



Star Audit & Inspection: Be prepared

Failure to meet the requirements by ports, class societies, or oil majors can be crucial to a ship or rig manager. With Star Audit & Inspection, ship and rig managers can easily prepare for and follow up audits, inspections, and vetting.

Star Audit & Inspection enables use of standardized inspection questionnaires, and inspection related non-conformities and observation are easily reported and followed up through integration with Star Event and Star Maintenance.

Questionnaires

Star Audit & Inspection facilitates for standardized questionnaires to be included in your Star system. Data provided through the questionnaires can be used for statistics, which in turn can be used to reveal areas for improvement. Within the shipping and offshore industry exists several standardized questionnaires, and below follows some examples of questionnaires typically used:

- Port State Control
- OCIMF Petroleum, Chemical, LPG, LNG, and Offshore Vessel Inspection Questionnaire (OVIQ)
- CDI Chemical and Gas
- International Safety Management (ISM)
- Petroleum Safety Authority Norway (PTIL)

Non-conformities

Star Audit & Inspection allows for non-conformity reporting into the Star Event module following an audit, inspection, or vetting. The non-conformity is linked to the respective inspection, and also documents such as questionnaires and vetting reports can be linked. To ensure non-conformities are followed up, corrective and preventive actions can be implemented, and instructions and routines can be updated and distributed across the fleet.

User friendly

Star Audit & Inspection's graphical user interface facilitates easy learning, understanding and usage. Wizards and terminology used in the system can be configured to match company and industry standards.

Use Star Audit & Inspection to:

- Prepare for audits, inspections, and vetting
- Implement standardized audit, inspection and vetting questionnaires
- Pin-point improvement areas by the use of statistics
- Link non-conformities and documents to inspections
- Report non-conformities into the Star Event module for follow-up
- Implement corrective and preventive actions
- Provide reports, statistics, and KPIs
- Replicate data between vessel and office



Replication

Star Audit & Inspection can be used as a stand-alone solution or in interaction with an office based hub for fleet management. Data from the vessel is replicated to the hub using SIS' highly reliable replication engine. When used in the office, Star Audit & Inspection provides a full overview of fleet audits and inspections, including detailed information for each vessel. Questionnaires can be updated and distributed to multiple vessels, and internal messaging and notifications facilitate for knowledge sharing across the fleet.

The screenshot shows a software window titled 'Audits: AUD2011-1007, Port State Control inspection'. It contains a form with the following fields:

- Vessel:** Ms Star
- Responsible for audit/inspect:** STAR IPS Common User
- Next due:** 31.08.2011
- Status:** New
- Aud/Ins:** AUD2011-1007
- Port State Control inspection**
- Aud/Ins Date:** 25.07.2011
- Type of Audit/Inspection:** Port State Control 2011
- Rep. by:** capt Håvard Hensen
- Vessel operation:** Discharging
- Reported date:** 25.07.2011 14:08:31
- Port of audit/inspection:** Trondheim
- Auditing company:** Paris MOU
- Auditor's name:** Ivar Strand
- Audit cost:** 1 500
- Estimated cost Corr. action:** 0
- Currency:** American Dollars

Below the form is a table with columns: Description, NC/Finding, Connections, Workflow, Done by, Add, Remove. The table contains two rows of data:

Description	NC/Finding	Connections	Workflow	Done by	Add	Remove

- + MT Tanker Power
- + Work planning
- + Asset management
- Safety Management
 - Accidents
 - Near accidents
 - Non conformities
 - Guarantee claims
 - Consequences
 - Potential consequences
 - Findings
 - Audits
 - Safety Observation Card
- Counters
- + Material and services
- + Transaction histories
- + Purchasing
- + Budgets
- + Addresses
- + Documents
- + Insurance
- + Crew
- + Project
- + Common codes

The screenshot shows a dialog box titled 'Edit Audit/Inspection type' with a sub-tab 'Manage questionnaire'. It contains the following information:

- Structure:** A tree view showing the hierarchy of the questionnaire, including 'Port State Control 2011' and various chapters like '01: 01 Certificates & Documentation'.
- Chapter:** 04
- Description:** 04 Emergency Systems
- Question:** A list of questions under chapter 04, including:
 - 04101 Public address system
 - 04102 Emergency fire pump and its pipes
 - 04103 Emergency lighting, batteries and switches
 - 04104 Low level lighting in corridors
 - 04105 Location of emergency installations
 - 04106 Emergency steering position communications/ compass reading
 - 04107 Emergency towing arrangements and procedures
 - 04108 Muster list
 - 04109 Fire drills
 - 04110 Abandon ship drills
 - 04111 Damage control plan
 - 04112 Shipboard Marine Pollution emergency operations
 - 04113 Water level indicator
 - 04114 Emergency source of power - Emergency generator

Star Audit & Inspections is used to prepare for and follow up audits, inspections, and vettings. The system facilitates for standardized questionnaires.

System integration

Star Audit & Inspection can be used as a stand-alone solution or may form part of the integrated Star Information and Planning System (Star IPS). Please refer to the Star IPS brochure for more information. The system further integrates with Star Fleet Dashboard for KPIs and trending.

Technical data

Star Audit & Inspection runs on Windows XP/Vista/7 workstations. The system uses SQL databases such as Oracle, MS SQL Server, and Sybase.



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