



**NOTES**

- GRID SYSTEM IS ALASKA STATE PLANE, ZONE 1, HOLDING USCGS 'NUKDIK, 1943' AS N2,711,232.16, E2,356,271.58.
- VERTICAL IS IN FEET, BASED ON MEAN LOWER LOW WATER (MLLW=0.0), HOLDING NO.44/ND5 TBM '2463-D 1984' AT 27.43. TBM 2463-D IS LOCATED AT LETNIKOF COVE, SET VERTICALLY IN THE CONCRETE FOUNDATION OF THE POWERHOUSE BUILDING. THIS TBM WAS USED BECAUSE OF A LACK OF AVAILABLE CURRENT DATA AT HAINE'S. THE LEVELS FROM THIS TBM INDICATE A CHANGE IN VERTICAL DATA AT HAINE'S OF +2.7 FROM THE USCGS 5/16/61 TBM LISTING. THE LETNIKOF COVE LISTING (945 2463) IS DATED 12/23/85.
- FOUNDINGS ARE MINUS UNLESS OTHERWISE INDICATED.
- THIS DRAWING INDICATES GENERAL CONDITIONS AT TIME OF SURVEY.
- THE PHOTOGRAPHY WAS TAKEN 17 AUGUST 1980 AND HAS BEEN RESTITUTED BY ORTHOPHOTOSCOPE.

PROJECT LIMITS					
STA	NORTHING	EASTING	STA	NORTHING	EASTING
1	2,707,846	2,353,509	12	2,707,952	2,354,299
2	2,707,581	2,353,863	13	2,707,941	2,354,103
3	2,707,625	2,353,797	14	2,707,745	2,354,113
4	2,707,705	2,353,562	15	2,707,730	2,354,109
5	2,708,014	2,353,542	16	2,707,751	2,354,037
6	2,708,016	2,353,582	17	2,707,578	2,354,067
7	2,708,024	2,353,732	18	2,707,563	2,354,046
8	2,707,999	2,353,733	19	2,707,436	2,354,011
9	2,707,984	2,353,872	20	2,707,239	2,354,083
10	2,708,010	2,353,874	21	2,707,191	2,353,981
11	2,707,997	2,354,002			

U.S. ARMY ENGINEER DISTRICT, ALASKA  
CORPS OF ENGINEERS  
ANCHORAGE, ALASKA

HAINES, ALASKA  
**HAINES HARBOR**  
CONDITION SURVEY  
20-21 MARCH 1989

SURVEYED: ITJ  
DRAWN: DER  
CHECKED:  
SUBMITTED:  
RECOMMENDED: [Signature]  
APPROVED: [Signature]  
DATE: 8 Jun 89

SCALE: 1" = 50'

SURVEY NO. 1495-89  
SHEET 1 OF 1