



Services

Hydrocarbon Cargo Offtake Operations Assurance

Maritime Assurance & Consulting (MAC) offers technical consultancy and assurance services to all parties involved in cargo offtake operations, including operators and vessel owners, ensuring safe, efficient and successful operations, whether in field or at port.

MAC's multidiscipline team can provide assurance throughout all stages of cargo offtake operations, from operational procedures through to vessel and equipment assurance.

MAC's team has extensive experience of cargo offtake systems including tandem, SAL™, STP™ and OLS™, as well as critical offtake equipment such as Bow Loading System (BLS), Dynamic Positioning (DP), Green Line and Position Reference Systems.

MAC offers services which are independent of any regulatory authority, designer, installer or hardware provider. Therefore, MAC can advise clients with no vested interest to sell designs, fabricate, install or provide equipment with no conflicts of interest associated with governing bodies.



Example assurance areas include:

- Shuttle tanker assurance for operators
- Creation/update of Joint Operations Manuals (JOM), Supporting documentation
- Tanker vessel assurance
- Dynamic Positioning (DP) assurance
- Position reference systems
- Support vessel assurance
- Risk assessments (HIRAs, etc.)
- Risk analysis
- Operational support
- Incident investigations
- SIMOPS
- Technical assessments/analysis
- Compliance with industry standards/guidelines, i.e. GOMO, ISGOTT, OGUK Guidelines for tandem offtake operations
- Technical training sessions
- Terminal cargo discharge assurance
- Client representation.



A Bureau Veritas Group Company

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