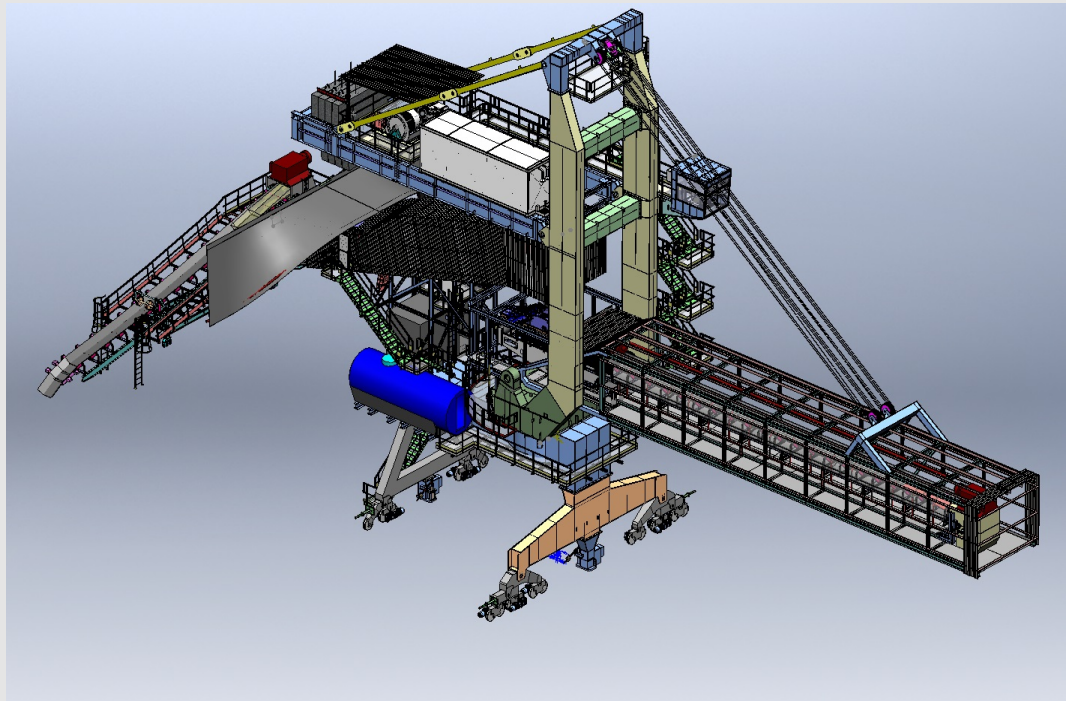
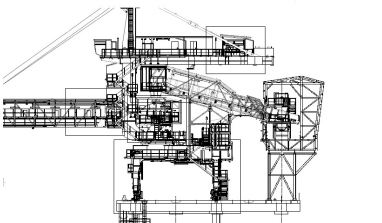
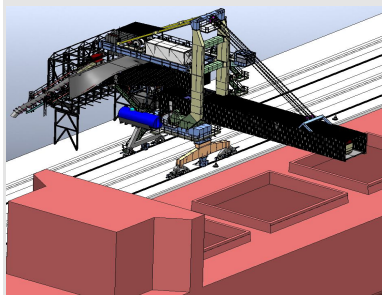


CASE

STUDY

Al-Zour Refinery Project
(Kuwait)



The Spanish company: Taim Weser, has won a contract to supply a belt conveyor system and a shiploader for the AL-Zour refinery, to be commissioned by the Kuwait National Petroleum Company. The project has been selected by the HSSJV Joint Venture, composed by Hyundai Engineering, SK Engineering and Saipem.

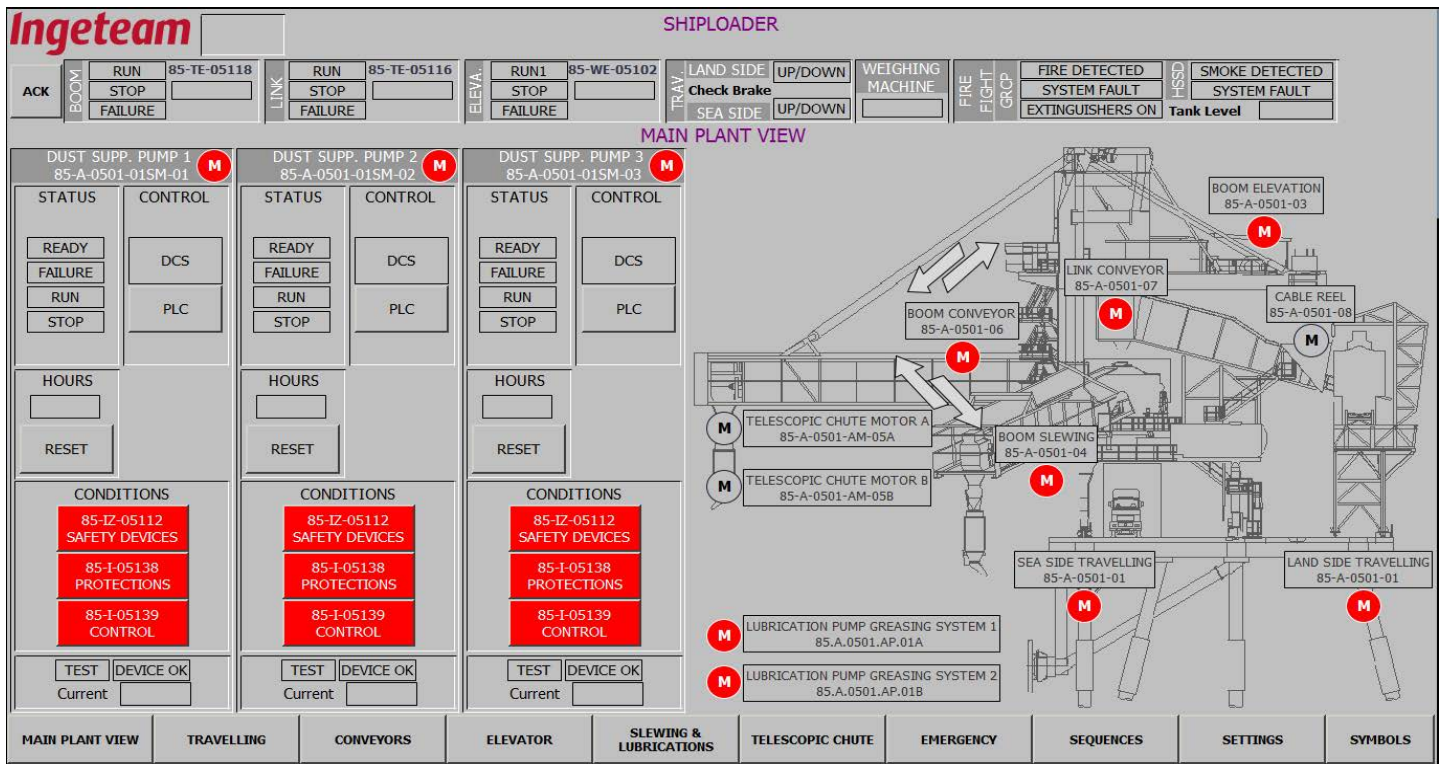
The project consists of the supply of a Belt Conveying and a Shiploader for the transport works and sulphur load coming from the Circular Storage systems (Domes). The scope of supply of Taim Weser includes the design, manufacture and supply of these equipments also with the rest of the ancillary equipment: firefighting system, dedusting system, etc.

The scope of supply of Ingeteam will consist of the electrical engineering definition of the power distribution and drives, automation, software, design and manufacturing, documentation, electrical installation supervision and commissioning of the following equipment:

- #x Electrical room
- #j ? W/g_ Ha fSYWei [fUZVW&ç
- #x Drawout MCC for fixed and variable speed feeders
- #x PLC
- 2x Operator panels (HMI).
- Engineering station including development software.
- Development software licenses for the PLCs and HMI.
- Diagrams and documentation.
- Factory Acceptance Test (FAT).

Conveyors and Shiploader

Plant View Diagram



Sequence Diagram

