U.S. Department of Commerce National Oceanic and Atmospheric Administration National Ocean Service			
DESCRIPTIVE REPORT			
Type of Survey:	Habitat Mapping		
Registry Number:	W00608		
	LOCALITY		
State(s):	Florida		
General Locality:	Offshore Cedar Key		
Sub-locality:	5NM South of Cedar Key		
	2018		
	CHIEF OF PARTY Nancy DeWitt		
	LIBRARY & ARCHIVES		
Date:			

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION		REGISTRY NUMBER:
HYDROGRAPHIC TITLE SHEET		W00608
INSTRUCTIONS: The Hydrographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.		
State(s):	Florida	
General Locality:	Offshore Cedar Key	
Sub-Locality:	5NM South of Cedar Key	
Scale:	40000	
Dates of Survey:	11/27/2018 to 12/13/2018	
Instructions Dated:	N/A	
Project Number:	ESD-PHB-22	
Field Unit:	US Geological Survey	
Chief of Party:	Nancy DeWitt	
Soundings by:	Teledyne RESON SeaBat T50-P (MB)	ES)
Imagery by:	N/A	
Verification by:	Pacific Hydrographic Branch	
Soundings Acquired in:	meters at Mean Lower Low Water	

Remarks:

Any revisions to the Descriptive Report (DR) applied during office processing are shown in red italic text. The DR is maintained as a field unit product, therefore all information and recommendations within this report are considered preliminary unless otherwise noted. The final disposition of survey data is represented in the NOAA nautical chart products. All pertinent records for this survey are archived at the National Centers for Environmental Information (NCEI) and can be retrieved via https://www.ncei.noaa.gov/. Products created during office processing were generated in NAD83 UTM 17N, MLLW. All references to other horizontal or vertical datums in this report are applicable to the processed hydrographic data provided by the field unit.

DESCRIPTIVE REPORT MEMO

October 05, 2022

MEMORANDUM FOR:	Pacific Hydrographic Branch
FROM:	Report prepared by PHB on behalf of field unit Nancy DeWitt Chief of Party, US Geological Survey
SUBJECT:	Submission of Survey W00608

From the Summary of the Data Release (https://doi.org/10.5066/P9ZIZFSM):

The U.S. Geological Survey (USGS) St. Petersburg Coastal and Marine Science Center (SPCMSC) conducted a multibeam bathymetry survey of a selected area offshore Cedar Key, Florida (FL) for the Florida Big Bend Pilot Study funded by USGS and the National Oceanic Atmospheric Administration (NOAA). The study involves federal, state, and local agencies who are taking a comprehensive approach to investigate the interconnections between the subsurface geology and the ecological processes that support the diverse coastal habitat. This research will help improve design planning and execution for effective restoration efforts.

A 1-meter MBES grid was provided to the Pacific Hydrographic Branch via the External Source Data Team.

All soundings were reduced to Mean Lower Low Water using VDatum. The horizontal datum for this project is North American Datum of 1983 (NAD 83). The projection used for this project is Universal Transverse Mercator (UTM) Zone 17.

The original xyz file was shifted from WGS84 UTM 17N and WGS84 height to NAD83 UTM 17N and MLLW using VDatum. The shifted xyz file was then imported into CARIS Base Editor as a point cloud which was then imported as a 1 meter grid.

All data were reviewed for DTONs and none were identified in this survey.

U.S. Geological Survey acquired the data outlined in this report. Data are available at https://doi.org/10.5066/P9ZIZFSM. Additional documentation from the data provider may be attached to this report.

This survey does meet charting specifications and is adequate to supersede prior data.