

LNG & FSRU Technical Advisory

Independent. Deeply experienced.

SERVICE FACTSHEET — OPERATIONAL ASSURANCE

Operational Assurance

Pre-delivery audits, compatibility studies, and operational risk review

Overview

Operational assurance covers the set of technical activities that determine whether an FSRU terminal will perform reliably once in service — and whether the transition from commissioning to commercial operations is managed without incident. FSRU Advice Consulting provides structured audit, review, and benchmarking services aligned to the specific risks of floating regasification operations.

What is included

- Pre-delivery audits — vessel condition, systems readiness, documentation status
- Ship-to-ship (STS) compatibility studies — FSRU / LNG carrier interface assessment
- Mooring analysis review — independent review of spread mooring, jetty, or SPM analysis
- OpEx benchmarking — cost base review against comparable FSRU operations
- Incident investigation — root-cause analysis, corrective action development
- Operations manual review — emergency response, cargo handling, BOG management procedures
- Operator competence review — crew qualification, training gap analysis
- Technical availability assessment — planned maintenance regime, spare parts philosophy

Typical engagements

Pre-delivery audits are typically commissioned six to twelve months before delivery by the terminal developer or lender. Compatibility studies are required whenever a new LNG carrier source is added to the supply chain. Incident investigation and OpEx benchmarking are used by operators and investors on in-service FSRUs.

Independent perspective

Operational assurance has most value when conducted by someone with no interest in the outcome — not the operator, not the FSRU owner, not the EPC contractor. An independent review identifies issues that internal processes are structurally unlikely to surface. That independence is the core of what FSRU Advice Consulting provides.

CONTACT

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