

# Customised Seaeye Falcon ROV for Offshore Inspections



Stinger selected the Seaeye Falcon ROV to perform as a carrier for a small VideoRay vehicle, which is small enough to go into the different compartments of an oil storage tank. Therefore, they developed a TMS for the purpose of mounting it under the Falcon ROV carrying the VideoRay umbilical. The Falcon has therefore been supplied in a customised version with add-ons such as additional power and electric motor for driving the TMS.

The assignment includes environmental sampling and inspection inside the oil storage tank of the Siri platform. The scope of supply also includes an extensive spare parts package, FAT and a technical training course. The FAT and training were held at the facilities of MacArtney Norway in Stavanger.

Siri is located in block 5604/20 in the north-western part of Denmark's North Sea sector, about 220 kilometres off the Danish coast. Production on the Siri platform first started in 1999. DONG Energy is 100% licensee of the Siri licence. The Siri platform is also host for the nearby Nini, Nini East, Cecilie and Stine fields.

The storage tank in question measures 50 x 66 metres and is 17.5 metres high, with a designed storage volume of 50,000 cubic metres. It is split internally into 16 compartments, some of which are only accessible through a 10-inch jumper pipe.