



ORIGINAL

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: October 28, 1994

MARINE CENTER: Pacific

OPR: P180

HYDROGRAPHIC SHEET: H-10554

LOCALITY: Eight NM South of Sutwik Island Cape, Shelikof Strait,
Alaska

TIME PERIOD: July 19 - August 11, 1994

TIDE STATION USED: 945-8582 Foggy Cape, Sutwik Island,
Alaska
Lat. $56^{\circ} 32.2'N$ Lon. $156^{\circ} 58.5'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): = 3.36 feet

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: = 9.0 feet

TIDE STATION USED: 945-8665 West Sutwik Island,
Alaska
Lat. $56^{\circ} 32.4'N$ Lon. $157^{\circ} 19.6'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): = 1.40 feet

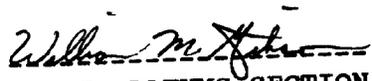
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: = 8.6 feet



REMARKS: RECOMMENDED ZONING

1. North of $56^{\circ} 25.0'N$, and east of $157^{\circ} 08.0'W$, times and heights are direct on Foggy Cape, Sutwik Island, Ak. (945-8582). Where data for Foggy Cape was not available, use West Sutwik Island, Ak. (945-8665), with times direct, and apply a X1.04 range ratio to the heights.
2. North of $56^{\circ} 25.0'N$, and west of $157^{\circ} 08.0'W$, times and heights are direct on West Sutwik Island, Ak. (945-8665).
3. South of $56^{\circ} 25.0'N$, and east of $157^{\circ} 08.0'W$, times are direct, and apply a X0.94 range ratio to heights at Foggy Cape, Sutwik Island, Ak. (945-8582). Where data for Foggy Cape was not available, use West Sutwik Island, Ak. (945-8665), with times direct, and apply a X0.99 range ratio to heights.
4. South of $56^{\circ} 25.0'N$, and west of $157^{\circ} 08.0'W$, times are direct, and apply a X0.96 range ratio to West Sutwik Island, Ak. (945-8665).

NOTES: Hourly heights are tabulated on Greenwich Mean Time. The data for Foggy Cape, Sutwik Island, Ak. (945-8582) and West Sutwik Island, Ak. (945-8665) are stored in the Next Generation Water Level Measurement System temporary files #745-8582 and #745-8665 respectively.


CHIEF, DATUMS SECTION