

**Daily Operational and Science Report**  
**UT-GOM2-2 Coring Expedition**  
**Terrebonne Basin, Gulf of Mexico Outer Continental Slope**

**1. DATE:** 30-July-2023, 0000-2400hr

**2. LOCATION:**

0000-2400 hr, 30-July-2023

Hole: *Helix D/V Q4000* located approximately 21 nm north of the proposed location of Hole WR313 H003

Water depth: NA

Per Datum: NA

Lat 26 52.6378N, Long 091 21.1398W

**3. DESCRIPTION OF OPERATIONS:**

0000-0400 *Harvey Hermes Supply Vessel* transited from Port Fourchon (departed at 07:30 hr on 29-July-2023) to the UT-GOM2-2 Coring Expedition equipment/supplies transfer site located approximately 21 nm north of the proposed location of Hole WR313 H003.

0400-0700 *Harvey Hermes Supply Vessel* drew alongside the *Helix D/V Q4000*.

0700-0715 Conducted personal transfer (4 Geotek and 2 Science staff).

0715-2400 Conducted equipment/supplies and mud/fuel transfer. Completed multiple lifts and transfers to the *Helix D/V Q4000* of Geotek coring containers, associated core analysis laboratories, drill pipe, and associated drilling equipment, and other related consumables.

0915-1030 Helicopter crew Transfer #1 from Bristow Houma Heliport (Houma, LA) to ship transfer site (2 Geotek, 2 Fugro, 2 SLB, and 1 Science staff).

0945-1100 Helicopter Transfer #2 from Bristow Houma Heliport (Houma, LA) to ship transfer site (7 Geotek, and 1 Science staff).

1315-1430 Helicopter Transfer #3 from Bristow Houma Heliport (Houma, LA) to ship transfer site (7 SLB).

1325-1440 Helicopter Transfer #4 from Bristow Houma Heliport (Houma, LA) to ship transfer site (8 Science staff).

**4. OPERATIONAL PLAN (Next 24 Hours):**

Continue to transfer coring equipment and core analysis laboratories, and other related consumables from the *Harvey Hermes Supply Vessel* to the *D/V Q4000*. Once transfer is complete, transit to the WR313 H003 location.

**5. DOWNHOLE LOGGING OPERATIONS:**

**Hole:** NA

**Wireline Totals (directional):** NA

**6. CORE OPERATIONS AND DATA:**

**Hole:** NA

**G-APC Coring Totals: NA**  
**G-XCB Coring Totals: NA**  
**G-PCTB-CS Coring Totals: NA**  
**G-PCTB-FB Coring Totals: NA**

## **7. DOWNHOLE MEASUREMENTS**

**Hole: NA**

**Pressure and Temperature Tool Deployment (T2P): NA**

**Temperature Tool Deployment (APCT-3): NA**

## **8. SCIENCE ACTIVITIES**

Upon arrival on the *Helix D/V Q4000*, members of the Science Party and Geotek staff participated in mandatory shipboard orientation and safety training. The shipboard Scientific Party was also able to access the laboratory containers that had been transferred to the *Helix D/V Q4000* and start the process of unpacking the required coring and laboratory equipment and supplies. The Science Party continued to work on staffing plans, berthing arrangements, and refining core handling and processing plans in preparation for spudding of the UT-GOM2-2-H003 hole now scheduled for 03-Aug-2023.