

Field Information

This development is the second phase of the Hasbah Offshore Gas field situated in the Arabian Gulf, and is part of Saudi Aramco's target to supply an additional 2,500 mmscfd of clean natural gas through the Fadhili Gas Plant to meet Saudi Arabia's growing domestic energy demand and reduce crude oil burning.

Source: Upstreamonline.com



OUR VALUES



Safety



Integrity



Sustainability



Performance



Collaboration



Innovation



PROJECT CLIENT

Saudi Arabian Oil Company (SAUDI ARAMCO)

Hasbah Offshore Gas Facilities Increment-II

Project at a glance

The Hasbah Offshore Gas Facilities Increment II Project is the first contract release purchase order issued to the consortium under a long term agreement with Larsen and Toubro Hydrocarbon Engineering (LTHE).

This sour field development includes six new gas production wellhead platforms that feed into two tie-in platforms as well as associated pipelines, cables and umbilicals. Gas from the field is exported via two 36-inch trunklines to the Fadhli Gas Plant located approximately 40km inland.

Full project information overleaf

Highlights

- Over 3 million man-hours since May 2016.
- First full dynamic positioning floatover for Saudi Aramco.
- First full dynamic positioning pipelay for Saudi Aramco.
- Over 300km of pipelay laid from onshore to 60m water depth to date.
- Almost 10,000t lifted by *Seven Champion* to date.
- Almost 40 vessels, operating offshore Kingdom of Saudi Arabia, currently managed by Subsea 7 in the Hasbah field.

Our Differentiators





Project

Hasbah Offshore
Gas Facilities
Increment-II

Location

The Hasbah Field
is located in the
Arabian Gulf,
approximately
150km north east
of Jubail in the
Kingdom of Saudi
Arabia

Water depth

Up to 65m

Project Type

EPCI

Date Awarded

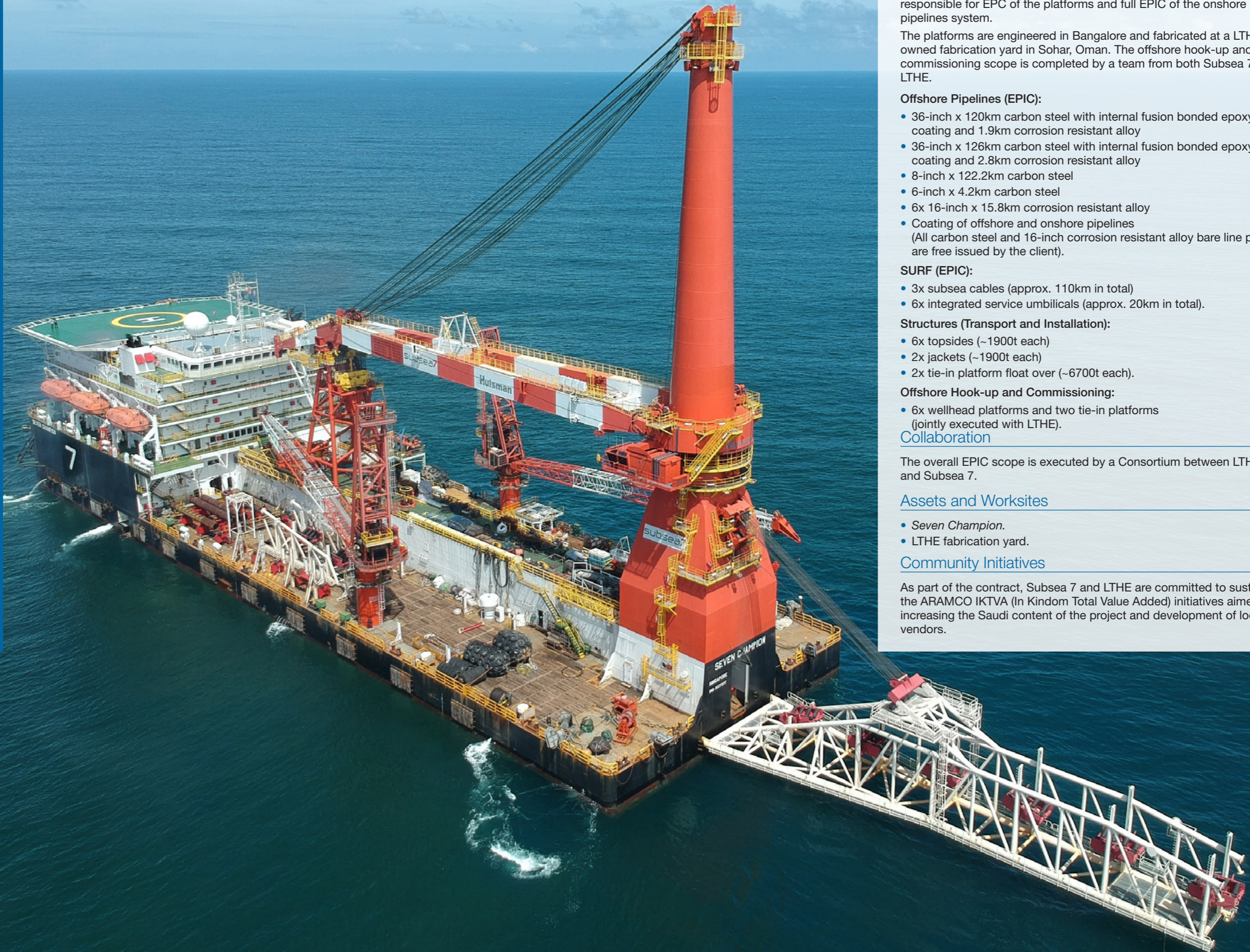
May 2016

Completion Date

Ongoing

Vessels

Seven Champion,
Various third party
vessels



Scope of Work

Scope of work includes EPCI of offshore pipelines, cables, umbilicals and the transportation and installation of platforms. LTHE are responsible for EPC of the platforms and full EPIC of the onshore pipelines system.

The platforms are engineered in Bangalore and fabricated at a LTHE owned fabrication yard in Sohar, Oman. The offshore hook-up and commissioning scope is completed by a team from both Subsea 7 and LTHE.

Offshore Pipelines (EPIC):

- 36-inch x 120km carbon steel with internal fusion bonded epoxy coating and 1.9km corrosion resistant alloy
- 36-inch x 126km carbon steel with internal fusion bonded epoxy coating and 2.8km corrosion resistant alloy
- 8-inch x 122.2km carbon steel
- 6-inch x 4.2km carbon steel
- 6x 16-inch x 15.8km corrosion resistant alloy
- Coating of offshore and onshore pipelines (All carbon steel and 16-inch corrosion resistant alloy bare line pipes are free issued by the client).

SURF (EPIC):

- 3x subsea cables (approx. 110km in total)
- 6x integrated service umbilicals (approx. 20km in total).

Structures (Transport and Installation):

- 6x topsides (~1900t each)
- 2x jackets (~1900t each)
- 2x tie-in platform float over (~6700t each).

Offshore Hook-up and Commissioning:

- 6x wellhead platforms and two tie-in platforms (jointly executed with LTHE).

Collaboration

The overall EPIC scope is executed by a Consortium between LTHE and Subsea 7.

Assets and Worksites

- Seven Champion.
- LTHE fabrication yard.

Community Initiatives

As part of the contract, Subsea 7 and LTHE are committed to sustain the ARAMCO IKVA (In Kindom Total Value Added) initiatives aimed at increasing the Saudi content of the project and development of local vendors.