

A	B	C	D	E	F
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1. REFER TO SURVEY NO. 25-276.
2. DEPTHS DEPICTED BY THIS SURVEY ARE REFERENCED TO MEAN LOWER LOW WATER (MLLW), TIDAL EPOCH 1983-2001, AS REPORTED BY THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA).
3. NOAA'S VDUTUM MODEL, AND PUBLISHED TIDE STATION DATA, WERE USED TO GENERATE A HYPACK KINEMATIC TIDE DATUM (KTD) MODEL. THIS KTD MODEL, BEING A COMBINATION OF THOSE TWO SOURCES, CANNOT BE CONSIDERED EQUIVALENT TO THE VDUTUM MODEL BECAUSE OF POSSIBLE ADDITIONS OR EDITS THERETO. DO NOT USE VDUTUM IN PLACE OF THE KTD FILE. THE KTD MODEL USED FOR THIS SURVEY IS:

CAMDENGA-NASSAU-DUVAL-STJOHNS-FLAGLER_20191202.KTD
4. CONVERSIONS FROM THE GPS-DERIVED ELLIPSOID HEIGHTS WAS ACHIEVED VIA NOAA'S GEOID MODEL "GEOID18".
5. TIDAL REDUCTIONS WERE OBTAINED UTILIZING A REAL-TIME KINEMATIC (RTK) GPS AND REFERENCED TO MLLW UTILIZING THE KTD FILE REFERENCED ABOVE, AND CALIBRATED TO THE PUBLISHED MLLW HEIGHTS OF THE BENCH MARK ASSOCIATED WITH THE NOAA TIDE GAGE SITE SPECIFIED BELOW:

<u>AREA SURVEYED</u>	<u>TIDE GAGE</u>	<u>VERTICAL CALIBRATION</u>
ST AUGUSTINE INLET	STATION 872-0554	872 0554 B TIDAL
6. ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
7. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE EAST ZONE OF FLORIDA AND REFERENCED TO NORTH AMERICAN DATUM OF 1983 (NAD83), ADJUSTMENT OF 2011.
8. ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.

<u>AREA SURVEYED</u>	<u>RTK BASE LOCATION</u>	
ENTIRE PROJECT	RAMP RESET (PID: BBCB11)	
10. VERTICAL MEASUREMENTS WERE MADE USING A RESON T-20P MULTI BEAM SYSTEM. ALL DEPTHS SHOWN ARE IN HIGH FREQUENCY.		
<u>VESSEL</u>	<u>DATE OF SURVEY</u>	<u>CUT</u>
SV EL MORRO	22 OCT 2025	ENTRANCE CHANNEL

11. AIDS TO NAVIGATION WERE COLLECTED DURING THIS SURVEY.

ST. AUGUSTINE INLET
ST. JOHNS COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY25
16-FOOT PROJECT

INDEX, LOCATION AND VICINITY



