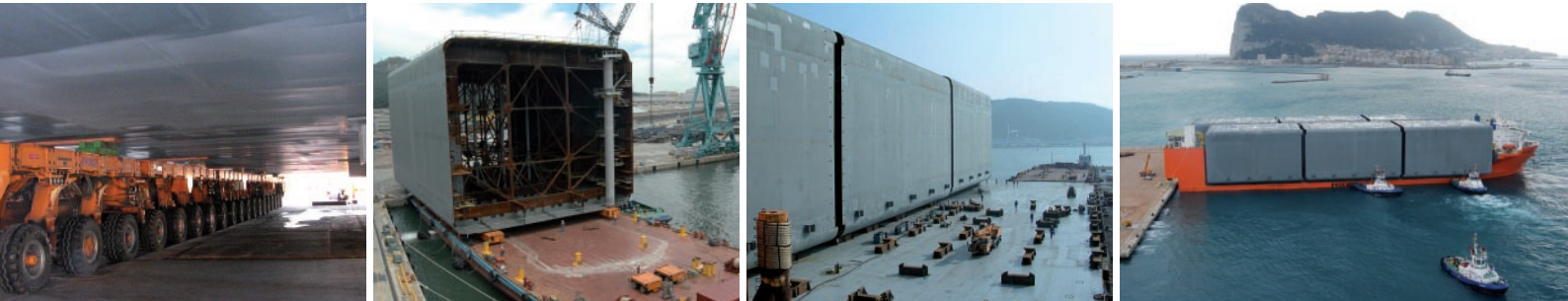


**Contract:** Adriatic LNG Tanks Transportation  
**Client:** Whessoe Oil and Gas  
**Location:** South Korea to Spain



### Challenge

Modular LNG tanks are unique and highly susceptible to damage during transportation so when looking for a business partner to facilitate this risk-prone procedure on a 9,600-mile journey from SE Asia to Spain, Whessoe Oil & Gas Ltd turned to leading marine & offshore engineering consultancy Noble Denton.

With the transportation in the experienced hands of Noble Denton, Whessoe Oil and Gas was free to focus on its core business, of LNG tank design and construction.

The six huge tank sections, the first of their kind, had been constructed by Hyundai Heavy Industries. Since construction space was limited the completed tank sections were first moved to a local storage area by barge before being loaded out on to the transportation vessel and shipped to Spain.

### Expertise provided

Noble Denton provided a transportation co-ordinator for the task, which included all local and in-land moves.

Also responsible for the selection of subcontractors, the management of contracts and subcontracts and planning, Noble Denton undertook overall control of procedures, risk assessments, co-ordination and liaisons between the owner, subcontractors and client.

The loadouts and load-ins were conducted by self-propelled motorised trailers (SPMTs). Once all the tank sections were constructed they were loaded on to the transportation vessel, *Blue Marlin* directly from the barge, again by SPMTs, in preparation for the voyage to Spain. In total there were 22 loadouts and load-ins, 16 in Korea and a further six in Spain once the *Blue Marlin* arrived.

The long voyage, made even more difficult because of the nature of the cargo and the overhanging structure at the forward end of the transportation vessel, was successfully undertaken despite severe weather restrictions.

### Outcome and benefits

The 9,600-nautical mile journey was completed in 37 days with no damage to the overhanging tank sections.

Noble Denton's transportation co-ordination service enabled Whessoe Oil & Gas Ltd to focus on its core business, while having access to an experienced team of personnel who integrated well with Whessoe's project team.