



## EMSA chooses CLS to set up its European maritime fleet surveillance center

From June 2009, over 10 000 vessels will be tracked by the European surveillance center developed by CLS. Initially based in Toulouse, the Data Center will move to the EMSA (European Maritime Safety Agency) headquarters in Lisbon in 2011. With this Data Center, CLS, a subsidiary of the CNES (French Space Agency) and IFREMER (French Oceanographic Agency) once again proves its major role in international maritime security.

CLS will track over 10 000 vessels thanks to the LRIT Data Center that it has developed for the European Maritime Safety Agency.

In the context of the international SOLAS convention (Safety of Life at Sea) the International Maritime Organization has asked its 163 state members to set up an LRIT system (Long Range Identification and Tracking). LRIT has three major uses: maritime safety, marine environment protection and maritime rescue support.

The system is aimed at tracking merchant fleet (freight vessels weighing over 300 tons), passenger vessels, oil-rigs, etc.

These vessels have to transmit their positions by satellite every six hours.

As a result, States have to be equipped with an LRIT Data Center which will collect data from their vessels.

These LRIT Data Centers are interconnected, which means that each State can request vessel positions to a ship's Flag State even if this vessel is on route to a port or when it is less than 10 000 nautical miles away from the coast.

CLS sets up LRIT Data Centers based on software solutions that have already proven their efficiency in fishing vessel monitoring, this within an international framework.

Europe, Vanuatu but also Chile have entrusted CLS to house their LRIT Data Centers at CLS.

CLS, expert in maritime security, has also developed an offer called Shiploc, aiming at fleet management services and the fight against piracy.

CLS equips almost 1 000 vessels with satellite transmitters. These vessels operate in zones which are at risk.

This service allows maritime companies to comply with the regulations and to contribute to the security of their fleet and crews.

In case of an attack, the crew can activate an alarm button which automatically sends a discreet signal to land.




### CLS IN FIGURES

**38,1 M€**  
turnover in 2008

**10** offices  
and subsidiaries

**330**  
employees

**3**  
domains of activity

-  sustainable management of marine resources
-  environmental monitoring
-  maritime security

**3** fields  
of competences

-  location and data collection
-  ocean observation
-  ocean monitoring



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