

DACON SEA CHEST INSPECTION



By Remote Visual Camera



Many FPSO's in service today will continue in production for many years in all regions of the world. This means a demand for remote visual inspection methods in connection with periodical society classification of the FPSO vessels.

The alternative to internal remote and video based inspection when the ships remain at the off shore location, is either using a costly diving team/vessel alongside to insulate the sea chests from the outside, or to take the vessel in to a yard. Both alternatives, in particular to take the vessel out of production and into land are highly costly.

The benefits of performing Sea Chest Inspections using remote visual camera include:

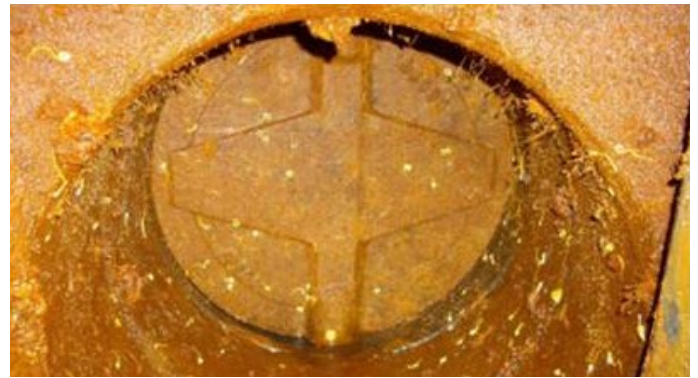
- **No need to shutdown operations**
- **No need for divers**
- **Approved by DNV**
- **Cost effective**

SCOPE OF WORK

The scope of inspection work which is performed using remote visual inspection cameras may be defined as follows:

- Examine the strainers, the connected pipes, the butterfly valves and the sea chests for corrosion, damages, marine growth, wear and tears.
- Examine welds, particularly around pipe ends and in corners, in connections and around knee plates
- Examine and establish the status for anodes, internal coating, chloral injection piping etc.
- Examine the pipelines and the valves from the strainers as far into the ship as possible.

INSPECTION RESULTS



Successfully Completed Jobs

FPSO Jotun A	ExxonMobil	North Sea
FPSO Petrojarl 1	Teekay	North Sea
FSO Njord B	N. Hydro	North Sea
FPSO Balder	ExxonMobil	North Sea
FPSO Varg	PGS	North Sea
FPSO Foinaven	Teekay	Scotland
FPSO Sendje Ceiba	Amerada Hess	Africa
FPSO Petroleo	Nautipa	Gabon
FPSO Banff	Teekay BP	UK Sector
FPSO GP3	Maersk	UK Sector
Sevan Voyager	Wood Group	Norway

