ARGOMARINE

AUTOMATIC OIL SPILL RECOGNITION AND GEOPOSITIONING
INTEGRATED IN A MARINE MONITORING NETWORK
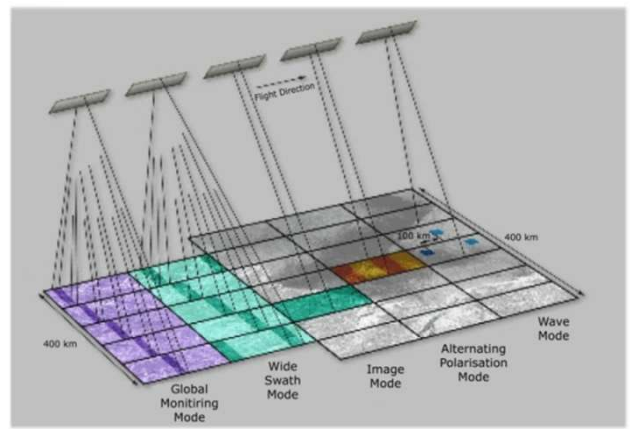
A EU 7TH FRAMEWORK PROGRAMME
PROJECT

THE ARGOMARINE PROJECT:
A LOW COST PLATFORM TO INTEGRATE DATA A
THE EXPLORATORY USE OF NEW TOOLS IN
MONITORING OIL SPILL

guido.ferraro@jrc.ec.europa.eu
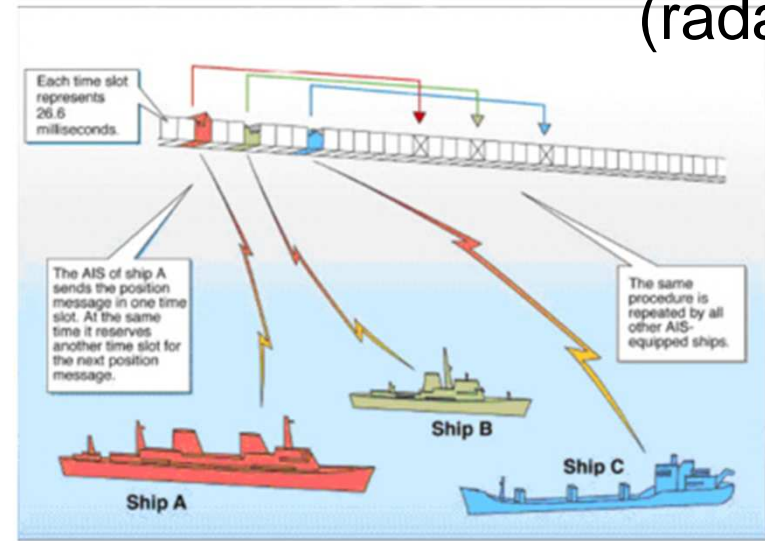
Marine Information System
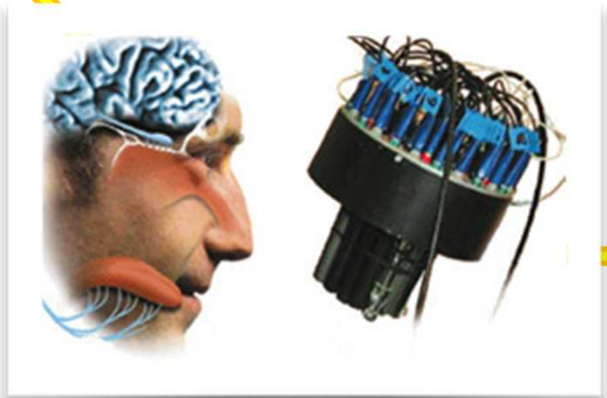

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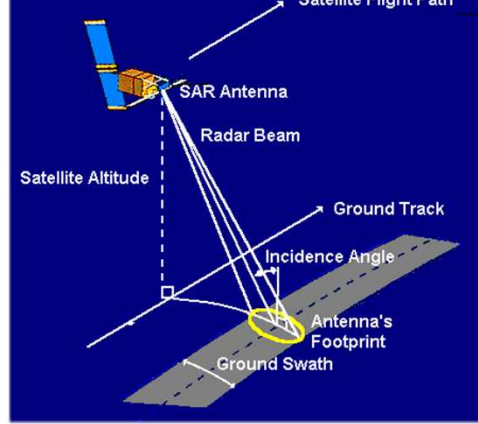AUV
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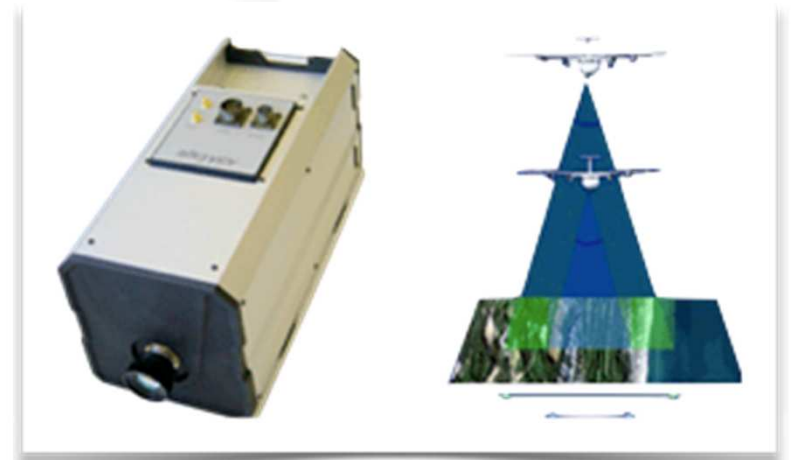vehicl

M.I.
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rs on
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AIS and V
(radar)

Electronic
Noses

R sensors (Synthetic Aperture
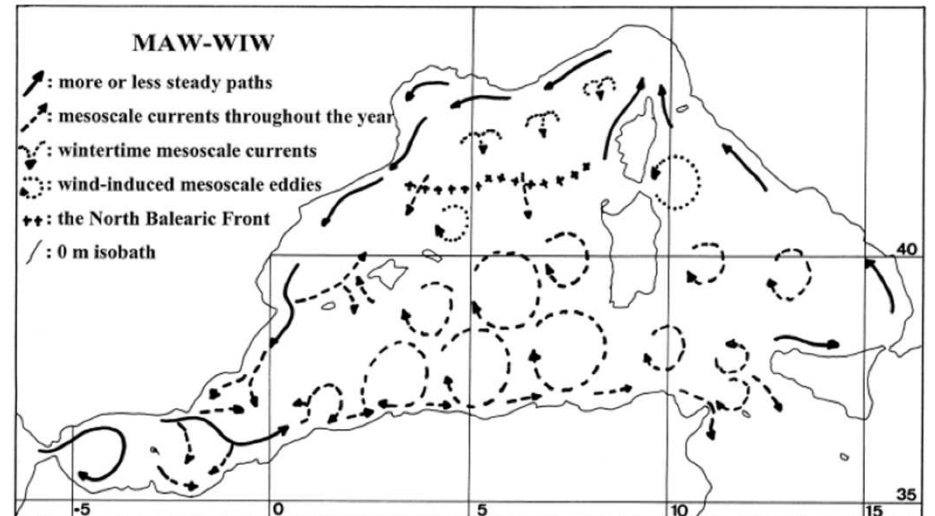from ERS-1, ERS-2, ENVISAT-
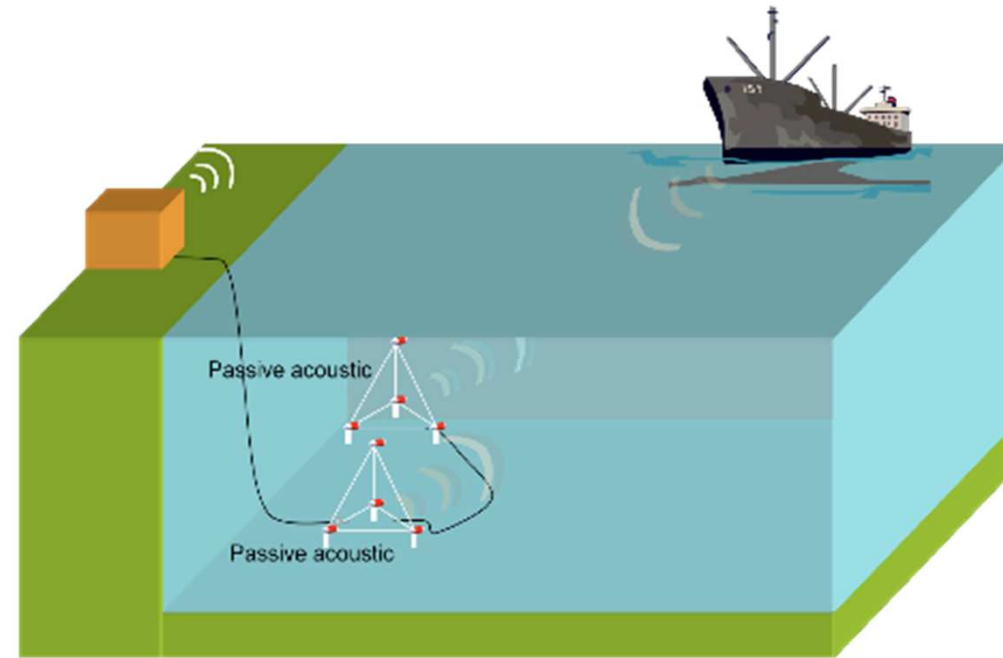AR, TerraSAR-X and Cosmo-
SkyMed

Hyperspectral sensors
on vessels and airbornes

**3) Mathematical
simulation models**

Passive acoustic sensors

Electronic noses on buoys
Autonomous Underwater
Vehicles (AUV)

GPS
WEATHER STATION
E - NOSE
RF MODEM
CROWS NEST
(ELECTRONICS)
VIDEO CAM
WINCH - ANCHOR
BATTERY
BOX + CONTROL
OUTBOARD x 2