

Reefer/Container newbuilding - 2 x 500.000 cu.f - 2 vessels



Completed cargo hold

CARGO HOLD INSULATION:

- Initial design by 3rd party.
- None-optimal solutions and compromises had to be made.
- Insulation thickness insufficient in some areas.
- Thermal bridges in some locations impossible to avoid.
- Overall, acceptable K-value, but not the best solution in terms of mechanical strength and easy maintenance.
- 6 insulated decks, 18 separate refrigerated chambers.
- Approx 50 x 22 x 18m "black hole" separated by a midship bulkhead.
 - MGIT responsible for all construction in the black hole:
 - Construction of monorail crane (for installation logistics) fitted on H-beam in top deck ceiling.
 - Transversal steel H-beams, fitted individually.
 - "Deck-flats" - deck pontoons of steelstructure, pre-insulated by MGIT - fitted individually



Shipyards: ENVC, Portugal