

<b>Descriptive Report Summary to Accompany F00698</b>	
Project	OPR-J348-KR-17
Survey	F00698
State	Texas
Locality	Galveston, TX
Sub Locality	Houston-Galveston Channel
Scale of Survey	1:80,000
Sonars Used	EdgeTech 4200, Teledyne/Reson T50-P
Horizontal Datum	North American Datum of 1983 (NAD83)
Vertical Datum	Mean Lower Low Water (MLLW)
Vertical Datum Correction	ERS/VDatum and TCARI Verified Observed Tides
Projection	Latitude - Longitude (NAD83) - UTM Zone 15 North
Field Unit	Contractor, David Evans and Associates Inc., Survey Vessel <i>Blake</i>
Survey Dates	September 2, 2017 – September 5, 2017
Chief of Party	Jonathan L. Dasler, David Evans and Associates, Inc.

*Table 1: F00698 Metadata*

#### **A. Area Surveyed**

This survey was conducted as an emergency response to open shipping lanes following Hurricane Harvey. Data acquisition and products were time critical for the safety of maritime commerce. Quality assurance checks in the field were abbreviated to focus on time sensitive deliverables.

This hydrographic survey was generally acquired in accordance with the requirements defined in the OPR-J348-KR-17 Project Instructions (signed date 9/13/2017) as well as guidance provided by National Oceanic Atmospheric Administration (NOAA) Hydrographic Survey Division (HSD) Operations (OPS) branch staff during emergency survey operations. Survey coverage consisted of Object Detection coverage using a combination of 200% side scan sonar coverage with concurrent multibeam or 100% multibeam coverage. Figure 1 illustrates the survey limits overlaid on raster nautical chart (RNC) 11330.