

Disrupting Maritime Document Intelligence with GenRPT

Overview

For shipping companies, accessing safety protocols, operational procedures, and compliance documentation quickly can be the difference between efficiency and delay – or even between safety and risk.

Yet, crews, shore-based teams, and auditors often spend 10–15 minutes per query manually searching through thousands of pages of complex documents like:

- Integrated Management System (IMS) manuals
- Safety Management System (SMS) guides
- Company circulars, SOPs, technical standards, and internal memos

Technology in Action

Our GenAI platform, GenRPT, turns these dense documents into an intelligent, real-time assistant. Features include:

- Natural Language Search over large document repositories
- Precise answers with page-level citations & highlights
- Role-based access control for secure usage
- Microsoft Teams integration (*optional*)
- Feedback loop to improve accuracy from real user input

Can be hosted on-premise/ or on our cloud, and compatible with systems like Azure, SAP, AWS.

Massive Time & Cost Savings

In a recent deployment with a large Indian shipping fleet:

- **Query time dropped from 10–15 minutes to under 1 minute**
- **~360 hours saved per ship annually**
- **Across 40+ ships, that's over 14,000 hours saved each year**
- **Maintained 90%+ answer accuracy, based on direct crew feedback**

Value in Critical Moments

From port inspections to safety drills, and from audit prep to real-time incident response, GenRPT ensures that vital SOPs and protocols are always one query away – improving reliability, safety, and operational confidence.

A Daily Tool for Every Voyage

Usage is frequent and context-driven:

- **Safety officers may run 4–6 queries a day**
- **Audit teams during inspection windows may run 20–30 queries**
- **Engineers may check process steps or intervals across shift changes**

This isn't a one-time reference tool – it's a daily-use engine that becomes embedded into the operational rhythm of the ship.

Proven in Practice

GenRPT has already been deployed across an entire commercial fleet, supporting both shipboard and onshore teams with faster information access, improved audit outcomes, and higher compliance confidence – all without disrupting existing workflows.