

STATE OF ALASKA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS

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Alaska Open-file Report 136  
TABULATED GRAVITY FIELD DATA, ALASKA PENINSULA  
AREA, ALASKA

By  
Steve W. Hackett

STATE OF ALASKA  
Department of Natural Resources  
DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS

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In addition, the Division shall collect, evaluate, and publish data on the underground, surface, and coastal waters of the state. It shall also process and file data from water-well-drilling logs.

DGGS performs numerous functions, all under the direction of the State Geologist---resource investigations (including mineral, petroleum, and water resources), geologic-hazard and geochemical investigations, and information services.

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# TABULATED GRAVITY FIELD DATA FOR SELECTED SITES IN THE ALASKA PENINSULA AREA, ALASKA

By  
Steve W. Hackett

In 1974 the Alaska Division of Geological and Geophysical Surveys (DGGS) initiated a regional gravity survey on the Alaskan Peninsula between Cold Bay, Bear Lake, and Port Moller. DGGS geologists Pat Dobey and Bill Lyle occupied regional gravity stations in conjunction with a reconnaissance geologic field program. A U.S. Geological Survey (USGS) Worden gravimeter model W226 was used to obtain gravimetric measurements in the study area. The gravimeter conversion factor to uncorrected milligals is 1.050730.

In late June 1977, the author joined geologists Irv Palmer (USGS) and Bill Lyle during a stratigraphic field study on the Alaska Peninsula (Lyle and others, 1979). Previously obtained regional gravity coverage was expanded with the occupation of new sites between False Pass and Port Moller. Additionally, new base stations, as well as former base stations, were occupied with a LaCoste Romberg geodetic gravimeter model LCR G108. The gravimeter-counter readings may be converted to uncorrected milligals by referring to table 1. We appreciate the preliminary regional gravity data and base-station information provided by the USGS, Branch of Regional Geophysics, Menlo Park, Calif.

Gravity data were reduced to a common datum (Morelli and others, 1974) and processed with a modified version of a gravity reduction program used by the USGS in presenting previous Alaskan gravity data (Barnes, 1968, 1972, 1977). The gravity field data are stored on computer tape and are listed in chronological order in table 2. The study area is shown in figure 1.

## INTERPRETATION OF TABLE 2

There are three basic components of the field data contained in table 2---the heading, or project information (H), the base information (B), and the gravity data itself (D). The 80-column printout format for all three components is described below and in Barnes (1968, 1972).

The format for the header card (project information) leads each block of data and is shown first. The rightmost column contains the code 'H.'

The base cards (B) generally have several columns. The leftmost one is a 12-character block: two digits for the GN-AN, a four-digit station identity code, and a six-character base-1 reading. The second column has 10 digits, four for the base-1 time of the reading and six for the base-2 readout. Column 3 has 12 characters, four for the base-2 time and eight for the gravity base reading or for the altimetry reference. The next column has 13 digits, six for latitude and seven for longitude. The remaining card columns contain 12 spaces, four for elevation and the last for general comments. The rightmost column contains the code 'B' (for base information).

The actual tabular part, or data (D), has seven columns. The first is a 15-character block, with the first four designating the station, the next four the time, and the last eight the gravimeter values. Column 2 contains the

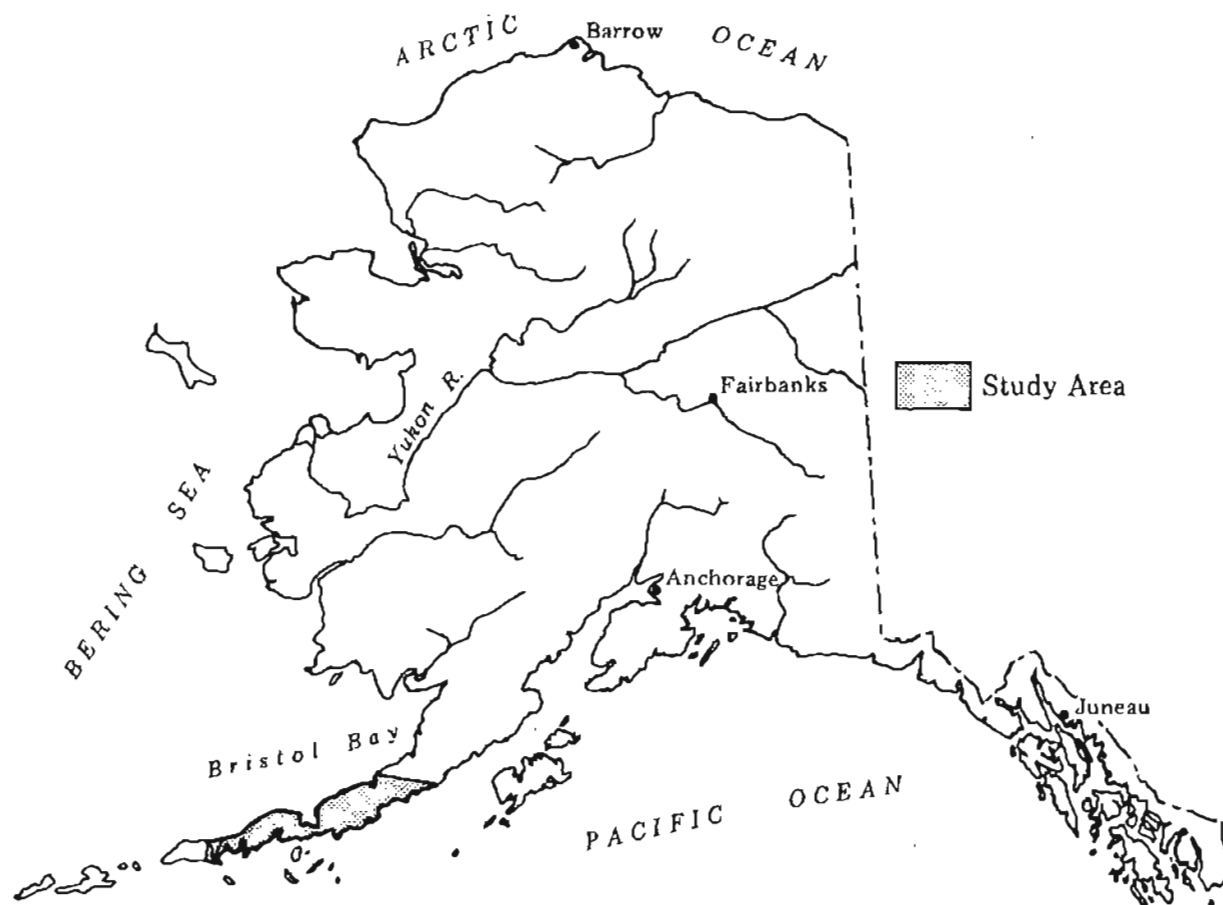


Figure 1. Location of study area.

altimeter readings; column 3 is gravity base identification. Column 4 contains 19 characters: six for elevation, six for latitude, and seven for longitude. Column 5 denotes the altimeter base identification. The sixth column contains the average air temperature in the first three digits and the WDB (wet bulb depression) in the last two. The last column is the card code 'D' for data (gravity station information).

#### REFERENCES CITED

- Barnes, D.F., 1968, Alaska gravity base station network, 1968: U.S. Geological Survey Open-file Report 68-7.
- \_\_\_\_\_, 1972, Notes on the processing and presentation of U.S. Geological Survey Alaskan gravity data: U.S. Geological Survey Open-file report, 25 p.
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- Lyle, W.N., Morehouse, J.A., Palmer, I.F., Jr., and Bolm, J.G., 1979, Tertiary formations and associated Mesozoic rocks in the Alaska Peninsula area, Alaska, and their petroleum-reservoir and source-rock potential: Alaska Division of Geological and Geophysical Surveys Geologic Report 62, 65 p., 13 pl.
- Morelli, Carlo, Gantar, C., Honkasala, Tauno, McConnell, R.K., Tanner, J.G., Szabo, Bela, Motila, U.A., and Whalen, G.T., 1974 (I.G.S.N.71): Paris, Bureau Central de l'Association Internationale de Géodésie Special Publication 4, 194 p.

Table 1. Milligal values for LaCoste & Romberg, Inc.  
Model G Gravity Meter 108

<u>Counter reading*</u>	<u>Value in milligals</u>	<u>Factor for interval</u>	<u>Counter reading*</u>	<u>Value in milligals</u>	<u>Factor for interval</u>
000	000	1.04480			
100	104.48	1.04475	3600	3762.43	1.04645
200	208.96	1.04470	3700	3867.08	1.04650
300	313.43	1.04465	3800	3971.73	1.04655
400	417.89	1.04460	3900	4076.39	1.04665
500	522.35	1.04455	4000	4181.05	1.04670
600	626.81	1.04455	4100	4285.72	1.04675
700	731.27	1.04450	4200	4390.40	1.04680
800	835.72	1.04450	4300	4495.07	1.04680
900	940.17	1.04450	4400	4599.75	1.04685
1000	1044.62	1.04450	4500	4704.44	1.04685
1100	1149.07	1.04455	4600	4809.12	1.04685
1200	1253.53	1.04460	4700	4913.81	1.04685
1300	1357.99	1.04465	4800	5018.49	1.04680
1400	1462.45	1.04470	4900	5123.17	1.04680
1500	1566.92	1.04475	5000	5227.85	1.04675
1600	1671.39	1.04480	5100	5332.53	1.04675
1700	1775.87	1.04485	5200	5437.21	1.04670
1800	1880.36	1.04490	5300	5541.87	1.04660
1900	1984.85	1.04500	5400	5646.54	1.04655
2000	2089.34	1.04505	5500	5751.19	1.04645
2100	2193.85	1.04515	5600	5855.84	1.04630
2200	2298.36	1.04520	5700	5960.47	1.04620
2300	2402.89	1.04530	5800	6065.09	1.04605
2400	2507.42	1.04535	5900	6169.69	1.04590
2500	2611.95	1.04545	6000	6274.28	1.04575
2600	2716.49	1.04550	6100	6378.86	1.04555
2700	2821.04	1.04560	6200	6483.41	1.04535
2800	2925.60	1.04570	6300	6587.95	1.04510
2900	3030.17	1.04580	6400	6692.46	1.04485
3000	3134.75	1.04590	6500	6796.94	1.04455
3100	3239.34	1.04600	6600	6901.40	1.04425
3200	3343.94	1.04610	6700	7005.82	1.04395
3300	3448.55	1.04620	6800	7110.22	1.04365
3400	3553.17	1.04625	6900	7214.58	1.04335
3500	3657.80	1.04635	7000	7318.92	

\*Note: Right wheel on counter indicates approximately 0.1 milligal.

12-15-65

LJI

Table 2. Gravity field data

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50  
 -ADD. 10FGRV. , LIST, SEQ= / 8, 1, 6, 10, 10 /  
 -DESC.  
 -PGMR. HACKETT  
 -LANG. DAT

PAGE 1 OF  
 GRAVITY MODULE INPUT FORM

LIB MOD = 10FSS142

PROJECT										TRAVERSE										STATE										MO										DAY										YR										METER										PIT										FACTOR										GMT										DENS										PROJ CHIEF										OBSERVERS										CODE									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80																																																												

IDENT										BASE RDG 1										CORR 1										TIME 1										BASE RDG 2										CORR 2										TIME 2										BASE										GRAVITY ELEV										LATITUDE										LONGITUDE										ELEV										DATUM										COMMENT										CODE									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80																																																																						

STAT										TIME										GRAVIMETER										HT TO REF										ALTIM ONE										HT TO GM										AUX STAT NO										GRV BASE										T.C.										REFERENCE ELEVATION										LATITUDE										LONGITUDE										ACCUR PIGES										ALT BASE										BASE ALTIMETER										ALT CORR										AV AIR TEMP										W B										AIR CORR										P 2									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80																																																																																																																								

Table 2. (cont.)

ALASKA PEN COLD BAY	ALAK 06/02/74	W226	105073009267HACKETT	LYLE & DOBEY	AP74H
G1CR 001519	1930	98155355	5512101624320	90BARNES	MAR68PN74B
A1CR 000090	1930	00000090	5512101624320	90BARNES	MAR68PN74B
G2SR 001585	0853001580	165598155701	5515461625200	ODOBEY	JUN 74PN74B
A2SR 000000	0853001580	165500000000	5515461625200	ODOBEY	JUN 74PN74B
		CR	5512061624312	CR	
		SB	5513201624330	S001	SB
CR 1930001519	00090	G100000008	55512101624320	A1	042
SR 2030001592	00000	S001G10	100008.65515461625200	A1	042
SR 0853001585	00000	S001B20	100008.65515461625200	A2	042
S0021019002263	00000	G20.810010	55452201631020	A2	046
S0031010001472	00000	G200000000	35555001610100	A2	046
SR 1655001580	00000	S001B20	100008.65515461625200	A2	046
ALASKA PEN COLD BAY	ALAK 06/03/74	W226	105073009267HACKETT	DOBEY & LYLE	AP74H
G1CR 006478	1102006478	195798155355	5512101624320	90BARNES	MAR68PN74B
A1CR 000090	1102000090	195700000090	5512101624320	90BARNES	MAR68PN74B
SR 0800006551	00000	G10.100008	65515461625200	A1	046
CR 1102006478	00090	G100000008	55512101624320	A1	046
S0041310005857	01139	G10.120018	35530301615730	A1	060
SR 1512007551	00130	S005G100000005	85602241601600	A1	064
S0061650006420	01660	G12.610014	65542451603200	A1	061
S0071812007079	01160	G13.080009	65541301603700	A1	043
CR 1957006478	00090	G100000008	55512101624320	A1	043
ALASKA PEN COLD BAY	ALAK 06/04/74	W226	105073009267HACKETT	DOBEY & LYLE	AP74H
G1SR 006426	0931006540	212098155701	5515461625200	ODOBEY	JUN 74PN74B
A1SR 000000	0931000000	212000000000	5515461625200	ODOBEY	JUN 74PN74B
SR 0931006426	00000	G10.100008	65515461625200	A1	048
S0091301008000	00000	G100000006	75536151612000	A1	056
S0101347005773	01965	G11.600029	55541001605000	A1	046
S0111532005037	02462	G11.850060	45544001604415	A1	046
S0171855006492	01535	G12.780014	75542151603330	A1	040
S0181927005705	00178	G10.120009	05541101603400	A1	040
S0192041004478	00010	G100000004	45522301622900	A1	041
SR 2120006540	00000	G10.100008	65515461625200	A1	040
ALASKA PEN COLD BAY	ALAK 06/05/74	W226	105073009267HACKETT	DOBEY & LYLE	AP74H
G1CR 004016	0927	98155355	5512101624320	90BARNES	MAR68PN74B
A1CR 000090	0927	00000090	5512101624320	90BARNES	MAR68PN74B
G2SR 004087	0907004085	204298155701	5515461625200	ODOBEY	JUN74PN74B
A2SR 000000	0907000000	204200000000	5515461625200	ODOBEY	JUN74PN74B





Table 2 (cont.)

50461800004033		G20.060004.05514151630110	A2	038	D
50471510004097		G200000003.95515301625745	A2	038	D
504820004096		G20.100008.65515461625200	A2	038	D
ALASKA PEN IKATAN	PEN ALAK 06/07/74	W226 105073009267HACKETT DOBEY & LYLE	AP74H		
G1CR 004002	1700	98155355 5512101624320	90BARNES MAR68FN74R		
A1CR 000090	1700	00000090 5512101624320	90BARNES MAR68FN74R		
G2SR 004067	1057004067	173098155701 5515461625200	00DOBEY JUN74 FN74R		
A2SR 000000	1057000000	173000000000 5515461625200	00DOBEY JUN74 FN74R		
CB		0000060000012			
SR		00132000004330			
SE 1057004067	00000	G10.100008.65515461625200	A1	040	D
CE 1700004002	00090	G100000008.55512101624320	A1	041	D
SE 1730004067	00000	G10.100008.65515461625200	A1	041	D
SE 1057004067	00000	G20.100008.65515461625200	A2	040	D
S0481330004811	00005	G20.050011.85445451632018	A2	041	D
S0491405002752	01000	G21.030015.85442501630642	A2	041	D
S0501320004977	00000	G200000003.65441301630542	A2	041	D
S0511551004988	00010	G20.090002.45445101631512	A2	041	D
SE 1730004067	00000	G20.10 5515461625200	A2	041	D
SE		G 08.6 0013200004330	A		
CB		G 08.5 0000060000012	A		
ALASKA PEN CR BEAR LN ALAK 06/08/74	W226 105073009200LYLE	DOBEY & LYLE	FN74H		
G1CR 003998	1212003999	154398155355 5512061624312	0090BARNES MAR68FN74R		
A1CR 000090	1212000090	154300000090 5512061624312	0090BARNES MAR68FN74R		
CB 1212003998	00090	G108.5 5512061624312	A1	042	D
S0521240004027	00000	G106.2 5513251624940	A1	042	D
S0531305004064	00000	G102.9 5514151625415	A1	042	D
S0541308004095	00000	G101.4 5517301625545	A1	042	D
S0551325004152	00000	G101.1 5519151625345	A1	042	D
S0561335004174	00000	G100.3 5520451625150	A1	041	D
S0571348004202	00000	G100.3 5521451625015	A1	041	D
S0581408004245	00000	G100.4 5523451624510	A1	040	D
S0591420004324	00000	G100.4 5524301624200	A1	040	D
S0601433004314	00000	G102.1 5526501623415	A1	040	D
S0611450004436	00000	G102.1 5529301622920	A1	039	D
S0621500004263	00000	G102.8 5525201622930	A1	039	D
S0631510004350	00000	G104.4 5521001623220	A1	038	D
S0641520004298	00000	G102.0 5518001623645	A1	038	D
S0651530004193	00000	G102.0 5516251624030	A1	038	D

Table 2 (cont.)

ALASKA PEN BEAR	LAKE	ALAK 06/09/74	W226	1050730092267HACKETTDOBEY & LYLE	AP74H
G1JB 005105	1405005111	175598164480	5602241601600	130DOBEY74 REAR	B
A1JB 000130	1405000130	175500000130	5602241601600	0130DOBEY	B
JB 1405005105	00130	50056105.8	5602241601600	A1	D
S73R1513005205	00000	738 G109.8	5557001603200	A1	D
S74R1518005309	00000	748 G102.2	5554301603451	A1	D
S0751546005492	00000	G116.2	5555251622900	A1	D
S0761552005582	00000	G123.1	5553501602350	A1	D
S0791656006170	00000	G136.4	5551301601700	A1	D
S0801710006284	00000	G148.0	5550151601300	A1	D
JB 1755005111	00130	50056105.8	5602241601600	A1	D
ALASKA PEN BRK	FTMOL	ALAK 06/10/74	W226	1050730092267HACKETTDOBEY & LYLE	AP74H
G1JB 005108	1000005095	183098164480	5602241601600	0130DOBEY JUN74	PN74B
A1JB 000130	1000000130	183000000130	5602241601600	0130DOBEY JUN74	PN74B
JB 1000005108	00130	50056105.8	5602241601600	A1	D
S0811105005025	00000	F11 G138.2	5553151601830	A1	D
S0821240003166	02245	G139.6	5552301601600	A1	D
S0831435006291	00040	G148.0	5550501601230	A1	D
S0841450006032	00010	G127.6	5552051601940	A1	D
S0851515006178	00010	G127.6	5551501601900	A1	D
S0861520006304	00000	G136.4	5551151601500	A1	D
S0871530006345	00004	G134.4	5550151601430	A1	D
S0881555006308	00000	G134.4	5550001601530	A1	D
S0891610006251	00010	G124.9	5549351601640	A1	D
S0901620006200	00000	G128.1	5548001601640	A1	D
S0911645004828	01120	G113.4	5548501606040	A1	D
S0921700005967	00290	G133.3	5552151601130	A1	D
S0931730005708	00450	G133.2	5553151601000	A1	D
S0941740005749	00390	G134.2	5554151600800	A1	D
S0951755005881	00290	G132.7	5554451600600	A1	D
S0961800005877	00220	G132.6	5555451600610	A1	D
S0971810005710	00180	G127.9	5556501600800	A1	D
JB 1830005095	00130	50056105.8	5602241601600	A1	D
ALASKA PEN BEAR	LAKE	ALAK 06/11/74	W226	1050730092267HACKETTDOBEY & LYLE	AP74H
G1JB 005093	1000005085	171598164480	5602241601600	0130DOBEY JUN74	PN74B
A1JB 000130	1000000100	171500000100	5602241601600	0130DOBEY JUN74	PN74B
JB 1000005093	00130	50056105.8	5602241601600	A1	D
S0981130002799	01520	G116.9	5527491610550	A1	D
S0991445002969	01415	G117.0	5527301610520	A1	D
S1001725006038	00000	MNPT6108.3	5535001603630	A1	D

Table 2 (cont.)

81011755005913	00090	6107.8	5537301603015	A1	060	D
81021800005587	00225	6105.9	5544151602930	A1	060	D
81031835005174	00000	6126.4	5546001601520	A1	060	D
81041845006228	00050	6133.1	5547241601348	A1	060	D
JB 1915005085	00130	50056105.8	5602241601600	A1	060	D
ALASKA PEN BL FORT HB ALAK 06/12/74 W226			105073009267HACKETTDOBEY & LYLE			AF74H
G1JB 005088	0924005091	173098164480	5602241601600	0130DOBEY		JUN74 PN74B
G1JB 000130	0924000130	173000000130	5602241601600	0130DOBEY		JUN74 PN74B
JB 0924005088	00130	50056105.8	5602241601600	A1	041	D
81051025006032	00010	6110.4	5536151603640	A1	041	D
81061040005422	00465	6106.7	5538001603645	A1	042	D
81071050005531	00385	6105.2	5539101603610	A1	042	D
81081106005379	00485	6103.7	5539051603515	A1	046	D
81101320005824	00120	6108.1	5540151603815	A1	046	D
81111335005967	00080	6107.5	5541151604012	A1	047	D
81121445005689	00235	6109.7	5540091604024	A1	047	D
81131455005680	00206	6107.3	5537501604200	A1	043	D
81141510005745	00137	6105.1	5538451604500	A1	043	D
81151515005805	00007	6108.1	5539151604615	A1	043	D
81161525005875	00017	6105.2	5543001604610	A1	043	D
81171600005822	00065	6107.3	5541511603700	A1	043	D
81181610005803	00095	6106.9	5541511603700	A1	043	D
80811700004900	00009	611 6138.2	5553151601830	A1	043	D
JB 1730005091	00130	50056105.8	5602241601600	A1	043	D
ALASKA PEN BEAR LAKE ALAK 06/13/74 W226			105073009267HACKETTDOBEY & LYLE			AF74H
G1DB 004032	1320004029	145598155355	5512101624320	0090BARNES		MAR68PN74B
A1CB 000090	1320000090	145500000090	5512101624320	0090BARNES		MAR68PN74B
G2JB 005098	1100005096	191598164480	5602241601600	0130DOBEY		JUN74 PN74B
A2JB 000130	1100000130	191500000130	5602241601600	0130DOBEY		JUN74 PN74B
JB 1100005098	00130	50056105.8	5602241601600	A1	047	D
CB 1320004032	00090	6108.5	5512101624320	A1	047	D
SB 1400004098	00000	6108.6	5515461625200	A1	047	D
LB 1455004029	00090	6108.5	5512101624320	A1	047	D
JB 1915005096	00130	50056105.8	5602241601600	A1	046	D
JB 1100005099	00130	50056205.8	5602241601600	A2	047	D
80611235004445	00000	6202.1	5529301622920	A2	047	D
SB 1400004098	00000	6208.6	5515461625200	A2	047	D
81241530005235	00000	6202.1	5535001622130	A2	047	D
81251610005033	00009	620000	5557391612212	A2	047	D
81261625005091	00090	DRWL6200.1	5551451613400	A2	047	D
81271700004914	00150	HL016202.2	5550361610112	A2	047	D

50811800004998	00000	F11	G238.2	5553151601830	A2	046	D
JB 1915005096	00130	S005G205.8		5602241601600	A2	046	D
ALASKA PEN BR LK	HNEY	ALAK 06/14/74	W226	105073009267HACKETTDOREY &		LYLE	AF74H
G1JB 005098	0915005095	174398160780	5602241601600	0130DOREY		JUN74	FN74R
A1JB 000130	0915000130	174300000130	5602241601600	0130DOREY		JUN74	FN74R
JB 0915005098	00130	S005G105.8	5602241601600	A1		047	D
G1261000006242	00000	1288G126.4		5551501603115	A1	047	D
G1291020006176	00000	G123.2		5546001601800	A1	047	D
G1301050006018	00000	G122.2		5546301601900	A1	047	D
G1311120005900	00000	G115.8		5546401602050	A1	047	D
G1321300005808	00000	G116.8		5546501602230	A1	048	D
G1341400005767	00000	G110.4		5552001603220	A1	048	D
G1351420005704	00000	G109.2		5551501603420	A1	048	D
G1361445005532	00000	G109.9		5551301603640	A1	048	D
G1371500005171	00000	G106.0		5551451604210	A1	048	D
G1381515005351	00040	G106.1		5550301604230	A1	048	D
G1391543005735	00040	G106.4		5544451603730	A1	048	D
G1401620005694	00080	G106.6		5544511603530	A1	048	D
G1411630005618	00228	G109.2		5543391603348	A1	048	D
JB 1743005095	00130	S005G105.8	5602241601600	A1		047	D
ALASKA PEN BEAR	LAKE	ALAK 06/15/74	W226	105073009267HACKETTDOREY &		LYLE	AF74H
G1JB 005259	0900005255	190599160780	5602241601600	0130DOREY		JUN74	FN74R
A1JB 000130	0900000130	190500000130	5602241601600	0130DOREY		JUN74	FN74R
JB 0900005259	00130	S005G105.8	5602241601600	A1		046	D
50811030005050	00000	F11	G138.2	5553151601830	A1	046	D
G1421115005971	00014	G106.2		5533271605706	A1	045	D
G0991200004131	01323	G117.0		5527301610520	A1	045	D
G1431635005451	00040	G105.0		5524271610848	A1	045	D
G1441650005564	00000	G109.9		5529211605730	A1	045	D
G1451720003823	01992	G118.0		5538161603842	A1	036	D
G1461820003728	01832	G119.8		5544001602730	A1	035	D
JB 1905005255	00130	S005G105.8	5602241601600	A1		036	D
ALASKA PEN BEAR	LAKE	ALAK 06/17/74	W226	105073009267HACKETTDOREY &		LYLE	AF74H
G1JB 005089	1035005090	200098160780	5602241601600	0130DOREY		JUN74	FN74R
A1JB 000130	1035000130	200000000130	5602241601600	0130DOREY		JUN74	FN74R
JB 1035005089	00130	S005G105.8	5602241601600	A1		040	D

Table 2 (cont.)

Table 2 (cont.)

ALASKA PEN BEAR	LAKE	ALAK 06/17/74	W226	105073009267HACKETTDOBEY &	LYLE	AF74H
G1JR 005089	1035005090	200098160780	5602241601600	0130DOBEY	JUN74	PN74B
A1JR 000130	1035000130	200000000130	5602241601600	0130DOBEY	JUN74	PN74B
JR 10350005089	00130	S005G105.8	5602241601600	A1	040	D
S1551110005384	00560	G117.5	5548211600748	A1	040	D
S1561325005915	00260	G116.4	5547301601112	A1	042	D
S1571400005788	00000	G115.7	5548091602830	A1	042	D
S1581430003666	01630	G112.3	5547451603000	A1	043	D
S1601520003519	01000	G110.2	5549451603130	A1	043	D
S1611600004065	01310	G110.2	5545301603024	A1	043	D
S1621620004638	01120	G106.7	5542051602850	A1	043	D
S1631645005637	00128	G112.8	5541001602850	A1	043	D
S1641655005892	00062	G107.0	5539001602600	A1	042	D
S1651710005666	00260	G108.3	5538301603120	A1	042	D
S1661800003749	01657	G112.9	5543451603340	A1	042	D
JR 20000005090	00130	S005G105.8	5602241601600	A1	042	D
ALASKA PEN BEAR	LK	ALAK 06/18/74	W226	105073009267HACKETTDOBEY &	LYLE	AF74H
G1JR 005109	1200005106	200098160780	5602241601600	0130DOBEY	JUN74	PN74B
A1JR 000130	1200000130	200000000130	5602241601600	0130DOBEY	JUN74	PN74B
JR 12000005109	00130	S005G105.8	5602241601600	A1	045	D
S1671400005892	00000	G112.6	5539301601530	A1	045	D
S1681410005937	00172	G105.7	5536351602800	A1	045	D
S1691430005953	00000	G104.3	5533511602548	A1	045	D
S1701500005902	00000	G103.8	5532211602724	A1	048	D
S1721600005702	00000	G105.2	5529091602924	A1	048	D
S1731700005501	00175	G108.0	5548501603830	A1	045	D
S1741710005446	00270	G105.1	5547301603615	A1	044	D
S1751720005367	00280	G107.0	5549551603500	A1	042	D
S1761800005189	00500	G104.9	5548551603330	A1	041	D
S1771830005798	00000	G110.8	5550051602800	A1	041	D
JR 20000005106	00130	S005G105.8	5602241601600	A1	040	D
ALASKA PEN BEAR	LAKE	ALAK 06/19/74	W226	105073009267HACKETTDOBEY &	LYLE	AF74H
G1JR 005114	005114	233098160780	5602241601600	0130DOBEY	JUN74	PN74B
A1JR 000130	000130	233000000130	5602241601600	0130DOBEY	JUN74	PN74B
JR 21000005114	00130	S005G105.8	5602241601600	A1	042	D
S1782110005377	00000	G100.1	5618001601800	A1	042	D
S1792130005333	00085	G104.5	5614001601400	A1	042	D
S1802200005143	00280	G108.3	5612301601030	A1	042	D
S1812230005102	00180	G102.3	5612001600500	A1	042	D
S1822315005040	00245	G106.1	5606451600000	A1	042	D
JR 23300005114	00130	S005G105.8	5602241601600	A1	042	D

ALASKA PEN BLACK	LAKE ALAK 06/20/74	W226	105073009267HACKETTDOBEY & LYLE	AP74H
G1JB 005116	1000	98160780	5602241601600 0130DOBEY	JUN74 PN74B
A1JB 000130	1000	00000130	5602241601600 0130DOBEY	JUN74 PN74B
JB 1000005116	00130	S005G105.8	5602241601600 A1	043 D
S1831052005206	00010	G100.5	5610001602600 A1	043 D
S1841530005091	00445	G117.2	5603001595600 A1	043 D
S1851545005257	00550	G124.3	5601301595300 A1	043 D
S1861600005235	00663	G126.4	5600451595245 A1	043 D
S1871700004975	00800	G118.6	5600151594930 A1	043 D
S1881802002386	03060	G138.4	5559501594800 A1	043 D
KL 1830005846	00030	S189G103.8	5628231585940 A1	043 D
ALASKA PEN BLACK	LAKE ALAK 06/21/74	W226	105073009267HACKETTDOBEY & KLEIN	AP74H
G1BL 005846	0930005838	200098160780	5628231585940 0030DOBEY	JUN74 PN74B
A1BL 000030	0930000030	200000000030	5628231585940 0030DOBEY	JUN74 PN74B
BL 0930005846	00030	S189G103.8	5628231585940 A1	042 D
S1901145006373	00000	F26 G107.9	5618451583600 A1	050 D
S1911230006572	00000	G105.4	5622301583000 A1	050 D
S1921315006749	00000	G108.6	5629001583000 A1	051 D
S1931415006634	00000	G104.6	5624001582740 A1	052 D
BL 1510005843	00030	S189G103.8	5628231585940 A1	052 D
S1981800005306	00020	G124.2	5617451585530 A1	053 D
S1991815006268	00020	G127.2	5616301585330 A1	052 D
S2001830006226	00010	G127.2	5615301585130 A1	051 D
S2011845006134	00010	G113.3	5613301584800 A1	050 D
S2021900005944	00098	G113.2	5612201584500 A1	049 D
S2031925004065	01600	G114.2	5612001584630 A1	048 D
BL 2000005838	00030	S189G103.8	5628231585940 A1	048 D
ALASKA PEN BLACK	LAKE ALAK 06/22/74	W226	105073009267HACKETTDOBEY & LYLE	AP74H
G1BL 005844	1115005837	1830	5628231585940 0030DOBEY	JUN74 PN74B
A1BL 000030	1115000030	183000000030	5628231585940 0030DOBEY	JUN74 PN74B
BL 1115005844	00030	S189G103.8	5628231585940 A1	043 D
BL 1300005842	00030	S189G103.8	5628231585940 A1	044 D
S2051430005425	00900	G108.0	5627451584700 A1	044 D
BL 1500005839	00030	S189G103.8	5628231585940 A1	044 D
S2061530006119	00090	G111.2	5615001584245 A1	044 D
S1901615006359	00000	F26 G107.9	5618451583600 A1	044 D
S2081650004595	01247	G114.1	5613451583930 A1	044 D
S2091700004284	01515	G122.0	5613451584110 A1	044 D
BL 1830005837	00030	S189G103.8	5628231585940 A1	044 D

Table 2 (cont.)

Table 2 (cont.)

ALASKA PEN BLACK	LAKE ALAK	06/23/74	W226	105073009267HACKETTDOSEY &	LYLE	AP74H
G1BL 005838	1145			5628231585940 0030DDREY	JUN74	PN74R
A1BL 006030	1145		00000030	5628231585940 0030DDREY	JUN74	PN74R
G2JR 005104	1400			5602241601600 0130DDREY	JUN74	PN74R
A2JR 000130	0000		00000130	5602241601600 0130DDREY	JUN74	PN74R
BL 1145005838	00030	S189G103.8		5628231585940 A1	049	D
S2101200005800	00033	G101.5		5629301590500 A1	049	D
S2111230005927	00037	G100.8		5632301580800 A1	050	D
S2121240006027	00016	G100.2		5636001591200 A1	050	D
S2131301006138	00004	G100.1		5638001591530 A1	050	D
JR 1400005104	00130	S005G105.8		5602241601600 A1	050	D
S0811600004997	00000	P11 G138.2		5553151601830 A1	050	D
AL 1145005838	00030	S189G203.8		5628231585940 A2	048	D
S2101200005800	00033	G201.5		5629301590500 A2	049	D
S2111230005927	00037	G200.8		5632301580500 A2	050	D
S2121240006027	00016	G200.2		5632301591200 A2	050	D
S2131301006138	00004	G200.1		5638001591530 A2	050	D
JR 1400005104	00130	S005G205.8		5602241601600 A2	050	D
S0811600004997	00000	P11 G238.2		5553151601830 A2	050	D
ALASKA PEN BLACK	LAKE ALAK	06/23/74	W226	105073009267HACKETTINLEIN &	LYLE	AP74H
G1JB 005104	1330			5602241601600 0130DDREY74	BEARPN74R	
A1JB 000130	1330		00000130	5602241601600 0130DDREY	PN74R	
G2BL 005853	1400		98160780	5628231585940 0030DDREY74	BLACKPN74R	
A2BL 000030	1400		00000030	5628231585940 0030DDREY	PN74R	
BL 1330005853	00030	S189G103.8		5628231595940 A1	051	D
JR 1400005104	00130	S005G105.8		5602241601600 A1	053	D
S2231430005906	00440	G113.3		5621281593900 A1	053	D
S2241500003329	02020	G124.7		5620091592900 A1	048	D
S2251530006265	00120	G115.3		5622541585318 A1	060	D
S2271630006392	00100	G114.5		5625301584430 A1	060	D
BL 1330005853	00030	S189G203.8		5628231595940 A2	051	D
JR 1400005104	00660	G211.3		5621281593959 A2	053	D
S2241500003329	02020	G224.7		5620151592900 A2	048	D
S2251530006265	00120	G215.3		5622501585310 A2	060	D
S2271630006392	00100	G214.6		5625301584430 A2	060	D



AK	PENIN	BASES	A	AK	06/25/77H	G108	09267HACKETTHACKETT	88 ANC BASE	AF77H
G1BL31528946			0930528958	999898191671	6110541495887				AF77H
G2CB 493822			1210493834	102698153900	5512101624320		103 COLD BASE		AF77H
A1BL31001435			0930001000	999800000088	6110541495887		88 ALTIMETER		B
A2CB 001460			1210001026	1026000000103	5512101624320		103 ALTIMETER		B
BL310930528946			01435	G1	0008806110541495887		A1		D
CB 1210493822			01460	COLDG2	0010305512101624320		A2		D
SB011427494132			01410	CULSG2	0007005515461625200		A2		D
SB015651494149			01440	CULSG2	0007005515461625200		A2		D
CB 5723493841			01503	COLDG2	0010305512101624320		A2		D
CB 8113493826			01532	COLDG2	0010305512101624320		A2		D
JB 8351498973			01520	BEARG2	0012305602241601600		A2		D
JB 9335498983			01082	BEARG2	0012305602241601600		A2		D
CB 9910493834			01026	COLDG2	0010305512101624320		A2		D
AK PENIN BASES									
G1JB 498983			0935498981	825598159293	5602241601600		JOHNSONS		AF77H
G2CB 493834			1510493812	900098153900	5512101624320		103 COLD BASE		AF77H
G3BL31528946			0001528958	945098191671	6110541495887		88 ANCH BASE		AF77H
A1JB 001082			0935000625	825500000023	5602241601600		23 ALTIMETER		B
A2CB 001022			1510001023	9000000000103	5512101624320		103 ALTIMETER		B
A3BL31001025			0001001000	9450000000088	6110541495887		88 ALTIMETER		B
JB 0935498983			01082	PEARF31	0012305602241601600		A1		D
CB 1510493834			01026	COLDG2	0010305512101624320		A2		D
JB 1847498975			01038	BEARG2	0012305602241601600		A2		D
JB 9255498981			00825	BEARG2	0012305602241601600		A2		D
FB 8324498458			00724	MOLSG2	0001305559401603460		A2		D
CB 9000493812			01023	COLDG2	0010305512101624320		A2		D
BL319450528958			01000	G2	0008806110541495887		A2		D
AK PENIN BASE 1									
G1CB 493822			1210493841	572398153900	5512106124320		90 BASE STA		AF77H
A1CB 1400			1210 1503	5723	90 5512101524320		ALTIMETER 1		B
BL310930528946				G1	8806110541495887		A1		D
CB 1210493822			01400	COLDG1	9005512101624320		A1		D
SB011427494132			01455	G1	10005517001624320		A1		D
SB013550494133			01410	G1	10005517001624320		A1		D
CB 3612493828			01460	COLDG1	9005512101624320		A1		D
FP193940497499			01358	FALSG1	20005452501631150		A1		D
SB014046494135			01402	G1	10005517001624320		A1		D
SB015651494149			01440	G1	10005517001624320		A1		D
CB 5723493841			01503	G1	9005512101625200		A1		D

Table 2 (cont.)







Table 2 (cont.)

