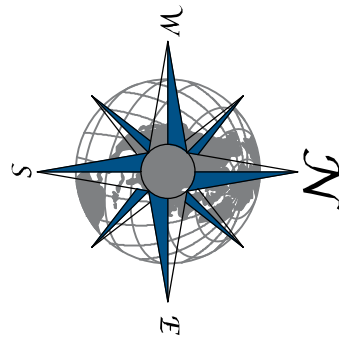
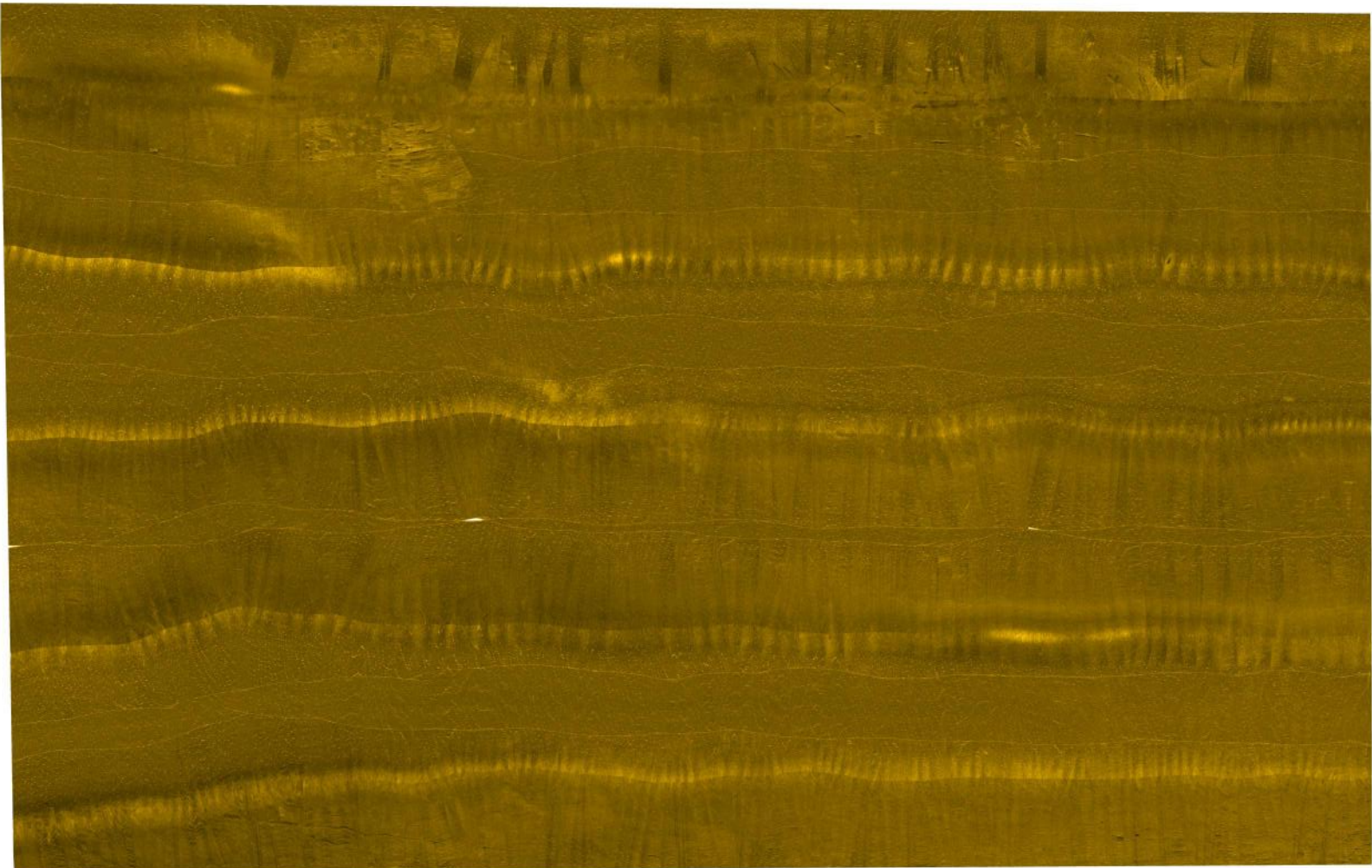


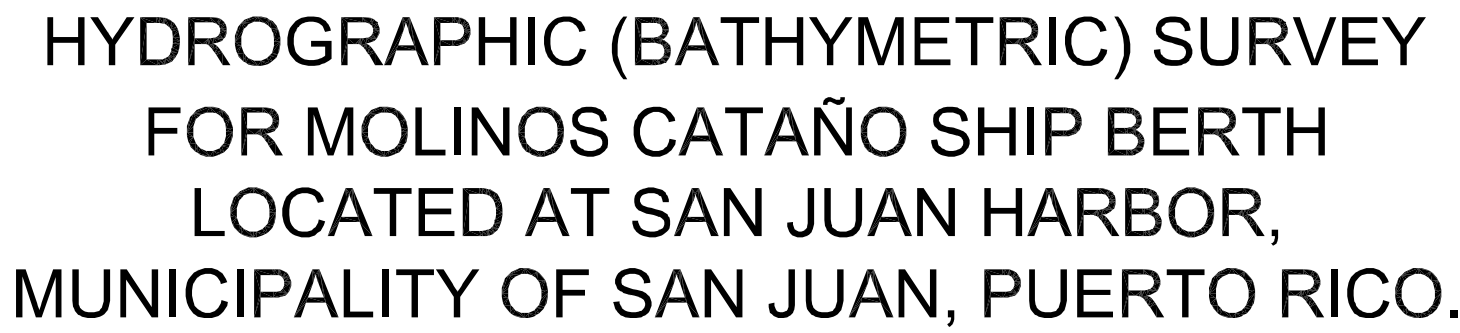


SCALE 1" = 300



SIDESCAN MOSAIC

NOT TO SCALE



INDEX OF DRAWINGS:

SHEET NO.	DESCRIPTION
VF-1	TITLE SHEET, INDEX, GENERAL NOTES, LEGEND, MAPS AND CONTROLS.
VF-2	HYDROGRAPHIC (BATHYMETRIC) SURVEY

GENERAL NOTES :

1. ALL DISTANCES ARE EXPRESSED IN US SURVEY FEET, UNLESS OTHERWISE NOTED.
2. FIELDWORK PERFORMED ON JUNE 21, 2023.
3. HORIZONTAL CONTROLS ARE REFERRED TO NAD 83 (2011) EPOCH 2010.00.
4. VERTICAL DATUM IS REFERRED TO MEAN LOWER LOW WATER.
5. PLEASE REFER TO SURVEY JEB-3956.
6. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULT OF THE SURVEY MADE ON THE DATE INDICATED AND CAN BE ONLY CONSIDERED AS AN INDICATION OF THE GENERAL CONDITIONS EXISTING AT THAT TIME.
7. AERIAL IMAGERY SHOWN FOR REFERENCE PURPOSES. ONLY INFORMATION COLLECTED ON GROUND SHALL BE USED FOR ENGINEERING DESIGN.
8. EQUIPMENT UTILIZED FOR THIS SURVEY:
 - A) VESSEL: SURVEYOR 1
 - B) ECHO SOUNDER: ODOM CV100 WITH 33/200KHZ TRANSDUCER.
 - C) POSITIONING: TRIMBLE R10 GNSS RECEIVERS.
 - D) SIDESCAN: STARFISH 990 SIDESCAN SONAR SYSTEM.
 - E) SOFTWARE : HYPACK, CARLSON SURVEY.
9. THE DETAILED FINDINGS OF THE SIDESCAN ARE INCLUDED IN THE PROJECT REPORT "3881_HYD_REP.PDF". HEREBY MADE PART OF THESE DRAWINGS AND NOT VALID IF SEPARATED FROM EACH OTHER.

PROJECT DATUMS DIAGRAM

- A. DATUM: MEAN LOWER LOW WATER (MLLW).
B. UNITS: US SURVEY FOOT
C. TIDAL BENCHMARK 975 5371
D. GRAPHIC: DIFFERENCE BETWEEN MEAN SEA LEVEL & MEAN LOWER LOW WATER.

Diagram illustrating vertical elevations relative to a datum:

- MEAN HIGHER HIGH WATER (MHHW): 0.26 FT
- MEAN HIGH WATER (MHW): 0.55 FT
- PRVD02 (MEAN SEA LEVEL): 0.56 FT
- MEAN LOW WATER (MLW): 0.56 FT
- MEAN LOWER LOW WATER (MLLW): 0.20 FT

DATUM FOR THIS PROJECT is indicated by a line pointing to the 0.20 FT elevation.

E. LEGEND: + -33.45 DEPTH BELOW MLLW.

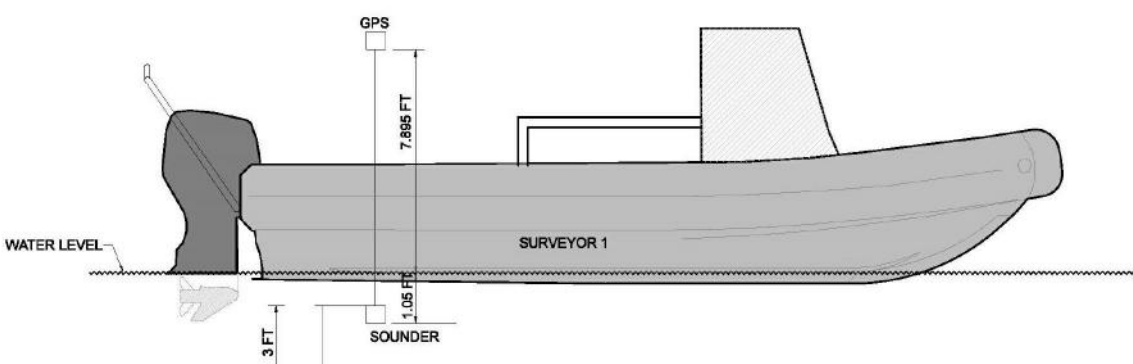
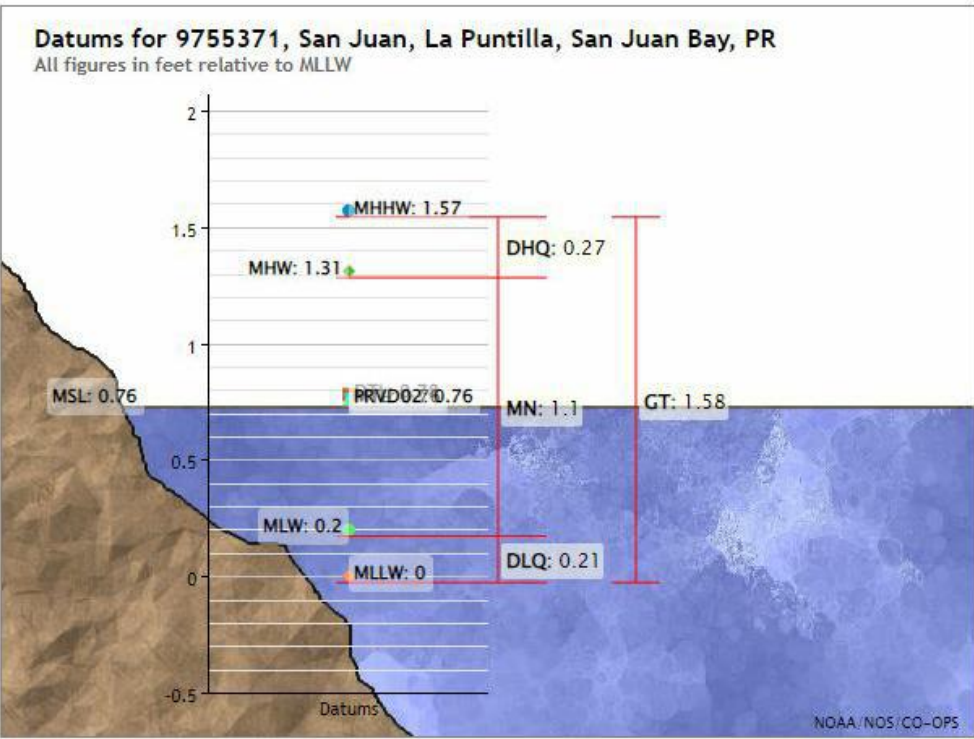
TARGETS TABLE			
TARGET	COORDINATES		DESCRIPTION
	NORTHING	EASTING	
T-1	874,769.6	768,250.4	DEBRIS
T-2	874,695.3	768,217.1	DEBRIS
T-3	874,332.3	768,217.7	DEBRIS
T-4	874,200.9	768,219.9	DEBRIS
T-5	873,808.5	768,226.9	DEBRIS
T-6	873,599.0	768,223.5	DEBRIS
T-7	874,021.2	768,278.5	DEBRIS

SURVEY CONTROLS

STATION	COORDINATES		ELEVATION (MLLW)	DESCRIPTION
	NORTHING	EASTING		
3881-1	885,410.562	770,321.093	5.405	PK NAIL AND WASHER
3881-2	885,332.011	770,403.483	4.885	PK NAIL AND WASHER
3881-2	875,118.917	768,063.124	4.202	PK NAIL AND WASHER

MAIN LEGEND

3098-1		CONTROL STATION
+ 35.45		SPOT ELEVATIONS (DEPTH BELOW MLLW)
		CONTOUR INTERVAL EVERY 1.0 FOOT
		CONTOUR INTERVAL EVERY 5 FEET
		EXISTING STRUCTURES
		BUOY (AID TO NAVIGATION)
T-1		TARGETS (SEE PROJECT REPORT)
		MOORING
		HYDRANT



SURVEYOR 1 VESSEL DIAGRAM

NOT TO SCALE

[illegible]

HYDROGRAPHIC (BATHYMETRIC) SURVEY

FOR MILL CATAÑO SHIP BERTHS
LOCATED AT SAN JUAN HARBOR
MUNICIPALITY OF SAN JUAN, PUERTO RICO

PLOT SCALE : 1:1

LAST DAY OF FIELD SURVEY	JUNE 21, 2023
DRAWN BY:	J.C.
CHECKED BY:	C. LEBRON
SCALE:	AS SHOWN

CERTIFY CORRECT

I, CARLOS M. LEBRON CABRERA,
HEREBY CERTIFY THAT THIS PLAN IS
AN EXACT AND TRUE GRAPHIC
REPRESENTATION OF THE EXISTING
CONDITIONS

DocuSigned by:
Carlos Lebrón
9E8B9378FEB942

CARLOS M. LEBRON CABRERA
LAND SURVEYOR M Lebron CAB 23744



U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES



DATE: SEP SHEET NO. 1

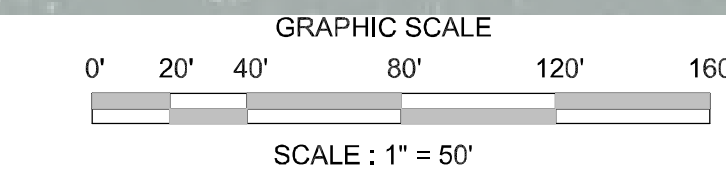
PROJECT	VF-1	2
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PAPER SIZE: 24x36

HYDROGRAPHIC (BATHYMETRIC) SURVEY

SCALE 1" = 50'

NOTE: FOR LEGEND AND GENERAL NOTES, PLEASE SEE DWG. NO. VF-1



ELEVATIONS TABLE		
MINIMUM ELEVATION	MAXIMUM ELEVATION	COLOR
0	20.99	
21	24.99	
25	29.99	
30	34.99	
35	39.99	
40	100	

GREEN BUOY
N= 874739.59
E= 769006.72

