

## Lloyd's Register helps South Korean navy to deep-dive record

2009-02-12 12:00:00 by Rons\_ROV\_Links

Lloyd's Register has chalked up a hat-trick of firsts in co-operation with the Republic of Korea Navy. ROKS DSRV II, a rescue submersible built by UK underwater defence systems specialists, James Fisher Defence (JFD), based at Renfrew in Scotland, is the first submarine in Korea to be classed with Lloyd's Register, marking the first involvement by Lloyd's Register Asia with the ROK Navy. Also, the submersible's final dive during its sea acceptance tests - to a depth of 507 metres - is the deepest recorded dive in the history of the Korean Navy.

ROKS DSRV II was built to a design based on the Glasgow-based JFD's Deep Search and Rescue (DSAR) 500 Class submarine rescue vehicle platform.

Its construction, which draws on the JFD's experience in global submarine rescue operations and participation in submarine rescue, was overseen by Lloyd's Register. Surveyor Paul Marshall from the Glasgow office, dealt with most of the production and testing during construction and Liz Kennedy from the Hull office, coordinated the global involvement of Lloyd's Register in the project.

The test dives, from the Chung-Hae-Jin, the ROK Navy's multipurpose salvage and submarine rescue ship, were monitored by Lloyd's Register Asia's Korean surveyors Jae Sun Kim and Hein Leemhuis.

The DSAR 500 Class rescue submersible is light, manoeuvrable and highly capable incorporating several significant advances in rescue technology.

The submersible is capable of locking onto the escape hatch of a disabled submarine and transferring up to 16 submariners under pressure, recovering them to the surface where they are then transferred into the decompression facility onboard Chung-Hae-Jin.

Alistair Stubbs, Lloyd's Register Asia Business Development Manager in Korea, said: "The tests proceeded smoothly and in an excellent controlled matter, despite the relative danger of this test, thanks to the very professional team of James Fisher Defence and the Diving Team of the Korean Navy.

"This job shows the strength of Lloyd's Register in applying its knowledge and expertise to a novel project and to effectively manage our service delivery from our offices and staff in different parts of the world."

Commenting on the successful delivery of the project, Alan Green, the Project Manager for DSAR-5 on behalf of James Fisher Defence said, "Since the award of the contract in late 2006, JFD has worked closely with the Republic of Korea Navy, Lloyd's Register and Lloyd's Register Asia to deliver a world-leading rescue submersible.

"Lloyds Register's participation throughout all phases of the project proved to be a critical contributory factor to our success, by setting an exemplary standard, and so driving each of the

participants to achieving a remarkable standard."

<http://www.rovworld.com/modules.php?name=News&file=article&sid=2940>