



ARMADA ESPAÑOLA



...getting the clearest maritime picture possible to take advantage of the maritime security operations planning and supporting the national maritime community.

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Maritime Surveillance & Ops Centre
ESP Navy Maritime Action Force



What & Who

maritime
surveillance

Tactical
direction &
coordination

Navy link to
CGF agencies
& shipping



military

safety &
security

maritime
community



Activities

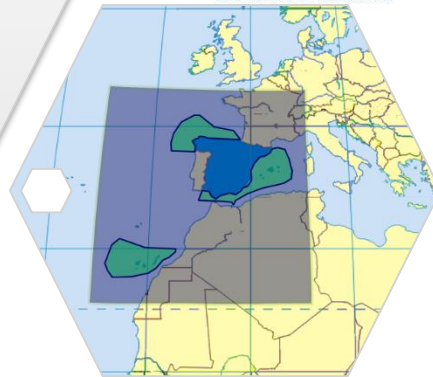
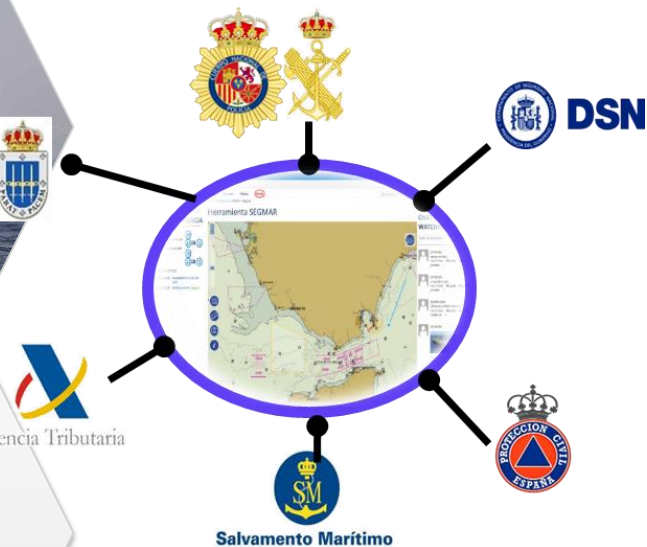
Far
theatres



Despliegue africano



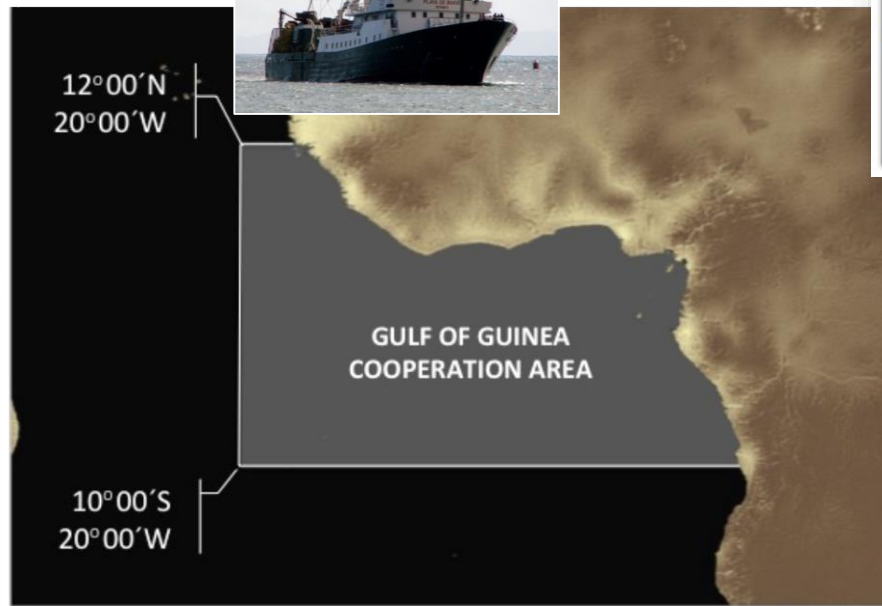
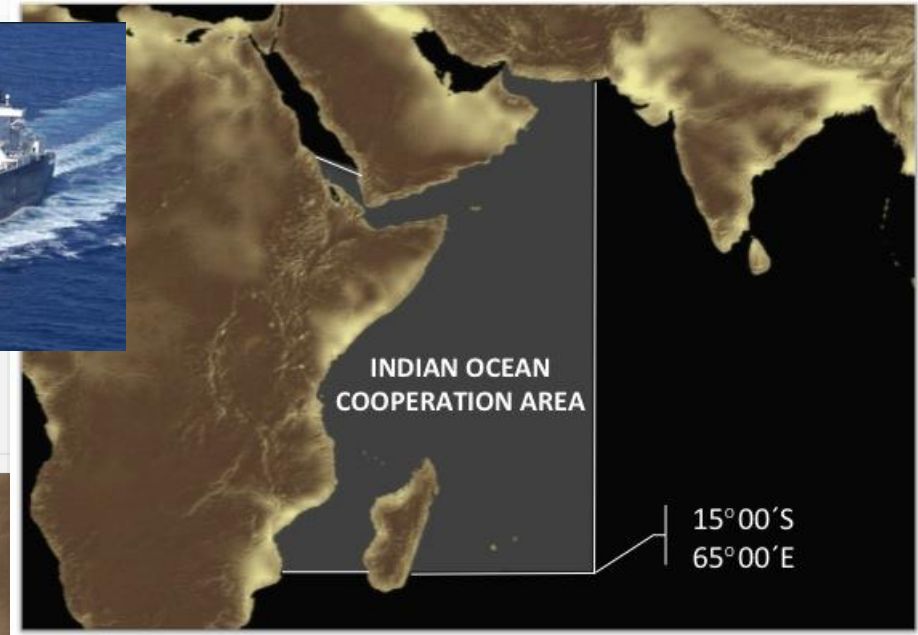
Homeland
MSO



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Activities

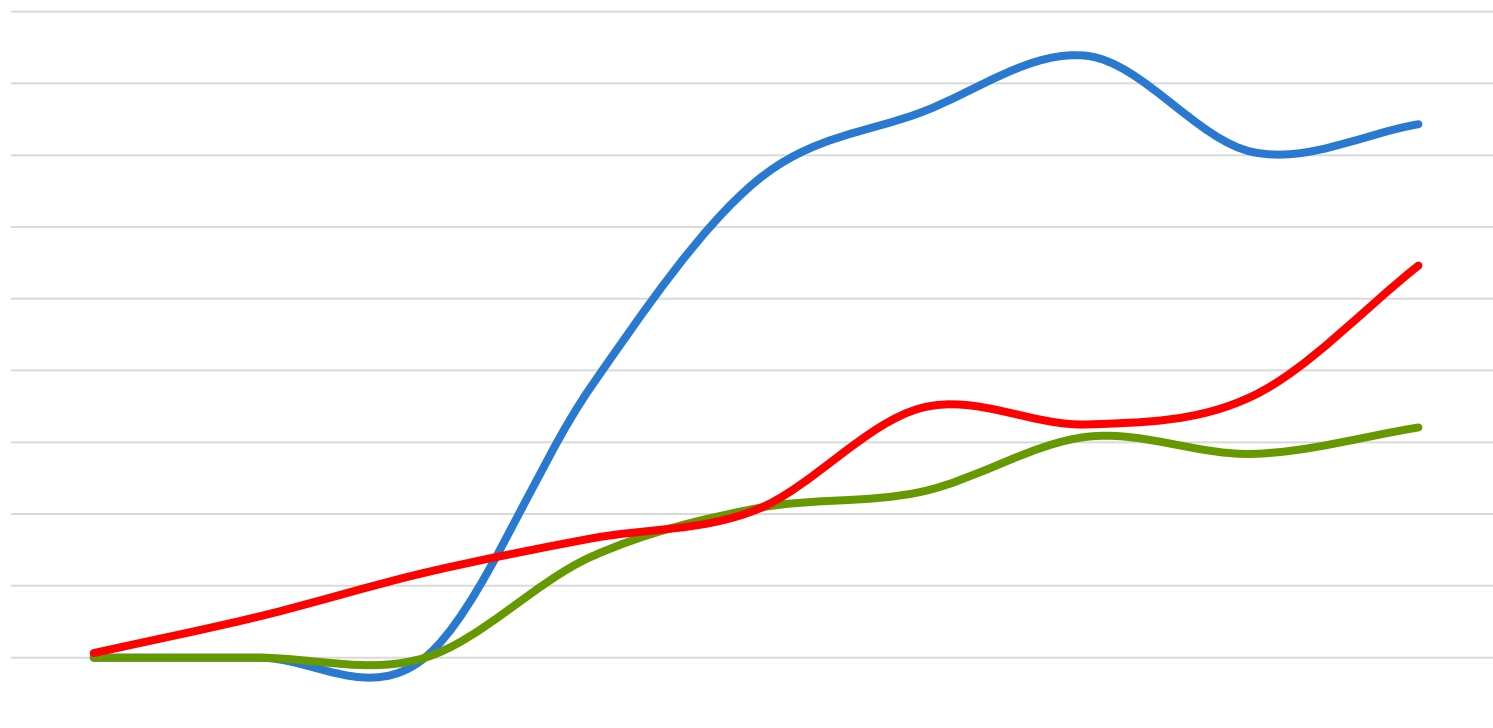


SUPPORT TO SHIPPING.

All Spanish vessels can join in a voluntary way to the maritime guidance system carried out by the Navy, and the COVAM is the single Point of Contact. Ship's transits are monitored and masters are advised in advance about security issues and warned about real alerts during their voyages through risky areas. We are doing that since 2009 in the Indian Ocean, and from 2012 in the Gulf of Guinea

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Maritime Surveillance figures



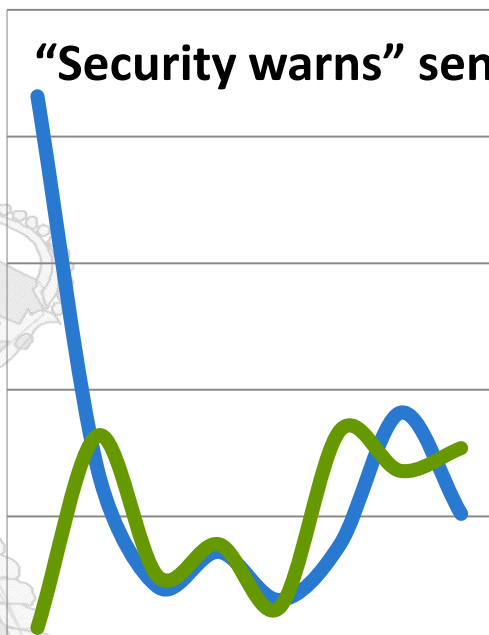
— Millas (x1000)
— Dias
— Incidentes

	2010	2011	2012	2013	2014	2015	2016	2017	2018
Millas (x1000)	0	0	0	3763	6635	7598	8382	7042	7430
Dias	0	0	0	1401	2078	2311	3076	2837	3205
Incidentes	65	576	1185	1660	2060	3481	3250	3648	5464



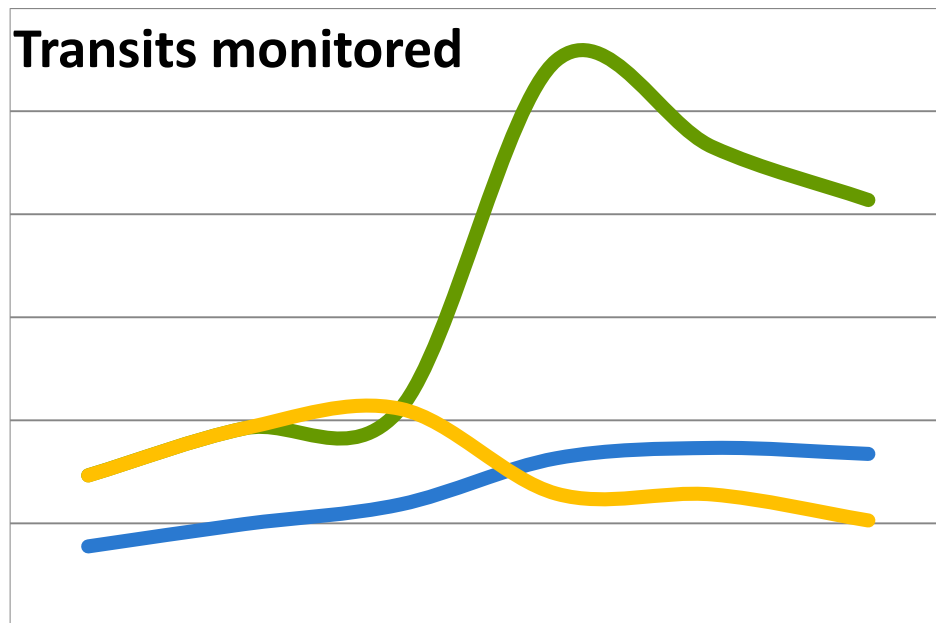
Support to Shipping figures

“Security warns” sent



	2011	2012	2013	2014	2015	2016	2017	2018
Atalanta	216	68	22	36	17	39	91	51
Guinea	6	82	26	39	14	84	68	77

Transits monitored



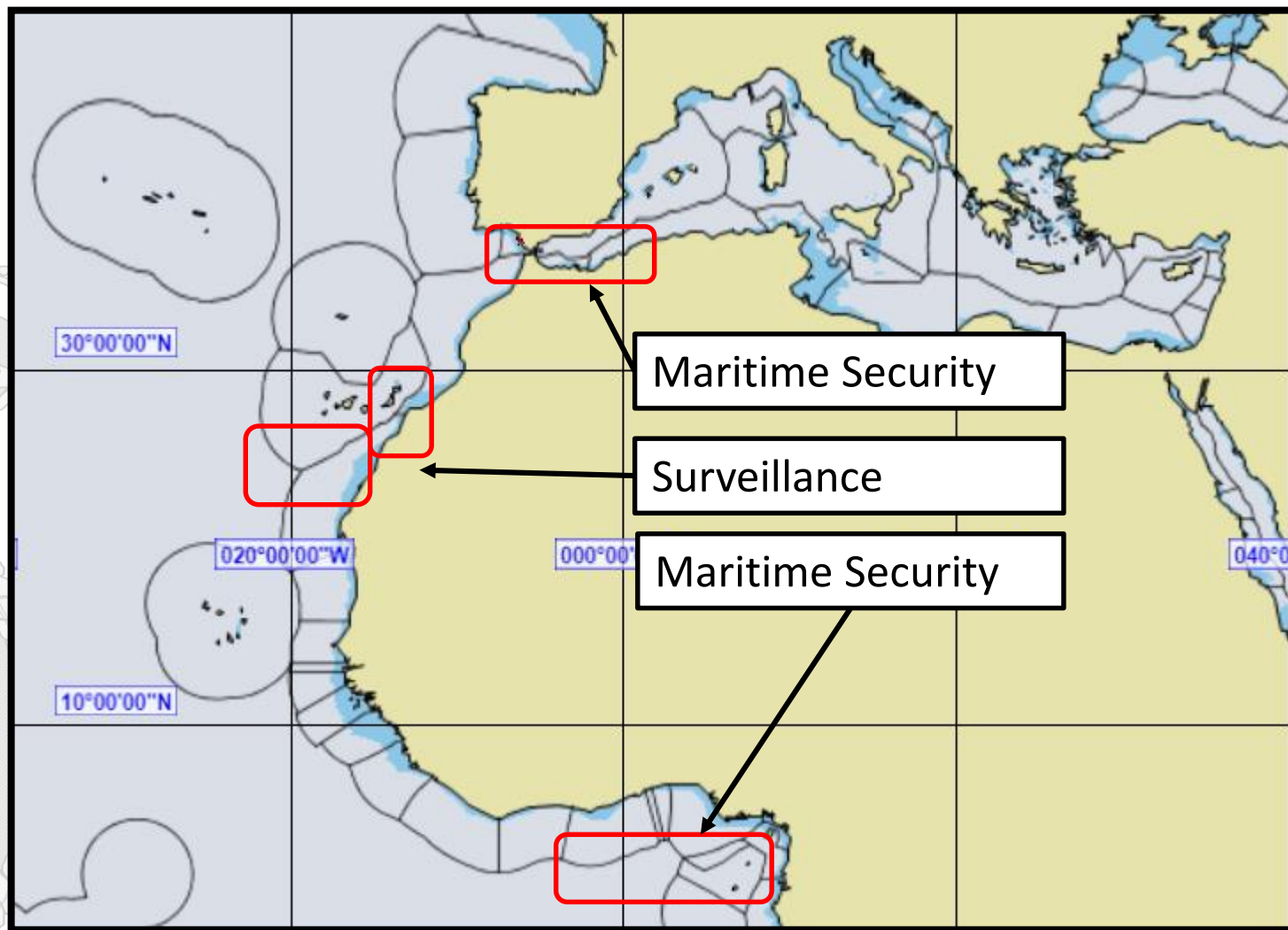
	2013	2014	2015	2016	2017	2018
Atalanta	388	496	591	815	865	836
Guinea	732	960	1055	2747	2327	2069
Libia	732	960	1055	644	640	514



COVAM CMS experience

CMS user from FEB 17

Mainly SAR acquisitions, few optical





Maritime surveillance

ACQUISITION

**Electronic
surveillance**

**Satellite
maritime
services**

**Naval & Air
assets**

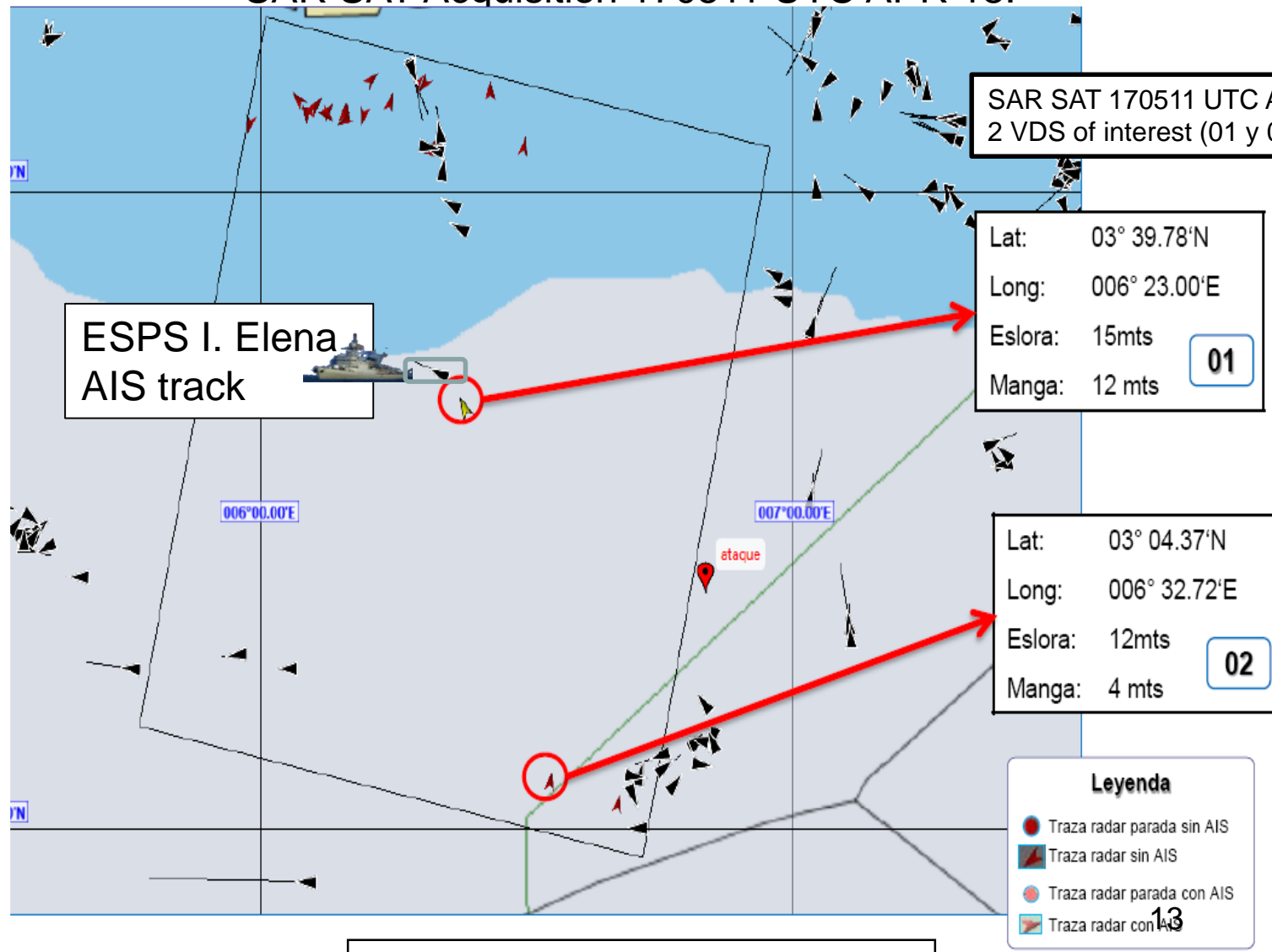
NCAGS

OSINT

EO SARSAT GoG APR18

Feedback from
results

SAR SAT Acquisition 170511 UTC APR 18.



EO SARSAT GoG APR18

Feedback from
results

SAR SAT Acquisition 170511 UTC APR 18.



Radar (12nm range) at
the time of the
acquisition (0511Z).
Prob Track 01

Lat: 03° 39.78'N

Long: 006° 23.00'E

Eslora: 15mts

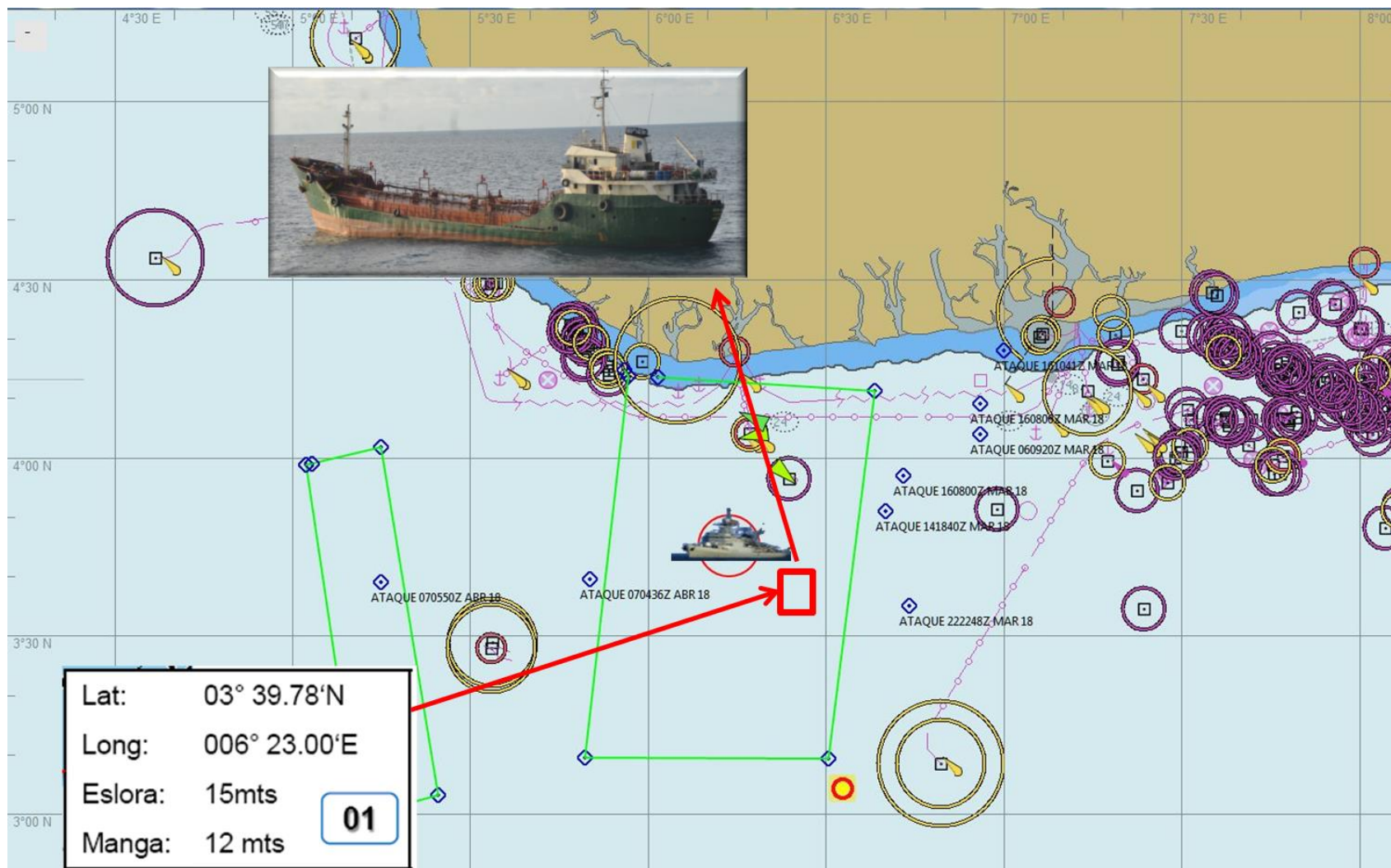
Manga: 12 mts

01

EO SARSAT GoG APR18

Feedback from
results

SAR SAT Acquisition 170511 UTC APR 18.



EO SARSAT GoG APR18

Feedback from
results

SAR SAT Acquisition 170511 UTC APR 18.

MT “SEA SUPPLY” – IMO 7827378 – Track 01



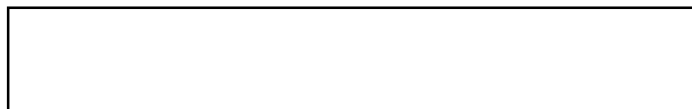
SAR SAT Acquisition 170511 UTC APR 18.

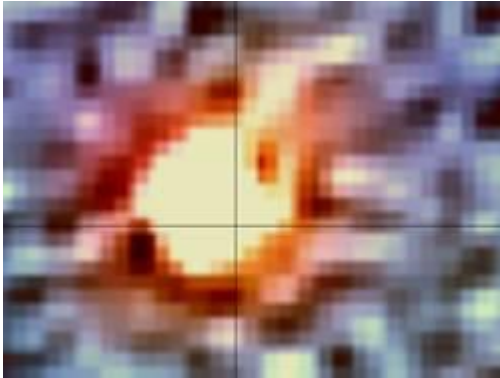
Summary. Track 01

- Identified MT Sea Supply (former ARDESEN 1), adrift at the position of the non-correlated VDS contact (track 01) investigated.
- Hailed, the ship reports to be Nigerian flagged (TZ according public AIS data bases) and chartered for bunkering.
- She was adrift waiting for orders far from coast for security reasons (antipiracy BMP)
- No link to suspicious activity detected.

Summary. Track 02

- No further investigation was posible.
- Assessed as FPSO security vessel.





**Detection of two
rubber boats
adrift alongside at
WMED**



