



DNV

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DET NORSKE VERITAS

INTERIM VERIFICATION REPORT

The undersigned Surveyor to this Society, at the request of KOCKUM Engineering, attended at the workshop of KOCKUM's on 3rd September 1999 for the purpose of witnessing the following tests.

1. That the AESOP module was properly positioned inside the Docking module by means of guiding in four steps as follows:
 - a) AESOP structure and Docking module structure, b) guide posts on Docking module and guide pipes/sleeves on AESOP, c) centrally placed spigot on upper MATE half and centrally placed bore on lower MATE, d) guide pin on lower MATE and corresponding bore on upper MATE.
2. That the mechanical/pipe connection between the AESOP module and the Docking module could be established by operating the MATE's turret and toggle mechanisms. This was verified by pressurising the three bores through the MATE with 26 barg.
3. That the electrical connection (power and control) between the AESOP module and the Docking module could be established by operating the Elex' hydraulic mechanism and that the purging procedure (liquid exchange) could be performed.

Conclusion

That the dockside equipment delivered water and air as follows: 132 m³/h of water at 5 barg. and about 660 Sm³/h of air (165 m³/h at 4 bar abs.)

That the mix of air and water supplied was separated into air and water sufficiently (no visible water in the air outlet) and that the separator level could be held sufficiently stable by speed control of the AESOP pump.

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