

España - SASEMAR

Types of use

- Search & Rescue, Safety and Traffic Monitoring .

Use cases and scenarios

- SAR: On October 2013, the F/V FRANCES started to take on water and sink approximately 270 nm from the nearest shore. The crew abandoned the ship, embarking on two life-rafts. The SAR mission Coordinator at MRCC Madrid accessed IMDatE and, using satellite AIS data identified another Spanish fishing vessel in the vicinities, the BONITO DOS. MRCC Madrid contacted the BONITO DOS and requested immediate assistance. The BONITO DOS set a new course rescuing seven crewmembers (the full complement), which was almost completely submerged. The Portuguese Coastguard sent a helicopter and a plane to the site, but determined there was no further action to be taken. The crewmembers were transported to Vigo for further medical assistance.

Use cases and scenarios (ii)

- Traffic monitoring: On April 2014 the M/V PRAPHATHEPPRARAT is detected adrift 3 nm off the Spanish coast. The vessel reports a complete engine breakdown. After a few days drifting the PRAPHATHEPPRARAT is towed by the Rescue Vessel SAR MASTELERO to Spanish territorial waters for an onboard inspection. After the inspection the Spanish Maritime Authorities agree with the flag state and the owner to provide the ship with enough fuel to continue the trip to Turkey. The PRAPHATHEPPRARAT was monitored using SASEMAR corporative T-AIS until 12-04-2014 at 08:34 UTC, when the corporative T-AIS signal was lost. However using IMDatE MRCC Madrid was able to monitor the trip until 24-04-2014 at 13:41 UTC (ship's arrival at Turkey), extending the situational awareness and the capacity of SASEMAR to liaise with all EU countries along the real (not the intended)route of the ship.

Feedback on latest version

- Noticeable increase in speed
- Google Chrome not able to access IMDATE (correct login)
- With Internet Explorer the cartography is not represented in the graphical interface
- When we open the map the interface lags for about two minutes. Also if moving the map around we get small twitches like lag. This does not change based on the graphics settings (for instance layers activated/de-activated)

Data Needs

- Fishing fleet VMS

Requirements for new functionalities

- GIS tools