



I.S.M.A. RESCUE

**(INTELIGEN SYSTEM MULTIPOINT ADMINISTRATION) Intelligent
Multilevel Management System.**



Operating principle

"Management system for a watercraft, especially a catamaran."

The object of the invention is an integrated, intelligent system for managing the operation of a vessel, especially a catamaran, with self-learning capability consisting, among other things, in self-optimization of the vessel's operating parameters in such areas as the use of electricity and heat, selection of speed and time for covering a preset route, deck stabilization and level maintenance regardless of weather conditions, the condition of the body of water and the number of passengers, including disabled persons in wheelchairs.

The system will use the Internet, which will facilitate independent operation. Nevertheless, for security reasons, there will be three levels of verification of decisions made by the system and a number of safeguards with the possibility of switching to manual control. With such solutions, the system will make increasingly accurate decisions over time.

ISMA, which can be operated using a multimedia tablet or phone from anywhere on Earth via a fully encrypted Internet connection. You can also view video and audio on your phone from the 8 IP cameras installed on the vessel, where you can set alerts when motion is detected in areas you specify. It is also possible to locate the vessel via GPS.



Each rescue service is required to check the readiness of units for rescue operations on a daily basis.

The scope of these activities includes checking the condition:

- fuels**
- rechargeable batteries**
- engine efficiencies**
- sound signal system**
- light signal system and many others.**

With the ISMA Rescue system, all activities regarding checking the status of all utilities and medical equipment, available supplies and its readiness for use will be able to be carried out through a remote update of the unit's status.

With this system, it will also be possible to test run the unit's propulsion engines.

The operator, who will be connected by ISMA to the systems of the units it operates, will have the capacity to carry out such an operation with a predetermined schedule and will be able to carry out such a check at any time he wishes.

This is a worldwide innovation.