Field Tide Note
Point Adolphus, Icy Strait, Alaska
Station Number 945-2516
April to May, 1988

Field tide reduction of sounding data for surveys H-10271 and H-10268 was based on predicted tides from Juneau, Alaska (945-2210), and corrected to the survey area. Tide correctors were interpolated by PDP/8e computer using AM 500.

The calculated correctors shown below were based on zone correctors specified by project instructions.

Survey	Time Correction High Water	Time Correction Low Water	Height Correction Range Ratio
H-10271	0	0	× 0.90
H-10268	0	0	× 0.90

All times of predicted and reported tides are expressed in Coordinated Universal Time. Predicted tides were acceptable for hydrography with no discrepancies in the raw data attributed to tidal errors.

A Bristol Gas-Purged Pressure Recording Tide Gauge, Model 15 (gauge s/n 67A10294, chart drive s/n 512332), range 0 to 30 feet, was installed in support of surveys H-10271 and H-10268. Location and dates of operation are as follows:

Site	Location	Dates of Operation
Point Adolphus, Icy Strait, Alaska	58/17/12N 135/46/12W	April 13 to May 18

Point Adolphus

The tide gauge, staff and orifice were installed at Point Adolphus, Icy Strait, Alaska, on April 13. A three-hour observation on April 13 confirmed consistent gauge-to-staff differences. Data collection continued until May 18, when the gauge, staff, and orifice were removed.

The gauge ran well throughout the project. The zero mark on the tide staff corresponded to 6.1 feet on the gauge.

Levels

The comparison between opening and closing level runs indicates no significant staff movement.

Zoning Recommendations

None

Approval

Submitted by:

Michael Lemon
Ensign, NOAA

Reviewed by:

C. Douglas Mason
Lieutenant Commander, NOAA
Field Operations Officer

Date:

22 JUL 08

Field Tide Note
North Side, Pleasant Island, Icy Strait, Alaska
Station Number 945-2478
April to May, 1988

Field tide reduction of sounding data for surveys H-10271 and H-10268 was based on predicted tides from Juneau, Alaska (945-2210), and corrected to the survey area. Tide correctors were interpolated by PDP/8e computer using AM 500.

The calculated correctors shown below were based on zone correctors specified by project instructions.

Survey	Time Correction High Water	Time Correction Low Water	Height Correction Range Ratio
H-10271	0	0	× 0.90
H-10268	0	0	× 0.90

All times of predicted and reported tides are expressed in Coordinated Universal Time. Predicted tides were acceptable for hydrography with no discrepancies in the raw data attributed to tidal errors.

A Bristol Gas-Purged Pressure Recording Tide Gauge, Model 15 (gauge s/n 64A11033, chart drive s/n 210105), range 0 to 30 feet, was installed in support of surveys H-10271 and H-10268. Location and dates of operation are as follows:

Site	Location	Dates of Operation
North Side, Pleasant Island, Icy Strait, Alaska	58/23/12N 135/37/42W	April 15 to May 18

North Side, Pleasant Island

The tide gauge, staff and orifice were installed at North side, Pleasant Island, Icy Strait, Alaska, on April 15. A three-hour observation on April 15/16 confirmed consistent gauge-to-staff differences. Data collection continued until May 18, when the gauge, staff, and orifice were removed.

The gauge ran well throughout the project. The zero mark on the tide staff corresponded to 5.8 feet on the gauge.

Levels

The comparison between opening and closing level runs indicates no significant staff movement.

Zoning Recommendations

None

Approval

Submitted by:	Reviewed by:	Date:
Michael Lemon Ensign, NOAA	C. Douglas Mason Lieutenant Commander, NOAA Field Operations Officer	22 JULY '88