

INFORMAL REPORT AND INDEX OF
NAVIGATION AND DEPTH DATA
(Issued December 1989)

ROUNABOUT EXPEDITION

LEG 07

R/V Washington

Dutch Harbor, Alaska (11 September 1988)
to
Nome, Alaska (27 September 1988)

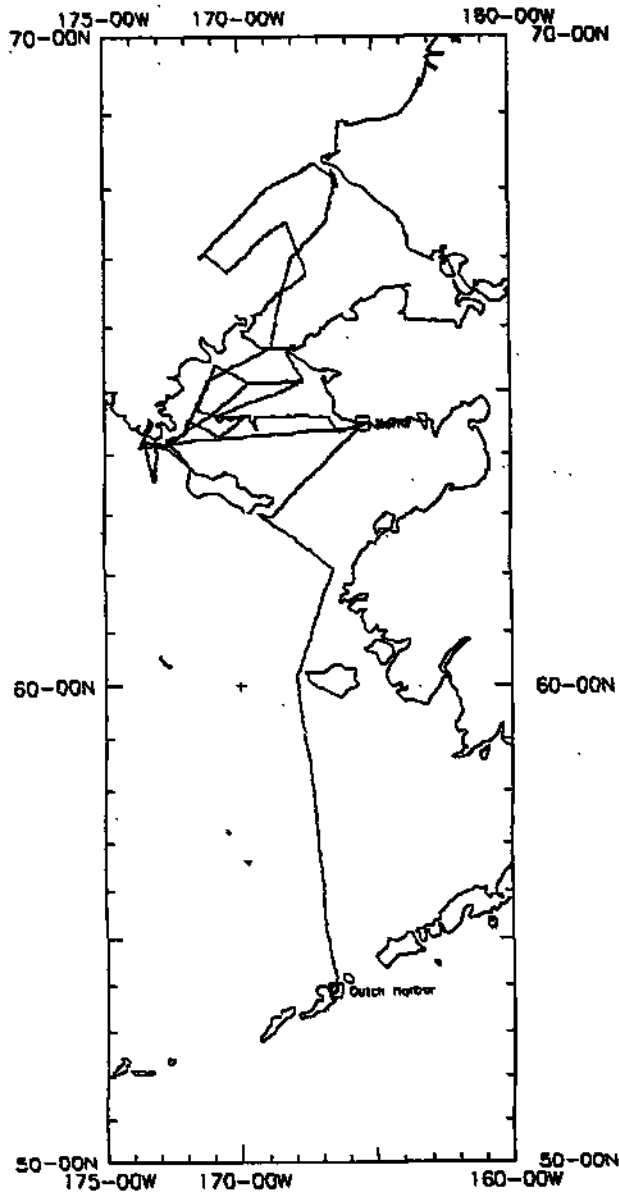
Chief Scientist - J. Goering (University of Alaska)
Resident Marine Tech - Geoff Hargreaves

Post-Cruise Processing and Report Preparation
by Geological Data Center, Scripps Institution of Oceanography

Data Collection and Processing Funded by NSF
Grant Number OCE86-16368

NOTE: This is an index of underway geophysical data edited and processed after the completion of the cruise leg and is intended primarily for informal use within the institution. This document is not to be reproduced or distributed outside Scripps without prior approval of the chief scientist or the Geological Data Center, Scripps Institution of Oceanography, La Jolla, California 92093.

GDC Cruise I.D.# 239



ROUNABOUT EXPEDITION LEG 07

CHIEF SCIENTIST: J. Goering (Univeristy of Alaska)

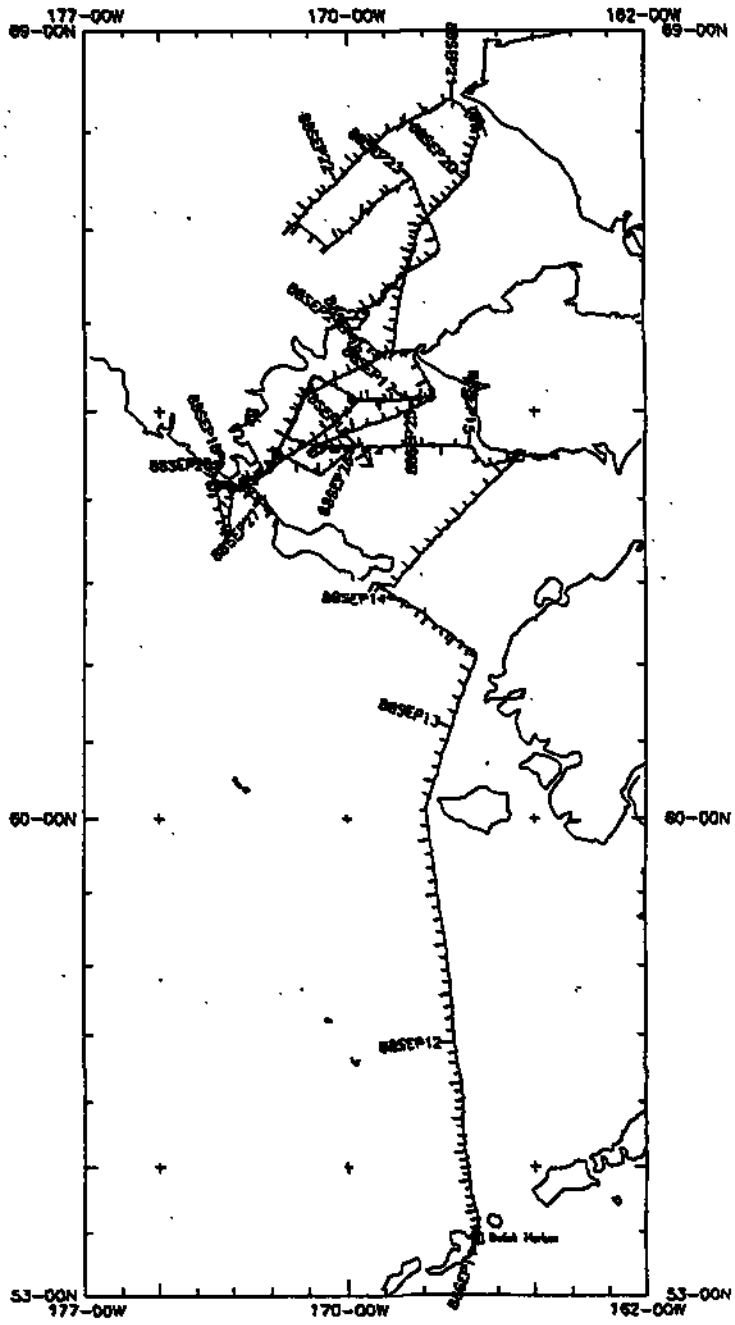
PORTS: Dutch Harbor, Nome, Alaska

DATES: 11 - 27 September 1988

SHIP: R/V T. Washington

TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

- 1) Cruise - 2870 miles
- 2) Bathymetry - none collected
- 3) Magnetics - none collected
- 4) Seismic Reflection - none collected
- 5) Gravity - collected but not processed
- 6) Sea Beam - none collected



ROUNDABOUT LEG 7
(RND807WT)

****PORTS****

0030 110988	LGPT B DUTCH HARBOR, ALASKA	53-54 N 166-32 W	FRNDB07WT
2354 270988	LGPT E NOME, ALASKA	64-30 N 165-25 W	FRNDB07WT
1730 140988	LGUS B NOME, ALASKA	64-30 N 165-25 W	FRNDB07WT
1920 140988	LGUS E NOME, ALASKA	64-30 N 165-25 W	FRNDB07WT
0030 180988	LGSS B PROVIDENIYA, USSR	64-254N 173-121W	FRNDB07WT
0800 180988	LGSS E PROVIDENIYA, USSR	64-254N 173-121W	FRNDB07WT

****PERSONNEL****

NAME	***TITLE***	***AFFILIATION***	**CRID**
PECS SIX GOERING, J.	CHIEF SCIENTIST	UNIV. OF ALASKA	RNDB07WT
PEMT SIX BERGERON, B.	NUTRIENT TECH	UNIV. OF ALASKA	RNDB07WT
PESP SIX BLACKBURN, H.	PROFESSOR	UNIV. OF AARHUS, DEN.	RNDB07WT
PECT STS CHARTERS, J.	COMPUTER TECH	SCRIPPS INSTITUTION	RNDB07WT
PEST SIX DEEGAN, D.	VOLUNTEER	UNIV. OF ALASKA	RNDB07WT
PEST SIX HANSELL, D.	GRAD STUDENT	UNIV. OF ALASKA	RNDB07WT
PERT STS HARGREAVES, G.	RESIDENT TECH	SCRIPPS INSTITUTION	RNDB07WT
PESP UWA HOLDEN, J.	MARINE TECH	U. OF WASHINGTON	RNDB07WT
PEST SIX HOLMES, G.	GRAD STUDENT	UNIV. OF ALASKA	RNDB07WT
PESP SIX KOUZINE, A.	OBSERVER USSR	LENINGRAD INSTITUTE	RNDB07W
PESP SIX MINSER, W.	PROFFESOR	UNIV. OF TENNESSEE	RNDB07W1
PEST SIX McROY, S.	GRAD STUDENT	UNIV. OF TORONTO	RNDB07WT
PEMT STS SCHMITT, J.	CTD TECH	SCRIPPS INSTITUTION	RNDB07WT
PEST SIX VINETTE, K.	GRAD STUDENT	UNIV. OF ALASKA	RNDB07WT
PEMT SIX WIEGERS, T.	TECH	UNIV. OF AARHUS, DEN.	RNDB07WT

****NOTES****

#AN 'X' IN THE (B)EGIN/(E)ND COLUMN FOLLOWING THE SAMPLE CODE INDICATES NO
 #SAMPLE OR DATA RECOVERED. A 'C' INDICATES CONTINUATION OF DATA COLLECTION
 #FROM BEFORE THE BEGINNING OR AFTER THE END OF A PARTICULAR LEG. (MOORED
 #BOTTOM INSTRUMENTS, FOR EXAMPLE.) THE NUMBER APPEARING IN THE COLUMNS
 #BETWEEN THE SAMPLE IDENTIFIER AND THE DISPOSITION CODE, FOR MANY SAMPLE
 #ENTRIES, IS THE WATER DEPTH IN CORRECTED METERS. POSITIONS ARE IN TENTHS
 #OF MINUTES.

#GMT	DDMMYY	LOC	T	SAMP	SAMPLE	DISP			CRUISE
#TIME	DATE	TIME	Z	CODE	IDENTIFIER	CODE	LAT.	LONG.	LEG-SHIP

***UNDERWAY DATA CURATOR - S. M. SMITH EXT. 42752

*** EXPLANATION OF CODES ***

- # TD** = CONDUCTIVITY, TEMPERATURE, DEPTH AND FLOROMETER UNTIL 15 SEPT 88
- # CTD'S WERE ALSO SAMPLED FOR NUTRIENTS AND CHLOROPHYL
- # ONIM = NET TOWS WERE 1METER VERT. TOWS 505MICRON MESH.
- # CO** = CORES
- # PS** = SUBMERGED PHOTOMETER
- # PH** = PLANKTON SAMPLES
- # HCNI = NISKEN CASTS

*** NOTE ***

ALL SAMPLES ARE IN CHRONOLOGICAL ORDER

*** BEGIN SHPANBERG LINE ***									
0541	130988			TD**	B SHP1 CTD	UAK	62-068N	166-326W	sRNDB07WT
0610	130988			TD**	E SHP1 CTD	UAK	62-068N	166-327W	sRNDB07WT
0615	130988			CM**	B SHP1 CURRENT METER	UAK	62-067N	166-331W	sRNDB07WT
0615	130988			CM**	E SHP1 CURRENT METER	UAK	62-067N	166-331W	sRNDB07WT
0632	130988			ON1M	B SHP1 NET TOWS	UAK	62-066N	166-334W	sRNDB07WT
0645	130988			ON1M	E SHP1 NET TOWS	UAK	62-066N	166-337W	sRNDB07WT
0656	130988			CO**	B SHP1 HAPS CORES	DMK	62-065N	166-339W	sRNDB07WT
0750	130988			CO**	E SHP1 HAPS CORES	DMK	62-064N	166-349W	sRNDB07WT
0941	130988			TD**	B SHP2 CTD	UAK	62-124N	166-514W	sRNDB07WT
1001	130988			TD**	E SHP2 CTD	UAK	62-124N	166-514W	sRNDB07WT
1012	130988			ON1M	B SHP2 NET TOWS	UAK	62-124N	166-513W	sRNDB07WT
1027	130988			ON1M	E SHP2 NET TOWS	UAK	62-125N	166-509W	sRNDB07WT
1157	130988			TD**	B SHP3 CTD	UAK	62-197N	167-098W	sRNDB07WT
1213	130988			TD**	E SHP3 CTD	UAK	62-198N	167-102W	sRNDB07WT

#GMT #TIME #	DDMMYY DATE	LOC TIME Z	T	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
1222	130988			ON1M B	SHP3 NET TOWS	UAK	62-199N	167-104W	sRNDB07WT
1225	130988			ON1M E	SHP3 NET TOWS	UAK	62-199N	167-104W	sRNDB07WT
1348	130988			TD** B	SHP4 CTD	UAK	62-254N	167-258W	sRNDB07WT
1405	130988			TD** E	SHP4 CTD	UAK	62-256N	167-263W	sRNDB07WT
1409	130988			ON1M B	SHP4 NET TOWS	UAK	62-257N	167-265W	sRNDB07WT
1415	130988			ON1M E	SHP4 NET TOWS	UAK	62-258N	167-268W	sRNDB07WT
1536	130988			TD** B	SHP5 CTD	UAK	62-312N	167-445W	sRNDB07WT
1549	130988			TD** E	SHP5 CTD	UAK	62-313N	167-447W	sRNDB07WT
1553	130988			ON1M B	SHP5 NET TOWS	UAK	62-313N	167-448W	sRNDB07WT
1604	130988			ON1M E	SHP5 NET TOWS	UAK	62-314N	167-450W	sRNDB07WT
1731	130988			TD** B	SHP6 CTD	UAK	62-375N	168-002W	sRNDB07WT
1749	130988			TD** E	SHP6 CTD	UAK	62-376N	168-007W	sRNDB07WT
1753	130988			PS** B	SHP6 LIGHT CAST	UAK	62-377N	168-008W	sRNDB07WT
1759	130988			PS** E	SHP6 LIGHT CAST	UAK	62-377N	168-009W	sRNDB07WT
1820	130988			PH** B	SHP6 PROD. CAST	UAK	62-378N	168-014W	sRNDB07WT
1836	130988			PH** E	SHP6 PROD. CAST	UAK	62-378N	168-017W	sRNDB07WT
1844	130988			CO** B	SHP6 HAPS CORES	DMK	62-379N	168-019W	sRNDB07WT
1921	130988			CO** E	SHP6 HAPS CORES	DMK	62-380N	168-026W	sRNDB07WT
1930	130988			ON1M B	SHP6 NET TOWS	UAK	62-381N	168-028W	sRNDB07WT
1950	130988			ON1M E	SHP6 NET TOWS	UAK	62-382N	168-033W	sRNDB07WT
2006	130988			PH** B	SHP6 PROD. CAST	UAK	62-382N	168-036W	sRNDB07WT
2012	130988			PH** E	SHP6 PROD. CAST	UAK	62-383N	168-038W	sRNDB07WT
2138	130988			TD** B	SHP7 CTD	UAK	62-428N	168-189W	sRNDB07WT
2158	130988			TD** E	SHP7 CTD	UAK	62-428N	168-189W	sRNDB07WT
2206	130988			ON1M B	SHP7 NET TOWS	UAK	62-427N	168-188W	sRNDB07WT
2208	130988			ON1M E	SHP7 NET TOWS	UAK	62-427N	168-187W	sRNDB07WT

#GMT #TIME	DDMMYY DATE	LOC TIME	T Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
2334	130988			TD**	B SHP8 CTD	UAK	62-489N	168-397W	sRNDB07WT
2357	130988			TD**	E SHP8 CTD	UAK	62-489N	168-396W	sRNDB07WT
0005	140988			ON1M	B SHP8 NET TOWS	UAK	62-489N	168-395W	sRNDB07WT
0008	140988			ON1M	E SHP8 NET TOWS	UAK	62-489N	168-394W	sRNDB07WT
0140	140988			TD**	B SHP9 CTD	UAK	62-552N	168-581W	sRNDB07WT
0152	140988			TD**	E SHP9 CTD	UAK	62-551N	168-583W	sRNDB07WT
0156	140988			ON1M	B SHP9 NET TOWS	UAK	62-550N	168-584W	sRNDB07WT
0218	140988			ON1M	E SHP9 NET TOWS	UAK	62-549N	168-586W	sRNDB07WT
0338	140988			TD**	B SHP10 CTD	UAK	63-007N	169-172W	sRNDB07WT
0346	140988			TD**	E SHP10 CTD	UAK	63-007N	169-174W	sRNDB07WT
0350	140988			ON1M	B SHP10 NET TOWS	UAK	63-007N	169-175W	sRNDB07WT
0353	140988			ON1M	E SHP10 NET TOWS	UAK	63-007N	169-176W	sRNDB07WT
***					END SHPANBERG LINE ***				
***					BEGIN CAPE RODNEY LINE ***				
2302	140988			TD**	B ROD1 CTD	UAK	64-370N	166-399W	sRNDB07WT
2318	140988			TD**	E ROD1 CTD	UAK	64-358N	166-398W	sRNDB07WT
2326	140988			ON1M	B ROD1 NET TOWS	UAK	64-358N	166-399W	sRNDB07WT
2335	140988			ON1M	E ROD1 NET TOWS	UAK	64-359N	166-401W	sRNDB07WT
0112	150988			TD**	B ROD2 CTD	UAK	64-368N	167-055W	sRNDB07WT
0124	150988			TD**	E ROD2 CTD	UAK	64-368N	167-056W	sRNDB07WT
0129	150988			PS**	B ROD2 LIGHT CAST	UAK	64-368N	167-056W	sRNDB07WT
0134	150988			PS**	E ROD2 LIGHT CAST	UAK	64-368N	167-056W	sRNDB07WT

#GMT #TIME #	DDMMYY DATE	LOC TIME	T Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
0140	150988			TD** B	ROD2 CTD	UAK	64-368N	167-057W	sRNDB07WT
0145	150988			TD** E	ROD2 CTD	UAK	64-368N	167-057W	sRNDB07WT
0151	150988			ON1M B	ROD2 NET TOWS	UAK	64-368N	167-058W	sRNDB07WT
0154	150988			ON1M E	ROD2 NET TOWS	UAK	64-368N	167-058W	sRNDB07WT
0205	150988			CO** B	ROD2 HAPS CORES	DMK	64-368N	167-058W	sRNDB07WT
0245	150988			CO** E	ROD2 HAPS CORES	DMK	64-368N	167-062W	sRNDB07WT
0428	150988			TD** B	ROD3 CTD	UAK	64-372N	167-349W	sRNDB07WT
0438	150988			TD** E	ROD3 CTD	UAK	64-373N	167-355W	sRNDB07WT
0443	150988			ON1M B	ROD3 NET TOWS	UAK	64-373N	167-359W	sRNDB07WT
0457	150988			ON1M E	ROD3 NET TOWS	UAK	64-374N	167-367W	sRNDB07WT
0606	150988			TD** B	ROD4 CTD	UAK	64-366N	167-598W	sRNDB07WT
0617	150988			TD** E	ROD4 CTD	UAK	64-366N	168-002W	sRNDB07WT
0623	150988			ON1M B	ROD4 NET TOWS	UAK	64-366N	168-004W	sRNDB07WT
0644	150988			ON1M E	ROD4 NET TOWS	UAK	64-366N	168-010W	sRNDB07WT
0753	150988			TD** B	ROD5 CTD	UAK	64-372N	168-175W	sRNDB07WT
0803	150988			TD** E	ROD5 CTD	UAK	64-372N	168-174W	sRNDB07WT
0808	150988			ON1M B	ROD5 NET TOWS	UAK	64-371N	168-174W	sRNDB07WT
0845	150988			ON1M E	ROD5 NET TOWS	UAK	64-373N	168-169W	sRNDB07WT
1002	150988			TD** B	ROD6 CTD	UAK	64-369N	168-403W	sRNDB07WT
1020	150988			TD** E	ROD6 CTD	UAK	64-370N	168-401W	sRNDB07WT
1032	150988			ON1M B	ROD6 NET TOWS	UAK	64-371N	168-396W	sRNDB07WT
1034	150988			ON1M E	ROD6 NET TOWS	UAK	64-371N	168-396W	sRNDB07WT
1151	150988			TD** B	ROD7 CTD	UAK	64-371N	169-021W	sRNDB07WT
1207	150988			TD** E	ROD7 CTD	UAK	64-371N	169-020W	sRNDB07WT
1214	150988			ON1M B	ROD7 NET TOWS	UAK	64-371N	169-019W	sRNDB07WT
1238	150988			ON1M E	ROD7 NET TOWS	UAK	64-372N	169-019W	sRNDB07WT

#GMT #TIME	DDMMYY DATE	LOC TIME	T Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
1355	150988			TD** B	ROD8 CTD	UAK	64-371N	169-244W	sRNDB07WT
1413	150988			TD** E	ROD8 CTD	UAK	64-368N	169-242W	sRNDB07WT
1416	150988			ON1M B	ROD8 NET TOWS	UAK	64-366N	169-233W	sRNDB07WT
1426	150988			ON1M E	ROD8 NET TOWS	UAK	64-364N	169-237W	sRNDB07WT
1614	150988			ON1M B	JG1 NET TOWS	UAK	64-231N	169-207W	sRNDB07WT
1633	150988			ON1M E	JG1 NET TOWS	UAK	64-232N	169-208W	sRNDB07WT
1640	150988			CO** B	JG1 HAPS CORES	DMK	64-230N	169-209W	sRNDB07WT
1746	150988			CO** E	JG1 HAPS CORES	DMK	64-230N	169-202W	sRNDB07WT
1748	150988			GBGS B	JG1 VAN VEEN GRABS	UAK	64-230N	169-202W	sRNDB07WT
1807	150988			GBGS E	JG1 VAN VEEN GRABS	UAK	64-230N	169-202W	sRNDB07WT
1817	150988			TD** B	JG1 CTD	UAK	64-230N	169-202W	sRNDB07WT
1825	150988			TD** E	JG1 CTD	UAK	64-231N	169-202W	sRNDB07WT
2130	150988			TD** B	ROD9 CTD	UAK	64-372N	169-362W	sRNDB07WT
2111	150988			TD** E	ROD9 CTD	UAK	64-374N	169-363W	sRNDB07WT
2220	150988			ON1M B	ROD9 NET TOWS	UAK	64-375N	169-364W	sRNDB07WT
2238	150988			ON1M E	ROD9 NET TOWS	UAK	64-376N	169-365W	sRNDB07WT
2343	150988			ON1M B	ROD10 NET TOWS	UAK	64-375N	169-467W	sRNDB07WT
0003	160988			ON1M E	ROD10 NET TOWS	UAK	64-375N	169-465W	sRNDB07WT
0023	160988			TD** B	ROD10 CTD	UAK	64-379N	169-461W	sRNDB07WT
0040	160988			TD** E	ROD10 CTD	UAK	64-379N	169-458W	sRNDB07WT
0245	160988			TD** B	ROD11 CTD	UAK	64-371N	170-088W	sRNDB07WT
0300	160988			TD** E	ROD11 CTD	UAK	64-369N	170-082W	sRNDB07WT
0310	160988			ON1M B	ROD11 NET TOWS	UAK	64-368N	170-080W	sRNDB07WT
0312	160988			ON1M E	ROD11 NET TOWS	UAK	64-367N	170-080W	sRNDB07WT
0527	160988			TD** B	ROD12 CTD	UAK	64-372N	170-299W	sRNDB07WT
0543	160988			TD** E	ROD12 CTD	UAK	64-371N	170-299W	sRNDB07WT
0807	160988			TD** B	ROD13 CTD	UAK	64-371N	170-504W	sRNDB07WT
0828	160988			TD** E	ROD13 CTD	UAK	64-371N	170-502W	sRNDB07WT

END CAPE RODNEY LINE

#GMT #TIME	DDMMYY DATE	LOC TIME	T Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
#*** BEGIN KING ISLAND LINE ***									
1758	160988			TD**	B KNG1 CTD	UAK	65-096N	167-379W	sRNDB07WT
1810	160988			TD**	E KNG1 CTD	UAK	65-097N	167-379W	sRNDB07WT
1832	160988			ON1M	B KNG1 NET TOWS	UAK	65-100N	167-377W	sRNDB07WT
1837	160988			ON1M	E KNG1 NET TOWS	UAK	65-100N	167-377W	sRNDB07WT
2003	160988			ON1M	B KNG2 NET TOWS	UAK	65-090N	168-043W	sRNDB07WT
2035	160988			ON1M	E KNG2 NET TOWS	UAK	65-093N	168-042W	sRNDB07WT
2104	160988			TD**	B KNG2 CTD	UAK	65-095N	168-051W	sRNDB07WT
2154	160988			TD**	E KNG2 CTD	UAK	65-102N	168-047W	sRNDB07WT
2323	160988			TD**	B KNG3 CTD	UAK	65-089N	168-322W	sRNDB07WT
2345	160988			TD**	E KNG3 CTD	UAK	65-089N	168-325W	sRNDB07WT
2358	160988			ON1M	B KNG3 NET TOWS	UAK	65-089N	168-326W	sRNDB07WT
0010	170988			ON1M	E KNG3 NET TOWS	UAK	65-089N	168-327W	sRNDB07WT
0026	170988			CO**	B KNG3 HAPS CORES	DMK	65-089N	168-328W	sRNDB07WT
0046	170988			CO**	E KNG3 HAPS CORES	DMK	65-089N	168-330W	sRNDB07WT
0221	170988			ON1M	B KNG4 NET TOWS	UAK	65-091N	168-556W	sRNDB07WT
0250	170988			ON1M	E KNG4 NET TOWS	UAK	65-092N	168-558W	sRNDB07WT
0301	170988			TD**	B KNG4 CTD	UAK	65-092N	168-558W	sRNDB07WT
0318	170988			TD**	E KNG4 CTD	UAK	65-093N	168-560W	sRNDB07WT
0433	170988			TD**	B KNG5 CTD	UAK	65-090N	169-160W	sRNDB07WT
0445	170988			TD**	E KNG5 CTD	UAK	65-090N	169-159W	sRNDB07WT
0453	170988			ON1M	B KNG5 NET TOWS	UAK	65-091N	169-159W	sRNDB07WT
0518	170988			ON1M	E KNG5 NET TOWS	UAK	65-091N	169-159W	sRNDB07WT
0523	170988			CO**	B KNG5 HAPS CORES	DMK	65-091N	169-160W	sRNDB07WT
0546	170988			CO**	E KNG5 HAPS CORES	DMK	65-091N	169-159W	sRNDB07WT
0728	170988			ON1M	B KNG6 NET TOWS	UAK	65-091N	169-402W	sRNDB07WT
0751	170988			ON1M	E KNG6 NET TOWS	UAK	65-091N	169-402W	sRNDB07WT
0802	170988			TD**	B KNG6 CTD	UAK	65-091N	169-402W	sRNDB07WT
0814	170988			TD**	E KNG6 CTD	UAK	65-090N	169-401W	sRNDB07WT
#*** END KING ISLAND LINE ***									

#GMT #TIME	DDMMYY DATE	LOC TIME	T Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
2237	160988			TD**	B KNG/ROD CTD	UAK	64-274N	171-309W	sRNDB07WT
2312	160988			TD**	E KNG/ROD CTD	UAK	65-019N	168-314W	sRNDB07WT

BEGIN POINT HOPE LINE ***									
2335	200988			TD**	B PTH1 CTD	UAK	68-201N	167-123W	sRNDB07WT
2357	200988			TD**	E PTH1 CTD	UAK	68-201N	167-114W	sRNDB07WT
0015	210988			HCNI	B PTH1 NISKEN CAST	USR	68-199N	167-085W	sRNDB07WT
0023	210988			HCNI	E PTH1 NISKEN CAST	USR	68-201N	167-081W	sRNDB07WT
0145	210988			TD**	B PTH2 CTD	UAK	68-166N	167-324W	sRNDB07WT
0202	210988			TD**	E PTH2 CTD	UAK	68-164N	167-316W	sRNDB07WT
0322	210988			TD**	B PTH3 CTD	UAK	68-122N	167-530W	sRNDB07WT
0338	210988			TD**	E PTH3 CTD	UAK	68-117N	167-520W	sRNDB07WT
47	210988			TD**	B PTH4 CTD	UAK	68-078N	168-130W	sRNDB07WT
0606	210988			TD**	E PTH4 CTD	UAK	68-080N	168-130W	sRNDB07WT
0840	210988			TD**	B PTH5 CTD	UAK	68-040N	168-339W	sRNDB07WT
0859	210988			TD**	E PTH5 CTD	UAK	68-041N	168-340W	sRNDB07WT
1108	210988			TD**	B PTH6 CTD	UAK	68-001N	168-552W	sRNDB07WT
1130	210988			TD**	E PTH6 CTD	UAK	68-001N	168-552W	sRNDB07WT
1145	210988			HCNI	B PTH6 NISKEN CAST	USR	68-001N	168-553W	sRNDB07WT
1150	210988			HCNI	E PTH6 NISKEN CAST	USR	68-001N	168-553W	sRNDB07WT
1156	210988			CO**	B PTH6 HAPS CORES	DMK	68-001N	168-553W	sRNDB07WT
1225	210988			CO**	E PTH6 HAPS CORES	DMK	68-001N	168-553W	sRNDB07WT
1237	210988			ON1M	B PTH6 NET TOWS	UAK	68-001N	168-553W	sRNDB07WT
1306	210988			ON1M	E PTH6 NET TOWS	UAK	68-001N	168-553W	sRNDB07WT
1426	210988			ON1M	B PTH7 NET TOWS	UAK	67-546N	169-106W	sRNDB07WT
1500	210988			ON1M	E PTH7 NET TOWS	UAK	67-546N	169-079W	sRNDB07WT
1522	210988			TD**	B PTH7 CTD	UAK	67-547N	169-081W	sRNDB07WT
1542	210988			TD**	E PTH7 CTD	UAK	67-549N	169-076W	sRNDB07WT
1655	210988			TD**	B PTH8 CTD	UAK	67-485N	169-260W	sRNDB07WT
1718	210988			TD**	E PTH8 CTD	UAK	67-486N	169-261W	sRNDB07WT
1823	210988			TD**	B PTH9 CTD	UAK	67-430N	169-421W	sRNDB07WT
1853	210988			TD**	E PTH9 CTD	UAK	67-433N	169-420W	sRNDB07WT

#GMT #TIME	DDMMYY DATE	LOC TIME	T Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
1905	210988			ON1M	B PTH9 NET TOWS	UAK	67-433N	169-420W	sRNDB07WT
1935	210988			ON1M	E PTH9 NET TOWS	UAK	67-431N	169-420W	sRNDB07WT
2055	210988			TD**	B PTH10 CTD	UAK	67-361N	169-591W	sRNDB07WT
2110	210988			TD**	E PTH10 CTD	UAK	67-361N	169-591W	sRNDB07WT
2125	210988			PH**	B PTH10 PROD. CAST	UAK	67-361N	169-591W	sRNDB07WT
2133	210988			PH**	E PTH10 PROD. CAST	UAK	67-361N	169-591W	sRNDB07WT
2140	210988			CO**	B PTH10 HAPS CORES	DMK	67-361N	169-591W	sRNDB07WT
2228	210988			CO**	E PTH10 HAPS CORES	DMK	67-361N	169-591W	sRNDB07WT
2352	210988			TD**	B PTH11 CTD	UAK	67-289N	170-151W	sRNDB07WT
0008	220988			TD**	E PTH11 CTD	UAK	67-288N	170-150W	sRNDB07WT
0011	220988			HCNI	B PTH11 NISKEN CAST	USR	67-288N	170-150W	sRNDB07WT
0016	220988			HCNI	E PTH11 NISKEN CAST	USR	67-288N	170-151W	sRNDB07WT
0112	220988			TD**	B PTH12 CTD	UAK	67-225N	170-297W	sRNDB07WT
0124	220988			TD**	E PTH12 CTD	UAK	67-225N	170-297W	sRNDB07WT
0133	220988			TD**	B PTH12 CTD	UAK	67-224N	170-296W	sRNDB07WT
0138	220988			TD**	E PTH12 CTD	UAK	67-223N	170-296W	sRNDB07WT
0236	220988			TD**	B PTH13 CTD	UAK	67-169N	170-474W	sRNDB07WT
0248	220988			TD**	E PTH13 CTD	UAK	67-169N	170-472W	sRNDB07WT
0255	220988			ON1M	B PTH13 NET TOWS	UAK	67-169N	170-471W	sRNDB07WT
0315	220988			ON1M	E PTH13 NET TOWS	UAK	67-170N	170-470W	sRNDB07WT
0415	220988			TD**	B PTH14 CTD	UAK	67-098N	171-023W	sRNDB07WT
0426	220988			TD**	E PTH14 CTD	UAK	67-098N	171-023W	sRNDB07WT
0521	220988			TD**	B PTH15 CTD	UAK	67-040N	171-171W	sRNDB07WT
0538	220988			TD**	E PTH15 CTD	UAK	67-040N	171-171W	sRNDB07WT
0624	220988			TD**	B PTH16 CTD	UAK	67-007N	171-307W	sRNDB07WT
0637	220988			TD**	E PTH16 CTD	UAK	67-007N	171-310W	sRNDB07WT
0640	220988			ON1M	B PTH16 NET TOWS	UAK	67-008N	171-300W	sRNDB07WT
0704	220988			ON1M	E PTH16 NET TOWS	UAK	67-010N	171-304W	sRNDB07WT
0705	220988			HCNI	B PTH16 NISKEN CAST	USR	67-008N	171-304W	sRNDB07WT
0710	220988			HCNI	E PTH16 NISKEN CAST	USR	67-008N	171-304W	sRNDB07WT

#***

END POINT HOPE LINE

#GMT #TIME	DDMMYY DATE	LOC TIME	T Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP

BEGIN CAPE THOMPSON LINE ***									
1022	220988			ONIM B	TOM14 NET TOWS	UAK	66-480N	170-280W	sRNDB07WT
1044	220988			ONIM E	TOM14 NET TOWS	UAK	66-484N	170-289W	sRNDB07WT
1026	220988			HCNI B	TOM14 NISKEN CAST	USR	66-482N	170-283W	sRNDB07WT
1030	220988			HCNI E	TOM14 NISKEN CAST	USR	66-482N	170-285W	sRNDB07WT
1057	220988			TD** B	TOM14 CTD	UAK	66-486N	170-294W	sRNDB07WT
1111	220988			TD** E	TOM14 CTD	UAK	66-489N	170-300W	sRNDB07WT
1212	220988			TD** B	TOM13 CTD	UAK	66-542N	170-114W	sRNDB07WT
1231	220988			TD** E	TOM13 CTD	UAK	66-544N	170-120W	sRNDB07WT
1337	220988			TD** B	TOM12 CTD	UAK	67-016N	169-530W	sRNDB07WT
1350	220988			TD** E	TOM12 CTD	UAK	67-017N	169-531W	sRNDB07WT
1404	220988			ONIM B	TOM12 NET TOWS	UAK	67-017N	169-535W	sRNDB07WT
1428	220988			ONIM E	TOM12 NET TOWS	UAK	67-019N	169-544W	sRNDB07WT
1557	220988			CO** B	TOM11 HAPS CORES	DMK	67-086N	169-331W	sRNDB07WT
1638	220988			CO** E	TOM11 HAPS CORES	DMK	67-090N	169-334W	sRNDB07WT
1534	220988			TD** B	TOM11 CTD	UAK	67-083N	169-334W	sRNDB07WT
1801	220988			TD** E	TOM11 CTD	UAK	67-087N	169-336W	sRNDB07WT
1908	220988			TD** B	TOM10 CTD	UAK	67-151N	169-141W	sRNDB07WT
1926	220988			TD** E	TOM10 CTD	UAK	67-151N	169-141W	sRNDB07WT
1933	220988			ONIM B	TOM10 NET TOWS	UAK	67-152N	169-141W	sRNDB07WT
2000	220988			ONIM E	TOM10 NET TOWS	UAK	67-150N	169-141W	sRNDB07WT
2120	220988			TD** B	TOM9 CTD	UAK	67-221N	168-551W	sRNDB07WT
2133	220988			TD** E	TOM9 CTD	UAK	67-221N	168-551W	sRNDB07WT
2136	220988			HCNI B	TOM9 NISKEN CAST	USR	67-221N	168-551W	sRNDB07WT
2143	220988			HCNI E	TOM9 NISKEN CAST	USR	67-221N	168-551W	sRNDB07WT
2249	220988			TD** B	TOM8 CTD	UAK	67-270N	168-350W	sRNDB07WT
2302	220988			TD** E	TOM8 CTD	UAK	67-271N	168-351W	sRNDB07WT
0000	230988			TD** B	TOM7 CTD	UAK	67-319N	168-150W	sRNDB07WT
0013	230988			TD** E	TOM7 CTD	UAK	67-321N	168-149W	sRNDB07WT

END CAPE THOMPSON LINE

#GMT #TIME #	DDMMYY DATE	LOC TIME Z	T Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
#*** BEGIN KIVALINA LINE ***									
0445	230988			TD**	B KIV7 CTD	UAK	66-462N	167-321W	sRNDB07WT
0456	230988			TD**	E KIV7 CTD	UAK	66-463N	167-322W	sRNDB07WT
0459	230988			CO**	B KIV7 HAPS CORES	DMK	66-464N	167-322W	sRNDB07WT
0512	230988			CO**	E KIV7 HAPS CORES	DMK	66-466N	167-321W	sRNDB07WT
0628	230988			TD**	B KIV8 CTD	UAK	66-390N	167-549W	sRNDB07WT
0636	230988			TD**	E KIV8 CTD	UAK	66-391N	167-549W	sRNDB07WT
0641	230988			HCNI	B KIV8 NISKEN CAST	USR	66-391N	167-549W	sRNDB07WT
0647	230988			HCNI	E KIV8 NISKEN CAST	USR	66-391N	167-550W	sRNDB07WT
0734	230988			TD**	B KIV9 CTD	UAK	66-351N	168-121W	sRNDB07WT
0749	230988			TD**	E KIV9 CTD	UAK	66-351N	168-120W	sRNDB07WT
0845	230988			TD**	B KIV10 CTD	UAK	66-311N	168-291W	sRNDB07WT
0902	230988			TD**	E KIV10 CTD	UAK	66-302N	168-291W	sRNDB07WT
0959	230988			TD**	B KIV11 CTD	UAK	66-259N	168-411W	sRNDB07WT
1020	230988			TD**	E KIV11 CTD	UAK	66-260N	168-411W	sRNDB07WT
1114	230988			TD**	B KIV12 CTD	UAK	66-205N	168-565W	sRNDB07WT
1139	230988			TD**	E KIV12 CTD	UAK	66-208N	168-565W	sRNDB07WT
1150	230988			HCNI	B KIV12 NISKEN CAST	USR	66-210N	168-569W	sRNDB07WT
1157	230988			HCNI	E KIV12 NISKEN CAST	USR	66-211N	168-572W	sRNDB07WT
1336	230988			TD**	B KIV13 CTD	UAK	66-159N	169-053W	sRNDB07WT
1355	230988			TD**	E KIV13 CTD	UAK	66-160N	169-057W	sRNDB07WT
1413	230988			ON1M	B KIV13 NET TOWS	UAK	66-160N	169-061W	sRNDB07WT
1440	230988			ON1M	E KIV13 NET TOWS	UAK	66-160N	169-066W	sRNDB07WT
1443	230988			CO**	B KIV13 HAPS CORES	DMK	66-160N	169-066W	sRNDB07WT
1510	230988			CO**	E KIV13 HAPS CORES	DMK	66-159N	169-067W	sRNDB07WT
1705	230988			HCNI	B KIV14 NISKEN CAST	USR	66-106N	169-315W	sRNDB07WT
1710	230988			HCNI	E KIV14 NISKEN CAST	USR	66-106N	169-316W	sRNDB07WT
1650	230988			ON1M	B KIV14 NET TOWS	UAK	66-105N	169-313W	sRNDB07WT
1720	230988			ON1M	E KIV14 NET TOWS	UAK	66-107N	169-319W	sRNDB07WT
1801	230988			TD**	B KIV14 CTD	UAK	66-111N	169-312W	sRNDB07WT
1849	230988			TD**	E KIV14 CTD	UAK	66-110N	169-311W	sRNDB07WT
#*** END KIVALINE LINE ***									

#GMT #TIME	DDMMYY DATE	LOC TIME	T Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP

****	BEGIN BERING STRAIT LINE ***								
2308	230988			TD**	B BST12 CTD	UAK	65-558N	169-565W	sRNDBO7WT
2322	230988			TD**	E BST12 CTD	UAK	65-558N	169-567W	sRNDBO7WT
0108	240988			TD**	B BST11 CTD	UAK	65-517N	169-471W	sRNDBO7WT
0120	240988			TD**	E BST11 CTD	UAK	65-517N	169-472W	sRNDBO7WT
0125	240988			CO**	B BST11 HAPS CORES	DMK	65-517N	169-473W	sRNDBO7WT
0135	240988			CO**	E BST11 HAPS CORES	DMK	65-517N	169-473W	sRNDBO7WT
0123	240988			ON1M	B BST11 NET TOWS	DMK	65-517N	169-472W	sRNDBO7WT
0148	240988			ON1M	E BST11 NET TOWS	DMK	65-517N	169-475W	sRNDBO7WT
0154	240988			CM**	B BST11 CURRENT METER	UAK	65-517N	169-475W	sRNDBO7WT
0210	240988			CM**	E BST11 CURRENT METER	UAK	65-517N	169-476W	sRNDBO7WT
0308	240988			TD**	B BST10 CTD	UAK	65-487N	169-349W	sRNDBO7WT
0318	240988			TD**	E BST10 CTD	UAK	65-486N	169-346W	sRNDBO7WT
0358	240988			TD**	B BST9 CTD	UAK	65-459N	169-267W	sRNDBO7WT
0410	240988			TD**	E BST9 CTD	UAK	65-458N	169-267W	sRNDBO7WT
0419	240988			ON1M	B BST9 NET TOWS	UAK	65-458N	169-267W	sRNDBO7WT
0440	240988			ON1M	E BST9 NET TOWS	UAK	65-457N	169-267W	sRNDBO7WT
0444	240988			CM**	B BST9 CURRENT METER	UAK	65-457N	169-267W	sRNDBO7WT
0508	240988			CM**	E BST9 CURRENT METER	UAK	65-466N	169-277W	sRNDBO7WT
0610	240988			TD**	B BST8 CTD	UAK	65-430N	169-191W	sRNDBO7WT
0621	240988			TD**	E BST8 CTD	UAK	65-430N	169-191W	sRNDBO7WT
0717	240988			TD**	B BST7 CTD	UAK	65-400N	169-090W	sRNDBO7WT
0728	240988			TD**	E BST7 CTD	UAK	65-400N	169-091W	sRNDBO7WT
0745	240988			ON1M	B BST7 NET TOWS	UAK	65-400N	169-090W	sRNDBO7WT
0808	240988			ON1M	E BST7 NET TOWS	UAK	65-400N	169-091W	sRNDBO7WT
0811	240988			CM**	B BST7 CURRENT METER	UAK	65-400N	169-091W	sRNDBO7WT
0825	240988			CM**	E BST7 CURRENT METER	UAK	65-401N	169-090W	sRNDBO7WT

#GMT #TIME	DDMMYY DATE	LOC TIME	T Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
0919	240988			TD**	B BST6 CTD	UAK	65-399N	168-560W	sRNDB07WT
0934	240988			TD**	E BST6 CTD	UAK	65-400N	168-560W	sRNDB07WT
0940	240988			HCNI	B BST6 NISKEN CAST	USR	65-400N	168-560W	sRNDB07WT
0944	240988			HCNI	E BST6 NISKEN CAST	USR	65-399N	168-560W	sRNDB07WT
1026	240988			TD**	B BST5 CTD	UAK	65-401N	168-450W	sRNDB07WT
1047	240988			TD**	E BST5 CTD	UAK	65-401N	168-449W	sRNDB07WT
1100	240988			ON1M	B BST5 NET TOWS	UAK	65-400N	168-451W	sRNDB07WT
1120	240988			ON1M	E BST5 NET TOWS	UAK	65-400N	168-451W	sRNDB07WT
1125	240988			CM**	B BST5 CURRENT METER	UAK	65-400N	168-450W	sRNDB07WT
1151	240988			CM**	E BST5 CURRENT METER	UAK	65-401N	168-451W	sRNDB07WT
1252	240988			TD**	B BST4 CTD	UAK	65-400N	168-351W	sRNDB07WT
1306	240988			TD**	E BST4 CTD	UAK	65-399N	168-351W	sRNDB07WT
1346	240988			TD**	B BST3 CTD	UAK	65-400N	168-249W	sRNDB07WT
1400	240988			TD**	E BST3 CTD	UAK	65-401N	168-249W	sRNDB07WT
1415	240988			ON1M	B BST3 NET TOWS	UAK	65-401N	168-250W	sRNDB07WT
1438	240988			ON1M	E BST3 NET TOWS	UAK	65-401N	168-251W	sRNDB07WT
1444	240988			CM**	B BST3 CURRENT METER	UAK	65-401N	168-251W	sRNDB07WT
1505	240988			CM**	E BST3 CURRENT METER	UAK	65-401N	168-250W	sRNDB07WT
1555	240988			TD**	B BST2 CTD	UAK	65-400N	168-181W	sRNDB07WT
1611	240988			TD**	E BST2 CTD	UAK	65-400N	168-183W	sRNDB07WT
1643	240988			TD**	B BST1 CTD	UAK	65-401N	168-110W	sRNDB07WT
1653	240988			TD**	E BST1 CTD	UAK	65-400N	168-111W	sRNDB07WT
1710	240988			ON1M	B BST1 NET TOWS	UAK	65-401N	168-111W	sRNDB07WT
1729	240988			ON1M	E BST1 NET TOWS	UAK	65-400N	168-110W	sRNDB07WT
1732	240988			CM**	B BST1 CURRENT METER	UAK	65-401N	168-110W	sRNDB07WT
1744	240988			CM**	E BST1 CURRENT METER	UAK	65-400N	168-110W	sRNDB07WT
***					END BERING STRAIT LINE ***				

#GMT #TIME	DDMMYY DATE	LOC TIME	T Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
***** BEGIN KING ISLAND LINE *****									
2111	240988			TD**	B KNG1 CTD	UAK	65-091N	167-360W	sRNDB07WT
2120	240988			TD**	E KNG1 CTD	UAK	65-090N	167-360W	sRNDB07WT
2122	240988			CO**	B KNG1 HAPS CORES	DMK	65-090N	167-360W	sRNDB07WT
2145	240988			CO**	E KNG1 HAPS CORES	DMK	65-090N	167-361W	sRNDB07WT
2249	240988			TD**	B KNG2 CTD	UAK	65-090N	168-039W	sRNDB07WT
2300	240988			TD**	E KNG2 CTD	UAK	65-090N	168-039W	sRNDB07WT
2308	240988			PH**	B KNG2 PROD. CAST	UAK	65-090N	168-039W	sRNDB07WT
2314	240988			PH**	E KNG2 PROD. CAST	UAK	65-091N	168-040W	sRNDB07WT
0032	250988			TD**	B KNG3 CTD	UAK	65-090N	168-320W	sRNDB07WT
0045	250988			TD**	E KNG3 CTD	UAK	65-090N	168-320W	sRNDB07WT
0050	250988			HCNI	B KNG3 NISKIN CAST	UAK	65-089N	168-315W	sRNDB07WT
0054	250988			HCNI	E KNG3 NISKIN CAST	UAK	65-088N	168-315W	sRNDB07WT
0158	250988			TD**	B KNG4 CTD	UAK	65-091N	168-565W	sRNDB07WT
0215	250988			TD**	E KNG4 CTD	UAK	65-091N	168-566W	sRNDB07WT
0315	250988			TD**	B KNG5 CTD	UAK	65-089N	169-164W	sRNDB07WT
0332	250988			TD**	E KNG5 CTD	UAK	65-088N	169-163W	sRNDB07WT
0440	250988			TD**	B KNG6 CTD	UAK	65-093N	169-396W	sRNDB07WT
0455	250988			TD**	E KNG6 CTD	UAK	65-091N	169-397W	sRNDB07WT
0506	250988			ON1M	B KNG6 NET TOWS	UAK	65-089N	169-395W	sRNDB07WT
0525	250988			ON1M	E KNG6 NET TOWS	UAK	65-087N	169-393W	sRNDB07WT
0625	250988			TD**	B KNG7 CTD	UAK	65-130N	169-580W	sRNDB07WT
0637	250988			TD**	E KNG7 CTD	UAK	65-130N	169-580W	sRNDB07WT

#GMT #TIME #	DDMMYY DATE	LOC T TIME Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
0641	250988		CO** B	KNG7 HAPS CORES	DMK	65-129N	169-581W	sRNDB07WT
0658	250988		CO** E	KNG7 HAPS CORES	DMK	65-130N	169-581W	sRNDB07WT
0800	250988		TD** B	KNG8 CTD	UAK	65-173N	170-166W	sRNDB07WT
0812	250988		TD** E	KNG8 CTD	UAK	65-172N	170-166W	sRNDB07WT
0826	250988		ON1M B	KNG8 NET TOWS	UAK	65-173N	170-166W	sRNDB07WT
0849	250988		ON1M E	KNG8 NET TOWS	UAK	65-173N	170-166W	sRNDB07WT
0948	250988		TD** B	KNG9 CTD	UAK	65-210N	170-341W	sRNDB07WT
1003	250988		TD** E	KNG9 CTD	UAK	65-209N	170-342W	sRNDB07WT
1010	250988		HCNI B	KNG9 NISKEN CAST	USR	65-209N	170-343W	sRNDB07WT
1014	250988		HCNI E	KNG9 NISKEN CAST	USR	65-208N	170-343W	sRNDB07WT
1111	250988		TD** B	KNG10 CTD	UAK	65-250N	170-520W	sRNDB07WT
1122	250988		TD** E	KNG10 CTD	UAK	65-251N	170-520W	sRNDB07WT
1136	250988		ON1M B	KNG10 NET TOWS	UAK	65-250N	170-520W	sRNDB07
1153	250988		ON1M E	KNG10 NET TOWS	UAK	65-249N	170-519W	sRNDB07WT
****				END KING ISLAND LINE				
****				BEGIN CAPE RODNEY LINE ***				
1602	250988		ON1M B	ROD15 NET TOWS	UAK	64-441N	171-339W	sRNDB07WT
1627	250988		ON1M E	ROD15 NET TOWS	UAK	64-439N	171-340W	sRNDB07WT
1638	250988		TD** B	ROD15 CTD	UAK	64-439N	171-340W	sRNDB07WT
1652	250988		TD** E	ROD15 CTD	UAK	64-439N	171-340W	sRNDB07WT
1803	250988		TD** B	ROD14 CTD	UAK	64-401N	171-131W	sRNDB07WT
1820	250988		TD** E	ROD14 CTD	UAK	64-401N	171-131W	sRNDB07WT
1831	250988		PH** B	ROD14 PROD. CAST	UAK	64-402N	171-132W	sRNDB07WT
1837	250988		PH** E	ROD14 PROD. CAST	UAK	64-402N	171-131W	sRNDB07WT

#GMT	DDMMYY	LOC	T	SAMP	SAMPLE	DISP	LAT.	LONG.	CRUISE
#TIME	DATE	TIME	Z	CODE	IDENTIFIER	CODE			LEG-SHIP
1855	250988			CO**	B ROD14 HAPS CORES	DMK	64-404N	171-132W	sRNDB07WT
1906	250988			CO**	E ROD14 HAPS CORES	DMK	64-405N	171-131W	sRNDB07WT
1848	250988			ON1M	B ROD14 NET TOWS	UAK	64-403N	171-132W	sRNDB07WT
1907	250988			ON1M	E ROD14 NET TOWS	UAK	64-405N	171-132W	sRNDB07WT
2008	250988			TD**	B ROD13 CTD	UAK	64-371N	170-520W	sRNDB07WT
2020	250988			TD**	E ROD13 CTD	UAK	64-370N	170-519W	sRNDB07WT
2123	250988			TD**	B ROD12 CTD	UAK	64-370N	170-299W	sRNDB07WT
2140	250988			TD**	E ROD12 CTD	UAK	64-369N	170-299W	sRNDB07WT
2242	250988			TD**	B ROD11 CTD	UAK	64-369N	170-079W	sRNDB07WT
2256	250988			TD**	E ROD11 CTD	UAK	64-369N	170-078W	sRNDB07WT
0000	260988			TD**	B ROD10 CTD	UAK	64-370N	169-465W	sRNDB07WT
0013	260988			TD**	E ROD10 CTD	UAK	64-372N	169-463W	sRNDB07WT

END CAPE RODNEY LINE									

BEGIN MYS CHAPLINA LINE ***									
0319	260988			TD**	B CHP1 CTD CAST	UAK	64-173N	170-445W	sRNDB07WT
0328	260988			TD**	E CHP1 CTD	UAK	64-173N	170-444W	sRNDB07WT
0339	260988			ON1M	B CHP1 NET TOWS	UAK	64-174N	170-444W	sRNDB07WT
0355	260988			ON1M	E CHP1 NET TOWS	UAK	64-174N	170-445W	sRNDB07WT
0448	260988			TD**	B CHP2 CTD	UAK	64-210N	171-020W	sRNDB07WT
0508	260988			TD**	E CHP2 CTD	UAK	64-213N	171-021W	sRNDB07WT
0606	260988			TD**	B CHP3 CTD	UAK	64-253N	171-197W	sRNDB07WT
0617	260988			TD**	E CHP3 CTD	UAK	64-253N	171-197W	sRNDB07WT
0629	260988			ON1M	B CHP3 NET TOWS	UAK	64-253N	171-197W	sRNDB07WT
0657	260988			ON1M	E CHP3 NET TOWS	UAK	64-253N	171-197W	sRNDB07WT
0751	260988			TD**	B CHP4 CTD	UAK	64-293N	171-371W	sRNDB07WT
0805	260988			TD**	E CHP4 CTD	UAK	64-293N	171-370W	sRNDB07WT

#GMT #TIME #	DDMMYY DATE	LOC TIME Z	T	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
0809	260988			CO** B	CHP4 HAPS CORES	DMK	64-292N	171-370W	sRNDB07WT
0813	260988			CO** E	CHP4 HAPS CORES	DMK	64-293N	171-370W	sRNDB07WT
0928	260988			TD** B	CHP5 CTD	UAK	64-333N	171-548W	sRNDB07WT
0936	260988			TD** E	CHP5 CTD	UAK	64-334N	171-546W	sRNDB07WT
0951	260988			ON1M B	CHP5 NET TOWS	UAK	64-335N	171-543W	sRNDB07WT
0956	260988			ON1M E	CHP5 NET TOWS	UAK	64-336N	171-542W	sRNDB07WT
***					END MYS CHAPLINA LINE ***				
***					BEGIN ANADYR LINE ***				
1334	260988			ON1M B	ANA10 NET TOWS	UAK	64-150N	172-460W	sRNDB07WT
1350	260988			ON1M E	ANA10 NEW TOWS	UAK	64-150N	172-460W	sRNDB07WT
1353	260988			CM** B	ANA10 CURRENT METER	UAK	64-151N	172-461W	sRNDB07
1403	260988			CM** E	ANA10 CURRENT METER	UAK	64-150N	172-461W	sRNDB07WT
1418	260988			TD** B	ANA10 CTD	UAK	64-150N	172-461W	sRNDB07WT
1428	260988			TD** E	ANA10 CTD	UAK	64-150N	172-460W	sRNDB07WT
1514	260988			TD** B	ANA9 CTD	UAK	64-120N	172-401W	sRNDB07WT
1526	260988			TD** E	ANA9 CTD	UAK	64-120N	172-401W	sRNDB07WT
1606	260988			TD** B	ANA8 CTD	UAK	64-092N	172-329W	sRNDB07WT
1621	260988			TD** E	ANA8 CTD	UAK	64-091N	172-330W	sRNDB07WT
1623	260988			CO** B	ANA8 HAPS CORES	DMK	64-090N	172-330W	sRNDB07WT
1635	260988			CO** E	ANA8 HAPS CORES	DMK	64-092N	172-329W	sRNDB07WT
1637	260988			PH** B	ANA8 PROD.	UAK	64-091N	172-330W	sRNDB07WT
1643	260988			PH** E	ANA8 PROD.	UAK	64-092N	172-329W	sRNDB07WT
1654	260988			ON1M B	ANA8 NET TOWS	UAK	64-091N	172-329W	sRNDB07WT
1715	260988			ON1M E	ANA8 NET TOWS	UAK	64-090N	172-330W	sRNDB07WT

#GMT #TIME	DDMMYY DATE	LOC TIME	T Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
1720	260988			CM** B	ANA8 CURRENT METER	UAK	64-090N	172-329W	sRNDB07WT
1739	260988			CM** E	ANA8 CURRENT METER	UAK	64-091N	172-330W	sRNDB07WT
1831	260988			TD** B	ANA7 CTD	UAK	64-061N	172-271W	sRNDB07WT
1845	260988			TD** E	ANA7 CTD	UAK	64-061N	172-270W	sRNDB07WT
1847	260988			HCNI B	ANA7 NISKEN CAST	USR	64-061N	172-271W	sRNDB07WT
1852	260988			HCNI E	ANA7 NISKEN CAST	USR	64-061N	172-270W	sRNDB07WT
1948	260988			TD** B	ANA6 CTD	UAK	64-030N	172-199W	sRNDB07WT
2003	260988			TD** E	ANA6 CTD	UAK	64-030N	172-200W	sRNDB07WT
1959	260988			CO** B	ANA6 HAPS CORES	DMK	64-031N	172-199W	sRNDB07WT
2005	260988			CO** E	ANA6 HAPS CORES	DMK	64-030N	172-200W	sRNDB07WT
2030	260988			CM** B	ANA6 CURRENT METER	UAK	64-031N	172-200W	sRNDB07WT
2054	260988			CM** E	ANA6 CURRENT METER	UAK	64-031N	172-200W	sRNDB07WT
15	260988			ON1M B	ANA6 NET TOWS	UAK	64-029N	172-201W	sRNDB07WT
2131	260988			ON1M E	ANA6 NET TOWS	UAK	64-030N	172-199W	sRNDB07WT
2211	260988			TD** B	ANA5 CTD	UAK	64-001N	172-131W	sRNDB07WT
2223	260988			TD** E	ANA5 CTD	UAK	64-002N	172-126W	sRNDB07WT
2308	260988			TD** B	ANA4 CTD	UAK	63-570N	172-070W	sRNDB07WT
2321	260988			TD** E	ANA4 CTD	UAK	63-570N	172-070W	sRNDB07WT
2332	260988			CM** B	ANA4 CURRENT METER	UAK	63-570N	172-071W	sRNDB07WT
2357	260988			CM** E	ANA4 CURRENT METER	UAK	63-571N	172-070W	sRNDB07WT
0015	270988			ON1M B	ANA4 NET TOWS	UAK	63-570N	172-070W	sRNDB07WT
0037	270988			ON1M E	ANA4 NET TOWS	UAK	63-570N	172-070W	sRNDB07WT
0112	270988			TD** B	ANA3 CTD	UAK	63-541N	172-010W	sRNDB07WT
0125	270988			TD** E	ANA3 CTD	UAK	63-541N	172-009W	sRNDB07WT
0213	270988			TD** B	ANA2 CTD	UAK	63-510N	171-539W	sRNDB07WT
0224	270988			TD** E	ANA2 CTD	UAK	63-510N	171-547W	sRNDB07WT

#GMT #TIME	DDMMYY DATE	LOC TIME	T Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
0235	270988			CM**	B ANA2 CURRENT METER	UAK	63-510N	171-540W	sRNDB07WT
0246	270988			CM**	E ANA2 CURRENT METER	UAK	63-511N	171-540W	sRNDB07WT
0251	270988			ON1M	B ANA2 NET TOWS	UAK	63-511N	171-539W	sRNDB07WT
0308	270988			ON1M	E ANA2 NET TOWS	UAK	63-510N	171-539W	sRNDB07WT
0402	270988			TD**	B ANA1 CTD	UAK	63-479N	171-480W	sRNDB07WT
0412	270988			TD**	E ANA1 CTD	UAK	63-480N	171-480W	sRNDB07WT
#***				END ANADYR LINE ***					
#***				BEGIN CHUKOTSKIY LINE					
0843	270988			TD**	B CHK1 CTD	UAK	64-126N	173-066W	sRNDB07WT
0854	270988			TD**	E CHK1 CTD	UAK	64-125N	173-064W	sRNDB07WT
1000	270988			TD**	B CHK2 CTD	UAK	64-025N	173-066W	sRNDB07WT
1016	270988			TD**	E CHK2 CTD	UAK	64-026N	173-065W	sRNDB07WT
1030	270988			ON1M	B CHK2 NET TOWS	UAK	64-026N	173-068W	sRNDB07WT
1045	270988			ON1M	E CHK2 NET TOWS	UAK	64-026N	173-072W	sRNDB07WT
1158	270988			TD**	B CHK3 CTD	UAK	63-525N	173-066W	sRNDB07WT
1215	270988			TD**	E CHK3 CTD	UAK	63-526N	173-073W	sRNDB07WT
1334	270988			TD**	B CHK4 CTD	UAK	63-426N	173-063W	sRNDB07WT
1350	270988			TD**	E CHK4 CTD	UAK	63-426N	173-060W	sRNDB07WT
1404	270988			ON1M	B CHK4 NET TOWS	UAK	63-426N	173-070W	sRNDB07WT
1424	270988			ON1M	E CHK4 NET TOWS	UAK	63-425N	173-064W	sRNDB07WT
1537	270988			TD**	B CHK5 CTD	UAK	63-326N	173-064W	sRNDB07WT
1606	270988			TD**	E CHK5 CTD	UAK	63-325N	173-061W	sRNDB07WT
1607	270988			CO**	B CHK5 HAPS CORES	DMK	63-325N	173-061W	sRNDB07WT
1632	270988			CO**	E CHK5 HAPS CORES	DMK	63-328N	173-063W	sRNDB07WT
#***				END CHUKOTSKIY LINE ***					
#	TGRC 12 THERMOGRAPH CHARTS								sRNDB07WT
#	END SAMPLE INDEX								