

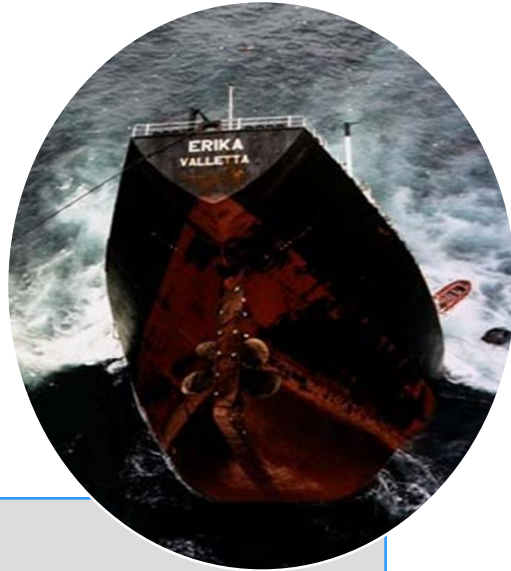
The European Maritime Safety Agency (EMSA)

Tasks and responsibilities

Giuseppe Russo / Senior Project Officer
Department B: Safety & Standards
Sector: Training & Cooperation

Las Palmas / 7 May 2015





- 12 December 1999 off the coast of Brittany

Erika sinks



Decision to reinforce the EU maritime legislation

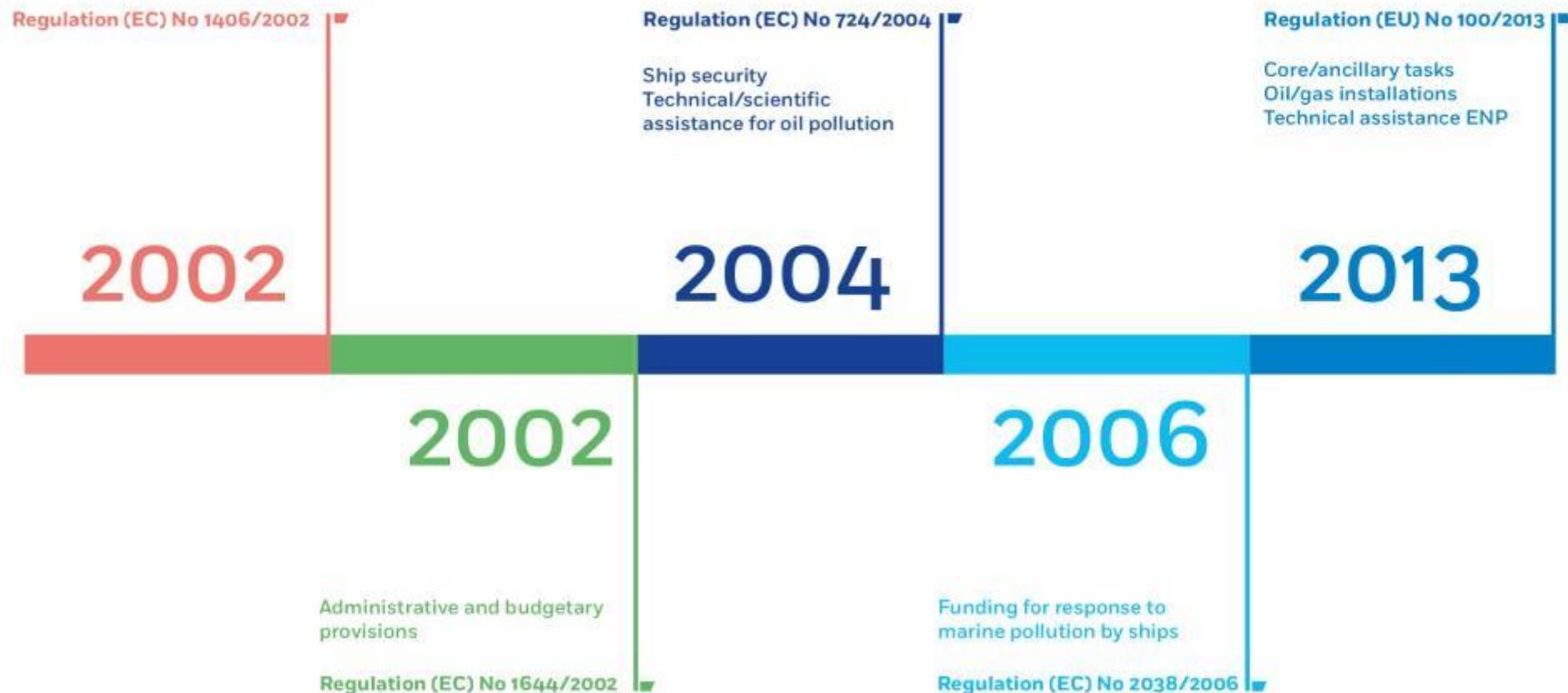
- Erika I safety package
- Erika II safety package



- EMSA established

Reg EC 1406/2002

Amendments to the founding regulation



EMSA staff by nationality





Key tasks

- Appoints the Executive Director
- Adopts the final budget as well as strategic documents (*work programme, annual report, multiannual strategy, etc.*)
- Establishes methodology for visits to Member States

Visits

Assist the Commission in fulfilling its duties

To EU Members State

Policy established by EMSA
Administrative Board

To verify correct and uniform
implementation of the EU maritime
legislation

Report to COM for assessment

Horizontal analysis

Inspections

Assist the Commission in fulfilling its duties

To Non-EU countries and ROs

To verify the correct implementation of the
International legislation by Non-EU

To verify the correct implementation of EU
legislation by ROs

Port State Control

Second line of defence

Effective only if exercised in cooperation between groups of countries

Exchange of information and harmonisation of inspections within a region are key tools to the success

Role of EMSA

- Provides COM with technical assistance
- Developed and manages THETIS
- Developed and manages Rule-check
- Developed and manages Distant learning Package (DLP)
- Implements the mandatory training schemes for inspectors

Training and Cooperation

Provision of technical assistance in the form of:

- Workshops
- Sharing best practices
- Seminars
- In-the-country trainings
- Bilateral assistance

Provided to

- EU Members States and EEA countries (30)
- Candidates and potential candidates countries to EU (6)
- European Neighbouring countries (17):
 - Mediterranean region (10)
 - Black and Caspian Seas (7)

SAFEMED III project

Started: 16 June 2013

Duration: Three years

Financed by COM (DG NEAR) – 3 millions euro

Beneficiaries: Algeria; Egypt; Israel; Jordan; Lebanon; Libya; Morocco; Palestine; Tunisia

8 activities in the field of maritime safety, maritime security, marine pollution prevention and response covering the role of beneficiaries flag, port and coastal states

Regional and bilateral actions

Provision of PSC e-tools (Rulecheck- DLP)

Pilot project to share AIS information

Pilot project to provide CSN services

TRACECA II project

Started: 16 June 2014

Duration: Two years

Financed by COM (DG NEAR) – 0.85 millions euro

Beneficiaries: Azerbaijan; Georgia; Kazakhstan; Moldova; Turkmenistan; Ukraine.

Complementary actions to main TRACECA II project managed by a consortium of private companies

Services that can be only provided by EMSA

Provision of PSC e-tools (Rulecheck- DLP)

Pilot project to share AIS information

Pilot project to provide CSN services

Training and Cooperation (2014)

EU MSs

20 events

517 staffs trained

Candidate and potential candidates

9 events

93 staffs trained

Non-EU Mediterranean countries

8 events

202 staffs trained

6 events other than training sessions, seminars or workshops

Black and Caspian Sea countries

1 event

6 staffs trained

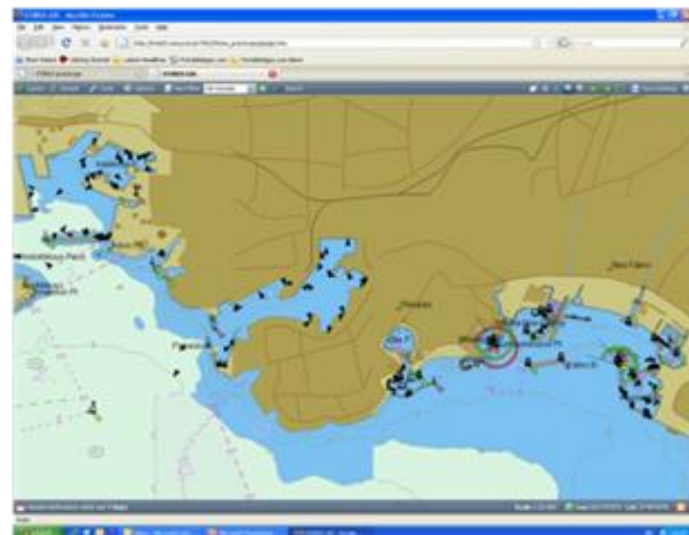
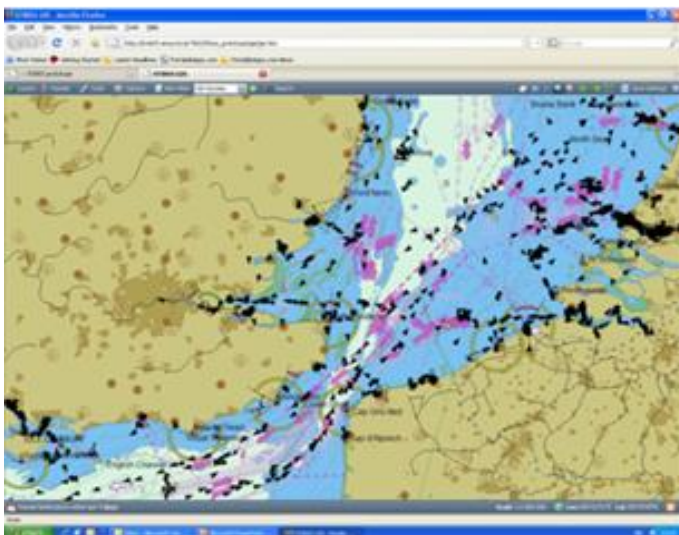
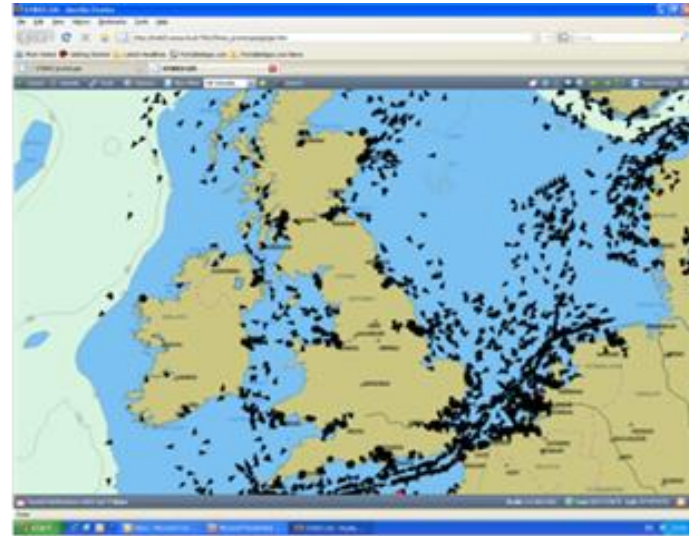
1 event other than training sessions, seminars or workshops



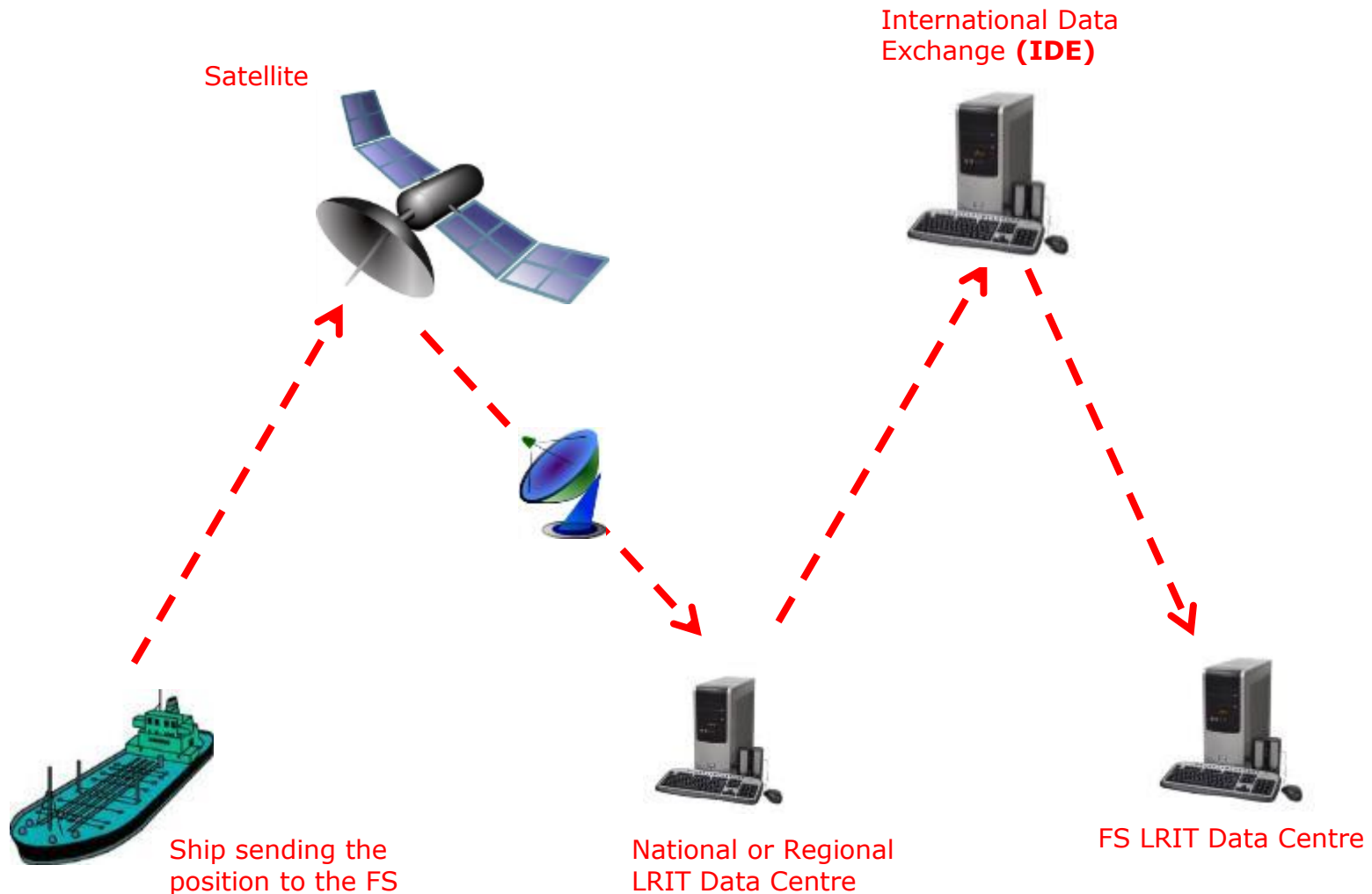
SafeSeaNet

- SafeSeaNet is a vessel traffic monitoring and information system, established by Directive 2002/59/EC (as amended) for:
 - maritime safety,
 - port and maritime security,
 - marine environment protection and
 - the efficiency of maritime traffic and maritime transport.
- enables 28 EU Member States, plus Iceland and Norway, to exchange information on vessel traffic and cargo movements
- managed and operated by EMSA; overall responsibility for the system remains with the European Commission (DG MOVE)
- provides information on pre-arrival, arrival and departure, hazardous good, incidents

SafeSeaNet



Long Range Identification and Tracking

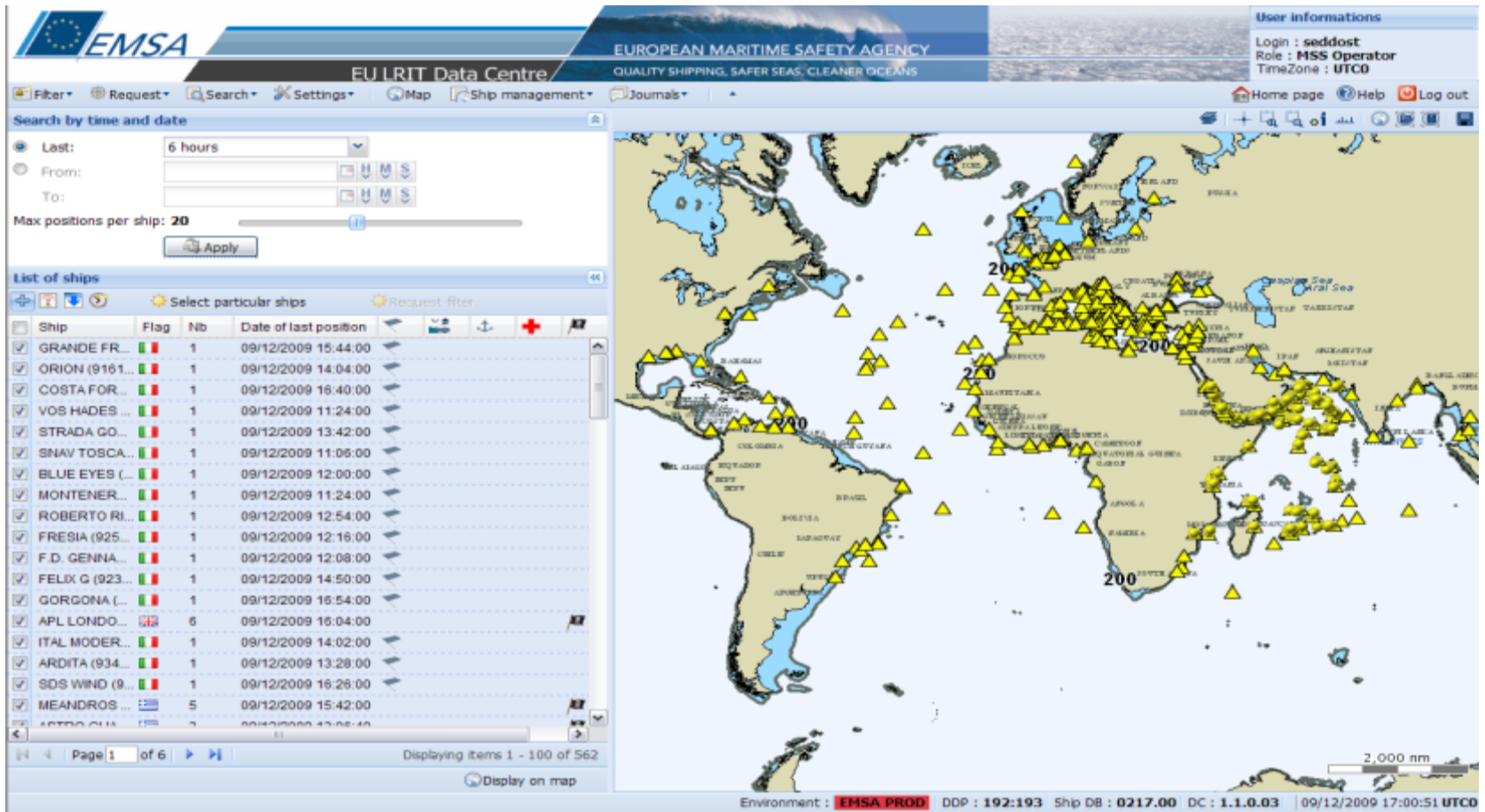


Long Range Identification and Tracking

- EU LRIT CDC counts 37 flags and over 8500 ships
- Operational since 2009
- Users:
 - Maritime administrations
 - SAR centres
 - VTS centres
 - Coast guards

- EMSA runs the LRIT IDE

Long Range Identification and Tracking



The screenshot displays the EMSA EU IRRIT Data Centre interface. The top navigation bar includes the EMSA logo, the text "EU IRRIT Data Centre", and the European Maritime Safety Agency logo with the slogan "QUALITY SHIPPING, SAFER SEAS, CLEANER OCEANS". A "User informations" box in the top right corner shows the user is logged in as "seddost" with the role of "MSS Operator" and a "UTC" time zone. Below the navigation bar, there are search and filter options, including a "Search by time and date" section with a "Last" dropdown set to "6 hours" and a "Max positions per ship" slider set to "20".

The main area is divided into two parts: a "List of ships" on the left and a map on the right. The "List of ships" table contains the following data:

| Ship | Flag | Nbr | Date of last position |
|-----------------|------|-----|-----------------------|
| GRANDE FR... | IT | 1 | 09/12/2009 15:44:00 |
| ORION (9161... | IT | 1 | 09/12/2009 14:04:00 |
| COSTA FOR... | IT | 1 | 09/12/2009 16:40:00 |
| VOS HADES ... | IT | 1 | 09/12/2009 11:24:00 |
| STRADA GO... | IT | 1 | 09/12/2009 13:42:00 |
| SNAV TOSCA... | IT | 1 | 09/12/2009 11:06:00 |
| BLUE EYES (...) | IT | 1 | 09/12/2009 12:00:00 |
| MONTENER... | IT | 1 | 09/12/2009 11:24:00 |
| ROBERTO RI... | IT | 1 | 09/12/2009 12:54:00 |
| FRESIA (925... | IT | 1 | 09/12/2009 12:16:00 |
| F.D. GENNA... | IT | 1 | 09/12/2009 12:08:00 |
| FELIX G (923... | IT | 1 | 09/12/2009 14:50:00 |
| GORGONA (...) | IT | 1 | 09/12/2009 16:54:00 |
| APL LONDO... | GB | 6 | 09/12/2009 16:04:00 |
| ITAL MODER... | IT | 1 | 09/12/2009 14:02:00 |
| ARDITA (934... | IT | 1 | 09/12/2009 13:28:00 |
| SOS WIND (9... | IT | 1 | 09/12/2009 16:26:00 |
| MEANDROS ... | IT | 5 | 09/12/2009 15:42:00 |
| ACTO CUA | IT | 1 | 09/12/2009 13:06:40 |

The map on the right shows a global view with a focus on the Atlantic and Indian Oceans, displaying numerous yellow triangular icons representing ship positions. A scale bar at the bottom right indicates "2,000 nm". The status bar at the bottom of the interface shows "Environment : EMSA PROD", "DDP : 192:193", "Ship DB : 0217.00", "DC : 1.1.0.03", and the timestamp "09/12/2009 17:00:51 UTC".

CleanSeaNet

- Operational since 2007
- 26 participating countries
- Some 2000 images delivered per year to 400 users
- Used for:
 - identifying and tracing oil pollution on the sea surface
 - monitoring accidental pollution during emergencies
 - contributing to the identification of polluters.

CleanSeaNet

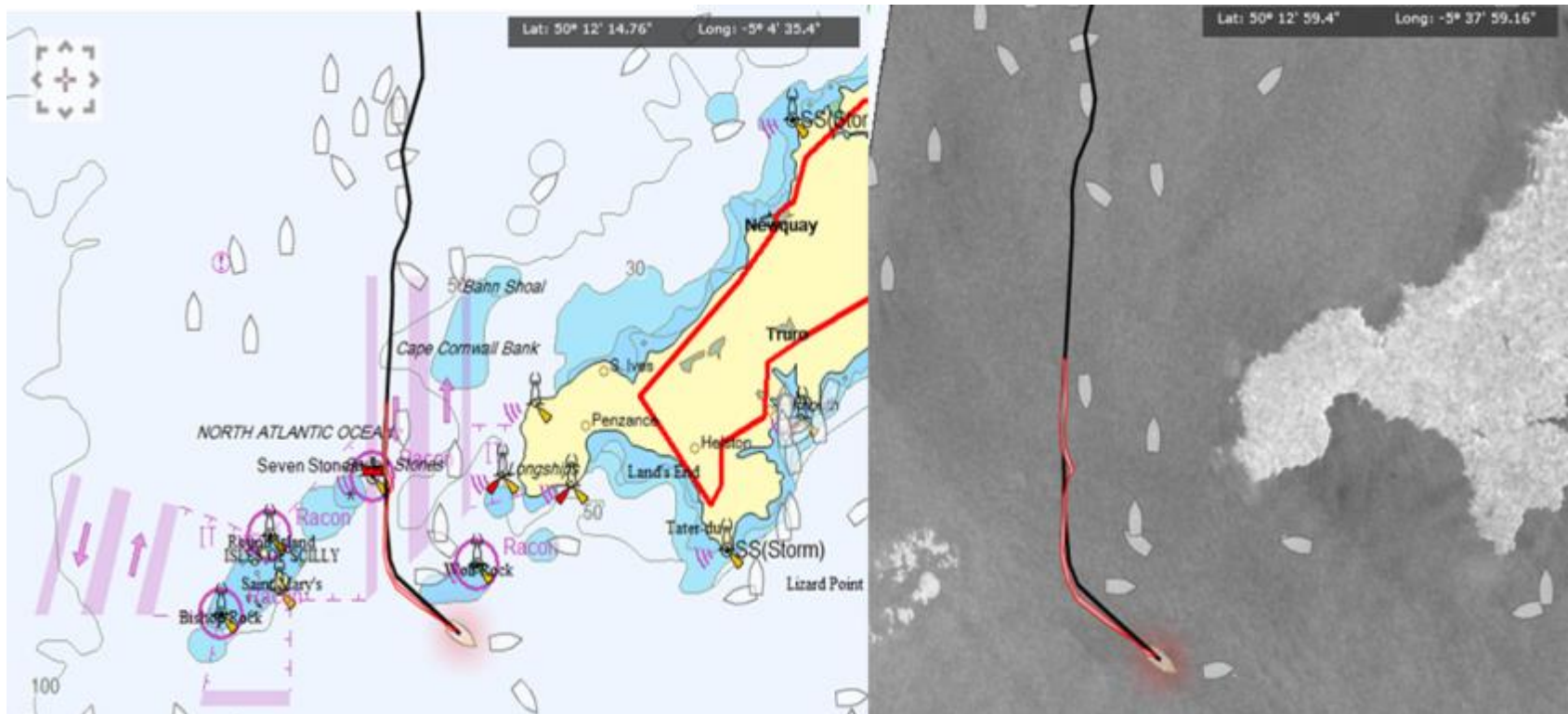


T0 = End of scene acquisition

T = T0 + 30 min

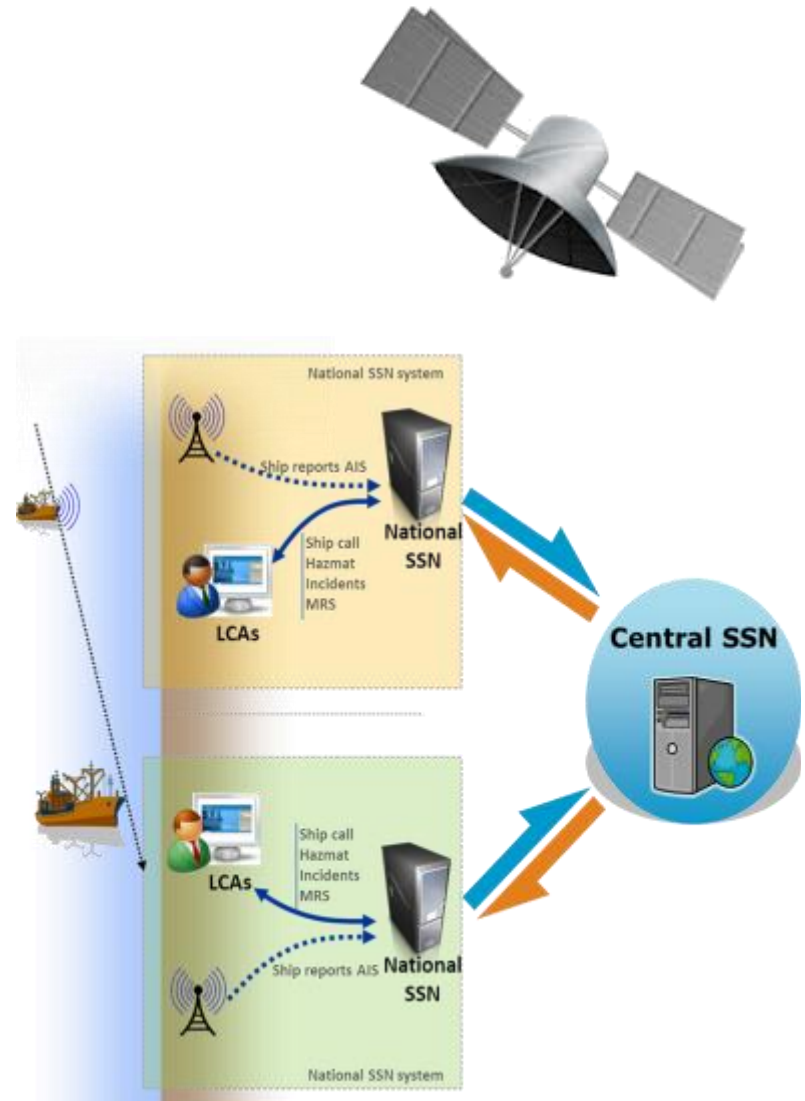
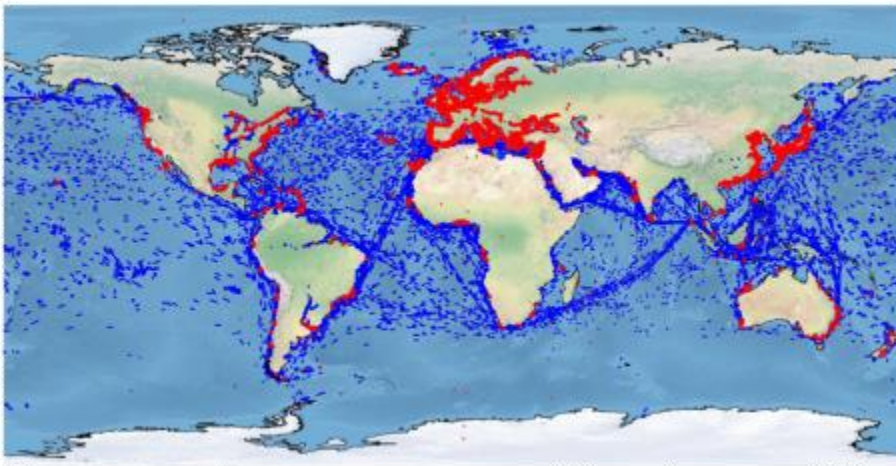
* Satellite images are acquired in segments up to 1400 km long. 30 min are for a 400 km long image

CleanSeaNet



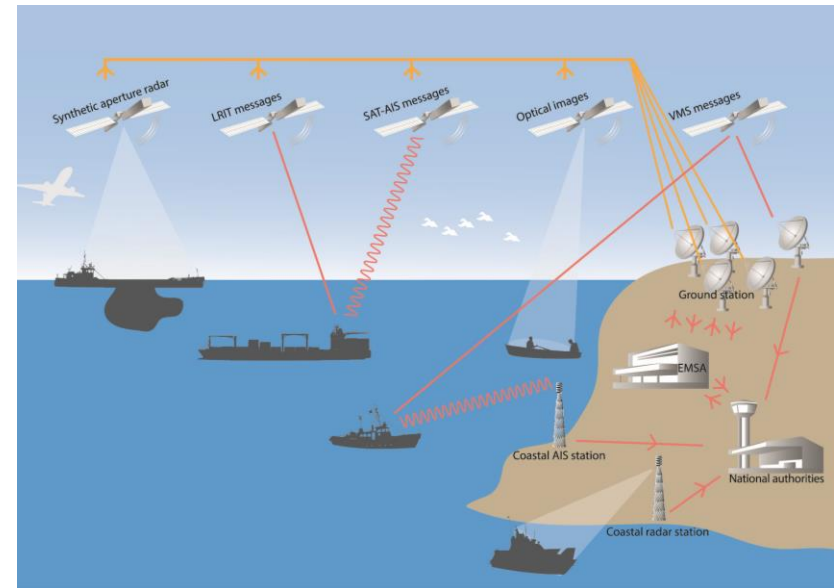
Integrated Maritime Services

- Integrated Maritime Services
- Vessel Reporting Services
- Earth Observation Services



Integrated Maritime Services

- Member States
- EU institutions and bodies
 - EFCA
 - EUNAVFOR
 - Frontex

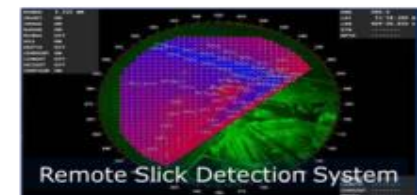


Stand-by oil spill response vessels and specialized equipment

- Different type of vessel
 - Defined mobilisation time
 - Trained crew
-
- Different options
 - Operational 24hrs a day



Type of Equipment



Thank you for your attention
Any question?

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