Located at Mississippi Canyon 582 and moored in 2200 feet of water, the Medusa Spar has a processing capacity of 40,000 bopd and 110 MMscfd. Medusa serves as a production hub for deepwater field developments in the surrounding Gulf of Mexico area and can accommodate a total of nine subsea wells. The asset came online in 2003 with six dry trees and is now off its peak production plateau. Built for a robust 20-year design life, the unit has currently available production capacity.

Oceaneering International, Inc. (OII) participates in the ownership of the Medusa Spar through a limited liability company (LLC). The LLC maintains a 75% undivided ownership interest (OII - 50%, Murphy Oil Corporation - 40%, and Callon Petroleum Company - 10%). The remainder is owned by ENI S.p.A.

During the active and intense hurricane seasons of 2004 and 2005, Medusa demonstrated excellent facilities availability and sustained no significant damage from three major hurricanes. The Medusa Spar LLC is actively pursuing new subsea tieback projects for optimum facilities utilization.
Facility Data
Location: Gulf of Mexico, Mississippi Canyon 582
Water Depth: 2,223 feet

Production Capacities
Oil: 40,000 bpd
Gas: 110 MMscfd
Produced Water: 20,000 bpd
Methanol Storage: 500 bbls, (69.75 short tons)

Main Components
Riser System: 8 Dry-Tree Production Well Risers
2 Export Pipeline Risers (SCR) 1 x 12-inch Oil, 1 x 12-inch Gas
Hull Diameter: 94 feet
Overall Draft: 536 feet
Mooring System: 10 Taut Catenary Lines
Helideck

Subsea Tieback Capabilities
Subsea Wells (9) - (4) at 4-inch, (3) at 6-inch, & (2) at 8-inch
Subsea Umbilicals (6) - 4-inch Umbilicals, (1) for each subsea location

Accommodations
Living Quarters: 26-man permanent (+ 48-man temporary)
Includes: Recreation Rooms, Laundry, Gym and Offices
Hospital Space: 1 x 2 person room

Photo: Murphy Oil Corporation