

# SEACON

## SEACON ADVANCED PRODUCTS, LLC PRODUCT DATASHEET

### DRILLING & MUX SYSTEMS



#### DESCRIPTION

In recent years the search for oil has required operations in progressively deeper waters by mobile offshore drilling units. Drilling at these depths places strong demands on equipment, particularly the cable and connectors that link subsea operations to the surface. SEACON addressed the equipment problem by developing an underwater connector system with high reliability, improved condition assessment capability and better maintainability. SEACON's next-generation multiplex (MUX) cable termination system is the tangible result of the company's ability to apply real-world operator field experience to its product design and produce a step-change improvement in connector performance.

SEACON's range of MUX systems consist of 1 Atmosphere and Positively Pressurized (RUFF-NEK) connector solutions as well as the new underwater cable termination system which consists of the Armor Termination Assembly (ATA), Breakaway Unit and RUFF-NEK connector.

#### QUALITY

- SEACON Advanced Products, LLC operate a Quality Management System certified to ISO 9001:2008, ISO 14001:2004 and OHSAS 18001:2007.



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#### MSSQ RUFF-NEK

- Meggar Test Pin allows testing for water-flooding while mated
- Test port for mating o-rings
- Depth: 15,000 ft.
- Pressure compensated chamber
- Refer to datasheet SAPL-DS-0341



#### BREAKAWAY UNIT

- Replaceable shear pin
- Non-destructive failure mode
- Depth rating: Full ocean depth
- 17-4 PH SST shear pin
- Interfaces with SEACON Armor Termination Assembly
- Refer to datasheet SAPL-DS-0301



#### ATA (ARMOR TERMINATION ASSEMBLY)

- Dual cone, mechanical armor plug
- Overall boot sealed
- Depth rating: Full ocean depth
- Compatible with embedded and non-embedded MUX cables
- Refer to datasheet SAPL-DS-0302



#### MSSQ-FCR (FLANGE CONNECTOR RECEPTACLE)

- Mates to MSSQ RUFF-NEK cable connector
- Mounting o-ring test port
- Dual o-ring seal throughout
- Depth Rating: 20,000 psi mated, up to 15,000 psi open-face
- Refer to datasheet SAPL-DS-0304



#### SBP (SUPER BOMB PROOF) SERIES FITA

- Overall length: 28.2"
- Overall diameter: 8"
- Depth Rating: 10,000 ft
- Pressure compensated chamber
- Refer to datasheet SAPL-DS-0361



#### R/A FCR (RIGHT ANGLE FLANGE CONNECTOR RECEPTACLE)

- Slim design
- Pressure Balanced Oil Filled (PBOF)
- Optic/electric hybrid
- Stainless steel shell
- Refer to datasheet SAPL-DS-0303



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