PHOTO & SUMMARY DESCRIPTION



Figure 1: Generic Maritime Safety Terminal Prototype.

The Generic Maritime Safety Terminal (MST) is a software based on vessel mariner's interface to the safety services compatible with Inmarsat's FleetBroadband Maritime Safety Data Service (MSDS). The

Generic MST interfaces to any existing Inmarsat's FleetBroadband User Terminal platforms (such as FB500, FB250 or FB150) and has been designed to be compatible with future User Terminal developments whilst providing an identical graphical user interface to the end user. The MSTs and the Rescue Care Centers (RCCs) or the Maritime Safety Information Providers communicate using the following features:

- Distress Alerting
- Distress, Urgency and Safety Priority messaging ship-to-shore and shore-to-ship
- Promulgation of Maritime Safety Information (MSI) to MSDS enabled FBB UTs from MSDS connected MSI providers (MSIPs) and from the Inmarsat C system
- Distress Priority Chat facility between a vessel's UT and a Rescue Coordination Centre (RCC) Chat facility between all registered RCCs that are Logged-in to the MSS
- Distress Alert Test Configuration and Activation

The Generic MST Software supports a flexible hardware platform MST, which is an independent processing and storage unit, capable of displaying a windowed GUI, e.g. a PC (desktop or laptop) with hard disk data storage. This type of MST will attach to an MSDS capable FB UT via an Ethernet link, to a dedicated physical port or via a wireless LAN connection. The UT will initiate an alarm if the MST disconnects for any reason.

	Thu Sep 07 2017 15:18	Ø 48	
Create Priority Message	MST		
Create Distress Alert Ref No: 2705	PM Reference Number: 2705	⊖ Print	
List messages Received	Sent: Thu, 07 Sep 2017 13:18:14 GMT Received: Thu, 07 Sep 2017 13:18:15 GMT		
Search MSIs		Thu Sep 07 2017	()
Open Chat Interface Ref No: 2704 Received		15:10	<u>ę</u> «
hello Not Read	Room: norfolk-20170907140843 Participants: 2		UT Print
To: undefined Thu.07 Sep 2017 13:17:09 GMT Ref No: 2370225564	Thu Sep 07 2017 15:09:37 GMT+0200 (CEST) hello	norfolk 5BRQ2 - 3110 has been invited to the room 52%	5 90%
COLLISION - aust	Room: norfolk-20170907140659 Participants: 2	the room 52% Thu Sep 07 2017 15:08:48 GMT+0200 (CEST)	-folk
To: norfolk Ref No: 23697641 Received	Thu Sep 07 2017 15:07:22 GMT+0200 (CEST) 5BRQ2 - 3110 invitat	5BRQ2 - 3110 invitation was accepted	ed Registered RQ2
UNDESIGNATED - n			Simulate RDB
		norfolk has joined the room 5BRQ2 has joined the room	
hvbhgh Read		Thu Sep 07 2017 15:09:37 GMT+0	hello 0200 (CEST)
K To: undefined Thu. 07 Sep 2017 13:14:47 GMT Received			
UNDESIGNATED - n	q w e	rtyui	o p
hello	a s d	f g h j k	÷
	◆ Z X	c v b n m	ب
	123?	SPACE	*

Figure 1: Generic Maritime Safety Terminal GUI.

The generic MST software provides a User Interface for the MST that supports an interactive touch display. It also includes a number of components and widgets that, when combined, provides to the MST's operator an easy and intuitive operation.