EMSA SERVICES TO FRONTEX

**VESSELS MONITORING AND TRACKING**
- Last vessel positions reported
- Filter options for individual data sources (LRIT, AIS, etc.)
- Historical track for individual vessels

**VESSEL DETECTION SERVICE**
- Satellite radar detection of vessels over sea areas of interest
- Correlation with vessels tracks
- Highlighting small unidentified boats

**ANOMALY DETECTION SERVICE**
- Vessel behaviour monitoring
- Alert notifications for suspect behaviour
- Advanced anomaly detection algorithms

**ACTIVITY DETECTION SERVICE**
- Optical high resolution monitoring
- Activity detection over shore, ports or sea areas

**VESSEL REPORTING SERVICE**
- Regular reporting on vessels of interest
- Intelligence driven approach for monitoring potentially suspicious behaviour

**BIG VESSEL CASE SCENARIO**
- 300 GT vessels and above
- Ships reporting position data via LRIT, AIS, etc.

**SMALL VESSEL CASE SCENARIO**
- 15 metres in length and below
- Boats not reporting position data

**MONITORING SERVICES FOR CROSS-BORDER CRIME (SMUGGLING MIGRANTS, WEAPONS, TOBACCO, DRUGS)**

**TRACKING OF PARTICULAR VESSELS OF INTEREST**

**IDENTIFYING BEHAVIOURAL PATTERNS OF UNLAWFUL ACTS AT SEA**

**EARLY WARNING DETECTION SERVICE BY SATELLITE RADAR FOR SMALL UNIDENTIFIED BOATS AT SEA**

**FOLLOW-UP BY MEMBER STATES/FRONTEX ASSETS FOR IDENTIFICATION AND POSSIBLE SEARCH AND RESCUE OPERATIONS**

**TRANSFER OF INFORMATION IN NEAR REAL TIME TO ALL OPERATIONAL AUTHORITIES INVOLVED**