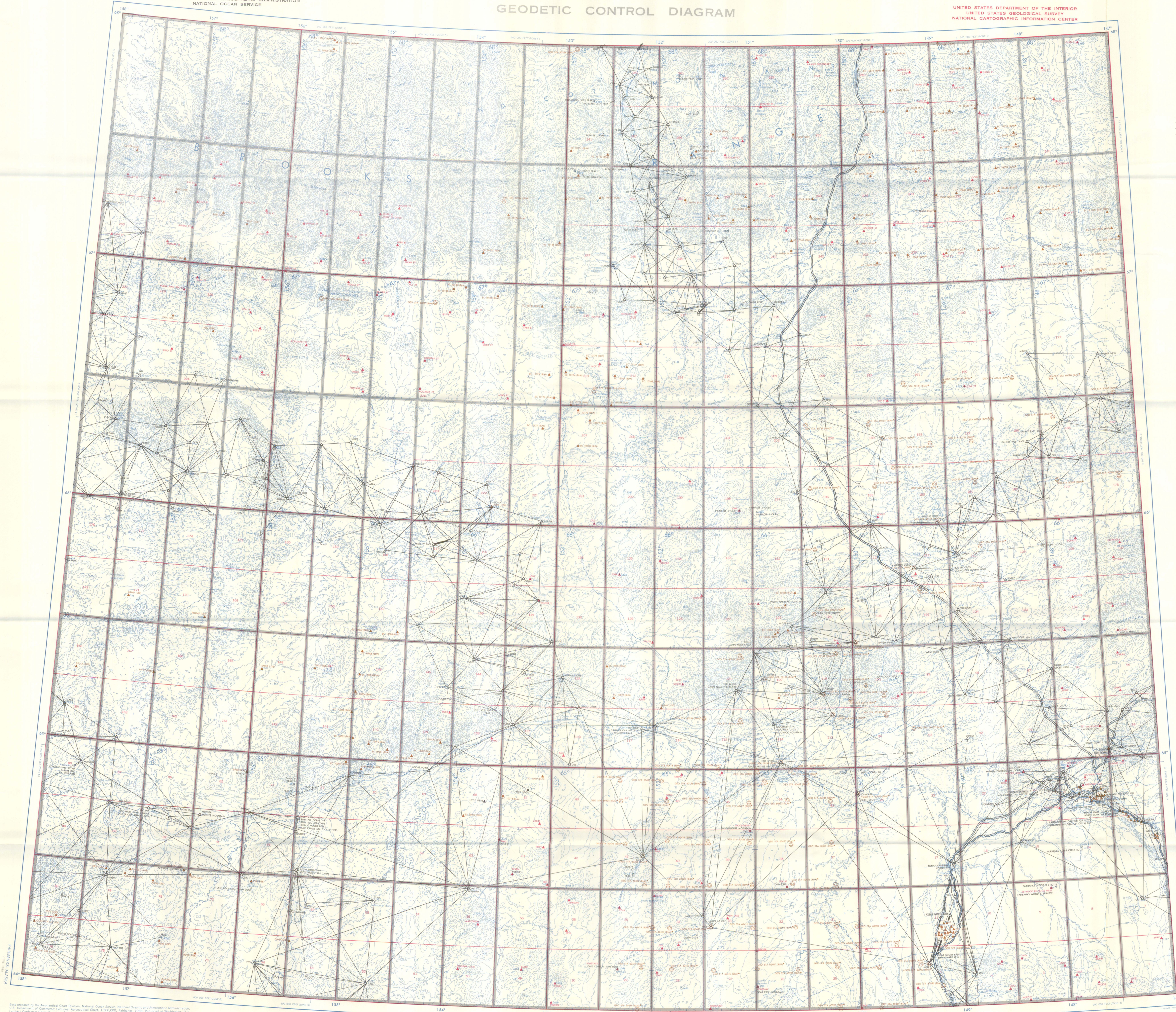


# GEODETIC CONTROL DIAGRAM



**HORIZONTAL CONTROL**

**VERTICAL CONTROL**

**STATE SURVEY CONTROL**

**CODES OF OTHER AGENCIES**

NATIONAL OCEAN SERVICE  
 OTHER AGENCIES  
 STATE SURVEY CONTROL  
 CODES OF OTHER AGENCIES

**NATIONAL OCEAN SERVICE  
THIRTY MINUTE QUADRANGLE DESIGNATION**

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	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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**GEOLOGICAL SURVEY  
QUADRANGLE DESIGNATION**

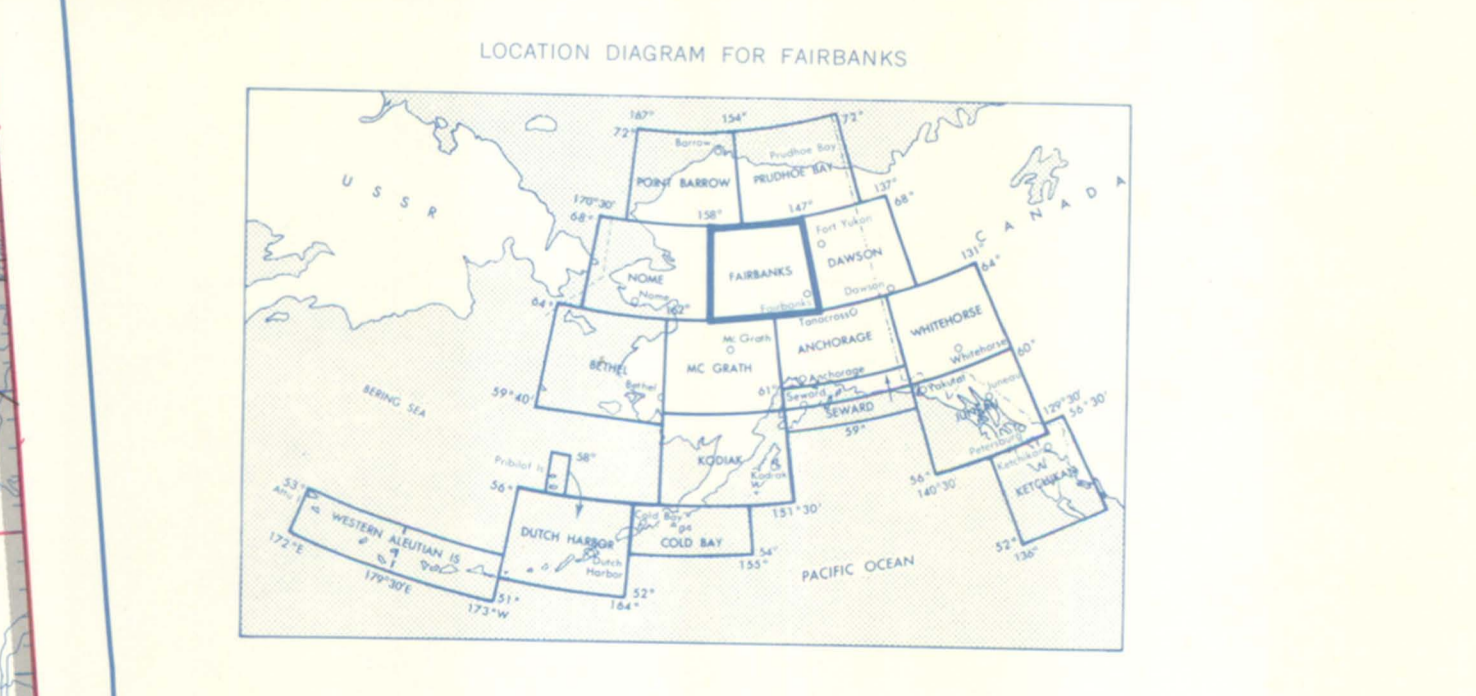
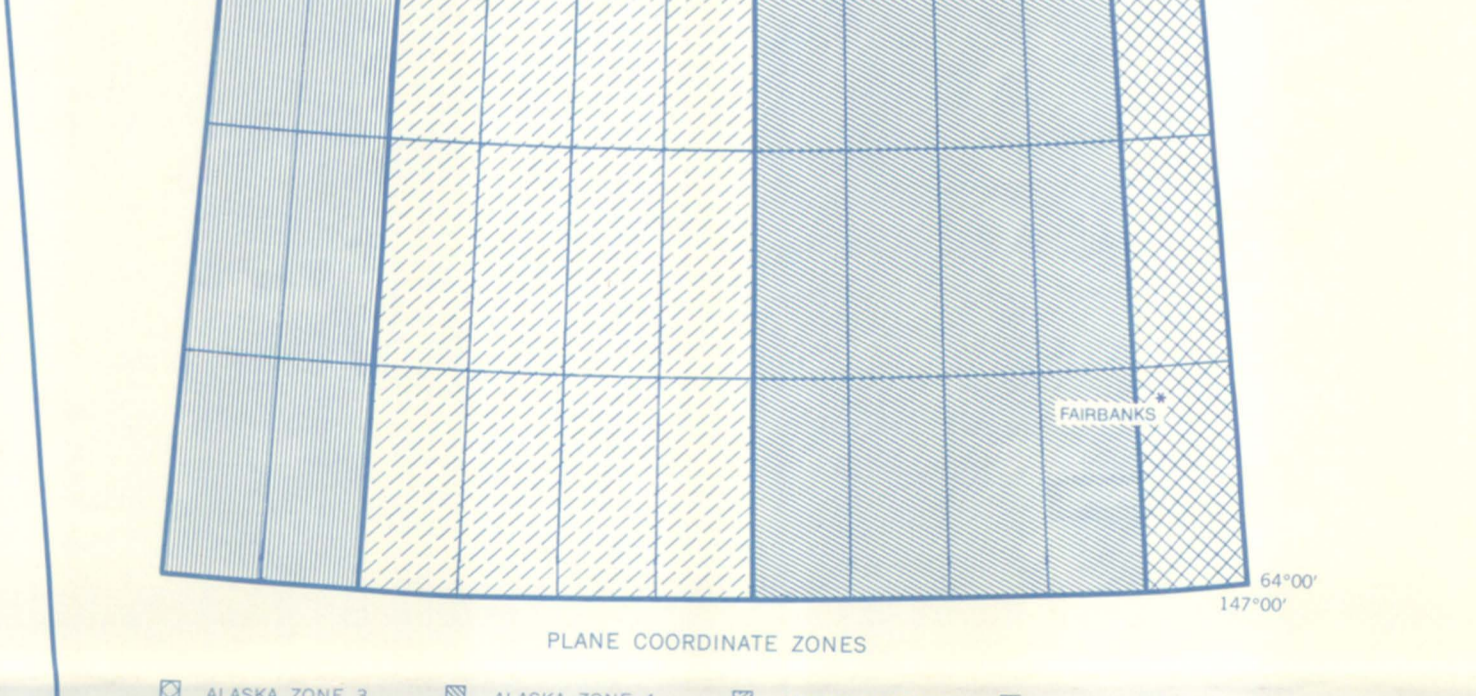
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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**OTHER AGENCIES**

FEDERAL BUREAU OF SURVEY  
 U.S. BUREAU OF LAND MANAGEMENT  
 DEFENSE MAPPING AGENCY

**PLANE COORDINATE ZONES**

ALASKA ZONE 3 ALASKA ZONE 4 ALASKA ZONE 5 ALASKA ZONE 6



Map prepared by the Aeronautical Chart Division, National Ocean Service, National Oceanic and Atmospheric Administration, U.S. Department of Commerce, Sectoral Administration Chart, 1:500,000, Fairbanks, 1963. Published on Washington, Alaska Coordinate System. Universal Transverse Mercator Projection, Zone 5, Zone 4, Zone 5, and Zone 6. Transverse Mercator projection, UTM Zone 5, UTM Zone 4, UTM Zone 5, and UTM Zone 6. Contour interval is 1000 Feet. Not for Aeronautical or Navigational Use.

Explanation of station name colors and agency code suffixes used on the Fairbanks Geodetic Control Diagram. Station names shown in black represent horizontal control observed by the National Geodetic Survey. Station names shown in red (USGS) which indicate an original observation is shown Mapping Agency. Stations observed by U.S. D. S. are shown in red. The agency and zone is later problem. Stations observed by USGS or other agencies improve the state of accuracy, or is performed by USGS, represents an agency other than N.G.S. Non-United States, with a single agency code suffix in the agency name and on many marks. When two agency code suffixes follow the station name, the first code refers to the agency where the station was set and the second code refers to the observing agency. Station points with agency code suffixes represent the establishing agency or the observing agency.

# KEY TO NUMBERED STATIONS

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SERVICE

PAGE NO. 1

DATE 11/21/85

FOR  
FAIRBANKS, ALASKA GEODETIC CONTROL DIAGRAM  
BY THE  
NATIONAL GEODETIC SURVEY

## NATIONAL OCEAN SERVICE

-----  
THESE NUMBERS IN BLACK ON DIAGRAM  
-----

1 TRAVERSE STATION 21 (USE)  
2 LADD EAST BASE  
2 LADD BASE PLUG B  
2 TRAVERSE STATION 1 (USE)  
2 TRAVERSE STATION 1 A (USE)  
2 TRAVERSE STATION 7 (USE)  
3 LADD BASE PLUG A  
3 TRAVERSE STATION 2 (USE)  
3 TRAVERSE STATION 4 (USE)  
3 TRAVERSE STATION 11 (USE)  
4 LADD WEST BASE  
4 TRAVERSE STATION 3 (USE)  
4 LADD FIELD AIRWAY BEACON (1944)  
5 FAIRBANKS STA WXP TWR  
6 FAIRBANKS ASTRO STATION (1900)  
6 FAIRBANKS EAST BASE (GLO)  
6 FAIRBANKS ALAS RR CO TANK  
6 FAIRBANKS ST JOSEPHS CH SPIRE  
6 FAIRBANKS PD BLDG BEACON (1941)  
6 FAIRBANKS US WEA BUR OBS PT  
6 FAIRBANKS N COML BLDG S STK  
6 FAIRBANKS N COML BLDG N STK  
7 CHENA EAST BASE  
8 PHILLIPS  
9 UNIVERSITY  
9 UNIVERSITY 2  
9 UNIVERSITY RM 1  
9 BENCH MARK CE 314  
9 FAIRBANKS WB (GLO)  
9 FAIRBANKS UN OF ALAS STK  
10 CHENA WEST BASE  
11 BENCH MARK H 60  
12 FAIRBANKS INTL APT CONTROL TWR  
13 WESTGATE  
13 BENCH MARK Z 59  
14 TRAVERSE STATION 34 (USE)  
15 FOWLER (USE)  
15 FAIRBANKS STA KFAR TWR  
16 INITIAL  
16 INITIAL RM 3  
16 INITIAL POINT (GLO)  
17 BALD (USE)  
17 LOOP (USE)  
18 BETTLES N BASE  
18 BETTLES N BASE AZ MK  
18 BETTLES ASTRO STA AZ MK  
19 BETTLES ASTRO STA (1955)  
19 BETTLES ASTRO STA RM 1  
19 AIRPORT BEACON BETTLES FIELD (1955)  
20 BETTLES S BASE  
20 BETTLES S BASE AZ MK  
20 BETTLES S BASE RM 3  
20 RNG BETTLES RADIO BTT

## U.S. GEOLOGICAL SURVEY

-----  
THESE NUMBERS IN RED ON DIAGRAM  
-----

1 FOX (GLO)  
1 FOX POINT (GLO)

## OTHER AGENCIES

-----  
THESE NUMBERS IN BROWN ON DIAGRAM  
-----

1 FOWLER RM 1 (USE)

1 FOWLER RM 2 (USE)  
1 NE COR SEC 31 (USE)  
1 NS-1 (USE)\*  
1 NS-2 (USE)\*  
1 NS-3 (USE)\*  
1 NS-4 (USE)\*  
1 4-A (USE)  
2 RANGE ASTRO AZ MK USC&GS (USE)  
2 LFC-12 (USE)\*  
2 LFC-15 (USE)\*  
2 LFC-19 (USE)\*  
2 LFC-80 (USE)\*  
2 LFC-81 (USE)\*  
2 LFC-82 (USE)\*  
2 Y-1 (USE)\*  
2 Y-2 (USE)\*  
2 Z-1 (USE)\*  
3 LFC-5 (USE)\*  
3 LFC-65 (USE)  
3 LFC-66 (USE)\*  
3 LFC-67 (USE)\*  
3 LFC-74 (USE)\*  
3 LFC-74 A (USE)  
4 LFC-8 (USE)\*  
4 LFC-10 (USE)\*  
4 LFC-13 (USE)\*  
4 LFC-14 (USE)\*  
4 LFC-16 (USE)\*  
4 LFC-17 (USE)\*  
4 LFC-17A (USE)\*  
4 LFC-18 (USE)\*  
4 LFC-70 (USE)\*  
4 LFC-71 (USE)  
4 LFC-71A (USE)  
4 LFC-72 (USE)  
4 LFC-73 (USE)\*  
5 LFC-6 (USE)\*  
5 LFC-60 (USE)\*  
5 LFC-61 (USE)\*  
5 LFC-62 (USE)\*  
5 LFC-68 (USE)\*  
5 LFC-69 (USE)  
6 LFC-20 (USE)\*  
6 LFC-22 (USE)\*  
6 LFC-22A (USE)\*  
6 LFC-23 (USE)\*  
6 LFC-24 (USE)\*  
6 LFC-29 (USE)\*  
6 LFC-30 (USE)\*  
6 LFC-31 (USE)\*  
6 LFC-32 (USE)\*  
6 LFC-33 (USE)\*  
6 Y-3 (USE)\*  
6 Y-4 (USE)\*  
6 Z-2 (USE)\*  
6 Z-3 (USE)\*  
6 Z-4 (USE)\*  
7 UNIVERSITY AZ MK USC&GS (USE)  
7 ACS-2 (USE)\*  
7 ACS-3 (USE)\*  
7 ACS-4 (USE)\*  
7 U-1 (USE)\*  
7 U-2 (USE)\*  
7 U-3 (USE)\*  
7 U-4 (USE)\*  
8  
9  
10 ISD (USE)\*  
10 NE COR S15 GLO (USE)  
10 A-1 (USE)\*

# KEY TO NUMBERED STATIONS

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SERVICE

PAGE NO. 2

DATE 11/21/85

FOR  
FAIRBANKS, ALASKA GEODETIC CONTROL DIAGRAM  
BY THE  
NATIONAL GEODETIC SURVEY

10 A-2 (USE)*	24 LFC-58R (USE)*
10 A-3 (USE)	24 LFC-59 (USE)
10 A-4 (USE)*	25 LFC-83 (USE)*
10 A-5 (USE)	26 LFC-201 (USE)*
10 A-6 (USE)	26 LFC-202 (USE)*
11 A-7 (USE)	26 LFC-203 (USE)*
11 A-8 (USE)	26 LFC-204 (USE)*
11 A-9 (USE)	26 LFC-208 (USE)*
11 A-10 (USE)	26 LFC-209 (USE)*
11 A-11 (USE)	26 LFC-210 (USE)*
12 A-12 (USE)	26 LFC-211 (USE)*
12 A-13 (USE)	27 LFC-205 (USE)*
12 A-14 (USE)*	27 LFC-206 (USE)*
12 A-15 (USE)	27 LFC-207 (USE)*
12 A-16 (USE)*	28 NS-5 (USE)
13 A-17 (USE)*	28 QSC 31 32 GLO (USE)
13 A-18 (USE)*	29 L-22 (USE)
13 A-19 (USE)	29 L-23 (USE)
13 A-20 (USE)*	30 C (USE)
13 A-21 (USE)*	30 D (USE)
13 TOWER (USE)	31 CLEAR ASTRO
14 DORAN AZ USC&GS (USE)	31 CLEAR ASTRO AZ MK (USE)
14 DIKE NO 1 (USE)	31 INST STA NO 1 (USE)
14 DIKE NO 2 (USE)	31 INST STA NO 2 (USE)
14 DIKE NO 3 (USE)	31 INST STA NO 3 (USE)
15 DIKE NO 5 (USE)	31 INST STA NO 4 (USE)
15 DIKE NO 7 (USE)	32 E (USE)
16 DIKE NO 9 (USE)	32 F (USE)
16 DIKE NO 10 (USE)	33 SLIM (USE)
16 DIKE NO 11 (USE)	33 L-1 (USE)
16 DIKE NO 12 (USE)	33 L-2 (USE)
16 DIKE NO 13 (USE)	33 L-3 (USE)
17 DIKE NO 14 (USE)	34 L-4 (USE)
17 DIKE NO 15 (USE)	34 L-5 (USE)
17 DIKE NO 16 (USE)	35 L-6 (USE)
17 DIKE NO 17 (USE)	35 L-7 (USE)
17 DIKE NO 18 (USE)	35 L-8 (USE)
17 DIKE NO 19 (USE)	36 L-9 (USE)
18 DIKE NO 20 (USE)	36 L-10 (USE)
18 DIKE NO 21 (USE)	36 L-11 (USE)
18 DIKE NO 22 (USE)	36 L-12 (USE)
19 DIKE NO 23 (USE)	36 M-1 (USE)
19 DIKE NO 24 (USE)	36 M-2 (USE)
19 DIKE NO 25 (USE)	36 M-3 (USE)
20 DIKE NO 26 (USE)	37 L-13 (USE)
20 DIKE NO 27 (USE)	37 L-14 (USE)
20 DIKE NO 28 (USE)	37 L-15 (USE)
21 DIKE NO 29 (USE)	37 L-16 (USE)
21 DIKE NO 30 (USE)*	38 L-17 (USE)
21 DIKE NO 31 (USE)	38 L-18 (USE)
21 DIKE NO 32 (USE)	38 L-19 (USE)
22 LFC-25 (USE)	38 L-20 (USE)
22 LFC-26 (USE)	38 L-21 (USE)
22 LFC-27 (USE)*	38 N-1 (USE)
22 LFC-28 (USE)*	38 N-2 (USE)
22 LFC-35 (USE)*	38 N-3 (USE)
23 LFC-37 (USE)	39 M-4 (USE)
23 LFC-38 (USE)	39 M-5 (USE)
23 Z-5 (USE)*	39 M-6 (USE)
23 Z-6 (USE)*	39 M-7 (USE)
23 Z-7 (USE)*	40 O-1 (USE)
23 Z-8 (USE)*	40 O-2 (USE)
23 Z-9 (USE)*	40 O-3 (USE)
24 LFC-50 (USE)	40 O-4 (USE)
24 LFC-51 (USE)*	40 O-5 (USE)
24 LFC-52 (USE)*	41 O-6 (USE)
24 LFC-53 (USE)*	41 O-7 (USE)
24 LFC-54 (USE)*	41 O-8 (USE)
24 LFC-55 (USE)*	41 O-9 (USE)
24 LFC-56 (USE)	42 O-10 (USE)

# KEY TO NUMBERED STATIONS

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SERVICE

PAGE NO. 3

DATE 11/21/85

FOR  
FAIRBANKS, ALASKA GEODETIC CONTROL DIAGRAM  
BY THE  
NATIONAL GEODETIC SURVEY

42 0-11 (USE)  
42 0-12 (USE)  
42 0-13 (USE)  
43 TFP (USE)  
43 TFP AZ MK (USE)  
43 VA-107 (USE)  
43 VA-108 (USE)  
43 VA-109 (USE)  
43 VERTEX 107 (USE)  
43 VERTEX 108 (USE)  
43 VERTEX 109 (USE)

\* THESE STATIONS ARE ALSO VERTICAL CONTROL POINTS  
AND ARE LISTED IN NGS QUAD 64147