

Cranes, Hoists, & Lifting Technology

Ship Lift & Transfer System

Problem and requirement

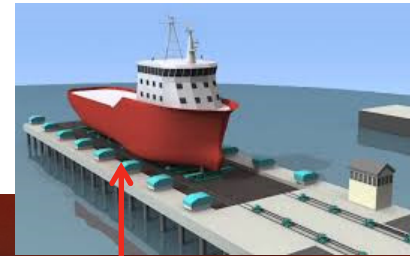
Customer needs to accurately monitor the force applied to balance a ship lifting system. Data is used to determine the displacement of the ship and also as a safety measure to prevent overloading.

Solution

tecsis LP provided high accuracy load pins able to withstand harsh salt spray environment. Custom designed to retrofit with existing fixtures. Includes waterproof connector and surge suppression for lightning protection.

Benefits

- Thermally compensated
- High overload protection
- Waterproof connector
- Surge suppression
- 146,000 lb range



Model	F5301
Rated output	4-20 mA (3 wire)
Zero balance	±2% F.S.
Linearity	±0.75% FSO (BFSL)
Hysteresis	±0.5% fso (Nom)
Operating Temp.	-65° to +200°F
Compensated Temp.	+30° to 130°F
Recommended excitation	24Vdc (18 to 32Vdc)
Safe overload	150% F.S.
Ultimate overload	300% F.S.
Material	Stainless steel