

VMS In Turkey

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Turkey has;

- 8.333 Kms coastal
- 1.200 vessels over 15 m
- 1.900 vessels over 12m

Two systems using for monitoring;

- Satellite Based System
- VHF Based System (Automatic Identification System (AIS))

- Satellite based system was established in 2007.
- Obligatory for all Bluefin Tuna (BFT) vessels.

The number of fishing vessel monitored:

Year	Number of vessel
2007	86
2008	190
2009	90
2010	59
2011	52
2012	56
2013	40

- Automatic Identification System (AIS) which is obligatory for all fishing vessels over 15 m.
- More than 1000 fishing vessels have been monitored through infrastructure of MoTMC.
- The system will be improved and extended.

Works for the future of the VMS

Development of a specific hybrid device to function as an integrated system comprising VHF + Satellite based VMS system and Electronic Logbook is underway.

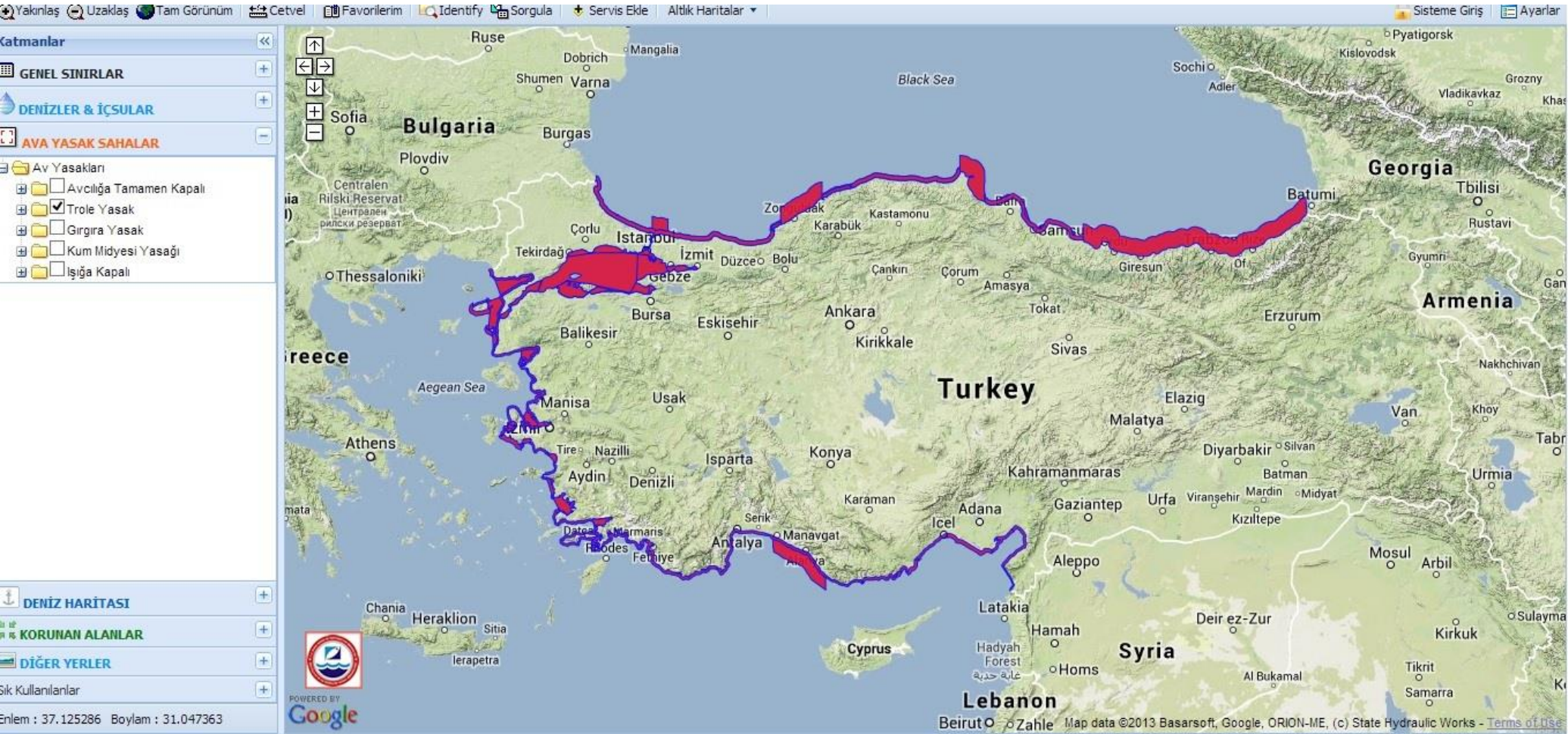
Components of VMS

- **FMC Center**
- **GIS Maps**
- **BlueBox**
 - VHF Based Transponder
 - Satallite Based Transponder
 - E-logbook

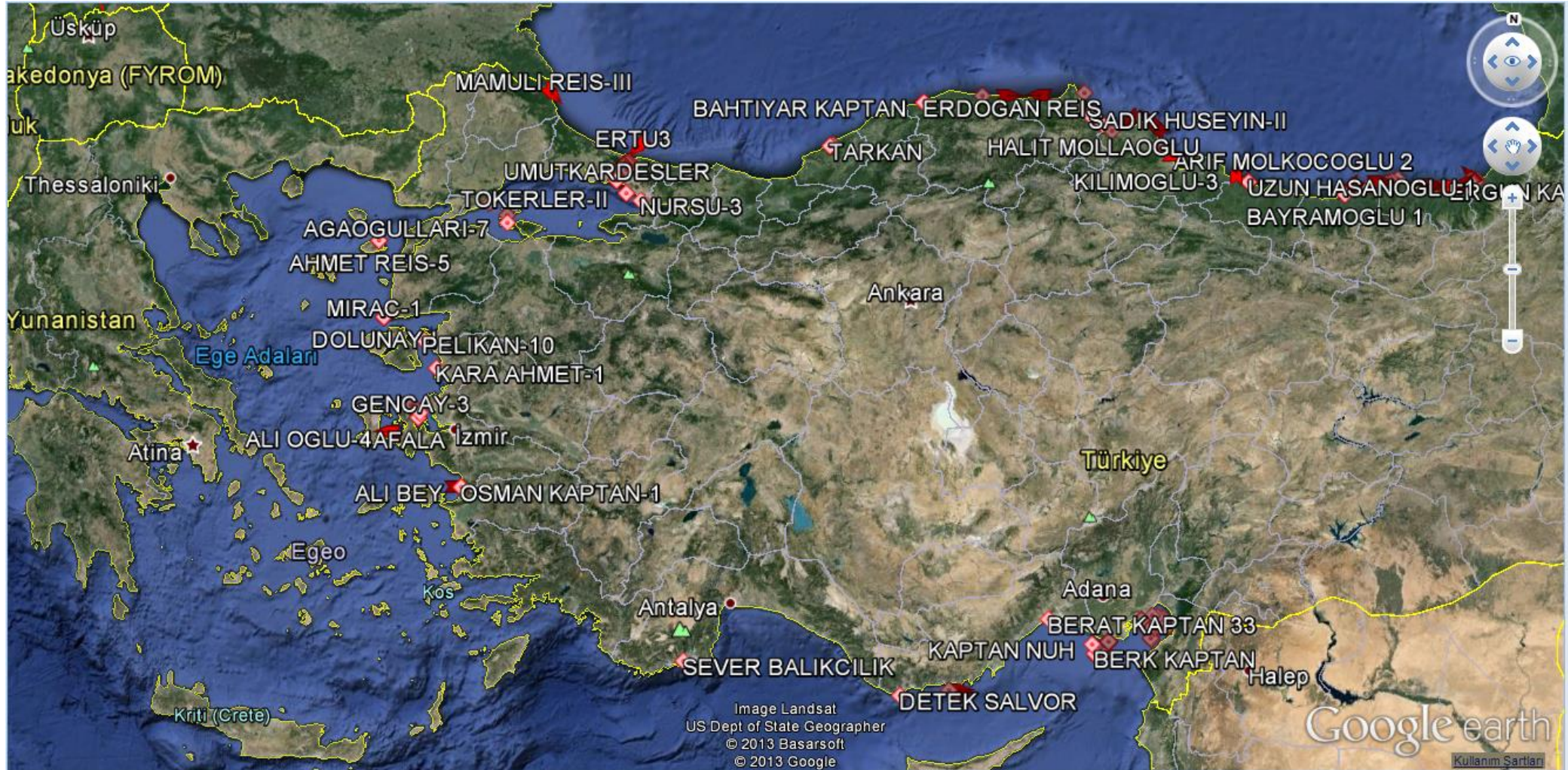
FMC Center

- Servers,
- Web Based Software:
 - Software using GIS maps and includes:
 - Restricted Areas
 - Closed areas
 - Important Informations (Ports, Aquaculture Farms etc.)

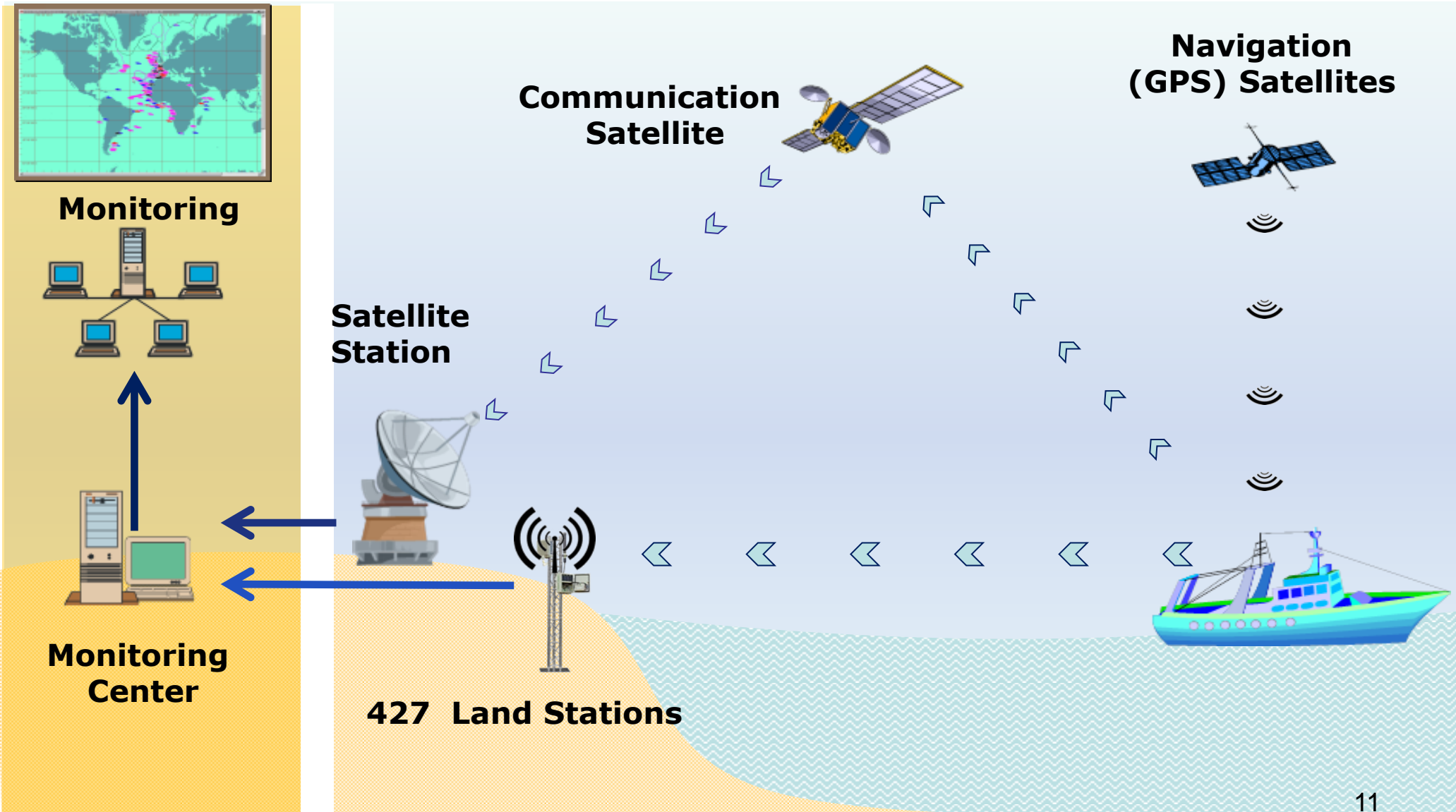
GIS Application



AIS



Vessel Monitoring System (VMS)



TEŐEKKÜRLER.

www.tarim.gov.tr

