22	3 Aug 68	43°55.8'N	042°01.0'W	X			X	X		X	RSE
23	21 Jul 68	43°01.5'N	043°31.0'W	X	X	X	X	X		X	RSE
24	6 Aug 68	43°50.3'N	046°25.8'W	X	X	X	X	X		X	SMT
25	7 Aug 68	44°35.0'N	047°35.2'W	X			X	X		X	RSE
26	4 Jul 68	45°31.1'N	047°21.4'W	X	X					X	RSE
27	3 Jul 68	45°22.2'N	045°57.0'W	X	X		X	X		X	RSE
28	5 Aug 68	44°41.6'N	044°46.5'W	X			X	X		X	RSE
Data reported in volumes				6	6	6	4	4		1 2	1 5

STATION DATA SP-55-7/4

Contractor: Texas Instruments, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
29	4 Aug 68	44°33.9'N	043°27.3'W	X	X	X	X	X		X	RSE
30	2 Jul 68	45°16.8'N	042°24.1'W	X	X		X	X		X	RSE
31	1 Jul 68	44°47.2'N	041°07.4'W	X	X		X	X		X	SMT
32	30 Jun 68	44°31.3'N	039°12.9'W	X			X	X		X	LST
33	28 Jun 68	44°27.5'N	036°29.5'W	X			X	X		X	LST
34	26 Apr 68	43°42.4'N	034°29.8'W	X			X	X		X	MST
35	25 Jun 68	44°27.2'N	033°26.8'W	X			X	X		X	MST
36	24 Jun 68	43°25.0'N	031°56.2'W	X			X	X		X	UST
37	23 Jun 68	44°30.2'N	031°06.2'W	X			X	X		X	UST
38	22 Jun 68	45°20.0'N	029°15.0'W	X	X	X	X	X	X	X	PLT
42	21 Jun 68	45°31.2'N	030°48.2'W	X			X	X		X	UST
43	20 Jun 68	45°12.7'N	032°40.0'W	X			X	X		X	MST
44	19 Jun 68	45°16.8'N	034°49.2'W	X			X	X		X	LST
45	29 Jun 68	45°07.0'N	037°10.0'W	X			X	X		X	LST
46	15 Jun 68	46°03.6'N	039°46.4'W	X			X	X		X	RSE
47	15 Jun 68	46°25.5'N	041°36.2'W	X			X	X		X	RSE
48	14 Jun 68	46°43.4'N	043°17.4'W	X			X	X		X	RSE
49	3 Jul 68	46°01.1'N	044°20.1'W	X	X					X	RSE
53	17 Jun 68	47°02.5'N	039°23.6'W	X			X	X		X	RSE
54	17 Jun 68	47°02.5'N	037°35.8'W	X			X	X		X	ABH
55	18 Jun 68	46°07.2'N	036°40.0'W	X			X	X		X	LST
56	18 Jun 68	46°38.2'N	035°00.5'W	X			X	X		X	LST
Data reported in volumes				6	6	6	4	4	6	1 2	1 5

STATION DATA SP-95-5

Contractor: Texas Instruments, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
1	29 May 66	32°00.0'N	015°00.0'W	X			X	X		X	ABP
1	6 Dec 66	32°01.8'N	014°58.2'W	X			X	X		X	ABP
2	28 May 66	32°49.8'N	014°00.0'W	X			X	X	X	X	RSE
3	28 May 66	34°24.0'N	013°00.0'W	X			X	X		X	RSE
4	27 May 66	32°19.8'N	011°45.0'W	X			X	X		X	RSE
4	5 Dec 66	32°19.2'N	011°46.8'W				X	X		X	RSE
5	24 May 66	33°30.0'N	010°04.8'W	X			X	X		X	ABP
5	4 Dec 66	33°28.8'N	010°06.0'W				X	X		X	ABP
6	23 May 66	34°30.2'N	009°45.0'W	X			X	X		X	ABP
7	23 May 66	34°09.2'N	009°49.8'W	X			X	X		X	CSP
8	2 May 66	35°31.8'N	009°00.0'W	X	X	X	X	X	X	X	CSP
9	21 May 66	36°04.8'N	009°45.0'W	X			X	X		X	RSE
10	21 May 66	36°04.8'N	010°36.0'W	X			X	X		X	ABP
11	20 May 66	35°40.2'N	011°40.2'W	X			X	X		X	ABP
11	2 Dec 66	35°36.4'N	011°40.8'W				X	X		X	ABP
12	24 May 66	34°10.2'N	010°55.2'W	X			X	X		X	ABP
12	25 May 66	34°22.8'N	011°40.2'W				X	X		X	ABP
13	3 Dec 66	34°18.0'N	010°47.4'W	X			X	X		X	ABP
14	27 May 66	33°55.2'N	012°58.2'W	X			X	X		X	ABP
15	26 May 66	33°34.8'N	011°25.2'W	X			X	X		X	RSE
16	26 May 66	33°15.0'N	012°34.8'W	X			X	X		X	RSE
17	29 May 66	33°30.0'N	013°30.0'W	X			X	X		X	ABP
18	30 May 66	34°19.8'N	013°40.2'W	X			X	X		X	RSE
20	31 May 66	33°34.8'N	013°30.0'W				X	X		X	RSE
21	1 Jun 66	33°15.0'N	013°19.8'W	X			X	X		X	HII.
Data reported in volumes				6	6	6	4	4	6	1 2	1 5

STATION DATA SP-95-5

Contractor: Texas Instruments, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
21	7 Dec 66	33°22.2'N	015°28.2'W				X	X		X	HIL
22	1 Jun 66	33°49.8'N	017°15.0'W	X	X	X	X	X	X	X	RSE
22	8 Dec 66	33°49.8'N	017°15.0'W				X	X		X	RSE
23	2 Jun 66	33°54.0'N	018°31.8'W	X			X	X		X	RSE
24	2 Jun 66	35°00.0'N	018°00.0'W	X	X		X	X		X	RSE
25	3 Jun 66	35°37.8'N	017°15.0'W	X			X	X		X	RSE
26	9 Jun 66	36°30.0'N	018°30.0'W	X			X	X		X	ABP
27	10 Jun 66	36°42.0'N	017°30.0'W	X			X	X		X	BAS
27	15 Dec 66	36°40.2'N	017°36.0'W				X	X		X	BAS
28	10 Jun 66	36°30.0'N	015°55.2'W	X			X	X		X	RSE
29	19 May 66	36°15.0'N	013°30.0'W	X			X	X		X	RSE
29	2 Dec 66	36°07.8'N	013°18.0'W	X			X	X		X	RSE
30	19 May 66	37°13.8'N	014°25.2'W	X			X	X		X	SMT
30	1 Dec 66	35°45.0'N	013°49.8'W	X			X	X		X	SMT
31	20 May 66	35°51.0'N	012°49.8'W	X			X	X		X	ABP
32	18 May 66	37°19.8'N	012°30.0'W		X	X			X	X	ABP
33	22 Dec 66	37°14.4'N	011°10.8'W				X	X		X	ABP
33	3 Jan 67	37°14.4'N	011°10.8'W				X	X		X	ABP
34	17 May 66	37°51.0'N	011°55.2'W	X						X	ABP
35	17 May 66	38°06.0'N	011°04.8'W	X						X	RSE
35	22 Dec 66	37°31.8'N	010°34.2'W	X			X	X		X	RSE
36	10 Feb 66	38°22.2'N	011°45.0'W		X					X	RSE
37	12 Jun 66	38°15.0'N	012°34.8'W	X			X	X		X	RSE
37	21 Dec 66	38°09.0'N	012°21.0'W				X	X		X	RSE
38	12 Feb 66	38°25.2'N	014°37.2'W							X	ABH
Data reported in volumes				6	6	6	4	4	6	1 2	1 5

STATION DATA SP-95-5

Contractor: Texas Instruments, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
38	20 Dec 66	38°15.6'N	014°12.6'W	X			X	X		X	ABH
39	13 Feb 66	38°40.2'N	016°40.2'W							X	ABH
39	18 Dec 66	38°39.6'N	016°36.6'W				X	X		X	ABH
40	14 Feb 66	38°49.8'N	018°10.8'W							X	ABH
40	17 Dec 66	38°53.4'N	018°09.0'W	X			X	X		X	ABH
41	15 Feb 66	39°19.8'N	019°15.0'W							X	MST
42	16 Feb 66	39°10.8'N	022°30.0'W							X	MST
43	6 Jun 66	38°45.0'N	022°49.8'W	X	X	X	X	X	X	X	MST
44	17 Feb 66	39°25.2'N	023°45.0'W		X					X	MST
45	6 Jun 66	38°52.8'N	024°22.2'W	X			X	X		X	HIL
46	18 Feb 66	39°19.8'N	026°10.2'W		X					X	RSE
47	5 Jun 66	38°40.2'N	025°10.2'W	X			X	X		X	RSE
48	7 Jun 66	38°25.2'N	021°40.8'W	X			X	X		X	MST
51	13 Dec 66	36°40.8'N	023°55.8'W				X	X		X	SMT
52	25 Feb 66	35°13.8'N	025°04.8'W							X	LST
52	12 Dec 66	35°14.4'N	025°04.8'W				X	X		X	LST
53	20 Mar 66	35°27.0'N	023°49.8'W							X	LST
54	20 Mar 66	35°45.0'N	023°25.2'W		X					X	ABH
55	18 Mar 66	35°00.0'N	021°49.8'W		X					X	ABH
57	4 Jun 66	37°00.0'N	021°30.0'W	X			X	X		X	SMT
57	14 Dec 66	37°03.0'N	021°21.6'W	X			X	X		X	SMT
60	14 Dec 66	36°16.2'N	019°34.2'W	X			X	X		X	BAS
65	19 Mar 66	33°57.0'N	022°49.8'W							X	ABP
65	9 Dec 66	33°54.6'N	022°49.2'W				X	X		X	ABP
66	17 Mar 66	33°13.2'N	022°12.0'W		X					X	BAS
Date reported in volumes				6	6	6	4	4	6	1 2	1 5

STATION DATA SP-95-5
Contractor: Texas Instruments, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
13	25 Dec 65	34°24.0'N	011°40.2'W	X							ABP
19	30 May 66	34°40.2'N	015°19.8'W	X				X			RSE
20	10 Jan 66	34°01.2'N	015°42.0'W	X							RSE
79	24 Apr 66	35°49.8'N	027°40.2'W	X		X			X		SMT
83	9 Apr 66	35°03.0'N	029°00.0'W	X							BAS
85	11 Apr 66	32°01.2'N	030°25.2'W	X							MST
87	13 Apr 66	33°00.0'N	031°04.8'W	X							UST
88	14 Apr 66	33°34.8'N	035°00.0'W	X							PLT
89	16 Apr 66	34°22.8'N	031°57.0'W	X							PLT
94	19 Apr 66	37°15.0'N	027°40.2'W	X							SMT
95	19 Apr 66	37°34.8'N	027°10.2'W	X							TER
99	6 Jun 66	38°03.0'N	015°49.8'W	X							ABH
22	12 Jan 66	33°55.8'N	017°07.2'W		X						RSE
23	13 Jan 66	33°55.2'N	018°12.6'W		X						RSE
24	14 Jan 66	35°00.0'N	018°00.0'W		X						RSE
25	14 Jan 66	35°37.8'N	017°15.0'W		X						RSE
26	15 Jan 66	36°37.8'N	018°30.0'W		X						ABP
27	15 Jan 66	36°42.0'N	017°30.0'W		X						BAC
28	16 Jan 66	36°25.8'N	015°51.6'W		X						RSE
29	18 Jan 66	36°15.0'N	013°27.0'W		X						RSE
30	17 Jan 66	37°20.4'N	014°27.0'W		X						SMT
31	18 Jan 66	35°51.0'N	012°49.8'W		X						ABP
32	19 Jan 66	37°19.8'N	012°30.0'W		X						ABP
33	20 Jan 66	37°19.8'N	011°30.0'W		X						ABP
Date reported in volumes				6	6	6		4	6		1 5

STATION DATA SP-95-5

Contractor: Texas Instruments, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
34	20 Jan 66	37°49.8'N	011°55.2'W		X						ABP
49	22 Mar 66	38°00.0'N	022°00.0'W		X						BAS
51	23 Mar 66	37°00.0'N	024°00.0'W		X						SMT
53	20 Mar 66	35°00.0'N	024°00.0'W		X						LST
57	23 Mar 66	37°00.0'N	022°00.0'W		X						SMT
58	23 Mar 66	37°36.0'N	021°18.0'W		X	X					SMT
59	24 Mar 66	36°24.0'N	020°36.0'W		X				X		RSE
61	26 Mar 66	36°00.0'N	020°00.0'W		X						BAS
62	27 Mar 66	35°00.0'N	020°00.0'W		X						RSE
63	28 Mar 66	35°00.0'N	021°00.0'W		X						BAS
67	9 Mar 66	32°34.2'N	021°46.2'W		X						ABP
71	11 Mar 66	32°00.0'N	024°07.2'W		X						UST
79	23 Apr 66	35°49.8'N	027°19.8'W		X						PLT
96	22 Feb 66	35°10.4'N	026°30.0'W		X						ABH
54	10 Dec 66	34°39.0'N	026°27.0'W				X	X			
Data reported in volumes					6	6	4	4	6		1 5

STATION DATA SP-95-5
Contractor: Texas Instruments, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
66	9 Dec 66	33°13.2'N	022°12.6'W	X			X	X		X	BAS
68	8 Mar 66	32°55.2'N	020°15.0'W			X			X	X	RSE
69	7 Mar 66	32°19.2'N	018°45.0'W		X					X	RSE
70	11 Mar 66	32°18.0'N	022°49.8'W		X					X	BAS
73	15 Mar 66	33°37.2'N	023°51.0'W							X	ABP
74	15 Mar 66	33°25.2'N	024°55.2'W		X	X			X	X	SMT
75	13 Mar 66	32°30.0'N	025°36.0'W							X	ABP
76	13 Mar 66	33°01.8'N	026°57.0'W		X					X	RSE
78	26 Feb 66	34°30.0'N	026°18.0'W		X					X	ABH
78	11 Dec 66	34°32.4'N	026°10.2'W				X	X		X	ABH
80	25 Apr 66	35°37.8'N	028°40.2'W	X						X	UST
81	27 Apr 66	36°00.0'N	029°49.8'W	X	X	X			X	X	UST
82	26 Apr 66	34°54.6'N	029°30.0'W	X						X	UST
84	10 Apr 66	32°22.2'N	029°15.0'W	X						X	TER
86	12 Apr 66	33°00.0'N	031°04.8'W	X						X	UST
90	17 Apr 66	35°04.8'N	031°00.0'W	X						X	UST
91	15 Apr 66	35°55.2'N	032°55.0'W	X						X	PLT
92	18 Apr 66	36°49.8'N	030°30.0'W	X						X	PLT
93	27 Apr 66	36°25.8'N	029°00.0'W	X						X	UST
97	8 Jun 66	38°15.0'N	020°00.0'W				X	X		X	ABH
98	8 Jun 66	38°10.8'N	019°04.8'W	X			X	X		X	RSE
9[illegible]	17 Dec 66	38°09.0'N	019°04.2'W				X	X		X	RSE
99	11 Jun 66	38°06.0'N	015°57.0'W				X	X		X	ABH
99	19 Dec 66	38°04.8'N	015°57.6'W				X	X		X	ABH
Data reported in volumes				6	6	6	4	4	6	1 2	1 5

STATION DATA SP-95-6

Contractor: Texas Instruments, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
1	2 Feb 67	34°00.0'N	034°00.0'E				X	X		X	BAS
2	4 Feb 67	33°05.0'N	031°30.0'E	X			X	X		X	ABH
3	5 Feb 67	34°20.0'N	031°00.0'E	X			X	X		X	RDG
4	7 Feb 67	35°46.0'N	031°40.0'E	X			X	X		X	RSE
5	8 Feb 67	36°25.0'N	028°34.0'E	X			X	X		X	CSP
6	10 Feb 67	34°40.0'N	028°00.0'E	X			X	X		X	RDG
7	10 Feb 67	34°00.0'N	029°30.0'E	X			X	X		X	BAS
8	12 Feb 67	32°15.0'N	029°30.0'E	X			X	X		X	ABH
9	14 Feb 67	33°45.0'N	027°25.0'E				X	X		X	RDG
10	15 Feb 67	32°25.0'N	027°00.0'E	X			X	X		X	BAS
11	16 Feb 67	33°30.0'N	024°15.0'E	X	X	X	X	X	X	X	RDG
12	19 Feb 67	34°32.0'N	026°10.0'E	X						X	TRN
13	20 Feb 67	35°47.0'N	025°21.0'E	X	X	X	X	X	X	X	BAS
14	21 Feb 67	36°32.0'N	024°28.0'E	X							BDL
15	17 Mar 67	34°12.0'N	021°30.0'E	X	X	X	X	X	X	X	RDG
16	17 Mar 67	33°09.0'N	021°16.0'E	X			X	X		X	CSP
17	15 Mar 67	35°20.0'N	019°43.0'E	X			X	X		X	RDG
18	14 Mar 67	37°50.0'N	018°59.0'E	X	X	X	X	X	X	X	RDG
19	13 Mar 67	38°40.0'N	020°10.0'E	X			X	X		X	PLT
20	7 Mar 67	43°06.0'N	014°51.0'E	X							CSP
21	11 Mar 67	41°51.0'N	018°30.0'E	X							CSP
22	5 Mar 67	30°46.0'N	018°09.0'E	X			X	X		X	ABH
23	24 Mar 67	39°56.0'N	014°07.0'E	X			X	X		X	CSP
24	23 Mar 67	39°00.0'N	015°16.0'E	X			X	X		X	CSP
25	4 Mar 67	37°32.0'N	016°16.0'E	X	X	X	X	X		X	RSE
Data reported in volumes				6	6	6	4	4	6	1 2	1 5

STATION DATA SP-95-6

Contractor: Texas Instruments, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
26	9 Apr 67	33°16.0'N	015°50.0'E	X			X	X		X	CSP
27	8 Apr 67	36°16.0'N	018°35.0'E	X	X	X	X	X	X	X	BAS
28	7 Apr 67	34°39.0'N	019°05.0'E	X			X	X		X	RSE
29	7 Apr 67	33°29.0'N	019°07.0'E	X			X	X		X	RSE
30	20 Apr 67	33°14.0'N	017°35.0'E	X	X	X	X	X		X	RSE
31	6 Apr 67	34°52.0'N	017°10.0'E	X			X	X		X	RSE
32	3 Apr 67	36°22.5'N	011°12.5'E	X		X					CSF
33	1 Apr 67	37°20.0'N	012°38.0'E	X		X					BDL
34	26 Mar 67	33°14.0'N	017°35.0'E	X			X	X		X	SMT
35	26 Mar 67	39°05.0'N	011°46.0'E	X			X	X		X	RSE
36	24 Mar 67	39°15.0'N	013°25.0'E	X			X	X		X	RSE
37	24 Mar 67	40°05.0'N	012°55.0'E	X			X	X		X	ABP
38	25 Mar 67	40°35.0'N	011°52.0'E	X			X	X		X	RSE
39	11 Apr 67	43°34.0'N	008°20.0'E	X			X	X		X	RSE
40	12 Apr 67	42°02.0'N	006°58.0'E	X	X	X	X	X	X	X	ABP
41	13 Apr 67	42°14.0'N	004°29.0'E	X			X	X		X	RSE
42	13 Apr 67	40°52.0'N	003°26.0'E	X			X	X		X	RSE
43	20 Apr 67	40°35.0'N	006°15.0'E	X			X	X		X	ABP
44	21 Apr 67	38°05.0'N	006°58.0'E	X	X	X	X	X		X	ABP
45	22 Apr 67	37°36.0'N	004°44.0'E	X			X	X		X	ABP
46	23 Apr 67	38°46.0'N	003°30.0'E	X			X	X		X	RSG
47	23 Apr 67	37°51.0'N	002°14.0'E	X			X	X		X	ABP
48	24 Apr 67	37°05.0'N	000°14.0'E	X	X	X	X	X		X	ABP
49	25 Apr 67	37°17.0'N	001°10.0'W	X			X	X		X	RSE
50	25 Apr 67	36°00.0'N	001°45.0'W	X			X	X		X	RSE
Data reported in volumes				6	6	6	4	4	6	1 2	1 5

STATION DATA SP-95-6

Contractor: Texas Instruments, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
51	26 Apr 67	36°33.0'N	002°15.0'W	X		X	X	X			CSP
52	27 Apr 67	35°39.0'N	003°05.0'W	X		X	X	X		X	CSP
Data reported in volumes				6		6	4	4		1 2	1 5

STATION DATA SP-95-7/4

Contractor: Texas Instruments, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
1	12 Feb 68	32°48.0'N	047°05.0'W	X			X	X		X	ABH
2	13 Feb 68	32°38.0'N	044°40.0'W	X	X	X	X	X	X	X	MST
3	14 Feb 68	32°27.2'N	042°39.2'W	X			X	X		X	UST
4	15 Feb 68	33°34.0'N	041°39.5'W	X			X	X		X	UST
5	16 Feb 68	34°25.0'N	040°34.5'W	X	X	X	X	X	X	X	UST
6	17 Feb 68	33°49.0'N	039°20.0'W	X			X	X		X	RMT
7	18 Feb 68	33°59.0'N	037°26.8'W	X			X	X		X	RMT
8	18 Feb 68	35°25.0'N	036°49.0'W	X			X	X		X	PLT
9	20 Feb 68	36°35.0'N	034°50.2'W	X			X	X		X	PLT
10	21 Feb 68	37°50.0'N	033°42.0'W	X			X	X		X	PLT
11	23 Feb 68	38°44.0'N	035°01.0'W		X		X	X		X	UST
12	25 Feb 68	37°37.0'N	035°53.0'W		X		X	X		X	MST
13	19 Feb 68	36°40.0'N	036°41.0'W				X	X		X	UST
14	26 Feb 68	37°43.0'N	037°29.5'W		X		X	X		X	MST
15	27 Feb 68	37°05.5'N	038°26.5'W		X		X	X		X	MST
16	28 Feb 68	35°56.5'N	038°01.5'W		X		X	X		X	UST
17	29 Feb 68	35°00.0'N	038°38.0'W		X		X	X		X	UST
18	29 Feb 68	36°05.0'N	039°50.0'W		X		X	X		X	MST
19	1 Mar 68	35°22.5'N	041°04.8'W		X	X	X	X	X	X	MST
20	3 Mar 68	34°53.5'N	042°57.5'W	X	X		X	X		X	MST
21	3 Mar 68	33°51.0'N	043°55.5'W	X	X					X	MST
22	4 Mar 68	33°58.6'N	045°29.5'W	X	X		X	X		X	LST
23	17 Apr 68	34°48.8'N	047°08.0'W	X			X	X		X	ABH
24	16 Apr 68	34°09.5'N	048°38.5'W	X			X	X		X	ABH
25	15 Apr 68	33°31.0'N	050°26.0'W	X	X	X	X	X	X	X	ABH
Data reported in volumes				6	6	6	4	4	6	1 2	1 5

STATION DATA SP-95-7/4

Contractor: Texas Instruments, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROF/BOT LOSS	PHYSIO PROV
26	20 Mar 68	35°23.2'N	050°15.0'W	X			X	X		X	RSE
27	21 Mar 68	35°51.1'N	048°58.5'W	X			X	X		X	RSE
28	29 Apr 68	37°28.2'N	047°23.8'W	X			X	X		X	ABP
29	23 Mar 68	37°00.0'N	045°49.0'W	X			X	X		X	LST
30	23 Mar 68	35°56.0'N	046°16.5'W	X	X	X	X	X	X	X	LST
31	18 Apr 68	34°58.0'N	045°28.0'W	X			X	X		X	LST
32	19 Apr 68	35°40.2'N	044°10.8'W	X			X	X		X	LST
33	19 Apr 68	36°04.5'N	042°36.5'W	X			X	X		X	MST
34	20 Apr 68	37°02.0'N	042°05.0'W	X			X	X		X	LST
35	25 Apr 68	38°01.8'N	040°03.5'W	X			X	X		X	LST
36	22 Apr 68	38°17.2'N	038°49.0'W	X			X	X		X	LST
37	25 Feb 68	38°18.0'N	036°46.8'W		X		X	X		X	MST
38	23 Apr 68	39°00.0'N	037°56.5'W	X			X	X	X	X	LST
39	22 Apr 68	39°02.5'N	039°44.0'W	X			X	X		X	ABH
40	31 Mar 68	39°35.5'N	041°15.8'W	X			X	X		X	ABH
41	28 Mar 68	38°21.5'N	041°59.0'W	X			X	X		X	ABH
42	27 Mar 68	37°34.0'N	043°16.5'W				X	X		X	ABH
43	26 Mar 68	36°53.8'N	044°37.0'W				X	X		X	LST
44	25 Mar 68	37°53.0'N	045°23.2'W	X	X		X	X	X	X	ABH
45	29 Mar 68	38°30.5'N	043°59.0'W	X						X	RSE
46	28 Apr 68	38°58.5'N	045°50.5'W	X			X	X		X	RSE
47	29 Apr 68	38°13.5'N	046°57.0'W		X	X	X	X	X	X	ABP
48	26 May 68	39°05.0'N	047°45.0'W				X	X		X	ABP
49	30 Apr 68	37°47.5'N	048°15.8'W				X	X		X	ABP
50	1 May 68	37°19.5'N	050°06.0'W	X			X	X		X	ABP
Data reported in volumes				6	6	6	4	4	6	1 2	1 5

STATION DATA SP-95-7/4

Contractor: Texas Instruments, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
51	2 May 68	36°45.8'N	051°15.8'W	X			X	X		X	ABH
52	23 May 68	38°13.2'N	052°03.5'W		X					X	RSE
53	22 May 68	38°46.7'N	053°02.0'W	X	X		X	X		X	ABP
54	1 Jun 68	40°12.8'N	052°50.8'W	X	X		X	X		X	ABP
55	3 Jun 68	41°27.0'N	053°45.2'W	X	X		X	X		X	RSE
56	4 Jun 68	42°41.3'N	054°43.4'W	X	X		X	X		X	RSE
57	5 Jun 68	44°01.3'N	054°26.0'W	X	X		X	X		X	RSE
58	3 Jun 68	42°55.2'N	052°39.5'W	X	X		X	X		X	RSE
59	20 May 68	39°05.5'N	055°22.1'W	X			X	X		X	ABP
60	2 Jun 68	41°16.5'N	052°11.4'W	X	X		X	X		X	RSE
61	21 May 68	40°19.5'N	055°07.3'W	X			X	X		X	ABP
62	24 May 68	38°40.0'N	050°56.0'W	X			X	X		X	ABP
63	25 May 68	39°28.5'N	049°39.0'W	X	X		X	X		X	ABP
64	31 May 68	40°42.5'N	049°28.3'W	X	X					X	RSE
65	30 May 68	41°46.8'N	040°04.2'W	X	X		X	X		X	RSE
66	29 May 68	41°16.5'N	047°41.0'W	X	X		X	X		X	RSE
67	27 May 68	40°16.8'N	046°58.0'W	X	X		X	X		X	RSE
68	28 May 68	40°23.0'N	045°37.5'W	X	X		X	X		X	RSE
69	28 Apr 68	41°33.2'N	045°34.0'W	X	X		X	X		X	RSE
70	26 Apr 68	40°59.0'N	043°45.5'W		X		X	X	X	X	RSE
71	27 Apr 68	39°53.0'N	044°13.8'W				X	X		X	RSE
72	1 Apr 68	39°21.2'N	042°46.0'W				X	X		X	RSE
73	26 Apr 68	40°43.5'N	042°03.0'W				X	X		X	RSE
74	25 Apr 68	40°24.0'N	040°12.0'W	X	X		X	X	X	X	ABH
75	24 Apr 68	40°06.0'N	038°37.2'W				X	X		X	ABH
Data reported in volumes				6	6		4	4	6	1 2	1 5

STATION DATA SP-95-7/4

Contractor: Texas Instruments, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
76	24 Feb 68	39°10.0'N	036°05.8'W		X		X	X		X	MST
7	22 Feb 68	39°23.0'N	032°28.0'W	X			X	X		X	PLT
Data reported in volumes				6	6		4	4		1	1
										2	5

STATION DATA SP-96-I

Contractor: Alpine Geophysical Associates, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
1	7 Oct 65	37°00.0'N	065°00.0'W	X	X	X				X	ABP
2	7 Oct 65	36°45.0'N	064°17.0'W							X	ABP
3	8 Oct 65	38°02.0'N	063°34.0'W	X						X	ABP
4	9 Oct 65	38°00.0'N	064°28.0'W	X		X				X	ABP
5	10 Oct 65	39°00.0'N	064°39.0'W	X						X	ABP
6	11 Oct 65	39°11.0'N	062°54.0'W	X						X	ABP
7	11 Oct 65	39°13.0'N	061°47.0'W	X						X	ABP
8	12 Oct 65	38°56.0'N	059°19.5'W	X	X	X				X	ABP
9	14 Oct 65	39°00.0'N	058°16.0'W	X						X	ABP
10	14 Oct 65	38°00.0'N	058°12.0'W	X						X	ABP
11	15 Oct 65	38°00.0'N	059°18.0'W	X						X	ABP
12	17 Oct 65	36°51.0'N	059°17.0'W	X		X				X	ABP
13	17 Oct 65	35°54.0'N	059°49.0'W	X						X	RSE
14	18 Oct 65	35°00.0'N	059°15.0'W							X	RSE
15	18 Oct 65	35°00.0'N	060°00.0'W							X	RSE
16	18 Oct 65	34°13.0'N	060°46.0'W			X				X	RSE
24	30 Oct 65	36°00.0'N	062°17.0'W							X	RSE
25	30 Oct 65	36°05.0'N	063°45.0'W							X	RSE
26	31 Oct 65	36°01.0'N	065°00.0'W							X	RSE
27	5 Nov 65	37°02.0'N	062°57.0'W							X	ABP
28	6 Nov 65	36°49.0'N	061°52.0'W							X	RSE
29	7 Nov 65	37°00.0'N	061°00.0'W							X	RSE
30	9 Nov 65	38°00.0'N	057°04.0'W							X	RSE
31	9 Nov 65	38°02.0'N	056°37.0'W							X	RSE
32	10 Nov 65	38°00.0'N	055°30.0'W							X	ABP
Data reported in volumes				8C	8 8A	8B				1 2	1 5

STATION DATA SP-96-1

Contractor: Alpine Geophysical Associates, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
33	11 Nov 65	37°00.0'N	055°00.0'W							X	ABP
34	11 Nov 65	37°00.0'N	056°00.0'W							X	ABP
35	12 Nov 65	37°00.0'N	057°00.0'W							X	RSE
36	13 Nov 65	36°00.0'N	056°45.0'W							X	RSE
37	13 Nov 65	35°55.0'N	055°33.0'W	X	X					X	ABP
38	14 Nov 65	34°59.0'N	055°07.0'W	X						X	ABP
39	14 Nov 65	34°59.0'N	055°59.0'W	X						X	RSE
40	15 Nov 65	34°00.0'N	056°00.0'W	X		X				X	ABP
41	15 Nov 65	34°00.0'N	057°00.0'W	X						X	RSE
42	16 Nov 65	34°00.0'N	058°00.0'W	X						X	RSE
43	16 Nov 65	34°18.0'N	059°05.0'W	X	X					X	RSE
45	1 Dec 65	34°46.0'N	053°37.0'W	X						X	RSE
46	2 Dec 65	33°42.0'N	052°45.0'W	X						X	RSE
47	3 Dec 65	33°25.0'N	051°43.0'W	X						X	RSE
48	4 Dec 65	34°57.0'N	052°03.0'W	X		X				X	RSE
49	4 Dec 65	35°00.0'N	053°02.0'W	X						X	RSE
50	5 Dec 65	34°58.0'N	053°57.0'W	X						X	ABP
51	5 Dec 65	35°58.0'N	054°06.0'W	X						X	ABP
52	15 Dec 65	39°50.0'N	060°57.0'W	X						X	ABP
53	15 Dec 65	40°02.0'N	062°12.0'W							X	ABP
54	16 Dec 65	40°02.0'N	063°10.0'W	X						X	RSE
55	17 Dec 65	40°02.0'N	064°11.0'W	X						X	RSE
57	18 May 65	34°00.0'N	064°36.0'W	X						X	RSE
58	18 May 65	35°00.0'N	065°00.0'W	X	X					X	RSE
59	18 May 65	35°00.0'N	063°35.0'W	X		X				X	RSE
Data reported in volumes				8C	8	8B				1	1
					8A					2	5

STATION DATA SP-96-I

Contractor: Alpine Geophysical Associates, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
60	22 May 66	35°00.0'N	061°40.0'W	X		X				X	RSE
61	25 May 66	36°00.0'N	053°00.0'W	X						X	ABP
62	25 May 66	37°00.0'N	053°06.0'W	X						X	ABP
63	25 May 66	37°00.0'N	054°00.0'W	X						X	ABP
64	26 May 66	37°52.0'N	054°31.0'W	X						X	ABP
65	27 May 66	38°00.0'N	053°50.0'W	X		X				X	ABP
66	27 May 66	39°20.0'N	054°26.0'W	X						X	ABP
67	28 May 66	39°00.0'N	055°39.0'W	X						X	ABP
68	28 May 66	39°00.0'N	056°22.0'W	X						X	ABP
69	28 May 66	40°00.0'N	057°00.0'W	X						X	ABP
70	30 May 66	40°02.0'N	056°00.0'W	X		X	X			X	ABP
71	30 May 66	40°15.0'N	055°20.0'W	X						X	ABP
72	31 May 66	40°10.0'N	054°25.0'W	X						X	ABP
73	31 May 66	41°05.0'N	055°00.0'W	X						X	ABP
74	1 Jun 66	41°00.0'N	055°35.0'W	X						X	RSE
75	1 Jun 66	41°00.0'N	056°45.0'W	X						X	RSE
76	2 Jun 66	41°00.0'N	057°40.0'W	X						X	RSE
77	2 Jun 66	42°00.0'N	058°00.0'W	X						X	RSE
78	3 Jun 66	42°00.0'N	057°05.0'W	X						X	RSE
79	3 Jun 66	42°05.0'N	055°30.0'W	X						X	RSE
80	4 Jun 66	43°05.0'N	056°54.0'W	X						X	RSE
81	4 Jun 66	43°45.0'N	056°25.0'W	X						X	RSE
82	5 Jun 66	43°51.0'N	057°35.0'W		X					X	RSE
83	5 Jun 66	43°00.0'N	057°20.0'W			X				X	RSE
84	6 Jun 66	43°00.0'N	058°24.0'W							X	RSE
Data reported in volumes				8C	8 8A	8B	4			1 2	1 5

STATION DATA SP-96-I

Contractor: Alpine Geophysical Associates, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
85	6 Jun 66	43°00.0'N	059°30.0'W							X	RSE
86	6 Jun 66	43°00.0'N	060°05.0'W							X	RSE
87	13 Jun 66	41°55.0'N	063°56.0'W							X	RSE
88	13 Jun 66	42°00.0'N	063°00.0'W	X						X	RSE
89	14 Jun 66	42°00.0'N	062°00.0'W	X						X	RSE
90	15 Jun 66	42°00.0'N	061°00.0'W	X	X	X				X	RSE
91	15 Jun 66	42°00.0'N	060°00.0'W	X	X					X	RSE
92	16 Jun 66	42°00.0'N	059°00.0'W	X						X	RSE
93	16 Jun 66	41°00.0'N	058°30.0'W	X						X	RSE
94	17 Jun 66	40°00.0'N	058°00.0'W	X						X	ABP
95	17 Jun 66	40°00.0'N	059°00.0'W	X						X	ABP
96	18 Jun 66	40°00.0'N	060°00.0'W	X						X	
97	18 Jun 66	41°00.0'N	059°30.0'W	X						X	RSE
98	19 Jun 66	41°00.0'N	060°29.0'W	X						X	RSE
99	19 Jun 66	41°00.0'N	061°30.0'W	X						X	RSE
100	19 Jun 66	41°00.0'N	062°35.0'W	X						X	RSE
101	20 Jun 66	41°00.0'N	063°24.0'W	X	X	X				X	RSE
102	20 Jun 66	41°00.0'N	064°24.0'W	X						X	RSE
103	21 Jun 66	41°00.0'N	065°24.0'W	X						X	RSE
Data reported in volumes				8C	8 8A	8B				1 2	1 5

STATION DATA SP-96-II

Contractor: Alpine Geophysical Associates, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
1	8 Feb 66	25°30.0'N	075°48.0'W	X		X			X	X	ABP
2	16 Feb 66	25°25.0'N	074°16.0'W	X						X	ABP
3	16 Feb 66	26°02.0'N	073°36.0'W	X						X	ABP
4	17 Feb 66	25°17.0'N	072°45.0'W	X						X	RDG
5	18 Feb 66	25°48.0'N	072°40.0'W							X	RDG
6	18 Feb 66	25°47.0'N	072°03.0'W	X						X	RDG
7	19 Feb 66	25°17.0'N	071°00.0'W	X						X	ABP
8	20 Feb 66	26°57.0'N	071°00.0'W	X						X	ABP
9	21 Feb 66	27°02.0'N	072°39.0'W	X						X	RDG
10	21 Feb 66	26°52.0'N	074°03.0'W	X						X	RDG
11	22 Feb 66	26°33.0'N	076°04.0'W	X						X	ABP
12	24 Feb 66	27°39.0'N	076°00.0'W	X						X	RDG
13	24 Feb 66	28°25.0'N	076°00.0'W	X						X	RDG
14	25 Feb 66	28°14.0'N	075°11.0'W	X						X	RDG
15	26 Feb 66	28°00.0'N	074°00.0'W	X						X	RDG
16	26 Feb 66	27°57.0'N	072°38.0'W	X						X	RDG
17	27 Feb 66	27°50.0'N	070°41.0'W	X						X	ABP
18	27 Feb 66	29°17.0'N	070°30.0'W	X		X			X	X	ABP
19	1 Mar 66	29°30.0'N	072°10.0'W	X						X	RDG
20	1 Mar 66	29°50.0'N	073°50.0'W	X						X	RDG
21	2 Mar 66	29°51.0'N	075°03.0'W	X						X	RDG
22	3 Mar 66	29°32.0'N	076°06.0'W			X			X	X	CSP
23	3 Mar 66	30°40.0'N	076°04.0'W							X	RDG
24	4 Mar 66	31°19.0'N	076°06.0'W							X	RDG
25	4 Mar 66	31°21.0'N	074°57.0'W							X	RDG
26	5 Mar 66	31°16.0'N	073°24.0'W							X	RDG
27	6 Mar 66	32°18.0'N	074°00.0'W							X	RDG
28	7 Mar 66	31°57.0'N	075°43.0'W							X	RDG
Data reported in volumes				8A		8			8	1 2	1 5

STATION DATA SP-96-II

Contractor: Alpine Geophysical Associates, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
29	19 Mar 66	34°07.0'N	074°53.0'W	X	X	X			X	X	CSP
30	20 Mar 66	33°08.0'N	075°39.0'W	X						X	RDG
31	24 Mar 66	33°06.0'N	073°24.0'W	X						X	RSE
32	26 Mar 66	33°00.0'N	071°32.0'W	X						X	ABP
33	26 Mar 66	32°30.0'N	072°32.0'W	X						X	ABP
34	26 Mar 66	31°02.0'N	071°15.0'W	X						X	ABP
35	27 Mar 66	30°49.0'N	070°00.0'W	X						X	RSE
36	28 Mar 66	31°23.0'N	068°28.0'W	X						X	RSE
37	28 Mar 66	32°08.0'N	069°00.0'W	X	X	X			X	X	PSE
38	29 Mar 66	32°38.0'N	071°00.0'W	X						X	ABP
39	31 Mar 66	33°00.0'N	071°32.0'W	X						X	RSE
40	31 Mar 66	33°30.0'N	071°45.0'W	X						X	RSE
41	31 Mar 66	33°58.0'N	072°00.0'W	X						X	RSE
42	1 Apr 66	34°00.0'N	073°10.0'W	X						X	RSE
43	2 Apr 66	34°47.0'N	074°08.0'W	X						X	RSE
44	2 Apr 66	35°43.0'N	073°36.0'W	X						X	RSE
45	3 Apr 66	35°00.0'N	072°08.0'W	X						X	RSE
46	4 Apr 66	36°26.0'N	072°54.0'W	X						X	RSE
47	4 Apr 66	37°00.0'N	074°00.0'W	X						X	CSP
48	5 Apr 66	37°26.0'N	073°00.0'W	X						X	RSE
49	5 Apr 66	37°03.0'N	072°00.0'W	X						X	RSE
50	6 Apr 66	36°00.0'N	071°28.0'W	X	X	X			X		RSE
51	7 Apr 66	36°00.0'N	070°15.0'W	X						X	RSE
52-A	8 Apr 66	36°27.0'N	067°57.0'W	X						X	ABP
52-B	9 Apr 66	36°27.0'N	067°57.0'W							X	ABP
Data reported in volumes				8A	8A*	8			8	1 2	1 5

*SP-96-I

STATION DATA SP-96-II

Contractor: Alpine Geophysical Associates, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
53	9 Apr 66	36°49.0'N	067°15.0'W	X						X	ABP
54	19 Apr 66	33°00.0'N	067°03.0'W	X	X	X			X	X	RSE
55	19 Apr 66	32°20.0'N	067°48.0'W	X						X	RSE
56	20 Apr 66	32°43.0'N	068°17.0'W	X						X	RSE
57	20 Apr 66	33°07.0'N	069°08.0'W	X						X	RSE
58	21 Apr 66	33°30.0'N	068°20.0'W	X						X	RSE
59	21 Apr 66	33°54.0'N	067°26.0'W	X						X	RSE
60	22 Apr 66	34°28.0'N	068°00.0'W	X						X	ABP
61	22 Apr 66	34°12.0'N	069°08.0'W	X						X	RSE
62	23 Apr 66	34°59.0'N	070°01.0'W	X						X	ABP
63	24 Apr 66	35°10.0'N	068°59.0'W	X						X	RSE
64	27 Apr 66	35°58.0'N	067°55.0'W	X						X	RSE
65	27 Apr 66	37°01.0'N	068°40.0'W	X						X	ABP
66	28 Apr 66	37°55.0'N	069°10.0'W	X						X	RSE
67	29 Apr 66	37°20.0'N	070°00.0'W	X	X	X			X	X	RSE
68	30 Apr 66	37°58.0'N	071°30.0'W	X						X	CSP
69	30 Apr 66	38°58.0'N	072°00.0'W	X						X	CSP
70	1 May 66	38°48.0'N	070°30.0'W	X						X	CSP
71	1 May 66	39°19.0'N	069°25.0'W	X						X	CSP
72	1 May 66	39°50.0'N	068°10.0'W	X						X	CSP
73	3 May 66	40°08.0'N	067°00.0'W	X	X	X			X	X	CSP
74	3 May 66	40°48.0'N	066°04.0'W	X						X	CSP
75	4 May 66	39°40.0'N	066°18.0'W	X						X	RSE
76	4 May 66	39°12.0'N	067°06.0'W	X						X	RSE
77	5 May 66	38°37.0'N	068°12.0'W	X						X	RSE
Data reported in volumes				8A	8A*	8			8	1 2	1 3

*SP-96-I

STATION DATA SP-96-II

Contractor: Alpine Geophysical Associates, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
78	5 May 66	36°29.0'N	066°44.0'W	X							
79	6 May 66	37°43.0'N	067°36.0'W	X						X	RSE
80	7 May 66	37°18.0'N	065°53.0'W	X							RSE
81	8 May 66	36°45.0'N	066°00.0'W	X	X	X					ABP
82	9 May 66	36°08.0'N	067°02.0'W	X						X	RSE
83	10 May 66	34°48.0'N	066°25.0'W	X							ABP
84	11 May 66	33°55.0'N	065°52.0'W	X							RSE
											RSE
RVRB	12 Mar 66	29°05.0'N	070°10.0'W				X				
RVRB	6 Apr 66	25°55.0'N	073°45.0'W				X				
RVRB	10 Apr 66	32°30.0'N	069°20.0'W				X				
Data reported in volumes				8A	8A*	8	8			1	1
*SP-96-I										2	5

STATION DATA SP-96-SF

Contractor: Alpine Geophysical Associates, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
1	14 Jul 66	39°11.0'N	062°42.0'W	X						X	ABP
2	17 Jul 66	37°51.0'N	048°15.0'W	X						X	ABP
3	22 Jul 66	35°25.0'N	028°45.0'W	X						X	RDG
4	24 Jul 66	36°10.0'N	019°28.0'W	X		X				X	ABP
5	26 Jul 66	37°12.0'N	011°28.0'W	X		X				X	ABP
5B	31 Jul 66	37°58.0'N	012°06.0'W	X		X				X	ABP
6	2 Aug 66	41°42.0'N	012°34.0'W	X		X				X	ABP
7	4 Aug 66	45°27.0'N	006°25.0'W	X		X				X	ABP
8	8 Aug 66	58°01.0'N	011°11.0'W	X		X				X	ARC
9A	13 Aug 66	70°02.0'N	003°24.0'E	X		X				X	BAS
9T	13 Aug 66	70°02.0'N	003°24.0'E							X	BAS
10A	12 Aug 66	70°13.0'N	004°57.0'E	X		X				X	BAS
10T	12 Aug 66	70°13.0'N	004°57.0'E							X	BAS
11A	11 Aug 66	69°42.0'N	005°41.0'E	X		X				X	BAS
11T	11 Aug 66	69°42.0'N	005°41.0'E							X	BAS
12	14 Aug 66	68°36.0'N	006°43.0'E	X		X				X	BAS
14	6 Sep 66	40°08.0'N	055°55.0'W	X						X	ABP
15	8 Sep 66	41°18.0'N	063°30.0'W	X							RSE
Data reported in volumes				8A		8				2	5

STATION DATA SP-96-HH

Contractor: Alpine Geophysical Associates, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
1	28 Oct 66	25°10.0'N	070°55.0'W			X				X	ABP
2	30 Oct 66	22°58.0'N	066°14.0'W			X				X	ABP
3	1 Nov 66	19°39.0'N	067°54.0'W							X	IRN
4	3 Nov 66	15°30.0'N	069°02.0'W			X			X	X	ABP
5	4 Nov 66	14°30.0'N	072°10.0'W			X			X	X	RSE
6	5 Nov 66	13°14.0'N	076°13.0'W			X			X	X	ABP
7	15 Nov 66	05°55.0'N	080°06.0'W							X	BAS
8	19 Nov 66	02°30.0'N	094°03.0'W							X	RDG
9	21 Nov 66	03°30.0'N	103°09.0'W							X	RSE
10	26 Nov 66	06°12.0'N	120°54.0'W							X	ABH
11	30 Nov 66	10°21.0'N	133°12.0'W							X	ABH
12	2 Dec 66	13°14.0'N	140°10.0'W							X	ABH
Data reported in volumes						4			4	1	1 2 4

STATION DATA SP-96-V

Contractor: Alpine Geophysical Associates, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
1	4 Jan 67	21°33.0'N	159°57.0'W	X		X			X	X	RDG
2	4 Jan 67	20°56.0'N	159°00.0'W	X						X	MOT
3	5 Jan 67	20°24.0'N	159°50.0'W	X		X			X	X	MOT
4	6 Jan 67	19°53.0'N	159°01.0'W	X						X	MOT
5	7 Jan 67	20°27.0'N	157°48.0'W	X						X	MOT
6	7 Jan 67	19°56.0'N	156°18.0'W	X						X	RDG
7	8 Jan 67	18°56.0'N	156°26.0'W	X						X	MOT
8	9 Jan 67	18°35.0'N	157°34.0'W	X	X	X			X	X	SMT
9	9 Jan 67	18°34.0'N	159°48.0'W	X						X	ARC
10	10 Jan 67	17°54.0'N	159°30.0'W	X		X			X	X	ARC
11	11 Jan 67	17°40.0'N	158°22.0'W	X						X	ARC
12	11 Jan 67	17°11.0'N	157°04.0'W	X						X	ARC
13	12 Jan 67	18°22.0'N	156°39.0'W	X						X	SMT
14	13 Jan 67	17°09.0'N	155°27.0'W	X						X	ARC
15	13 Jan 67	17°41.0'N	154°54.0'W	X		X			X	X	ARC
16	14 Jan 67	18°53.0'N	154°25.0'W	X						X	MOT
17	15 Jan 67	17°43.0'N	153°30.0'W	X						X	ARC
18	15 Jan 67	19°04.0'N	152°49.0'W	X						X	ARC
19	16 Jan 67	18°18.0'N	152°14.0'W	X						X	ARC
20	17 Jan 67	18°51.0'N	151°06.0'W	X	X	X			X	X	ARC
21	18 Jan 67	19°50.0'N	150°23.0'W	X						X	ARC
22	18 Jan 67	20°35.0'N	151°02.0'W	X						X	ARC
23	19 Jan 67	20°42.0'N	152°07.0'W	X						X	ARC
24	20 Jan 67	19°47.0'N	152°03.0'W	X		X			X	X	ARC
25	20 Jan 67	20°20.0'N	152°54.0'W	X						X	FRZ
Data reported in volumes				8A	8B	8			8	1	1
										2	5

STATION DATA SP-96-V

Contractor: Alpine Geophysical Associates, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
26	20 Jan 67	21°09.0'N	153°27.0'W	X						X	MOT
27	21 Jan 67	20°49.0'N	154°29.0'W	X						X	MOT
28	22 Jan 67	21°45.0'N	155°31.0'W	X	X	X			X	X	MOT
29	1 Feb 67	22°40.0'N	156°20.0'W	X						X	MOT
30	2 Feb 67	23°40.0'N	155°44.0'W	X						X	ARC
31	2 Feb 67	25°00.0'N	156°14.0'W	X						X	ARC
32	3 Feb 67	26°05.0'N	155°05.0'W	X						X	ARC
33	4 Feb 67	27°09.0'N	154°11.0'W	X						X	ABH
34	4 Feb 67	27°20.0'N	155°45.0'W	X	X	X			X	X	ARC
35	5 Feb 67	28°46.0'N	154°55.0'W	X						X	FRZ
36	6 Feb 67	28°40.0'N	153°04.0'W	X						X	ABH
37	7 Feb 67	29°36.0'N	154°08.0'W	X		X			X	X	FRZ
38	8 Feb 67	30°21.0'N	152°30.0'W	X	X	X			X	X	ABH
39	8 Feb 67	30°49.0'N	151°22.0'W	X						X	ABH
40	9 Feb 67	29°25.0'N	151°26.0'W	X						X	FRZ
41	10 Feb 67	28°25.0'N	150°31.0'W	X						X	ABH
42	10 Feb 67	27°48.0'N	151°47.0'W	X						X	ABH
43	11 Feb 67	27°05.0'N	152°46.0'W	X		X			X	X	ABH
44	12 Feb 67	26°43.0'N	151°02.0'W	X						X	ABH
45	13 Feb 67	25°56.0'N	150°10.0'W	X						X	ABH
46	13 Feb 67	26°05.0'N	152°15.0'W	X						X	ARC
47	14 Feb 67	25°12.0'N	153°39.0'W	X						X	ARC
48	15 Feb 67	24°16.0'N	154°37.0'W	X		X			X	X	ARC
49	16 Feb 67	24°17.0'N	152°59.0'W	X						X	ARC
50	16 Feb 67	24°45.0'N	151°54.0'W	X						X	ARC
Data reported in volumes				8A	8B	8			8	1 2	1 5

STATION DATA SP-96-V

Contractor: Alpine Geophysical Associates, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
51	18 Feb 67	24°34.0'N	150°18.0'W	X	X	X			X	X	ABH
52	18 Feb 67	23°45.0'N	151°31.0'W	X						X	ARC
53	19 Feb 67	22°08.0'N	150°53.0'W	X						X	FRZ
54	20 Feb 67	22°46.0'N	152°43.0'W	X		X			X	X	ARC
55	21 Feb 67	22°42.0'N	154°54.0'W	X						X	ARC
56	27 Feb 67	22°39.0'N	159°25.0'W	X						X	RDG
57	28 Feb 67	23°32.0'N	159°26.0'W	X						X	MOT
58	1 Mar 67	24°18.0'N	158°22.0'W	X						X	RDG
59	4 Mar 67	25°32.0'N	159°05.0'W	X						X	SMT
60	4 Mar 67	27°00.0'N	158°13.0'W	X						X	SMT
61	5 Mar 67	28°27.0'N	157°41.0'W	X							FRZ
62	5 Mar 67	29°47.0'N	157°12.0'W	X							FRZ
63	7 Mar 67	29°40.5'N	159°03.0'W	X	X	X			X	X	ABH
64	8 Mar 67	31°06.0'N	159°08.0'W	X						X	ABH
65	8 Mar 67	31°58.0'N	158°42.0'W	X						X	ABH
66	9 Mar 67	31°57.0'N	157°20.0'W	X						X	ABH
67	10 Mar 67	31°09.0'N	156°28.0'W	X						X	ABH
68	13 Mar 67	31°43.0'N	150°16.0'W	X	X	X			X	X	ABH
69	13 Mar 67	32°30.0'N	151°55.0'W	X						X	ABH
70	14 Mar 67	31°18.0'N	153°01.0'W	X						X	ABH
71	15 Mar 67	30°28.0'N	154°00.0'W	X						X	ABH
72	15 Mar 67	32°10.0'N	154°11.0'W	X						X	ABH
73	16 Mar 67	31°46.0'N	155°37.0'W	X	X				X	X	ABH
74	17 Mar 67	30°15.0'N	155°12.0'W	X						X	ABH
75	18 Mar 67	28°25.0'N	156°06.0'W	X						X	FRZ
Data reported in volumes				8A	8B	8			8	1 2	1 5

STATION DATA SP-96-V

Contractor: Alpine Geophysical Associates, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
76	19 Mar 67	26°14.0'N	156°14.0'W	X						X	ARC
77	19 Mar 67	25°31.0'N	157°23.0'W	X						X	ARC
78	20 Mar 67	24°18.0'N	157°44.0'W	X		X			X	X	ARC
79	20 Mar 67	22°42.0'N	158°02.0'W	X							MOT
RVRB	2 Mar 67	24°33.0'N	157°23.0'W				X				ARC
Data reported in volumes				8A		8	4		8	1 2	1 5

STATION DATA SP-96-6

Contractor: Alpine Geophysical Associates, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
1	24 Apr 67	17°21.0'N	160°23.0'W	X			X	X		X	ABH
2	26 Apr 67	15°44.0'N	160°32.0'W	X	X	X			X	X	ABH
3	27 Apr 67	15°08.0'N	161°47.0'W	X			X	X		X	ABH
4	27 Apr 67	14°54.0'N	163°21.0'W	X			X	X		X	ABH
5	28 Apr 67	14°48.0'N	164°56.0'W	X						X	ABH
6	29 Apr 67	14°44.0'N	167°18.0'W	X			X	X		X	ABH
7	30 Apr 67	15°48.0'N	168°33.0'W	X			X	X		X	SMT
8	1 May 67	16°05.0'N	167°11.0'W	X						X	ABH
9	1 May 67	16°17.0'N	165°46.0'W	X						X	ABH
10	2 May 67	16°10.0'N	164°24.0'W	X						X	ABH
11	3 May 67	16°38.0'N	164°19.0'W	X						X	ABH
12	3 May 67	16°54.0'N	161°53.0'W	X						X	ABH
13	4 May 67	18°08.0'N	160°54.0'W	X						X	ABH
14	5 May 67	17°49.0'N	162°17.0'W	X			X	X		X	ABH
15	6 May 67	17°15.0'N	163°38.0'W	X	X	X	X	X	X	X	ABH
16	7 May 67	17°12.0'N	165°15.0'W	X			X	X		X	ABH
17	7 May 67	17°07.0'N	166°39.0'W	X			X	X		X	ABH
18	8 May 67	17°25.0'N	167°55.0'W	X			X	X		X	ABH
19	9 May 67	17°46.0'N	169°42.0'W	X	X	X	X	X	X	X	ABH
20	10 May 67	18°14.0'N	168°14.0'W	X			X	X		X	ABH
21	11 May 67	18°22.0'N	166°53.0'W	X			X	X		X	FRZ
22	12 May 67	18°16.0'N	165°19.0'W	X			X	X		X	FRZ
23	12 May 67	18°28.0'N	163°48.0'W	X			X	X		X	FRZ
24	13 May 67	18°47.0'N	162°17.0'W	X			X	X		X	FRZ
25	14 May 67	19°06.0'N	160°47.0'W	X			X	X		X	FRZ
Data reported in volumes				8A	8B	8	4 4A	4A	8	1 2	1 5

STATION DATA SP-96-6

Contractor: Alpine Geophysical Associates, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
26	17 Oct 67	20°08.0'N	161°23.0'W	X	X	X			X	X	RSE
27	18 Oct 67	19°57.0'N	163°06.0'W	X						X	RSE
28	19 Oct 67	19°51.0'N	164°29.0'W	X						X	RSE
29	20 Oct 67	19°43.0'N	166°03.0'W	X			X	X		X	RSE
30	21 Oct 67	19°33.0'N	167°37.0'W	X						X	RSE
31	22 Oct 67	21°04.0'N	166°40.0'W	X						X	RSE
32	22 Oct 67	20°40.0'N	165°13.0'W	X						X	RSE
33	23 Oct 67	20°47.0'N	163°33.0'W	X						X	RSE
34	24 Oct 67	20°47.0'N	162°12.0'W	X			X	X		X	RSE
35	25 Oct 67	21°40.0'N	161°45.0'W	X						X	RSE
36	26 Oct 67	22°08.0'N	163°50.0'W	X	X	X	X	X	X	X	RSE
37	27 Oct 67	22°10.0'N	165°15.0'W	X			X	X		X	RSE
38	28 Oct 67	23°16.0'N	167°31.0'W	X						X	ABH
39	29 Oct 67	22°06.0'N	169°28.0'W	X	X	X			X	X	ABH
40	30 Oct 67	23°43.0'N	169°26.0'W	X						X	ABH
41	31 Oct 67	26°40.0'N	169°28.0'W	X						X	HDP
42	1 Nov 67	26°28.0'N	168°11.0'W	X			X	X		X	HDP
43	2 Nov 67	26°22.0'N	166°42.0'W	X						X	HDP
44	3 Nov 67	25°17.0'N	166°15.0'W	X						X	HDP
45	3 Nov 67	25°23.0'N	164°56.0'W	X						X	HDP
46	4 Nov 67	24°31.0'N	164°15.0'W	X						X	HDP
47	5 Nov 67	24°21.0'N	162°47.0'W	X			X	X		X	HDP
48	5 Nov 67	23°39.0'N	161°51.0'W	X						X	RDG
49	7 Nov 67	23°14.0'N	160°14.0'W	X						X	HDP
50	6 Nov 67	24°08.0'N	160°37.0'W	X						X	HDP
Data reported in volumes				8A	8B	8	4 4A	4A	8	1 2	1 5

STATION DATA SP-96-6

Contractor: Alpine Geophysical Associates, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
51	8 Dec 67	25°08.0'N	160°30.0'W	X	X	X	X	X		X	ARC
52	9 Dec 67	25°54.0'N	161°33.0'W	X		X	X	X	X	X	ARC
53	10 Dec 67	26°42.0'N	162°10.0'W	X			X	X		X	FRZ
54	11 Dec 67	27°37.0'N	162°42.0'W	X			X	X		X	FRZ
55	12 Dec 67	29°29.0'N	160°18.0'W	X			X	X		X	ABH
56	13 Dec 67	29°52.0'N	161°04.0'W	X			X	X		X	ABH
57	14 Dec 67	30°30.0'N	160°12.0'W	X			X	X		X	ABH
58	15 Dec 67	31°34.0'N	160°13.0'W	X	X	X	X	X		X	ABH
59	16 Dec 67	31°20.0'N	161°20.0'W	X			X	X		X	ABH
60	17 Dec 67	30°53.0'N	163°58.0'W	X			X	X		X	ABH
62	18 Dec 67	30°42.0'N	166°35.0'W	X			X	X		X	ABH
63	18 Dec 67	30°24.0'N	168°28.0'W	X							ABH
64	20 Dec 67	29°43.0'N	169°24.0'W	X							ABH
65	20 Dec 67	28°27.0'N	169°22.0'W	X							ABH
66	21 Dec 67	29°10.0'N	168°17.0'W	X							ABH
68	23 Dec 67	28°05.0'N	167°10.0'W	X			X	X		X	ARC
69	23 Dec 67	28°19.0'N	165°21.0'W	X			X	X		X	FRZ
72	24 Dec 67	27°51.0'N	163°55.0'W	X			X	X		X	FRZ
73	25 Dec 67	26°41.0'N	163°37.0'W	X			X	X		X	ARC
75	25 Dec 67	25°25.0'N	163°24.0'W	X			X	X		X	HDP
RVRB	3 Oct 67	28°23.0'N	166°08.0'W				X				
RVRB	30 Sep 67	28°15.0'N	173°06.0'W				X				
RVRB	26 Sep 67	27°08.0'N	174°50.0'W				X				
Data reported in volumes				8A	8B	8	4 4A	4A	8	1 2	1 5

STATION DATA SP-96-XVII

Contractor: Alpine Geophysical Associates, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
1D	8 Aug 67	31°16.0'N	134°10.0'E			X			X	X	TGH
1S	10 Aug 67	31°15.0'N	134°20.0'E							X	TGH
2D	11 Aug 67	27°52.0'N	133°35.0'E			X			X	X	BAS
2S	13 Aug 67	28°12.0'N	133°38.0'E							X	BAS
3D	22 Aug 67	27°00.0'N	135°46.0'E			X			X	X	TGH
3S	23 Aug 67	27°12.0'N	135°52.0'E							X	TGH
4D	24 Aug 67	28°45.0'N	138°00.0'E			X				X	RSE
4S	25 Aug 67	28°45.0'N	138°00.0'E							X	RSE
5D	18 Aug 67	24°33.0'N	137°00.0'E			X			X	X	TRN
5S	20 Aug 67	25°00.0'N	137°10.0'E							X	TGH
1	3 Jul 67	31°58.7'N	139°02.0'E	X							
2	4 Jul 67	30°25.0'N	135°45.0'E	X							
3	5 Jul 67	30°18.0'N	139°00.0'E	X							
4	6 Jul 67	28°33.0'N	138°28.5'E	X							
5	7 Jul 67	26°59.5'N	136°15.7'E	X							BAS
6	8 Jul 67	26°51.0'N	138°00.0'E	X							RDG
7	9 Jul 67	27°30.0'N	139°29.5'E	X							RDG
8	10 Jul 67	25°50.0'N	140°14.5'E	X							RSE
9	10 Jul 67	25°00.0'N	139°03.0'E	X							TGH
10	11 Jul 67	25°28.0'N	136°38.1'E	X							RDG
11	12 Jul 67	25°03.0'N	135°25.0'E	X							BAS
12	13 Jul 67	24°23.0'N	133°29.0'E	X							
13	14 Jul 67	26°29.0'N	131°40.0'E	X							
14	15 Jul 67	26°45.0'N	130°00.8'E	X							
15	16 Jul 67	27°39.0'N	132°30.3'E	X							
16	16 Jul 67	27°00.0'N	134°35.0'E	X							
Data reported in volumes				6A		6			6	1	1 3

STATION DATA SP-96-XVII

Contractor: Alpine Geophysical Associates, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
17	18 Jul 67	29°08.0'N	134°10.0'E	X							
18	18 Jul 67	28°53.0'N	133°00.0'E	X							
20	19 Jul 67	29°37.0'N	130°55.0'E	X							
21	19 Jul 67	29°37.0'N	131°40.7'E	X							
22	20 Jul 67	31°14.0'N	132°28.0'E	X							
23	23 Jul 67	33°28.0'N	138°20.6'E	X							
24A	7 Jul 67	28°00.0'N	137°31.0'E	X							
24B	7 Jul 67	27°49.0'N	137°33.0'E	X							
1R	6 Aug 67	31°05.0'N	134°15.0'E	X							
1E	9 Aug 67	32°37.0'N	133°29.0'E	X							
2R	11 Aug 67	27°54.0'N	133°26.0'E	X							
2E	12 Aug 67	26°46.0'N	134°47.0'E	X							
8R	18 Aug 67	24°49.0'N	137°12.0'E	X							
8E	19 Aug 67	26°31.0'N	136°40.0'E	X							
3E	22 Aug 67	28°40.5'N	135°41.0'E	X							
3R	23 Aug 67	27°00.0'N	136°00.0'E	X							
4E	25 Aug 67	30°24.0'N	137°29.0'E	X							
4R	25 Aug 67	28°44.0'N	138°01.0'E	X							

Data reported in volumes 1A
6A

STATION DATA SP-97-ST

Contractor: Alpine Geophysical Associates, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
1	28 May 67	32°37.0'N	056°05.0'W	X	X						ABP
2	5 Jun 67	33°55.0'N	022°49.0'W	X						X	ABH
3	7 Jun 67	34°59.0'N	018°00.0'W	X						X	RSE
4	19 Jun 67	24°21.0'N	025°21.0'W	X		X				X	RSE
5	22 Jun 67	16°35.0'N	030°02.0'W	X						X	RSE
6	28 Jun 67	06°09.0'N	016°50.0'W	X		X				X	ABP
7	5 Jul 67	00°45.0'N	004°04.0'W	X		X			X	X	ABP
8	11 Jul 67	15°53.0'S	002°45.0'E	X						X	ABP
9	1 Aug 67	29°50.0'S	038°28.0'E	X	X	X			X	X	ABP
10	7 Aug 67	19°59.0'S	050°55.0'E	X	X	X			X	X	RSE
11	18 Aug 67	06°34.0'S	061°55.0'E	X	X	X				X	ABP
12	26 Aug 67	03°02.0'S	083°35.0'E	X	X				X	X	CNE
13	28 Aug 67	04°35.0'N	086°17.0'E	X	X	X			X	X	CNE
Data reported in volumes				2	2	2			2	1	1 2

STATION DATA SP-97-12

Contractor: Alpine Geophysical Associates, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
1	8 Aug 68	11°03.0'N	132°22.0'E	X			X	X		X	BAS
2	10 Sep 68	10°28.0'N	133°13.0'E	X			X	X		X	BAS
3	8 Aug 68	09°50.0'N	132°23.0'E	X			X	X		X	BAS
4	9 Sep 68	09°11.0'N	133°26.0'E	X			X	X		X	RDG
5	8 Sep 68	08°16.0'N	134°17.0'E	X			X	X		X	RDG
6	7 Sep 68	08°09.0'N	133°32.0'E	X			X	X		X	RDG
7	7 Aug 68	08°23.0'N	132°20.0'E	X			X	X		X	RDG
8	7 Aug 68	07°13.0'N	132°13.0'E	X			X	X		X	RDG
9	6 Aug 68	06°23.0'N	132°04.0'E	X			X	X		X	RDG
10	6 Aug 68	06°29.0'N	134°27.0'E	X			X	X		X	RDG
11	5 Aug 68	07°03.0'N	135°18.0'E	X		X	X	X	X	X	RDG
12	3 Aug 68	08°18.0'N	136°00.0'E	X			X	X		X	RDG
13	3 Aug 68	09°09.0'N	136°41.0'E	X			X	X		X	RDG
14	2 Aug 68	10°15.0'N	137°35.0'E	X			X	X		X	RDG
15	2 Aug 68	10°34.0'N	139°12.0'E	X			X	X		X	RDG
16	14 Sep 68	11°17.0'N	138°24.0'E	X			X	X		X	RDG
17	14 Sep 68	10°53.0'N	137°20.0'E	X			X	X		X	SMT
18	13 Sep 68	11°28.0'N	136°45.0'E	X			X	X		X	SMT
19	12 Sep 68	11°18.0'N	135°41.0'E	X			X	X		X	SMT
20	11 Sep 68	10°31.0'N	135°49.0'E	X		X	X	X	X	X	SMT
21	9 Sep 68	09°30.0'N	134°30.0'E	X			X	X		X	RDG
22	1 Aug 68	11°09.0'N	141°42.0'E	X			X	X		X	
23	18 Sep 68	11°09.0'N	143°16.0'E	X			X	X		X	
24	18 Sep 68	11°10.0'N	144°42.0'E	X			X	X		X	
25	9 Aug 68	12°27.0'N	132°57.0'E	X			X	X		X	BAS
Data reported in volumes				4		5	3 3A	3A	5	1 2	1* 5

*SP-97-13

STATION DATA SP-97-12

Contractor: Alpine Geophysical Associates, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
26	9 Aug 68	11°39.0'N	132°50.0'E	X			X	X		X	BAS
27	11 Aug 68	14°32.0'N	132°13.0'E	X			X	X		X	BAS
28	10 Aug 68	13°37.0'N	132°20.0'E	X			X	X		X	BAS
29	10 Aug 68	12°57.0'N	132°19.0'E	X			X	X		X	BAS
30	5 Sep 68	13°04.0'N	133°38.0'E	X			X	X		X	BAS
32	5 Sep 68	14°07.0'N	133°30.0'E	X			X	X		X	RDG
35	12 Sep 68	12°30.0'N	136°02.0'E	X			X	X		X	BAS
38	12 Sep 68	12°39.0'N	136°59.0'E	X			X	X		X	SMT
39	15 Sep 68	12°08.0'N	137°43.0'E	X			X	X		X	SMT
40	15 Sep 68	12°28.0'N	138°28.0'E	X		X	X	X	X	X	SMT
41	16 Sep 68	12°29.0'N	139°33.0'E	X			X	X		X	RDG
48	3 Sep 68	16°27.0'N	134°19.0'E	X			X	X		X	RDG
49	4 Sep 68	15°11.0'N	134°07.0'E	X			X	X		X	RDG
50	12 Sep 68	15°34.0'N	132°46.0'E	X		X	X	X	X	X	RDG
51	13 Aug 68	16°53.0'N	132°11.0'E	X			X	X		X	BAS
52	12 Aug 68	16°20.0'N	133°15.0'E	X			X	X		X	BAS
53	3 Sep 68	17°18.0'N	133°31.0'E	X			X	X		X	BAS
58	2 Sep 68	18°08.0'N	132°31.0'E	X		X	X	X	X	X	BAS
59	14 Aug 68	19°16.0'N	132°10.0'E	X			X	X		X	BAS
60	14 Aug 68	20°04.0'N	132°53.0'E	X			X	X		X	BAS
61	15 Aug 68	19°33.0'N	133°57.0'E	X			X	X		X	BAS
63	15 Aug 68	19°07.0'N	135°29.0'E	X			X	X		X	RDG
65	16 Aug 68	20°58.0'N	135°39.0'E	X			X	X		X	RDG
66	17 Aug 68	21°06.0'N	134°52.0'E	X			X	X		X	BAS
67	16 Aug 68	12°24.0'N	140°15.0'E	X			X	X		X	
68	10 Sep 68	10°39.0'N	134°21.0'E	X			X	X		X	RDG
Data reported in volumes				4		5	3 3A	3A	5	1 2	1* 5

*SP-97-13

STATION DATA SP-97-13

Contractor: Alpine Geophysical Associates, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
1	30 Mar 68	12°11.0'N	126°15.0'E	X			X	X		X	TRN
2	16 Apr 68	11°19.0'N	127°05.0'E	X			X	X		X	RDG
3	31 Mar 68	12°06.0'N	128°15.0'E	X			X	X		X	RDG
4	1 Apr 68	11°25.0'N	129°00.0'E	X			X	X		X	BAS
5	1 Apr 68	10°54.0'N	129°56.0'E	X			X	X		X	BAS
6	2 Apr 68	10°20.0'N	131°22.0'E	X			X	X		X	BAS
7	3 Apr 68	09°34.0'N	131°28.0'E	X			X	X		X	BAS
9	7 Apr 68	09°24.0'N	129°47.0'E	X		X	X	X	X	X	BAS
10	8 Apr 68	09°47.0'N	128°49.0'E	X			X	X		X	BAS
12	15 Apr 68	09°42.0'N	127°57.0'E	X			X	X		X	RDG
13	14 Apr 68	08°09.0'N	128°04.0'E	X		X	X	X	X	X	RDG
14	9 Apr 68	07°38.0'N	129°20.0'E	X			X	X		X	BAS
15	9 Apr 68	08°29.0'N	129°07.0'E	X			X	X		X	BAS
16	7 Apr 68	08°33.0'N	130°03.0'E	X			X	X		X	BAS
17	4 Apr 68	08°40.0'N	131°06.0'E	X			X	X		X	BAS
18	4 Apr 68	07°50.0'N	131°33.0'E	X			X	X		X	RDG
19	6 Apr 68	07°04.0'N	130°18.0'E	X			X	X		X	BAS
20	5 Apr 68	05°37.0'N	130°54.0'E	X			X	X		X	BAS
21	11 Apr 68	05°18.0'N	129°35.0'E	X			X	X		X	BAS
22	12 Apr 68	05°29.0'N	128°32.0'E	X		X	X	X	X	X	RDG
23	11 Apr 68	06°10.0'N	129°22.0'E	X		X	X	X	X	X	BAS
24	10 Apr 68	06°53.0'N	128°53.0'E	X			X	X		X	BAS
25	13 Apr 68	06°32.0'N	127°16.0'E	X			X	X		X	TRN
26	17 Apr 68	13°12.0'N	126°08.0'E	X			X	X		X	RDG
27	18 Apr 68	12°41.0'N	127°10.0'E	X			X	X		X	RDG
Data reported in volumes				4		5	3 3A	3A	5	1 1A 2	1 5

STATION DATA SP-97-13

Contractor: Alpine Geophysical Associates, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
28	27 Apr 68	13°33.0'N	127°26.0'E	X		X	X	X	X	X	RDG
29	9 May 68	14°38.0'N	127°41.0'E	X			X	X		X	BAS
30	8 May 68	14°17.0'N	128°45.0'E	X			X	X		X	BAS
31	3 May 68	13°42.0'N	129°42.0'E	X			X	X		X	BAS
32	28 Apr 68	13°18.0'N	128°58.0'E	X		X	X	X	X	X	BAS
33	29 Apr 68	12°29.0'N	129°43.0'E	X			X	X		X	BAS
34	29 Apr 68	11°44.0'N	130°05.0'E	X			X	X		X	BAS
35	30 Apr 68	11°12.0'N	131°01.0'E	X			X	X		X	BAS
36	1 May 68	11°57.0'N	131°41.0'E	X			X	X		X	BAS
37	1 May 68	12°47.0'N	130°59.0'E	X			X	X		X	BAS
38	3 May 68	13°32.0'N	130°47.0'E	X			X	X		X	BAS
39	5 May 68	14°07.0'N	131°42.0'E	X		X	X	X	X	X	BAS
40	3 May 68	14°12.0'N	130°26.0'E	X			X	X		X	BAS
41	5 May 68	14°55.0'N	131°09.0'E	X			X	X		X	BAS
42	6 May 68	15°41.0'N	131°51.0'E	X			X	X		X	RDG
43	7 May 68	15°29.0'N	130°08.0'E	X			X	X		X	BAS
44	8 May 68	15°01.0'N	129°12.0'E	X			X	X		X	BAS
45	9 May 68	15°41.0'N	128°37.0'E	X			X	X		X	BAS
46	10 May 68	15°37.0'N	127°12.0'E	X			X	X		X	RDG
47	11 May 68	14°55.0'N	126°16.0'E	X			X	X		X	TRN
48	11 May 68	14°20.0'N	125°07.0'E	X		X	X	X	X	X	TGH
50	25 Jun 68	15°52.0'N	123°03.0'E	X			X	X		X	TGH
51	25 Jun 68	16°22.0'N	123°03.0'E	X			X	X		X	TGH
52	21 May 68	16°26.0'N	124°52.0'E	X						X	PLT
54	22 May 68	16°27.0'N	125°57.0'E	X		X	X	X	X	X	RDG
Data reported in volumes				4		5	3 3A	3A	5	1 1A 2	1 5

STATION DATA SP-97-13

Contractor: Alpine Geophysical Associates, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
55	23 May 68	17°17.0'N	126°46.0'E	X			X	X		X	BAS
56	23 May 68	16°57.0'N	127°48.0'E	X			X	X		X	BAS
57	24 May 68	17°08.0'N	129°07.0'E	X		X	X	X	X	X	BAS
58	7 May 68	17°03.0'N	130°40.0'E	X			X	X		X	BAS
59	6 May 68	16°52.0'N	131°43.0'E	X			X	X		X	BAS
60	25 May 68	18°08.0'N	131°30.0'E	X			X	X		X	BAS
61	26 May 68	19°05.0'N	131°45.0'E	X			X	X		X	BAS
62	27 May 68	20°10.0'N	131°16.0'E	X			X	X		X	BAS
63	16 Jun 68	20°10.0'N	130°10.0'E	X			X	X		X	BAS
64	17 Jun 68	19°13.0'N	130°43.0'E	X			X	X		X	BAS
65	25 May 68	18°15.0'N	130°46.0'E	X			X	X		X	BAS
66	25 May 68	18°18.0'N	129°51.0'E	X			X	X		X	BAS
67	17 Jun 68	18°40.0'N	128°58.0'E	X			X	X		X	BAS
69	23 Jun 68	18°33.0'N	125°58.0'E	X			X	X		X	BAS
70	24 Jun 68	17°16.0'N	124°38.0'E	X			X	X		X	PLT
71	23 Jun 68	18°33.0'N	124°04.0'E	X			X	X		X	BAS
72	21 Jun 68	19°35.0'N	124°25.0'E	X			X	X		X	BAS
73	21 Jun 68	19°55.0'N	123°40.0'E	X			X	X		X	BAS
74	22 Jun 68	19°56.0'N	122°32.0'E	X			X	X		X	ISP
75	22 Jun 68	18°54.0'N	122°57.0'E	X			X	X		X	BAS
76	4 Jun 68	22°55.0'N	122°28.0'E	X			X	X		X	TGH
77	3 Jun 68	22°01.0'N	123°19.0'E	X			X	X		X	BAS
78	12 Jun 68	20°59.0'N	123°12.0'E	X		X	X	X	X	X	BAS
79	13 Jun 68	20°31.0'N	124°36.0'E	X			X	X		X	BAS
80	3 Jun 68	21°23.0'N	124°05.0'E	X			X	X		X	BAS
Data reported in volumes				4		5	3 3A	3A	5	1 1A	1 5

STATION DATA SP-97-13

Contractor: Alpine Geophysical Associates, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
81	2 Jun 68	22°19.0'N	124°31.0'E	X		X	X	X	X	X	BAS
82	1 Jun 68	22°00.0'N	125°36.0'E	X			X	X		X	BAS
83	1 Jun 68	22°26.0'N	127°09.0'E	X			X	X		X	BAS
84	31 May 68	21°35.0'N	127°41.0'E	X			X	X		X	BAS
85	14 Jun 68	21°05.0'N	126°40.0'E	X			X	X		X	BAS
86	13 Jun 68	20°37.0'N	125°26.0'E	X		X	X	X	X	X	BAS
87	20 Jun 68	19°26.0'N	125°26.0'E	X			X	X		X	BAS
88	19 Jun 68	19°40.0'N	126°38.0'E	X		X	X	X	X	X	BAS
89	15 Jun 68	20°30.0'N	127°27.0'E	X			X	X		X	BAS
90	18 Jun 68	19°27.0'N	128°04.0'E	X			X	X		X	BAS
91	18 Jun 68	19°32.0'N	129°21.0'E	X			X	X		X	BAS
92	16 Jun 68	20°28.0'N	129°20.0'E	X			X	X		X	BAS
93	15 Jun 68	20°55.0'N	128°30.0'E	X			X	X		X	BAS
94	31 May 68	22°08.0'N	128°44.0'E	X			X	X		X	BAS
95	30 May 68	22°04.0'N	130°14.0'E	X			X	X		X	BAS
96	30 May 68	21°21.0'N	129°48.0'E	X			X	X		X	BAS
97	28 May 68	20°58.0'N	130°31.0'E	X		X	X	X	X	X	BAS
98	29 May 68	21°17.0'N	132°02.0'E	X			X	X		X	RDG
99	29 May 68	21°50.0'N	131°16.0'E	X			X			X	BAS
Data reported in volumes				4		5	3 3A	3A	5	1 1A 2	1 5

STATION DATA SP-97-15

Contractor: Alpine Geophysical Associates, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
1	22 Oct 67	22°01.0'N	116°02.0'E	X						X	CSE
2	8 Dec 67	21°21.0'N	118°04.0'E	X						X	CSA
3	7 Dec 67	22°10.0'N	119°30.0'E	X						X	CSP
4	6 Dec 67	21°03.0'N	119°28.0'E	X		X				X	RSE
5	9 Dec 67	20°42.0'N	118°25.0'E	X						X	CSP
6	10 Dec 67	20°05.0'N	117°29.0'E	X						X	CSP
7	10 Dec 67	19°27.0'N	116°40.0'E	X						X	CSP
8	11 Dec 67	19°06.0'N	115°15.0'E	X						X	CSP
9	11 Dec 67	18°04.0'N	114°28.0'E	X		X				X	RSE
10	15 Dec 67	17°31.0'N	114°24.0'E	X						X	RSE
11	16 Dec 67	17°45.0'N	115°06.0'E	X						X	RSE
12	17 Dec 67	18°06.0'N	115°43.0'E	X		X				X	RSE
13	17 Dec 67	18°41.0'N	116°58.0'E	X						X	ABP
14	22 Feb 68	19°05.0'N	118°03.0'E	X			X	X		X	ABP
15	22 Feb 68	18°39.0'N	118°30.0'E	X			X	X		X	ABP
16	3 Dec 67	19°29.0'N	119°18.0'E	X					X	X	RSE
17	5 Dec 67	20°16.0'N	119°28.0'E	X		X			X	X	RSE
18	2 Dec 67	18°11.0'N	119°19.0'E	X						X	ABP
19	2 Dec 67	18°22.0'N	119°14.0'E	X						X	ABP
20	23 Feb 68	17°34.0'N	118°10.0'E	X			X	X		X	ABP
21	18 Dec 67	18°04.0'N	117°26.0'E	X						X	ABP
22	21 Feb 68	17°33.0'N	116°30.0'E	X			X	X		X	ABP
23	20 Feb 68	16°35.0'N	115°55.0'E	X			X	X		X	ABP
24	20 Feb 68	16°10.0'N	116°28.0'E	X			X	X		X	ABP
25	24 Feb 68	15°18.0'N	116°46.0'E	X			X	X		X	ABP
26	23 Feb 68	16°11.0'N	117°06.0'E	X			X	X		X	ABP
Data reported in volumes				4		5	3	3	5	1 1A 2	1 5

STATION DATA SP-97-15

Contractor: Alpine Geophysical Associates, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
27	19 Dec 67	17°14.0'N	117°15.0'E	X						X	ABP
28	30 Nov 67	16°55.0'N	117°56.0'E	X						X	ABP
29	29 Nov 67	15°40.0'N	117°43.0'E	X						X	ABP
30	28 Nov 67	14°36.0'N	118°14.0'E	X		X			X	X	RDG
31	26 Feb 68	13°54.0'N	117°44.0'E	X			X	X		X	ABP
32	25 Feb 68	14°19.0'N	116°46.0'E	X			X	X		X	ABP
33	24 Feb 68	14°34.0'N	116°03.0'E	X			X	X		X	ABP
34	19 Feb 68	15°29.0'N	115°37.0'E	X		X	X	X		X	ABP
35	18 Feb 68	15°50.0'N	115°11.0'E	X			X	X		X	ABP
36	14 Dec 68	17°25.0'N	113°32.0'E	X						X	CSP
37	12 Dec 68	18°34.0'N	113°27.0'E	X						X	CSP
38	26 Oct 67	21°03.0'N	113°31.0'E	X						X	CSP
39	25 Oct 67	20°30.0'N	114°03.0'E	X		X			X	X	CSF
40	27 Oct 67	18°55.0'N	112°23.0'E	X						X	CSP
41	13 Dec 67	17°58.0'N	112°18.0'E	X						X	CSP
42	28 Oct 67	17°22.0'N	111°45.0'E	X						X	CSP
43	13 Dec 67	17°14.0'N	112°28.0'E	X						X	PLT
44	17 Feb 68	15°52.0'N	113°19.0'E	X			X	X		X	CSP
45	17 Feb 68	15°13.0'N	113°02.0'E	X			X	X		X	CSP
46	11 Feb 68	14°49.0'N	114°20.0'E	X						X	RSE
47	11 Feb 68	14°37.0'N	114°59.0'E	X						X	ABP
48	9 Feb 69	13°47.0'N	116°21.0'E	X							ABP
49	26 Feb 69	13°10.0'N	117°13.0'E	X							ABP
50	16 Nov 67	13°01.0'N	117°51.0'E	X						X	RSE
51	17 Nov 67	11°57.0'N	119°12.0'E	X		X			X	X	CSP
Data reported in volumes				4		5	3	3	5	1 1A 2	1 5

STATION DATA SP-97-15

Contractor: Alpine Geophysical Associates, Incorporated

STN#	DATE	LATITUDE	LONGITUDE	SOUND VELOC	NANSN CASTS	CORE	RVRB SFC /VOL	RVRB BOT	BOT PHOT	ACOUSTIC PROP/BOT LOSS	PHYSIO PROV
52	18 Nov 67	13°16.0'N	118°49.0'E	X						X	RSE
53	9 Feb 68	13°06.0'N	115°34.0'E	X						X	RSE
54	10 Feb 68	13°51.0'N	115°10.0'E	X						X	ABP
55	12 Feb 68	14°12.0'N	114°20.0'E	X						X	RSE
56	14 Feb 68	13°36.0'N	114°41.0'E	X						X	RSE
57	10 Nov 67	13°24.0'N	112°08.0'E	X						X	CSP
58	15 Feb 68	13°55.0'N	112°20.0'E	X						X	CSP
59	16 Feb 68	14°58.0'N	111°06.0'E	X		X				X	PLT
60	31 Oct 67	16°50.0'N	109°40.0'E	X						X	CSP
61	29 Oct 67	16°22.0'N	109°45.0'E	X						X	CSP
62	31 Oct 67	15°36.0'N	109°08.0'E	X						X	CSP
63	1 Nov 67	13°22.0'N	110°13.0'E	X		X				X	PLT
64	8 Nov 67	13°41.0'N	111°04.0'E	X		X				X	PLT
65	2 Nov 67	12°47.0'N	111°21.0'E	X						X	CSP
66	3 Nov 67	11°57.0'N	110°20.0'E	X						X	CSP
67	5 Nov 67	11°42.0'N	111°07.0'E	X		X			X	X	CSP
68	11 Nov 67	11°35.0'N	112°25.0'E	X						X	RSE
69	11 Nov 67	12°23.0'N	112°31.0'E	X						X	RSE
70	12 Nov 67	12°42.0'N	113°17.0'E	X						X	RSE
71	12 Nov 67	12°49.0'N	113°13.0'E	X						X	RSE
72	13 Nov 67	13°18.0'N	114°22.0'E	X						X	RSE
73	13 Nov 67	12°45.0'N	114°41.0'E	X		X			X	X	RSE
74	14 Nov 67	12°14.0'N	115°33.0'E	X						X	RSE
75	15 Nov 67	12°00.0'N	117°37.0'E	X		X			X	X	RSE
Data reported in volumes				4		5			5	1 1A 2	1 5

REPORT CATALOG

Both contractors were required to report essentially similar acoustic, geophysical, and oceanographic data for their assigned task areas. Texas Instruments' task areas were in the eastern North Atlantic and Mediterranean, and Alpine task areas were in the western North Atlantic and North Pacific, figures 1-3. The reporting format adopted by both contractors was generally consistent for task areas within each SP series, except for area XVII of the SP-96 series and transits (altered because of their special missions). Except for transits, no underway measurements are reported for task areas in the SP-97 series. The SP-95, SP-96, and SP-97 reports are listed in order in the catalog section.

The reports are described below within a general measurement category, rather than each volume in each task area being described.

1. Acoustic reports.

a. Both contractors summarize bottom reflection results, discuss the acoustic-domain concept, and review source level and receiving-system calibrations in volume 1 in each of the report series.

b. Total transmission, derived from explosive sources, and bottom loss as a function of range, grazing angle, and discrete frequencies (from 100 Hz to 12 kHz) are generally reported in volume 2 of each series in a format of computer listings and plots. Shot-run bathymetry associated with acoustic station propagation loss measurements is also reported.

c. Pulsed CW normal incidence bottom loss data at 3.5 kHz measured underway are presented in volume 3 of the SP-95 series and volumes 3 and 7 of the SP-96 series. Hourly averages and mean deviations are presented in tabular and plot format.

d. Computer tabulations and plots of bottom and surface/volume reverberation levels at frequencies of 0.5, 1.0, 2.0, 3.5, 8.0, and 12.0 kHz are reported for each acoustic station in volume 4, SP-95 series; volume 4A, SP-96 series;

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and volumes 3 and 3A, SP-97 series. Volume reverberation levels at 2.0, 3.5, and 8.0 kHz, determined at 24-hour stations, are reported in volume 4, SP-96 series and volume 3, SP-97 series (excluding task area 15).

2. Geophysical reports.

Bathymetric, physiographic, structural features, and magnetic intensity discussions based on underway measurements are presented in volume 5 of the SP-95 series and volume 5, 6, and 7 of the SP-96 series.

3. Oceanographic reports.

Core, camera, and Nansen cast data collected at selected oceanographic stations and velocimeter drops at each acoustic station are presented. Cores are analyzed for physical and engineering properties, and correlations of sediment sound speed with the physical properties are included. Grazing angles, slant ranges, and travel times between shot and receiver, calculated from the velocimeter measurements, are also presented. Salinity and temperature data are used to compute sound speeds, which are compared to the on-station velocimeter data. The data are reported in volume 6 of the SP-95 series, volumes 8, 8A, and 8B of the SP-96 series, and in volumes 4 and 5 of the SP-97 series.

4. Field operations and data processing.

a. At-sea operational methods, measurement sensing and recording systems, and calibration procedures used during the surveys are reported in volume 8 of the SP-95 series, volume 10 of the SP-96 series (in task areas 1, 2, and 5 only), and volume 2 of the SP-97 series.

b. Reduction, analysis, and quality control of measurements are discussed in volume 9 of the SP-95 series, volume 11 of the SP-96 series, and in volume 7 of the SP-97 series.

5. Transits.

Transits designated BB, ST, and SF are reported in addition to the standard test area report assignments. Tabular listings and graphs of paired and explosive bottom reflection

loss and acoustic province presentations are reported in volume 1 of the SP-95 series and the SP-96 series. Underway geophysical data are reported in volume 2 of the SP-95 series and the SP-96 series.

Classified volumes are available in accordance with OPNAVINST 5510.1D of the Department of Navy Supplement to the DOD Information Security Program Regulation, and unclassified volumes are available to all interested users. Volumes may be obtained by contacting:

Director
Defense Mapping Agency, Hydrographic Center
Stock Control Division (Code MC)
Washington, D.C. 20373

The volumes are priced at $3 per copy. Specific volumes should be identified by citing the NAVOCEANO Special Publication number.

Appendix A shows the density of Acoustic Stations ar should not be used to obtain a precise station location.

Appendix B is a complete distribution list of the MGS reports and is included to provide a ready reference to the availability of distributed reports.

United States Naval Oceanographic Office
Marine Geophysical Survey Program 1965-1967
North Atlantic Ocean, Norwegian, and
Mediterranean Sea

NAVOCEANO Special Publication Number	Title	Publication Date	Classification*
SP-95-1-1	Acoustic Results and Summary Report	5/68	C
SP-95-1-2	Acoustic Station Results	9/67	C
SP-95-1-3	Pulsed Normal Incidence Data	6/67	C
SP-95-1-4	Reverberation	9/67	C
SP-95-1-5	Geology and Geophysics	6/67	U
SP-95-1-6	Oceanographic Stations & Velocity Profiles	6/67	U
SP-95-1-7	Data Catalog	6/67	U
SP-95-1-8	Field Operations	6/67	U
SP-95-1-9	Data Processing Techniques	9/67	C
SP-95-2-1	Acoustic Results & Summary Report	10/68	C
SP-95-2-2	Acoustic Station Data	8/68	C
SP-95-2-3	Pulsed Normal-Incidence Data	8/68	C
SP-95-2-4	Reverberation	3/68	C
SP-95-2-5	Geology and Geophysics	3/68	U
SP-95-2-6	Velocity Profiles	2/68	U
SP-95-2-7	Data Catalog	1/68	U
SP-95-2-8	Field Operations	1/68	U
SP-95-2-9	Data Processing Techniques	12/67	C
SP-95-3-1	Acoustic Results and Summary Report	1/69	C
SP-95-3-2	Acoustic-Station Data	8/68	C

* C = Confidential; U = Unclassified

NAVOCEANO Special Publication Number	Title	Publication Date	Classification*
SP-95-3-3	Pulsed Normal-Incidence Data	8/68	C
SP-95-3-4	Reverberation	7/68	C
SP-95-3-5	Geology and Geophysics	10/68	U
SP-95-3-6	Oceanographic Stations and Velocity Profiles	7/68	U
SP-95-3-7	Data Catalog	5/68	U
SP-95-3-8	Field Operations	8/68	U
SP-95-3-9	Data Processing Techniques	9/68	C
SP-95-5-1	Acoustic Results and Summary Report	8/68	C
SP-95-5-2	Acoustic-Station Data	8/68	C
SP-95-5-3	Pulsed Normal-Incidence Data	8/68	C
SP-95-5-4	Reverberation	4/68	C
SP-95-5-5	Geology and Geophysics	1/67	U
SP-95-5-6	Oceanographic Stations and Velocity Profiles	2/67	U
SP-95-5-6S	Oceanographic Stations and Velocity Profiles (Supplement)	6/67	U
SP-95-5-7	Data Catalog	6/67	U
SP-95-5-8	Field Operations	1/67	U
SP-95-5-8S	Field Operations (Supplement)	6/67	U
SP-95-5-9	Data Processing Techniques	4/68	C
SP-95-6-1	Acoustic Results and Summary Report	5/68	C
SP-95-6-2	Acoustic-Station Data	8/68	C
SP-95-6-3	Pulsed Normal-Incidence Data	9/67	C

NAVOCEANO Special Publication Number	Title	Publication Date	Classification
SP-95-6-4	Reverberation	9/67	C
SP-95-6-5	Geology and Geophysics	10/67	U
SP-95-6-6	Oceanographic Stations and Velocity Profiles	12/67	U
SP-95-6-7	Data Catalog	8/67	U
SP-95-6-8	Field Operations	8/67	U
SP-95-6-9	Data Processing Techniques	9/67	C
SP-95-7/4-1	Acoustic Results and Summary Report	7/69	C
SP-95-7/4-2	Acoustic-Station Results	5/69	C
SP-95-7/4-3	Not Published For Area 7/4		
SP-95-7/4-4	Reverberation	6/69	C
SP-95-7/4-5	Geology and Geophysics	4/69	U
SP-95-7/4-6	Oceanographic Stations and Velocity Profiles	3/69	U
SP-95-7/4-7	Data Catalog	1/69	U
SP-95-7/4-8	Field Operations	2/69	U
SP-95-7/4-9	Data Processing Techniques	1/69	C

United States Naval Oceanographic Office
Marine Geophysical Survey Program 1965-1967
Western North Atlantic and Eastern and
Central North Pacific Oceans

NAVOCEANO Special Publication Number	Title	Publication Date	Classification*
SP-96-I-1	Summary Report and Bottom Reflection Loss	10/66	C
SP-96-I-1A	Summary Report and Bottom Reflection Loss	1/67	C
SP-96-I-2	Summary Tables of Acoustic Station Results	9/66	C
SP-96-I-2A	Summary Tables of Acoustic Station Results	1/67	C
SP-96-I-3	Underway 3.5 kHz Normal Incidence Reflection Loss	1/66	C
SP-96-I-4	Reverberation	1/68	C
SP-96-I-5	Bathymetry and Subbottom Profiling	9/66	U
SP-96-I-6	Magnetics	6/66	U
SP-96-I-7	Summary Profiles of Underway Geophysical and 3.5 kHz Normal Incidence Reflection Loss Results-Reconnaissance Cruise	6/66	C
SP-96-I-7A	Summary Profiles of Underway Geophysical and 3.5 kHz Normal Incidence Reflection Loss Results-Acoustic Station Cruise	7/66	C
SP-96-I-7B	Summary Profiles of Underway Geophysical and 3.5 kHz Normal Incidence Reflection Loss Results-Detailed Cruise	1/67	C
SP-96-I-8	Core, Sound Velocity, Hydrographic, and Bottom Photographic Stations-Cores	9/66	U
SP-96-I-8A	Core, Sound Velocity, Hydrographic, and Bottom Photographic Stations-Hydrographic Stations including Area 11	9/66	U
SP-96-I-8B	Core, Sound Velocity, Hydrographic, and Bottom Photographic Stations-Cores	6/67	U

NAVOCEANO Special Publication Number	Title	Publication Date	Classification
SP-96-I-8C	Core, Sound Velocity, Hydrographic, and Bottom Photographic Stations-Sound Velocity Profiles	2/67	U
SP-96-I-9	Catalog of Data	8/66	U
SP-96-I-9A	Catalog of Data	1/67	U
SP-96-I-10	Ship Operations and Measurements At Sea	9/66	U
SP-96-I-11	Data Analysis Procedures	9/66	U
SP-96-II-1	Summary Report and Bottom Reflection Loss	3/68	C
SP-96-II-2	Summary Tables of Acoustic Station Results	1/68	C
SP-96-II-3	Underway 3.5 kHz Normal Incidence Reflection Loss	1/67	C
SP-96-II-4	Reverberation	3/68	C
SP-96-II-5	Bathymetry and Subbottom Profiling	11/66	U
SP-96-II-6	Magnetics	11/66	U
SP-96-II-7	Summary Profiles of Underway Geophysical and 3.5 kHz Normal Incidence Reflection Loss Results-Reconnaissance Cruise	11/66	C
SP-96-II-7A1	Summary Profiles of Underway Geophysical and 3.5 kHz Normal Incidence Reflection Loss Results-Detailed Cruise	11/66	C
SP-96-II-7A2	Summary Profiles of Underway Geophysical and 3.5 kHz Normal Incidence Reflection Loss Results-Detailed Cruise	11/66	C
SP-96-II-8	Core, Sound Velocity, Hydrographic, and Bottom Photographic Stations-Cores	2/67	U
SP-96-II-8A	Core, Sound Velocity, Hydrographic, and Bottom Photographic Stations-Sound Velocity Profiles	1/67	U
SP-96-II-9	Catalog of Data	11/66	U

NAVOCEANO Special Publication Number	Title	Publication Date	Classification*
SP-96-SF-1	Summary Report and Bottom Reflection Loss	3/68	C
SP-96-SF-2	Summary Tables of Acoustic Station Results	2/67	C
SP-96-SF-3	Underway 3.5 kHz Normal Incidence Reflection Loss	4/67	C
SP-96-SF-4	Not Published for This Area		
SP-96-SF-5	Bathymetry and Subbottom Profiling	2/67	U
SP-96-SF-6	Magnetics	2/67	U
SP-96-SF-7	Summary Profiles of Underway Geophysical and 3.5 kHz Normal Incidence Reflection Loss Results-Detailed Cruise	2/67	C
SP-96-SF-7A	Summary Profiles of Underway Geophysical and 3.5 kHz Normal Incidence Reflection Loss Results-Detailed Cruise	2/67	C
SP-96-SF-7B	Summary Profiles of Underway Geophysical and 3.5 kHz Normal Incidence Reflection Loss Results-Detailed Cruise	2/67	C
SP-96-SF-8	Core, Sound Velocity, Hydrographic, and Bottom Photographic Stations-Sound Velocity Profiles	3/67	U
SP-96-SF-8A	Core, Sound Velocity, Hydrographic, and Bottom Photographic Stations-Sound Velocity Profiles	12/66	U
SP-96-SF-9	Catalog of Data	1/67	U
SP-96-HH-1	Summary Report of Acoustic Information	3/68	C
SP-96-HH-2	Summary Report of Geophysical Information	9/67	U
SP-96-HH-3	Catalog of Data	5/67	U
SP-96-HH-4	Cores and Bottom Photographic Stations	6/68	U

NAVOCEANO Special Publication Number	Title	Publication Date	Classification*
SP-96-V-1	Summary Report and Bottom Reflection Loss	4/68	C
SP-96-V-2	Summary Tables of Acoustic Station Results	7/66	C
SP-96-V-3	Underway 3.5 kHz Normal Incidence Reflection Loss	6/67	C
SP-96-V-4	Reverberation	4/68	C
SP-96-V-5	Bathymetry and Subbottom Profiling	9/67	U
SP-96-V-6	Magnetics	6/67	U
SP-96-V-7	Summary Profiles of Underway Geophysical and 3.5 kHz Normal Incidence Reflection Loss Results-Reconnaissance Cruise	1/68	C
SP-96-V-7A	Summary Profiles of Underway Geophysical and 3.5 kHz Normal Incidence Reflection Loss Results-Detailed Cruise	1/68	C
SP-96-V-7B	Summary Profiles of Underway Geophysical and 3.5 kHz Normal Incidence Reflection Loss Results-Detailed Cruise	1/68	C
SP-96-V-8	Core, Sound Velocity, Hydrographic, and Bottom Photographic Stations-Cores	1/68	U
SP-96-V-8A	Core, Sound Velocity, Hydrographic, and Bottom Photographic Stations-Sound Velocity Profiles	1/68	U
SP-96-V-8B	Core, Sound Velocity, Hydrographic, and Bottom Photographic Stations-Hydrographic Stations	1/68	U
SP-96-V-9	Catalog of Data	7/67	U
SP-96-6-1	Summary Report and Bottom Reflection Loss	5/68	C
SP-96-6-2	Summary Tables of Acoustic Station Results	5/68	C
SP-96-6-3	Underway 3.5 kHz Normal Incidence Reflection Loss	5/63	C

NAVOCEANO Special Publication Number	Title	Publication Date	Classification*
SP-96-6-4	Reverberation	4/68	C
SP-96-6-4A	Bottom and Surface-Volume Reverberation	9/69	C
SP-96-6-5	Bathymetry and Subbottom Profiling	3/68	U
SP-96-6-6	Magnetics	5/68	U
SP-96-6-7	Summary Profiles of Underway Geophysical and 3.5 kHz Normal Incidence Reflection Loss Results-Reconnaissance Cruise	8/68	C
SP-96-6-7A	Summary Profiles of Underway Geophysical and 3.5 kHz Normal Incidence Reflection Loss Results-Detailed Cruise	8/68	C
SP-96-6-7B	Summary Profiles of Underway Geophysical and 3.5 kHz Normal Incidence Reflection Loss Results-Detailed Cruise	8/68	C
SP-96-6-8	Core, Sound Velocity, Hydrographic, and Bottom Photographic Stations-Cores	8/68	U
SP-96-6-8A	Core, Sound Velocity, Hydrographic, and Bottom Photographic Stations-Sound Velocity Profiles	11/68	U
SP-96-6-8B	Core, Sound Velocity, Hydrographic, and Bottom Photographic Stations-Hydrographic Stations	11/68	U
SP-96-6-9	Catalog of Data	5/68	U
SP-96-6-10	Ships Operations, Measurements At Sea and Data Analysis Procedures	4/69	U
SP-96-XVII-1	Summary Report of Acoustic Information	5/68	C
SP-96-XVII-1A	Significance of Acoustic Transmission Via Subbottom Refraction Paths	1/68	C
SP-96-XVII-1B	Total Energy Transmission Loss at Low Frequencies	6/68	C
SP-96-XVII-2	Underway 3.5 kHz Normal Incidence Reflection Loss	4/68	C

NAVOCEANO Special Publication Number	Title	Publication Date	Classification*
SP-96-XVII-3	Bathymetry and Subbottom Profiling	5/68	U
SP-96-XVII-4	Magnetics	2/68	U
SP-96-XVII-5	Summary Profiles of Underway Geophysical and 3.5 kHz Normal Incidence Reflection Loss Results-Reconnaissance Cruise	2/68	C
SP-96-XVII-6	Core, Sound Velocity, Hydrographic, and Bottom Photographic Stations-Cores	6/68	U
SP-96-XVII-6A	Core, Sound Velocity, Hydrographic, and Bottom Photographic Stations-Sound Velocity Profiles	2/68	U
SP-96-XVII-7	Catalog of Data	12/67	U

United States Naval Oceanographic Office
Marine Geophysical Survey Program 1965-1967
Western North Atlantic and Eastern and
Central North Pacific Oceans

NAVOCEANO Special Publication Number	Title	Publication Date	Classification*
SP-97-12-1	Summary Report and Bottom Reflection Loss	2/69	C
SP-97-12-2	Summary Tables of Acoustic Station Results	2/69	C
SP-97-12-3	Reverberation	2/69	C
SP-97-12-3A	Bottom and Surface-Volume Reverberation	5/69	C
SP-97-12-4	Sound Velocimeter Results and Shot Run Bathymetry	1/69	U
SP-97-12-5	Core Analysis	5/69	U
SP-97-12-6	Catalog of Data	2/69	U
SP-97-12-7	Ships Operations, Measurements At Sea and Data Analysis Procedures	4/69	U
SP-97-13-1	Summary Report and Bottom Reflection Loss	2/69	C
SP-97-13-1A	Long Range Station	8/69	C
SP-97-13-2	Summary Tables of Acoustic Station Results	2/69	C
SP-97-13-3	Reverberation	1/69	C
SP-97-13-3A	Bottom and Surface-Volume Reverberation	5/69	C
SP-97-13-4	Sound Velocimeter Results and Shot Run Bathymetry	1/69	U
SP-97-13-5	Core Analysis	5/69	U
SP-97-13-6	Catalog of Data	1/69	U
SP-97-13-7	Ships Operations, Measurements At Sea and Data Analysis Procedures	4/69	U

NAVOCEANO Special Publication Number	Title	Publication Date	Classification
SP-97-15-1	Summary Report and Bottom Reflection Loss	7/68	C
SP-97-15-1A	Shallow Water Propagation Stations	8/69	C
SP-97-15-2	Summary Tables of Acoustic Station Results	7/68	C
SP-97-15-3	Bottom and Surface-Volume Reverberation	1/69	C
SP-97-15-4	Sound Velocimeter Results and Shot Run Bathymetry	1/69	U
SP-97-15-5	Core Analysis	2/69	U
SP-97-15-6	Catalog of Data	7/68	U
SP-97-15-7	Ships Operations, Measurements at Sea and Data Analysis Procedures	3/69	U
SP-97-ST-1	Summary Report of Acoustic Information	7/68	C
SP-97-ST-2	Summary Report of Geophysical Information	8/68	C
SP-97-ST-3	Catalog of Data	1/69	U

APPENDIX A

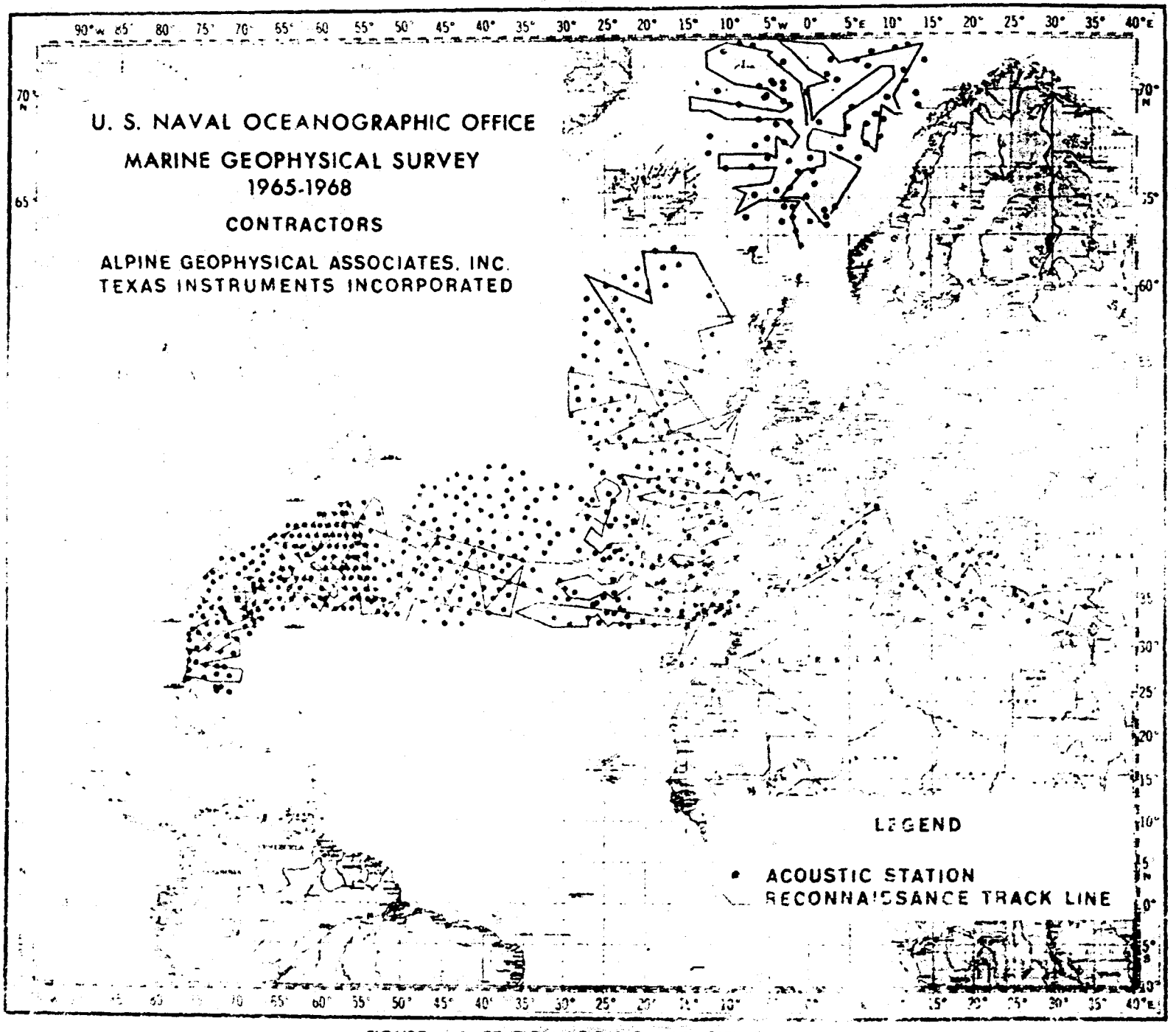

FIGURE A-1 STATION LOCATION DENSITY CHART

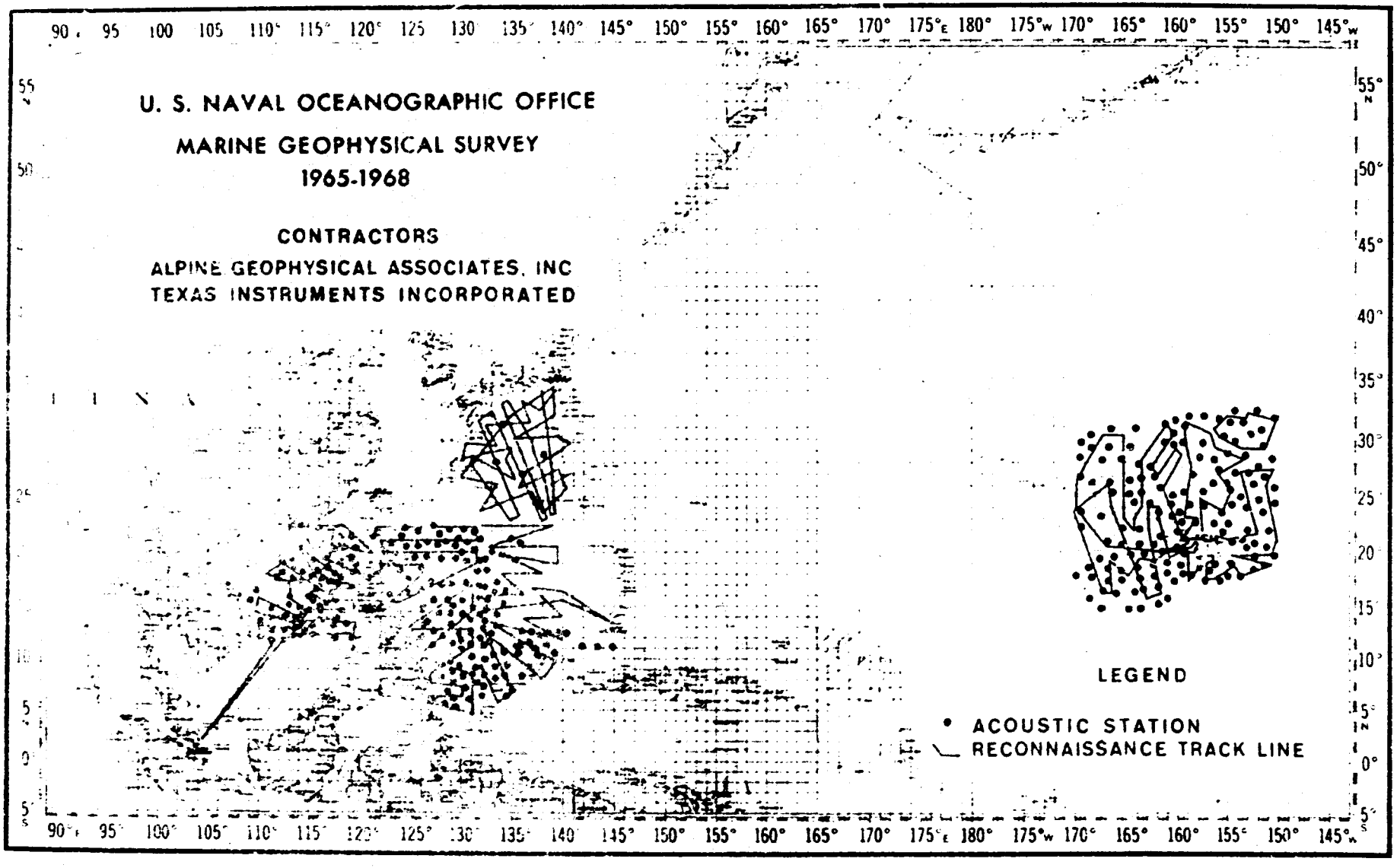

FIGURE A-2 STATION LOCATION DENSITY CHART