

ITT Goulds Pumps Supply Fresh Water to Mexican Oil Platform

ITT Corporation announced that it has been awarded a contract to provide turnkey potable and process water treatment systems to a Mexican platform designed by Dragados Offshore Mexico. The contract is valued at \$2.6 million, and will supply pumps and extensive treatment systems for an offshore oil platform in the Bay of Campeche. The project includes ITT Goulds pumps and ITT C'treat water process systems necessary for maintaining life support systems on-board, including drinking water and process water.

ITT C'treat has 30 years of experience in providing freshwater systems to the offshore petroleum industry. The company's desalination products and complete water systems are installed on hundreds of offshore platforms around the world. Dragados Offshore Mexico selected ITT C'treat for this project as a single-source OEM to provide the entire water treatment process system. Components include:

- Submersible seawater lift pumps. Pumps, riser piping and packaging of ITT Goulds Pumps, including all engineering design work, assembly and testing by ITT C'treat.
- Seawater hydropneumatic system. Maintains and equalizes the pressure of the seawater systems employing custom built ASME X rated fiber reinforced plastic pressure vessels.
- Sodium hypochlorite generator. Generates chlorine from seawater to disinfect the potable and process water supply.
- Seawater filters. A coarse filtration system that removes debris larger than 1000 microns, and a secondary fine filtration system that removes particles greater than 25 microns.
- Reverse osmosis watermakers. Two custom-built C'treat reverse osmosis watermakers to desalinate seawater; each producing up to 26,400 gallons (100 m³) of potable water per day.
- Potable water pumps. Two ITT Goulds Pumps Model 3700 API pumps to supply drinking water from the storage tanks to the tap.
- Potable water hydropneumatic system. Maintains and equalizes the pressure of the drinking water systems employing ASME X rated fiber-reinforced plastic pressure vessels.
- Barge water filter. A custom-built system to filter water supplied from external sources.