

NOTES

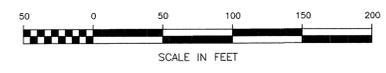
- HORIZONTAL CONTROL IS ALASKA STATE PLANE, ZONE 1, IN FEET, HOLDING SBC "USLM 1627 AS N 1,270,479.87, E 3,129,087.99 AND USCG'S TRI-STATION COPPER BOLT "MOUNT, 1910" AS N 1,270,907.85, E 3,127,395.64.
- VERTICAL CONTROL IS IN FEET, REFERRING TO MEAN LOWER LOW WATER (MLLW=0.0'), HOLDING "ATS 766 RM 1" AS 13.65' FROM USCG DRAWING, INV. NO. DACW85-92-B-0028, DATED AUGUST 26, 1992.
- SOUNDINGS ARE IN FEET AND ARE MINUS UNLESS OTHERWISE INDICATED.
- DATA ACQUISITION WAS CONDUCTED ON MARCH 25, 1998. SOUNDINGS WERE OBTAINED WITH AN ODOM ECHOTRAC DF3200KII DEPTH SOUNDER. POSITIONING WAS PROVIDED BY A TRIMBLE Ag120 DGPS RECEIVER OPERATING ON CORRECTIONS RECEIVED FROM A TRIMBLE 4000SSE LOCAL BASE STATION SET AT MOUNTAIN GPS, 1990. SURVEY DATA WAS COLLECTED USING HYPACK INTEGRATED SOFTWARE. DEPTHS WERE CORRECTED FOR TIDE USING READINGS TAKEN FROM AN ENDECO TIDE GAUGE INSTALLED BY TERRA SURVEYS, LLC.
- THIS SURVEY INDICATES GENERAL CONDITIONS ON THE DATES OF SURVEY.

CONTROL DATA				
STATION	NORTHING	EASTING	ELEV.	DESCRIPTION
USLM 1627	1,270,479.87	3,129,087.99		BC ON POST
MOUNT 1910	1,270,907.85	3,127,395.64		COPPER BOLT
MOUNTAIN GPS 1990	1,270,849.45	3,128,891.34	22.89	3 1/4" NCS SBC, NO RECORD INFO. AVAIL
MPB-1, 1998	1,270,617.54	3,128,634.81	21.25	Set 3 1/4" BC IN ROCK
MPB-2, 1998	1,270,852.30	3,128,710.07	21.44	Set 3 1/4" BC IN ROCK
ATS 766 RM 1			13.69	ALCAP ON REBAR

**SURVEYOR'S CERTIFICATE**  
 I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND LICENSED TO PRACTICE LAND SURVEYING IN THE STATE OF ALASKA AND I AM AN ACSM, CERTIFIED INSHORE HYDROGRAPHER. THIS PLAT REPRESENTS A HYDROGRAPHIC SURVEY MADE BY ME OR UNDER MY DIRECT SUPERVISION. THE ELEVATIONS SHOWN HEREON ACCURATELY DEPICT THE DEPTHS AS SURVEYED MARCH 25, 1998.

THOMAS S. NEWMAN, P.L.S.  
 REGISTRATION NO. LS 8034  
 ACSM CERTIFICATION NO. 173

DATE: 5-18-98



DESCRIPTION	NAVIGATION AIDS	
	USCG NO.	NORTHING EASTING
MOUNTAIN POINT DAY BEACON 2	21973	1,270,737 3,128,557

REV. DATE	DESCRIPTION	BY	APP'D.
CONTRACT NO. DACW85-98-D-0004			
CONTRACTOR TERRA SURVEYS, LLC		STATE AK	
CITY PALMER			
ALASKA DISTRICT CORPS OF ENGINEERS ANCHORAGE, ALASKA			
SURVEYED: KDW	<b>MOUNTAIN POINT, ALASKA</b> <b>MOUNTAIN POINT BREAKWATER</b> <b>PROJECT CONDITION SURVEY</b> <b>MARCH 25, 1998</b>		
DRAWN: RLW			
CHECKED: TSN			
SUBMITTED: [Signature]			
RECOMMENDED: [Signature]			
APPROVED: [Signature]	DATE: 5/27/98		
PROJECT MANAGER	CHIEF OPERATIONS BRANCH		
SURVEY NO. 1768-98	SCALE: 1" = 50'		
		SHEET 1 OF 1	