

## DYNAMARINE SERVICES

### VDR Data Assessment and Best Practices

**Scope of service:** Remote VDR and ECDIS based data assessment report. The scope of this service conforms to OCIMF's TMSA Element 5 for Navigational Safety and assesses identified gaps which require rectification and monitoring by the company as well as best practices which may enhance bridge team dynamics, and bridge resource management. Important is the prevention of risk related potential navigation issues which may lead to significant errors, particularly for matters regarding vessel's transiting of congested areas, bridge manning levels, handovers, navigation with pilot on board and the overall ship-handling standards.

**Criteria:** The VDR data and documentation required for completion of this remote data analysis assessment are:

- VDR type with software data for the monitored period
- ECDIS type with screenshots for the monitored period
- Copies of officers ECDIS certificates (generic & type specific)
- Bridge company procedures for navigational safety - relevant sections
- Bridge log-book extracts
- Passage Plan with relevant information regarding, UKC, Squat, tides information
- GMDSS log-book extracts
- Compass Error log-book extracts
- Bridge Team arrangements and duties
- Work and rest hours for Deck officers and duty A/Bs
- Master standing orders
- Crew list
- Vessel Maneuvering characteristics
- Ship's specific particulars

**Outcome:** At the end of the assessment, a detailed report is provided to the company identifying best practices and potential gaps requiring monitoring and corrective actions for continual improvement according to regulatory requirements and industry standards applicable to navigation