

# Providing full maritime domain awareness on the French coastline: Sofrelog wins contract

**Sofrelog**, Bezons, France

At the conclusion of a year long international competition, the French DGA/Service des Programmes Navals has contracted Sofrelog for the second phase of the SPATIONAV project. The SPATIONAV V1 project was initiated by the French government in order to strengthen the surveillance of the French coastline. The mission of the system is to further improve traffic safety, land security, monitor people and vessels, and the monitoring of illegal activities. Because of the involvement of several of the country agencies in such missions, the SPATIONAV programme involves a number of ministries: the Ministry of Defence (Navy), Ministry of Transport (Maritime Rescue Coordination Centres [MRCC's]) and the Ministry of Finance (Customs).

SPATIONAV V1 is the second phase of the programme and comes after the completion of SPATIONAV V0 (2003-2004) for which Sofrelog integrated all of the 19 Mediterranean radars of the French Navy semaphores (signal stations). This completed phase has provided maritime domain awareness to the French Navy's Toulon Operational Centre.

The just announced SPATIONAV V1 builds on the experience of the V0 phase and adds major operational and technical challenges including:

- Capturing the entirety of France's metropolitan coasts as well as French overseas departments (French West Indies),
- Collecting AIS data transferred by vessels and providing nationwide coverage
- Integrating mobile units, both ships and aircrafts that will be included in the operational SPATIONAV V1 Real Time surveillance network
- Allowing a multi-ministry operational approach: The Navy for the Ministry of Defence, the MRCCs for the Ministry of Transport and the Customs for the Ministry of Finance
- Interfacing with other national and European systems and/or networks: Traffic 2000 and Safeseanet
- Covering the entire country, and thus a large number of sensors (70 radars, 44AIS base stations, optronics sensors, plus up to 30 mobile units), which will be connected in a global type network with more than 4,500 km of coast line
- Providing full maritime domain awareness of large and small vessels and providing high performance levels in terms of number and accuracy of objects to be followed in real time

## ABOUT THE COMPANY

Sofrelog is a High Technology company with major offices in France, Taiwan and the United States. The company installed its first surveillance system in 1993, based on experience in the field of software real-time processing for government agencies.

Founded in 1987, Sofrelog is a privately-owned high technology company which employs more than 70 engineers, technical and administration personnel. Primary customers are port and waterway authorities, coast guards and other government agencies as well as commercial companies.

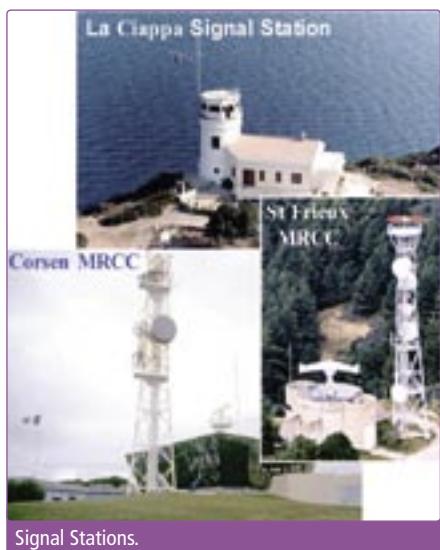
- Emphasis is given to enabling the operators to perform their duties in the most effective manner by use of high level functions built for analysing and monitoring different kinds of special crisis situations: pollution, rescue, smuggling, terrorism, etc.

Execution of this project was initiated on September 1st, 2005, and will last for more than three years.

The Project Manager in charge of requirement specifications, from French Navy HQ, commented that "with the experience learnt in the use of our system on the Mediterranean Coast, with SPATIONAV V1, we intend to achieve one of the most advanced and integrated maritime surveillance systems in the World."

This project confirms Sofrelog's technical superiority in the field of maritime and air surveillance systems. Indeed, Sofrelog have constantly been awarded and delivered new projects all over the world for the past number of years. Recent projects include:

- Delivery of 11 more mobile stations for the Spanish Ministry of Interior for Canary Coastal Surveillance
- Midlife conversion of the Malacca Sea Surveillance System for the Malaysian Maritime Enforcement Agency
- Surveillance of the Hormuz Strait, surveillance of the Greatbelt Bridge for the Royal Danish Navy
- Upgrade of the 4 French Channel MRCC radar stations
- Upgrades of the Ports of Rouen, Le Havre, Nantes, Marseilles and Bordeaux in France
- Two new port VTSs in China (Wuhu and Wuhan) and the extension of the port of Dalian (Dalian ferries).



Signal Stations.

## ENQUIRIES

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