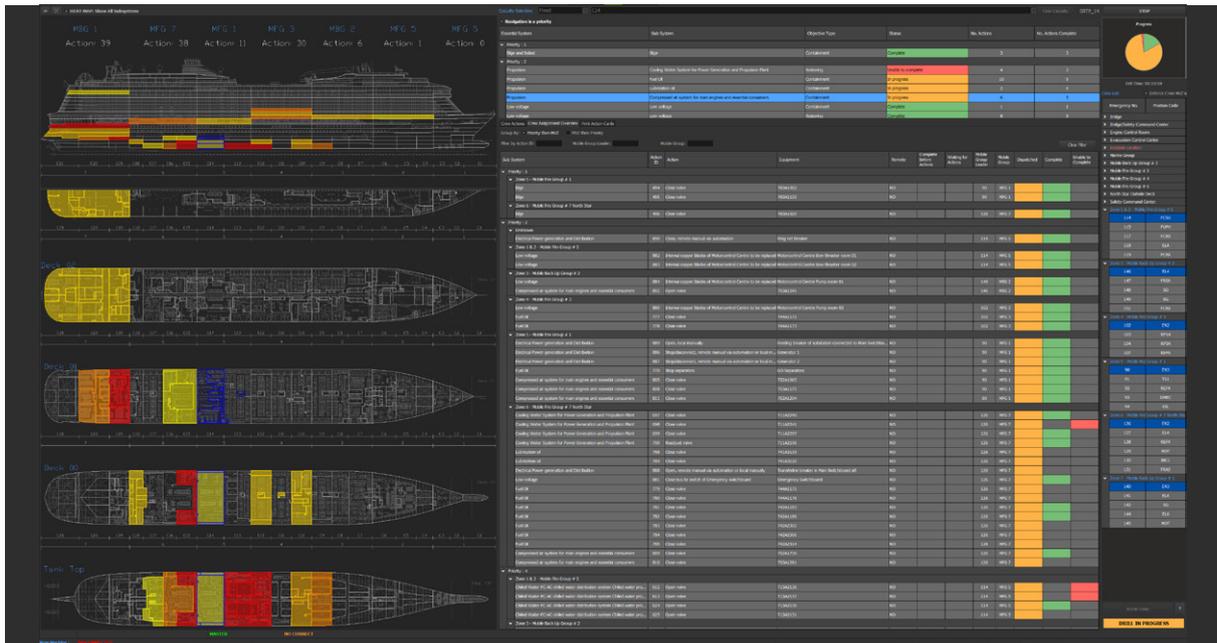# SRtP Onboard™

SOFTWARE PRODUCT SHEET

BACKGROUND

The Safe Return to Port regulations have been in place since July 2010. Reaffirmed by the Bahamas Maritime Authority in its Bulletin of October 2018 (Bulletin No.179), it is the Operator's responsibility to show ongoing compliance throughout the vessel's lifetime. The requirement is to demonstrate the crew's ability to respond to a Safe Return to Port casualty and restore critical system functionality within the specified time frame of 1 hour for propelling and manoeuvring systems and 2 hours for systems supporting safe areas.

THE PROBLEM

The impact of this regulation on the operation of passenger vessels is not to be underestimated: the crew need to understand exactly which actions need to be taken in every possible casualty to restore system functionality. Within large and complex vessels, this can mean understanding the actions associated with hundreds of different casualties, each of which can require up to 100 different actions in differing locations along the vessel. On top of the data management

issue, there is the basic logistical issue of managing what can be a large response team and of understanding progress, especially issues, as well as being able to transfer lessons learnt to the next drill or even crew.

THE SOLUTION

SRtP Onboard™ is a software solution that supports the management of the response to a casualty by providing the crew with all information relevant to each casualty and simplifies the logistical complexity through the assignment of actions to mobile groups and monitoring progress of the entire response in real time. Action cards, either in paper form or via WiFi-connected tablets, give the crew the necessary information to locate and carry out their assigned tasks. Inherent continuous improvement is inbuilt in the software, which means that the underlying data can be updated after each drill so that the lessons learnt are available for the future. Detailed reports are available after each drill to understand issues and to prove compliance to the appropriate authority.

BENEFITS AND FEATURES

Proven solution	Currently installed on various cruise ships, SRtP Onboard™ is a tried and tested solution developed with operator feedback.
Compliant	SRtP Onboard™ is designed specifically against IMO Safe Return to Port regulations and meets the requirements of the Bahamas Maritime Authority Bulletin 179.
Process Driven	SRtP Onboard™ provides a proven response process to manage a Safe Return to Port casualty.
Reduced Complexity	Provides the right information to the crew to enact the correct system restoration or isolation actions required for each casualty.
Proof of Compliance	Every drill and casualty response is recorded within the system both as proof of compliance and to provide detailed information to understand problem areas and improve future response.
Detailed Information	Provides action location information with descriptive information to support crew, including necessary action dependencies and required equipment.
Inherent Continuous Improvement	The onboard knowledge base can be improved after every drill, on an action-by-action basis, ensuring that the knowledge from performing every drill is passed on to the next iteration.
System Priorities	Systems can be prioritised depending on the current situation.
Action Heatmap	Displays a dynamic heatmap for every drill or casualty, highlighting action location concentration to support the effective deployment of crew.
Paper and Tablet versions	SRtP Onboard™ can be used with printed paper action cards or tablet-based electronic action cards to meet the needs of the crew.
Monitor Progress	Progress on the overall drill or casualty response is updated in real time, with tablets synching via WiFi and able to deal with dips in WiFi coverage.
Easy to use, fast to deploy	Iteratively designed with operator feedback, the software has been optimised for use onboard; is delivered with crew training for fast adoption and is continuously improved.
Supported by subject matter experts	Safety at Sea is an expert in Safe Return to Port regulations at both the design stage and the operational stage.

CONTACT US

www.safetyatsea.uk

srtponboard@safetyatsea.uk

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