

Project Type:

VESSEL MODIFICATION
DETAIL DESIGN

Vessel(s):

Sea Rose FPSO

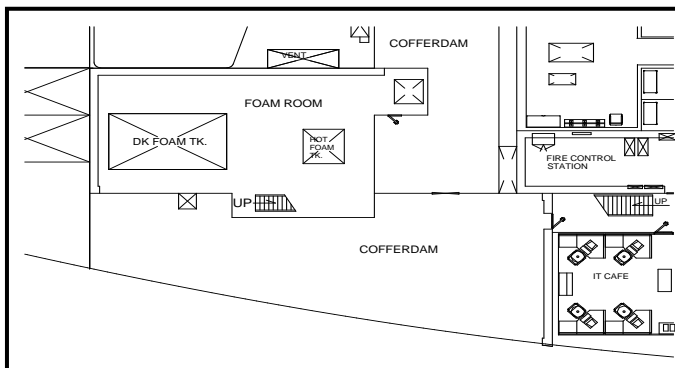
Client:

Husky Energy

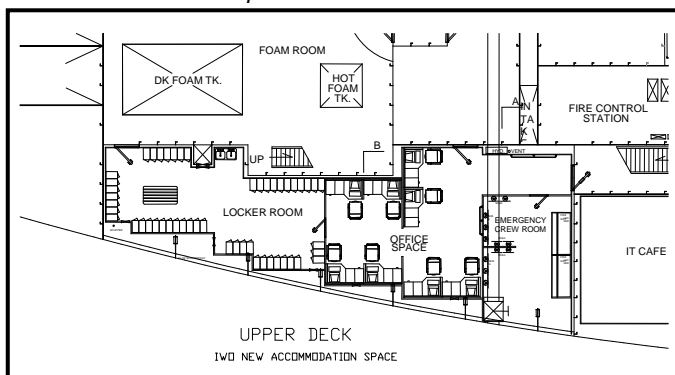


Overview:

Poseidon Marine Consultants Ltd. completed modification drawings for the outfitting of aft green water cofferdams on the Sea Rose FPSO from void spaces to accommodation spaces. This package addressed such items as fire protection, structure, outfit, mechanical, electrical and HVAC systems



Old arrangement (above); new arrangement (below); port side shown.



Profile:

- In addition to design related tasks, **Poseidon Marine Consultants Ltd.** coordinated the acquisition of new outfit items and materials, and as well the scheduling of mechanical and electrical tasks carried out by sub-contractors.
- This project was one in which it was especially crucial to identify burdensome regulatory concerns at the outset, such that any controllable difficulties could be mitigated during the course of the project.
- For example, installation of structural fire protection in the engine room was seen to be a challenge, due to the height of deckhead and inconvenient location of various machinery items below. Hence it was proposed to lay equivalent protection on the opposite side of the deck.
- As an added element of efficiency, this procedure served to decrease the time and cost to lay down the associated flooring material on the accommodation side of the subject bulkhead.
- **Poseidon Marine Consultants Ltd.** also supplied 'as-fitted' drawings to TCMS and DNV upon project completion.