

ITALIAN COAST GUARD HEADQUARTERS



EU LRIT DATA CENTRE CASE STUDIES FROM ITALIAN EXPERIENCE

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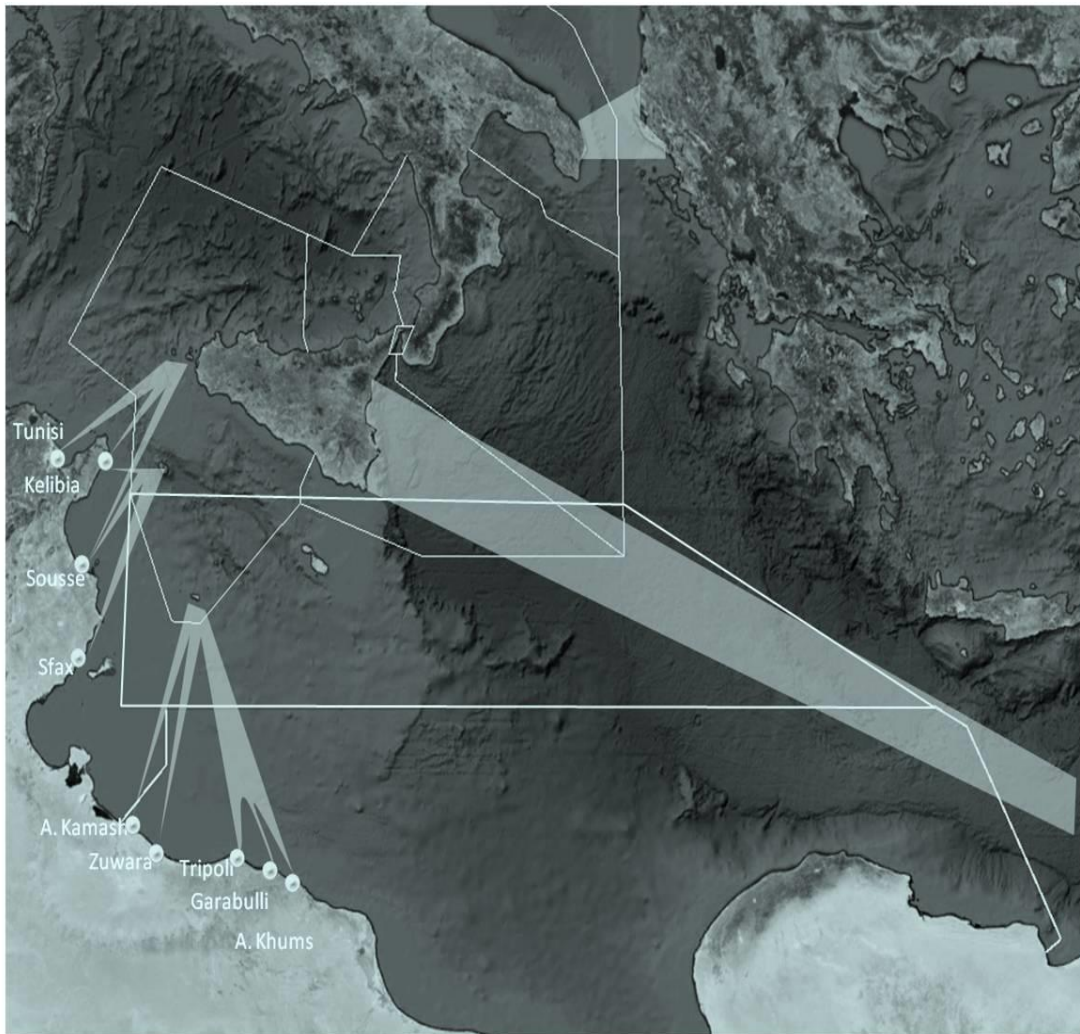
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AGENDA OF CASE STUDIES

1. EU LRIT DC “Standing Order”;
2. Results of use of EU LRIT DC for SAR connected with migration flows using “Standing Order”;



MIGRATION FLOWS



Italian Coast Guard (MRCC Roma) is engaged daily outside Italian SRR on SAR operations inside neighboring SRR areas, where competent authorities do not act properly, mainly inside Libya SRR.

In order to perform this challenging task, MRCC Rome uses Vessel Traffic Monitoring Information Systems. (eg., AIS, LRIT, VTS, several online database, etc.) in order to take information about naval assets (FF/VV, merchant ships) useful to support the rescue operations.

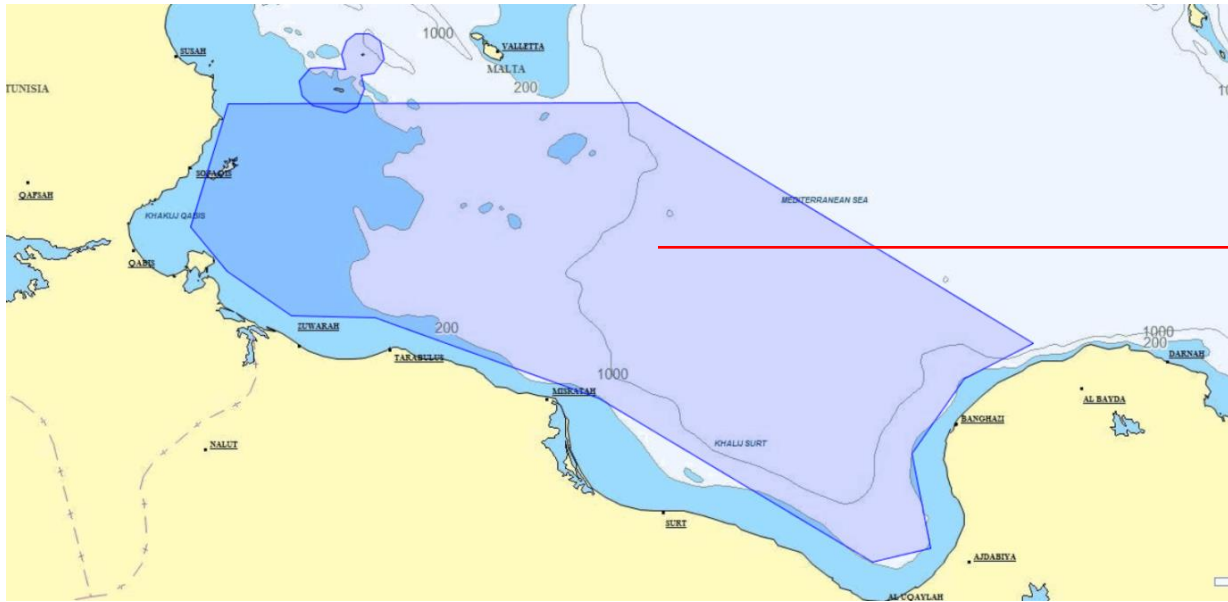
Many times the only information on maritime picture are provided by the LRIT system, as the events take place in Libyan waters where AIS is lacking.



EU LRIT DC “Standing Orders”

Since August 7th, 2014, Italy in collaboration with EMSA activated a "Standing Order Area" for receiving LRIT position by each vessel presents in this area of interest:

- Sea area among Libya, Tunisia and Lampedusa island, this area is subject to very intense migration flows that generate continuous SAR situations.

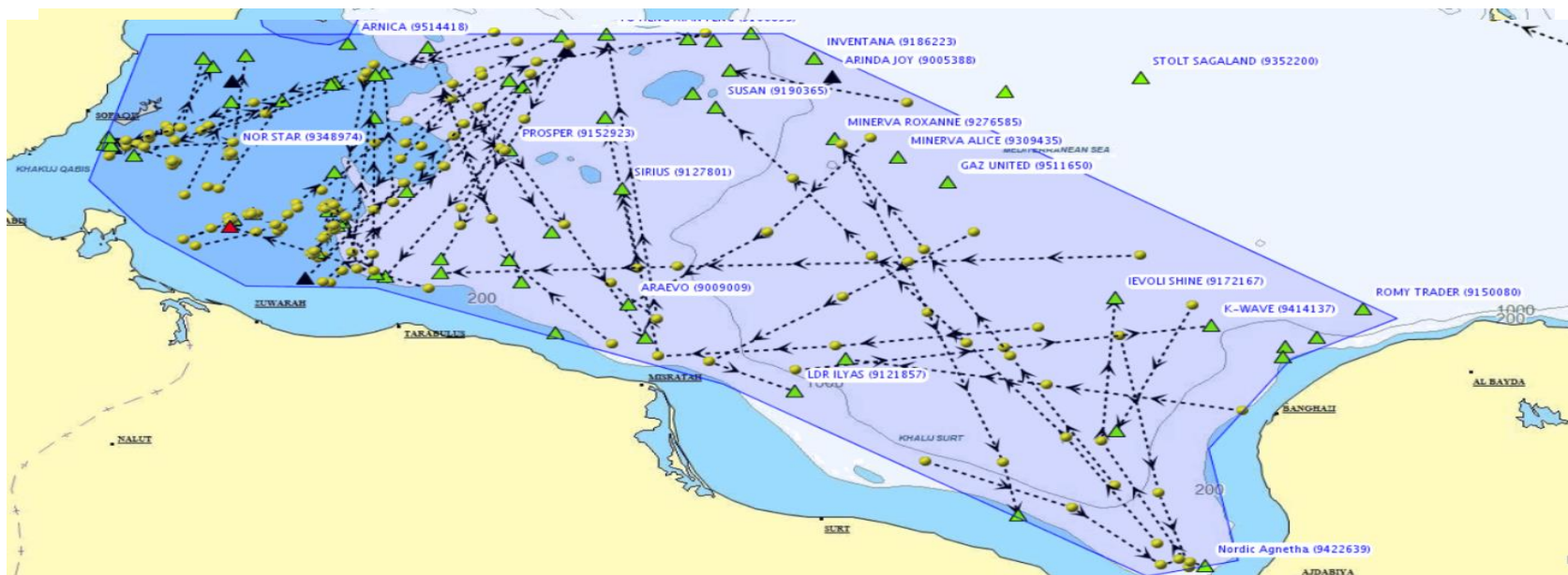


CASE 1:DESCRIPTION

EU LRIT DC “Standing Orders”

During the first month we received 2500 positions (1275 by "EU LRIT DC vessels " and 1225 by not EU vessels) with at the estimated cost of € 242,25

In this period about 15000 migrants were rescued, 90 ships were diverted and managed in about 100 SAR events.



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CASE 1:DESCRIPTION

EU LRIT DC “Standing Orders”

The use of standing order in this area is very useful because there is a very weak coverage due to the lack of AIS land stations.



The LRIT information provided by the SO have been integrated into our AIS national server



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CASE 2:DESCRIPTION

Management of migration flows using “Standing Orders” provided by EU LRIT DC

1. SEARCH AND RESCUE OF ONE RUBBER BOAT WITH 128 MIGRANTS ON BOARD
AT 100 NM NORD LIBYA COAST
2. SEARCH AND RESCUE OF ONE RUBBER BOAT WITH MIGRANTS ON BOARD AT
130 NM NORD LIBYA COAST



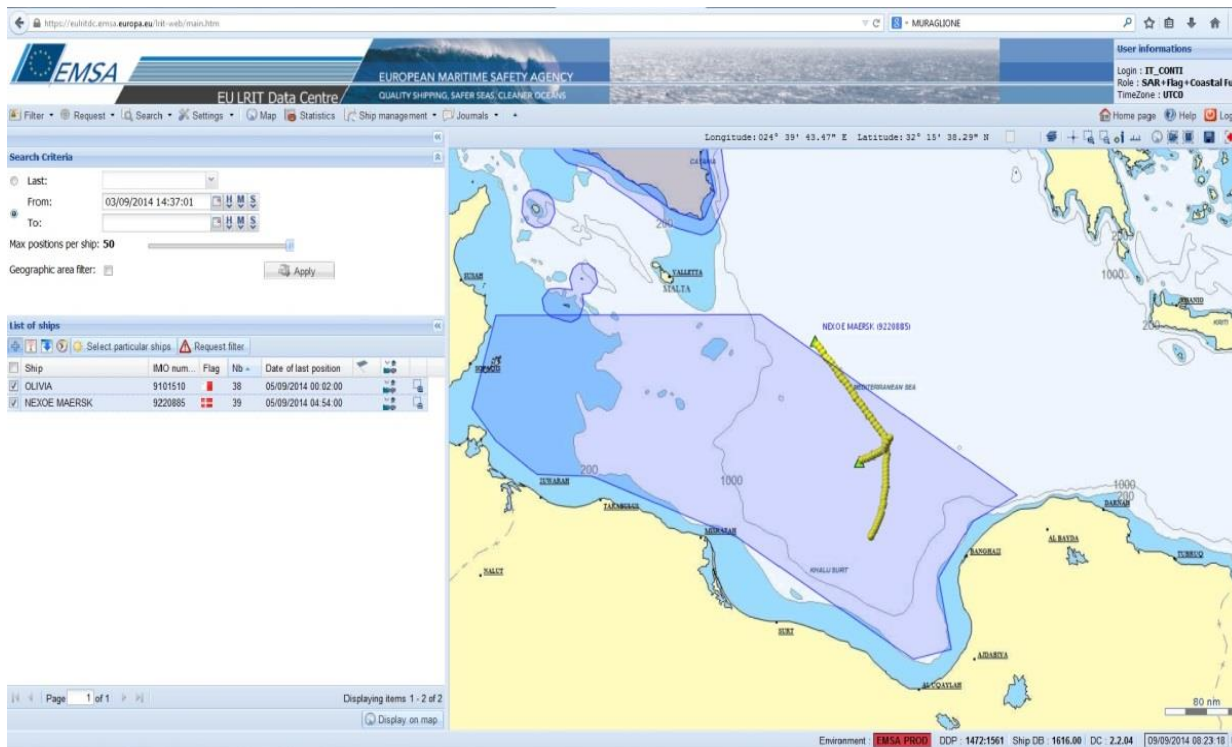
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CASE 2:DESCRIPTION

04 SEPT 2014

SEARCH AND RESCUE OF ONE RUBBER BOAT WITH 128 MIGRANTS ON BOARD
IMRCC ROME diverted to the area M/N NEXOE MAERSK and M/V OLIVIA in position 100 nm nord Libya coast, to rescue a boat adrift with 128 p.o.b.
M/V NEXOE MAERSK with the support of M/V OLIVIA, picked migrants up and took them to the port of “Porto Empedocle” where they have been disembarked on 6th



All the SAR operations were followed using the LRIT system



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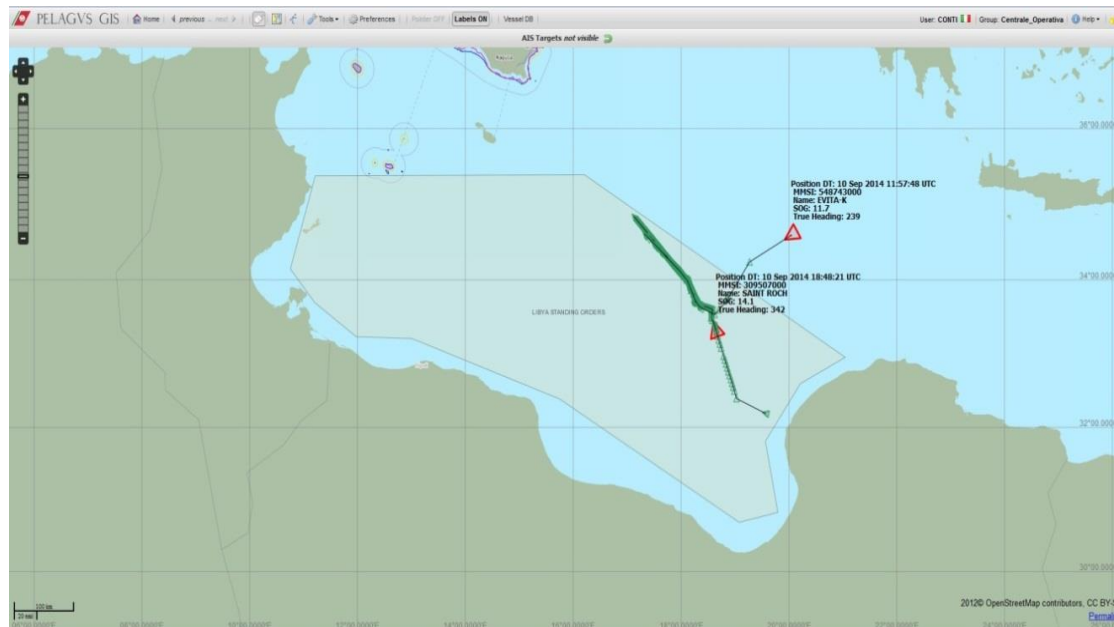
CASE 2:DESCRIPTION

10 SEPT 2014

SEARCH AND RESCUE OF TWO RUBBER BOATS WITH MIGRANTS ON BOARD

IMRCC ROME diverted to the area M/V EVITA-K and M/V SAINT ROCH in position 130 NM nord Libya coast, to rescue a boat adrift with migrants.

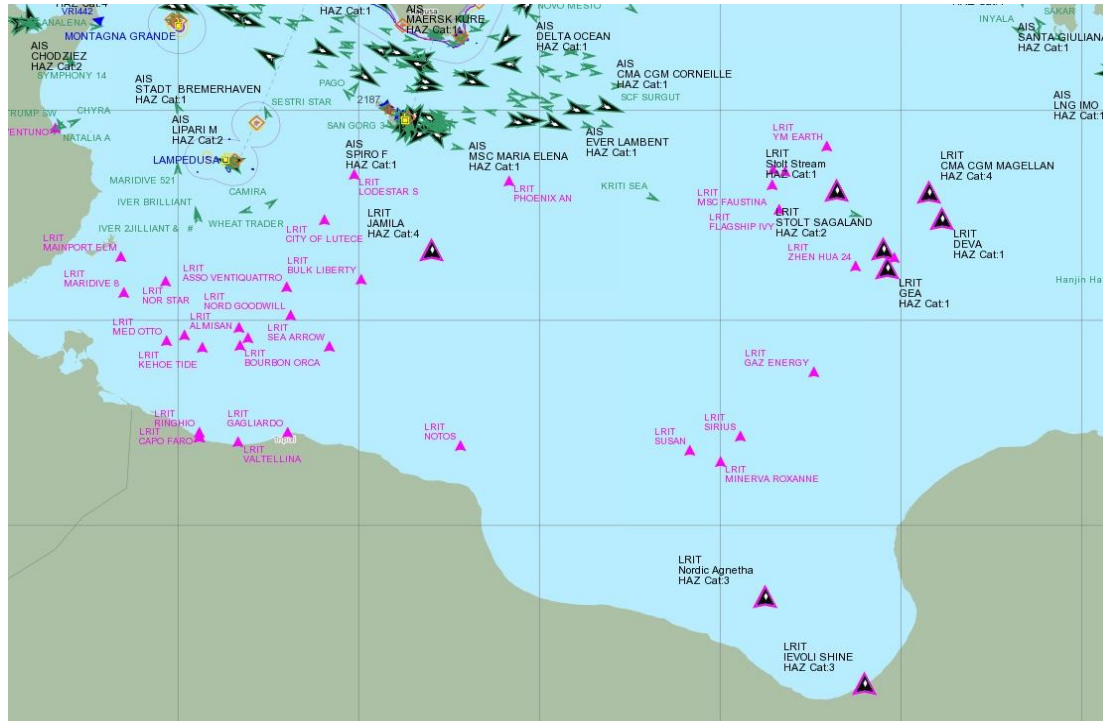
M/V EVITA-K picked up 94 migrants and took them to the port of “Catania”, while M/V SAINT ROCH picked up 198 migrants and took them to the port of “Messina”. In order to follow the SAR operations the M/V SAINT ROCH's LRIT shipborne equipment was set to 15 minutes transmission until it has passed under AIS coverage.



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REMARKS



Often we cannot “see” AIS information due to bad propagation and due to the lack of AIS land stations in Libya.

In order to have a better maritime scenario, IMRCC Rome is discussing with EMSA the possibility to change automatically to one hour the rate of transmission for all ships entering inside the “Libya standing order area”



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IMRCC ROME WISHES TO STRONGLY THANK EMSA LRIT
TEAM FOR THE PRECIOUS AND CONTINUOUS SUPPORT
THAT THEY ALWAYS PROVIDE US.



THANK YOU FOR ATTENTION!



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