30 April, 2020

SURVEY 20-029
U. S. Coast Guard Station New Orleans
Metairie, LA
Jefferson Parish, Louisiana
Exam Survey

PROJECT LOCATION
The project is located in New Orleans, Louisiana
The physical street address is:
201 Metairie-Hammond Hwy, Metairie, LA 70005

SCHEDULE
The field survey shall be completed no later than XX Month, 2020. All deliverables are due 2 weeks after delivery to USACE Jacksonville.

SCOPE OF WORK
This survey is being performed at the request of the U. S. Coast Guard. Hydrographic data shall be obtained for the below area using multi beam. However, if multi- beam is unavailable single beam maybe used, cross sections intervals shall not be any greater than 50-feet. However, a tighter line spacing is required in the immediate vicinity of the USCG dock facilities, no greater than 25-feet.
In addition, Collect dock corner locations

The limits of the hydrographic survey shall include the areas defined in the drawing file mentioned below as well as the attached PDF's. This includes the areas shown as cross hatched and around the docks. The drawing file was created from areal imagery and may be off. For this reason we are looking for the XY's of the dock location to justify the survey and channel location.

DRAWING FILE
USCGS New_Orleans_LA.dgn
This file can be found at:
SAJ Surver
W:\u5dgn\US_Coast_Guard_Stations\LOUISIANA-New Orleans District\20-029_New Orleans\2_PROJECT CONTROL\CHANNEL FILE

NAVD88 TO MLLW CONVERSION FACTOR/KTD File
The digital file named "To Be Determined.ktd" is to be utilized for the conversion factors for the NAVD88 to MLLW conversion for this project. The conversion factors for this project shall be based upon NOAA VDatum and provided by the USACE District Office completing the survey.

ADDITIONAL SURVEY REQUIREMENTS
1. Locate all Aids to Navigation within hydrographic survey area.
2. Obtain XY coordinates on the corners of the USCG docks/piers/slips, and boat ramp.
3. Positions shall be tied to the State Plane Coordinate system, NAD83/2011 Louisiana State Planes, Southern Zone, US Foot.
4. U.S. Survey Feet shall be the unit of measure.
5. Elevations shall be referenced to NOAA VDatum model for Mean Lower Low Water (MLLW) tidal datum, 1983-2001 epoch related to NAVD88. It is required that the vertical control for this project be tied into a tidal benchmark that is included in the NOAA VDatum network.

6. A minimum of two horizontal/vertical control monuments which are intervisible to each other shall be recovered or set on the subject project site.

7. It will be the responsibility of survey personnel to communicate with the USCG Station New Orleans personnel to facilitate the relocation of the vessels prior to the survey to facilitate the ability to obtain survey data in and around the birthing areas. If you need a “Point of Contact” for Station New Orleans, you should contact:

Lisa Holland
U.S. Army Engineer District, Jacksonville
P.O. Box 4970
701 San Marco Blvd.
Jacksonville, FL 32232-0019
Voice: 904-232-1059

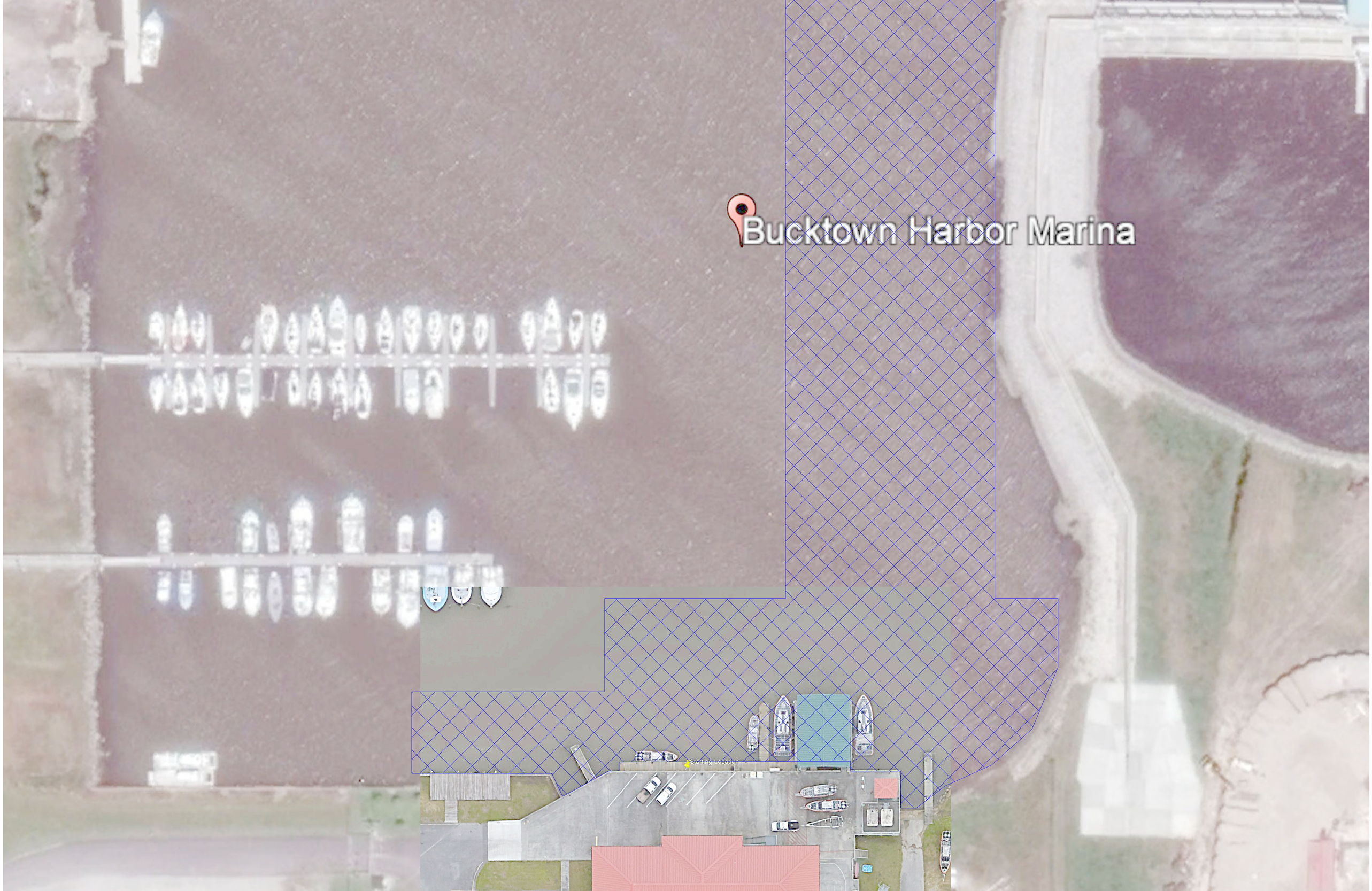
DELIVERABLES MOBILE

1. Submit the following upon completion of the field survey:
2. Raw data including GPS data at base stations and rovers (data must be logged to facilitate post-processing and complete HYPACK project (raw, edited, sorted, line files, tide files, etc…)).
3. Edited data including Hypack files, XYZ files, etc.
4. Field Books
5. Log Sheets
6. Survey Report

DELIVERABLES JACKSONVILLE

1. If single beam data is collected, then digital cross-section views shall be generated for “High vs. Low frequency” as well as “Old vs. New”, assuming “Old” files are available.
2. Digital Maps shall be in the DGN format at a scale of 1 inch = 30-feet on “E-size” for “full-size” mapping. For “C- size” half-scale paper plots, use 1”=60-feet. The maps shall include a vicinity sketch which shows the proximity of the project in relation to nearby incorporated areas, main highways, etc.
3. Volume computations are required for this project.
4. eHydro

Bucktown Harbor Marina


Bucktown Harbor Marina
Starting Location