



Beta Complex Crane Upgrades

Beta Offshore Production Complex, Long Beach, California

Client: Beta Offshore

Beta Offshore required assistance to provide procurement and project management support for the repairs of seven cranes necessary to bring them to original capacity while extending their service life.

DPSI's scope of work included:

- Cranes repaired: Eureka East, West, and Center, Ellen East and Center, and Elly East and West
- Evaluated crane, boom, and rigging to determine repair scope
- Prepared repair scope RFP and performed contractor bid comparison
- Awarded repair contract and scheduled repair timeline
- On-site coordination of crane rehabilitation
- Project scheduling
- Liaison between platform operations and contractors
- Supervision of crane inspection technicians, contractors (including the heavy lift helicopter), and suppliers performing the restoration work
- Weekly Status reports
- Project documentation including recertification to the crane's full operating capacity
- Extensive research on the following options: installation of a pressurized wire rope lube system that would increase the life span of the wire ropes and cut down on contamination and a four stroke engine repower that would produce far less emissions than the existing two stroke crane engines