



## **Retrieval and Refurbishment of Eureka Anchor, Chain, and Buoy**

**San Pedro, California  
Client: Beta Offshore**

Beta Offshore required engineering support to upgrade aging mooring systems at their Eureka offshore platform. The Platform Eureka mooring buoy unexpectedly broke loose of its anchorage due to the deteriorating condition of the chain. Fortunately, the free floating buoy was quickly noticed and temporarily tethered to an adjacent buoy.

DPSI's scope of the work included:

- Offshore site visits to oversee retrieval of the mooring buoy
- Location of the sunken anchor and anchor chain
- Coordination of refurbishment efforts including verification of buoyancy calculations
- Resetting of the reconditioned buoy, anchor, and chain
- Verification of coordinates and creation of drawings depicting location and configuration of anchor, chains, cable, and buoy
- Coordination of refurbishment of Platform Ellen's buoy which was completed as part of the same effort
- Engineering assistance on-board the anchor setting barge to verify correct placement of the refurbished system