Mackay Marine

A Division of Mackay Communications

GITIESSE
&
IMCOS DIGITAL

THE MOST ADVANCED MULTIMEDIA COMMUNICATION SYSTEM FOR MARINE APPLICATIONS

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Who is Gitiesse?

Gitiesse is an Italian based company. In 1979, it was established as a Trading company by the technical company Girotecnica. In 1985, the two companies merged. In 1994, Gitiesse designed the first IMCOS system in the world. Since then, over 2000 systems have been installed worldwide.

What is IMCOS?

Integrated **M**ultimedia **CO**mmunication **S**ystem

It includes and does onboard all the tasks concerning the ship's internal communication and distribution of alarms and signals of various nature, TV included, through the ship's spaces.

Who is their market?

Cargo to Tankers, Platforms to FPSOs, Ferries to Cruisers, Naval to Superyachts, and virtually everything in between.

Mackay Marine is the exclusive representative in the USA for Gitiesse.

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is Type Approved by seven Classification Societies:

- American Bureau of Shipping
- Det Norske Veritas
- Germanischer Lloyd
- Registro Italiano Navale
- Bureau Veritas
- Lloyd Register of Shipping
- China Classification Society

Further Approvals:
- M.O.D.U. Rules.
- SBG Rules.
- MMF Rules.

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Able to integrate the following communication media:
- Public Address – General Alarm.
- Automatic Telephones.
- Ex Proof Visual Alarm devices.
- Ex Proof Drill Talk Back.
- CCTV
- L.A.N
- VSAT antenna.
- Radio/TV/TVSAT.
- Entertainment System.
- Master Clock.
- S.P.T.
- Hospital Call.
- Refrigerated Chamber Alarm.
- and much more - the system is totally customizable to building specification

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- One single cable for DATA – VOIP – CCTV – TVSAT
- Main Back bone in fibre optic.
- High speed data rate.
- Redundancy Criteria.
- Remote Teleassistance.
- Audio and Video Digital Memory Bank.
-VOIP and STREAM VIDEO facilities.
-DIGITAL Video Recording facility.
-Email – Internet – Video on demand.
- VSAT access.

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YARD ADVANTAGES:

- Reduced cables.
- Reduced power consumption.
- Single Commissioning.
- Reduced weight.
- Easy Installation
- Unified documentation.
- Reduced man power.
- Complete procedure towards Classification Societies.
- F.A.T. and S.A.T. carried out by our qualified personnel.
- Single warranty terms.
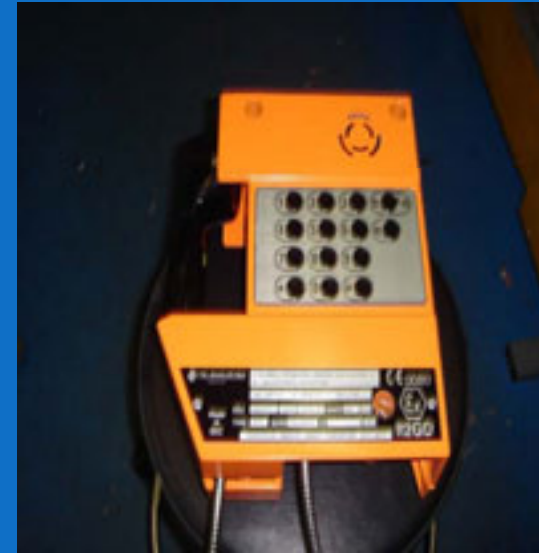- Assistance on site.

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OWNER ADVANTAGES:

- One single commissioning.
- One single warranty.
- Remote Teleassistance facility.
- Easy system's up-grading.
- Type Approved by Class.
- World wide assistance.
- M.O.D.U. compliance.
- Reference of 2000 systems already installed.
- Maximum interfacing performances.
- Fully customized system configuration.

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- **Water Proof peripherals devices.**

- **Ex Proof Certified peripheral devices**

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IMCOS allows a substantial savings into the overall system cost for the entire ship's communication sector, minimizing the cable runs necessary and the general hardware

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IMCOS is equipped with extremely powerful microprocessors and customized components, all designed and environmentally tested for Offshore application, controlling all the system sections according by the necessary redundancies for maximum safety and full compliance to International Rules

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All necessary components are concentrated into few modular cabinets. With previous conventional equipment, components were distributed in various locations on the ship.

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IMCOS can be supplied painted with customized RAL color for best ship layout
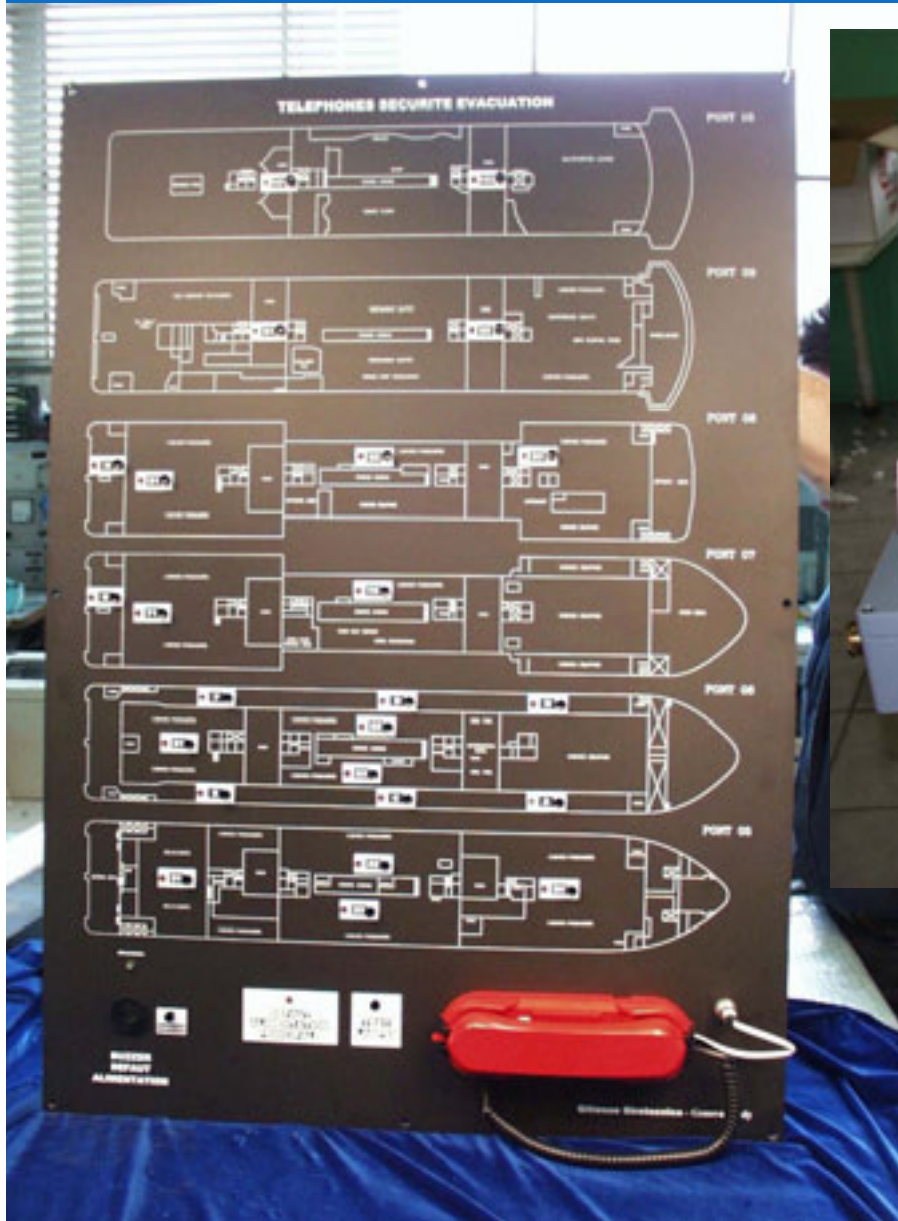
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IMCOS cabinets are available in either STEEL or ALLUMINUM and are equipped with the Gitiesse patented " EASY CONNECTION " frame.
This allows total internal rack access by means of two concentric frames.
PATENT N° 2003°000111

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IMCOS is fully customized according to the vessel technical specification.

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IMCOS Remote Telediagnostic and Assistance Service (R.T.S.) is an innovative option offered as part of any IMCOStm system. This enables the system to communicate spontaneously status to Gitiesse's Technical department.
Gitiesse can link to the IMCOStm system onboard through the same telephone line and remotely troubleshoot any errors

For more information, please contact Mackay Marine

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