



**James Fisher Defence
("JFD")**

"JFD supplies Dry Transfer Skirt to Republic of Korea Navy"

James Fisher Defence (JFD) has recently completed the successful delivery of a new all-steel Dry Transfer Skirt for the Republic of Korea Navy's (ROKN) LR5K rescue submersible. The skirt provides the interface between the rescue submersible and stranded submarines and JFD personnel worked with the ROKN pilots to demonstrate the effectiveness of the new equipment by achieving a live mate and a successful dry transfer with the submarine lying on the sea bed.

The JFD team designed the highly weight optimised skirt ensuring compliance with all relevant codes including PD 5500 and Lloyds Rules for load cases including internal pressure, external pressure, surface recovery and impact. The Skirt interfaces with both the LR5K submersible and the decompression facility onboard the Cheong-Hae-Jin – good lines of communication between the JFD design team and ROKN were essential to ensure that the fine tolerances on the Skirt would match those on the submersible and ship.

The Skirt was accepted for shipping by a ROKN representative nearly 2 months ahead of schedule. Despite typhoon conditions the Skirt completed both Harbour and Sea Acceptance Trials to the satisfaction of the ROKN – on September 26th 2006 ROKN achieved their first dry transfer of personnel from a simulated DISSUB to their mothership (the Cheong-Hae-Jin) for over 3 years.

Commenting on the contract, Ben Sharples, Project Director JFD said :

"The successful delivery of this Dry Transfer Skirt to the Republic of Korea Navy clearly demonstrates the design and build capability of James Fisher Defence on a world stage. We were proud to have been a part of the recent Dry Transfer operations and look forward to working closely with ROKN in the future."

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Editor's Notes:

Republic of Korea Navy (ROKN) Submarine Rescue

ROKN operate LR5K from the Cheong-Hae-Jin – a sophisticated, dedicated submarine rescue mothership incorporating a state-of-the-art below-decks decompression facility. JFD have enjoyed a good working relationship with ROKN, supplying a range of spares and technical expertise in support of their submarine rescue operations with LR5K. ROKN selected JFD to supply the Skirt in late 2005 following an open, competitive tender process.



ROKN Submarine Rescue Mothership Cheong-Hae-Jin at sea

ROKN rescue submersible LR5K being launched with the new dry transfer skirt installed



James Fisher Defence Ltd

James Fisher Defence was established in January 2005, bringing together the defence sector activities of James Fisher and Sons plc including those of James Fisher Rumic which was formed in 1984 and was acquired by James Fisher and Sons in 2002. In recent years the company has increased the scope of its activities and is actively marketing submarine rescue hardware and services to overseas navies globally.

Last year, the rescue of the seven Russian submariners drew on the support from the RAF, the US Navy and local Russians to fly the team and equipment

