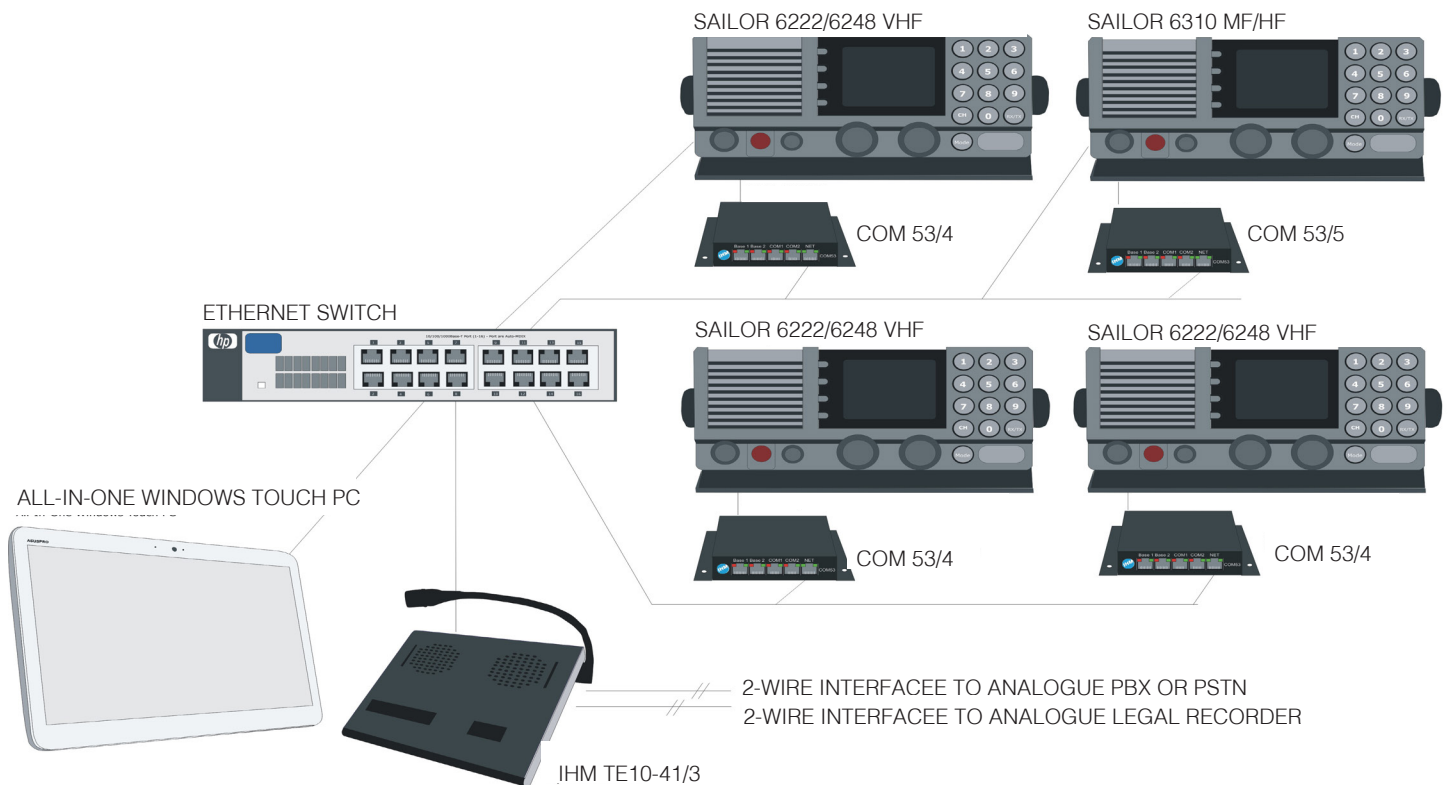


COMMUNICATION SOLUTION FOR HARBOURS

SAILOR

DATASHEET



IHM's maritime communication system for SAILOR radios is a standardized solution developed for harbours using multiple radio units. The various types of radio units, VHF and MF/HF as well as telephony can be connected and combined in one single control system. This ensures flexible and efficient communication.

This stand-alone solution is developed for harbours with need for one single control system for up to 4 radios.

Functions

The solution includes:

- 1 single control centre
- Remote control of SAILOR radios
- Remote control via IP Interface
- Two-way communication
- Automatic recording and personal replay functions
- Automatic logging of activities
- Handling of telephone calls
- Simultaneous communication on more radio channels
- Cross channel connection
- Conference interconnect

Hardware

The solution includes the following hardware:

- All-in-One PC-solution with touch function
- Operator-unit with built-in VoIP-switch and gateway
- Analogue interface
- Analogue Voice Logging Interface
- SAILOR 6248/6222 (excl. DSC Interface)
- IP interface, SW and interface cable for SAILOR 6248/6222 (excl. DSC)
- IP interface, SW and interface cable for SAILOR 6310

Software

The solution includes the following software:

- Special designed IHM software for maritime systems (GMDSS compliant)
- MS Windows 10, UK version
- MS SQL EXPRESS 2014, UK version
- Ultra VNC Server
- IHM WinServ32 - Communication Server
- IHM AppServ - MCS Application Server
- IHM OperMain - MCS Operator Software, all standard functionalities inclusive

Other solutions

For other communication solutions, please look into products such as

- Onshore og Offshore Com 41
- Compact 4500

COMMUNICATION SOLUTION FOR HARBOURS SAILOR

DATASHEET

PRODUCT	MODEL	MANUFACTOR	KEY FEATURES	DIMENSIONS
IHM VTS-COM 41-SAILOR system, incl.				
15" All-in-One touch PC	A 4110	ASUS	INTEL CELERON N3150 Processor INTEL HD graphics, 2GB RAM, 500GB, SATAIII HD 128GB SSD	377,5x247x28,5mm without VESA mount. 2,19 kg.
21" All-in-One touch PC	ProOne G2 AIO	HP	Full HD touch screen, CCD, i3 CPU, GB HD, 4GB RAM, Intel HD graphics 530	531x59x372mm without VESA mount. 6,8 kg.
Operator audio box, incl. switch and gateway	86-TE10-41/3	IHM	Built-in loudspeaker, gooseneck microphone and PTT button. Sockets for headset, handset and gateway modules (PBX/Voice logger). 84-PS7, 230V AC to 15V DC power adaptor included	240x80/20x200mm, 2,2kg
16 port Ethernet Switch	84-PC-Hubs/16	HP	Holding sufficient ports to setup a complete system locally	16 port 10/100/1000Mbit 1U switch, 230V AC consumption 13W
Software package	IHM-MCS Standard	IHM/MS	Includes MS Windows, MS SQL EXPRESS, ULTRA VNC Server, Win- Serv32, AppWinServ and OperMain	Installed on the Operator PC

Radio Base Station Controllers				
Universal VoIP Base Station controller	87-COM53/1	IHM	Can be powered from the radio base station. Support most any kind of sing- le channel radio on the market. Cable with open ends included	110x130x28mm, 0,2kg. 12V-15.6V DC max. 200mA
SAILOR 6248/6222 (DSC disabled) VoIP controller	87-COM53/4	IHM	Powered from the radio, Interface cable SAILOR 6248/6222 VHF inclu- ded (DSC disabled)	110x130x28mm, 0,2kg. 12V-15.6V DC max. 200mA
SAILOR 6310 VoIP controller	87-COM53/5	IHM	Powered from the radio, Interface cable SAILOR 6310 MF/HF included	110x130x28mm, 0,2kg. 10,8-28V DC max. 200mA

Operator Terminal Options				
Handset	84-TR11-10/02	IHM	Handset with 2m cable, spiral cord	
Cradle	84-TR11-50/2	IHM	Retainer for handset, without lock	
Foot Operated PTT Switch	84-B-34-9901/2	IHM	198mm pad, 2m cable included	
Wired headset	HME46	Sennheiser	Sennheiser HME46 incl. PTT cable	