

USGS CMSC FACS OVERVIEW LOG
ACTIVITY ID: 2015-320-FA

TOPIC	INFORMATION
USGS ACTIVITY ID	2015-320-FA
OTHER ID (IF ANY)	15BIM05, 15BIM06, 15BIM07, 15BIM08
ORGANIZATION(S)/PROGRAM	USGS SPCMSC
PROJECT/THEME	Barrier Island Comprehensive Mapping
AREA OF OPERATION	Point au Fer to Racoon Island, LA
PRINCIPAL INVESTIGATOR	Jack Kindinger
INFORMATION SPECIALIST(S)	Nancy DeWitt
ACTIVITY TYPE	Singlebeam bathymetric survey, sub-bottom profiling
SCIENTIFIC PURPOSE/GOALS	Barrier island monitoring
PLATFORM	<i>R/V Sallenger, R/V Jabba Jaw, R/V Shark, R/V Chum</i>
STARTING DATE	July 21, 2015
STARTING PORT	Falgout Marina, LA and Jugs Marina, LA
ENDING DATE	July 29, 2015
ENDING PORT	Falgout Marina, LA
EQUIPMENT USED	Ashtech Proflex DGPS receivers, Thales choke-ring GPS antennae, Ashtech GNSS GPS antenna, Teledyne DMS motion sensors, Odom Hydrographic Systems echo sounders, SonTek CastAway CTD sound velocity profilers, Valeport mini SVP sound velocity profiler, HYPACK hydrographic survey software, EdgeTech 424 chirp sub-bottom profiler
INFORMATION TO BE DERIVED	XYZ bathymetric data and grids, sub-bottom seismic profiles
SUMMARY OF ACTIVITY AND DATA GATHERED	Singlebeam bathymetry lines collected (280), sub-bottom seismic profiles (37), Installation of three USGS benchmarks (PAF1, PAF2, PAF3)
STAFF	Jack Kindinger, Jim Flocks, Nancy DeWitt, Kyle Kelso, B.J. Reynolds, Jake Fredericks, Max Tuten
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