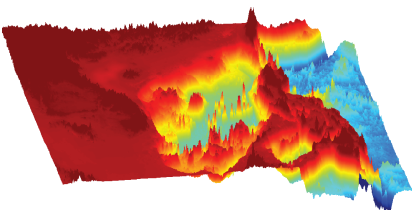




Press release

SUSTAINABLE MANAGEMENT
OF MARINE RESOURCES



CLS, a French company, is supplying the Vietnamese government with a fisheries surveillance system also capable of sending typhoon warnings by satellite

CLS has recently signed a 14 million Euro contract with the Vietnamese government. The company's mission on behalf of the Ministry for Agriculture and Rural Development (MARD) will be to set up a system for fisheries surveillance which is also capable of sending typhoon warnings by satellite.

After Typhoon Chanchu swept across the South China Sea in May 2006, causing the death of almost 300 fishermen, the Vietnamese government decided to acquire advanced technology to reduce the impact of such natural disasters.

The MARD Fishing Directorate selected the solution proposed by CLS, a subsidiary of CNES (the French Space Agency) and IFREMER (French Research Institute for Exploitation of the Sea).

The CLS offer, entitled **MOVIMAR**, consists of:

- a system for determining the position of Vietnamese fishing vessels. More than 3000 positioning transmitters will be deployed for the Vietnamese offshore fishing fleet, 300 in the North, in the Haiphong region, 1200 in the centre, in the Binh Dinh region and almost 1500 in the South, near Vung Tau. These vessels spend an average of 220 to 240 days at sea every year and can fish at up to 400 nautical miles from the coast. CLS will also be installing 3 fishing surveillance centres in Hanoi, Haiphong and Vung Tau. The purpose of these centres will be to administer Vietnamese fishing activities with due respect for marine resources, the economic development of fishing as an activity and the safety of sector workers.

- a system for sending typhoon warnings. This system consists of a centre for the analysis of ocean-weather data. CLS will supply the three above-mentioned centres with meteorological and oceanographic data (ocean temperature, sea surface height, etc.). From this information, it is possible to forecast whether or not a typhoon is likely to develop. CLS will train experts to read and interpret the data to enable them to predict whether or not tropical storms or typhoons are likely to develop in Vietnamese fishing areas. Since they will know the positions of the fishing boats they will be able to warn skippers to head for the closest port in the event of danger.

CLS is able to bring the Vietnamese government more than 25 years of expertise in position determination and data-gathering by satellite, space-based oceanography and the sustainable management of marine resources.

CLS is already well-established in Asia and the Pacific area, with a subsidiary in Indonesia and offices in Japan, Korea and Australia. CLS has 400 employees around the world, a turnover of 60 million Euros in 2010 and is active in four fields: sustainable management of marine resources, environmental surveillance, maritime security, oil and gas. CLS processes data from more than 80 instrument payloads on almost 40 satellites.

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