

## WHAT DOES SJÖBASIS DO?

- Collects real time maritime data from systems in the Swedish Armed Forces.
- Collects maritime information from systems in the Swedish National Police Board, Swedish Customs, the Swedish Maritime Authority, the Swedish Civil Contingencies Agency, the Swedish Coast Guard, the Swedish Board of Fisheries, SMHI (Swedish Meteorological and Hydrological Institute), the Swedish Environmental Protection Agency and the Geological Survey of Sweden.
- Compiles the information and offers various services to users at participating authorities.
- Offers information 24 hours a day, 365 days a year, online and offline.
- Regulates access to the information compiled at both authority level and user level.
- Makes it possible to gain access to information much faster than is the case today.

### SJÖBASIS is being developed in two initial stages with information from:

#### Stage 1

##### Swedish Coast Guard

- Information and decision-making support system, KIBS
- System for research vessel permits

##### Swedish Maritime Authority

- Vessel reporting system, FRS
- Swedish AIS system
- HELCOM AIS system

##### Swedish Meteorological and Hydrological Institute

- Weather forecasts
- Weather observations

##### Swedish Environmental Protection Agency

- VIC Natur (Nature reserves)

##### Swedish Maritime Authority & Lantmäteriet (Swedish Mapping, Cadastral and Land Registration Authority)

- Map databases

##### Swedish Board of Fisheries

- Vessel Monitoring System (VMS)

##### Swedish Armed Forces

- Real time maritime data

##### Organisational administrative resources

- National resource list

#### Stage 2

##### All authorities

- Image database
- Additional information
- National resource list. Operational resources from all authorities concerned

##### Swedish Board of Fisheries

- Register of fishing vessels
- Register of professional fishing licences
- LANDBAS (fisheries control database)

##### Swedish Coast Guard

- Routes for aircraft

##### Police

- Boats disappeared or being searched for

##### MSB

- RIB and WEB-RIB

##### Swedish Maritime Authority

- Register of vessels
- Register of seamen
- Vessel inspection system

##### SGU

- Environmental chemical sediment database
- Marine geological map database
- Database for measurement lines and tests

##### Swedish Customs

- Register of traffic permits

##### SMHI

- SeaTrackWeb



SWEDISH COAST GUARD

Cover photo: Johnny Söderberg

# Maritime surveillance

Co-ordinated civil maritime surveillance and maritime information

## THE GOVERNMENT'S ASSIGNMENT

The needs of the civil authorities to know what is happening at sea will increase in future, not only in terms of border inspections and cross-border criminality, but also to enhance safety and navigability at sea.

The Swedish government has therefore entrusted the Swedish Coast Guard with the task of co-ordinating the civil needs for maritime surveillance and maritime information, and passing this on to the authorities concerned. At the same time, the Swedish Armed Forces have been given the responsibility during peacetime of collecting, processing and submitting real time maritime data adapted to civil needs to the Swedish Coast Guard.

This assignment from the government means that the Swedish Coast Guard must collect, ratify, process and pass on information from civil authorities working in the areas of shipping, fishing and the environment. The authorities involved are the Swedish Board of Fisheries, the Swedish Armed Forces, the Swedish Coast Guard, the Swedish Environmental Protection Agency, the Swedish Police, the Swedish Civil Contingencies Agency, the Geological Survey of Sweden, the Swedish Maritime Authority, SMHI and Swedish Customs.

To support its work, the Swedish Coast Guard has set up a consultative body for maritime surveillance and maritime information, the Swedish Maritime Surveillance Council. The Council consists of the head of the relevant authority or a person appointed by him or her, and a maximum of ten other delegates.

The Swedish Coast Guard's assignment can be divided into co-ordinated maritime surveillance and co-ordinated maritime information.



## CO-ORDINATED MARITIME SURVEILLANCE

The Swedish Coast Guard's task to conduct maritime surveillance includes assuming responsibility for or supporting other authorities in surveillance, crime prevention activities, and control and inspection. In its day-to-day activities the Swedish Coast Guard conducts independent maritime surveillance activities for a number of authorities, such as the Swedish Police and Swedish Customs. In some areas the authorities have reached agreement on specific measures for co-ordination, such as:

- **Swedish Coast Guard Maritime Clearance, SMC**

Set up in July 2003. A national point of contact for the shipping industry with responsibility for receiving and reviewing notifications in advance with regard to border control and maritime security.

- **Maritime Intelligence Centre, MUC**

Set up together with the Swedish Police and Swedish Customs in July 2004, with the aim of combating organised and cross-border criminality within the maritime sector.

- **Fisheries Competence Centre, FKC**

Set up together with the Swedish Board of Fisheries in April 2005. Provides support for daily inspection and control activities, conducts risk analyses and prepares background data.

- **Notification in advance for shipping**

A joint system for receiving all notification data that must be submitted before arrival at a Swedish port. Developed in collaboration with the Swedish Maritime Authority and Swedish Customs.

- **Collaboration with the Swedish National Police Board's National Task Force**

The Swedish Coast Guard provides boat operators for the National Task Force, and owns and manages the boats used by the Task Force. The cooperation agreement was signed in 2007.

- **International cooperation**

Oil and chemical discharges, the shipping industry and organised crime recognise no borders, and require international collaboration. Examples of such organisations are the Baltic Sea Region Border Control Cooperation (BSRBCC), which deals with maritime surveillance and maritime information exchange, the Task Force on Organised Crime in the Baltic Sea Region, working against cross-border, organised crime, the North Atlantic Coast Guard Forum (NACGF), which is a partnership between North America and Europe, and HELCOM, which is responsible for environmental observation and protection. There is also a partnership between Sweden and the USA on coast guard matters and security research. There are also various authorities operating within the EU, such as EMSA, CFCA and Frontex.

## CO-ORDINATED MARITIME INFORMATION

The Swedish Coast Guard has, together with the civil authorities and in cooperation with the Swedish Armed Forces, determined the civil authorities' needs for real time maritime data and maritime information.

Real time maritime data may consist of information about vessels and other objects moving on the sea. Maritime information contains additional information that Swedish authorities might need, such as a vessel's owner, crew and cargo, maps and weather information, or suspicions of crimes committed.

In order to satisfy the needs of the civil authorities, the Swedish Coast Guard has developed a system for the co-ordination of sea-based information between authorities: SJÖBASIS.

This means, among other things, that:

- information may be compiled and made available to the authorities that need it,
- expensive duplication of work is avoided when information has to be retrieved from a number of different systems,
- civil maritime businesses have an opportunity to influence the information systems,
- work on information and intelligence in the field of maritime surveillance may be co-ordinated more efficiently,
- relevant maritime information may be collected, processed and developed in one system,
- the sharing of information may take place within existing authority structures and responsibilities,
- the collected, compiled information provides better support for decision-making on maritime matters.

