

Overview Field Activity Collection System (FACS) Log

| Topic | Information |
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| USGS Field Activity Number | 60ACH03 |
| Organization(s)/Program | U.S. Geological Survey, St. Petersburg Coastal and Marine Science Center |
| Project/Theme | National Assessment of Coastal Change Hazards |
| Area of Operation | Dauphin Island, Alabama, to Breton Island, Louisiana |
| Principal Investigator(s) | Dennis Krohn, Karen Morgan |
| Information Specialist(s) | Phil Thompson |
| Activity Type | Aerial photographic survey |
| Scientific Purpose/Goals | Map pre-storm beach configuration |
| Platform | Coast Guard HH-60 Helicopter 6031 |
| Starting Date | 09/26/2006 |
| Starting Port/Location | Mobile, Alabama |
| Ending Date | 09/27/2006 |
| Ending Port/Location | Mobile, Alabama |
| Equipment Used | Garmin GPS 18PC WAAS-enabled, Nikon D1-X Digital Camera, Sony DCR-VX1000 "Handycam", Panasonic AG-5700, Compix LP701, Panasonic Tough book CF-51, Fugawi Marine ENC, Optima Model SPR 12-Volt "Blue top" Batteries |
| Information to be derived (for example, Grain Size, Depth to Basement) | 1758oblique aerial photographs |
| Summary of Activity and Data Gathered | Digital still photos (NEF/JPG), GPS trackline. Documented baseline configuration of the Alabama, Mississippi, and Louisiana coast. |
| Notes (include staff, shop time etc) | <p>September 26, 2006: Departed U.S. coast Guard Air Station at 19:38 GMT. Began survey at eastern end of Dauphin Island, transiting westward. Transited from west end of Dauphin Island, to the northern end of the Chandeleur Islands, Louisiana, completing two full passes of the island, then transited to Cat Island, Mississippi. Returned to Air Station at 22:30 GMT</p> <p>September 27, 2006: Departed Air Station at 18:46. Transited to east end of Dauphin Island. Surveyed eastern end of island through Katrina Breach, then transited to the east end of Petit Bois Island while computer re-booted and to continue survey. Aircraft circled while additional equipment issues were resolved at the west end of Petit Bois (~19:10 GMT). Survey continued westward through Ship Island, then transited to the Chandeleur Islands. Aircraft returned to base at 21:00.</p> |