SEARCH AND RESCUE PROCEDURES AND INFRASTRUCTURE

WMU – INTERNATIONAL SYMPOSIUM ON MIGRATION BY SEA
MALMO 26 - 27 APRIL 2016

Captain (ITCG) Sandro GALLINELLI
Head of the «Plans Office»
3rd Dpt «Plans and Operations»
sandro.gallinelli@mit.gov.it
Agenda

1. Primary goals and role of ITCG
2. Current ITCG assets and capabilities
3. Migration Outlook and analysis
4. SAR and migration flows
5. SAR and migration flows statistics
6. SAR Ops and Law enforcement at Sea
7. Conclusions
1. Primary goals and role of ITCG: National Framework

- Ministry of Infrastructures and Transport
- Judicial Authority
- Ministry of Agriculture Food and Forestry Policies
- Ministry of Interior
- Ministry of Defence
- Ministry of Environment Protection of Land and Sea
- Ministry of Economic Development
- Ministry of Cultural Heritage and Activities and Tourism
- Ministry of Labour
- Civil Protection Department
1. Primary goals and role of ITCG: International role
2. Current ITCG assets and capabilities: ITCG Monitoring systems

A.I.S. - AUTOMATIC IDENTIFICATION SYSTEM

SAFESEANET

L.R.I.T. - LONG RANGE IDENTIFICATION AND TRACKING
2. Current ITCG assets and capabilities: Aircraft surveillance systems

- A.T.V. Camera
- E.O.S. System (Electro Optical Surveillance and tracking)
- I.R. Camera
- S.L.A.R. (Side Looking Airborne Radar)

Rubber boat spotted
3. Migration Outlook and analysis: Old and new Migration flows comparison

LEGAL WAYS FOR ECONOMIC MIGRATION FLOW

1900

TODAY: MIGRANT SMUGGLING AND TRAFFICKING
Without our help their destiny is ... to die!

ITALIAN COAST GUARD HEADQUARTERS

ITALIA

LO SBARCO

La Kaykay 5 viene trascinata a Leuca (LE) e arrivà nei porti di Gallipoli (LE).

PUGLIA, IL NUOVO SBARCO / A Otranto la nave carica di curdi e palestinesi. A bordo 130 persone.

IN PRIMO PIA

Presi 5 scafisti: si nascondevano tra i claidi.

Oltre 11 di terti la “Diter” è finalmente alla sua carica di vita umana.

La nave dei clandestini: donne e bambini

Seicento disperati sbarcano in Puglia da una carretta in avaria. Un parto a bordo. Femm.

LA STORIA

 Una dozzina portati in ospedale. Allora hano pagato 2 mil.

Da Leuca, dove l'incante e l'intenz.

AZIENDA TRADING

NUNZIO RUGGIERI

DALL’ITALIA - È esce-

La Kaykay 5 viene trascinata a

aliazionali di un sacco rettangulari.

LO SBARCO

La Kaykay 5 viene

A LEVANTE

La Kaykay 5 viene

AZIENDA TRADING

Sull’isola di Leuca. Ci sono le

AZIENDA TRADING

La Kaykay 5 viene

AZIENDA TRADING

La Kaykay 5 viene

AZIENDA TRADING

La Kaykay 5 viene

AZIENDA TRADING

La Kaykay 5 viene
Europe is engaged by an “Epic diaspora” coming from Africa and Asia.

The 7 «Mile Stone» transit Countries:

- **West Africa route**: Mauritania,
- **Western Med / Central Med route**: Algeria, Mali, Niger;
- **East Africa route**: Ethiopia, Sudan
- **Eastern Mediterranean route**: Turkey
3. Migration Outlook and analysis: main routes analysis

<table>
<thead>
<tr>
<th>MIGRANTS RESCUED/ASSISTED</th>
<th>SINGLE FLOW</th>
<th>2014</th>
<th>2015</th>
<th>TREND</th>
</tr>
</thead>
<tbody>
<tr>
<td>Libya</td>
<td>141.293</td>
<td>139.777</td>
<td>▼</td>
<td></td>
</tr>
<tr>
<td>Turkey</td>
<td>10.341</td>
<td>2.371</td>
<td>▼</td>
<td></td>
</tr>
<tr>
<td>Greece</td>
<td>1.508</td>
<td>2.084</td>
<td>▲</td>
<td></td>
</tr>
<tr>
<td>Tunisia</td>
<td>1.215</td>
<td>543</td>
<td>▼</td>
<td></td>
</tr>
<tr>
<td>Egypt</td>
<td>15.413</td>
<td>8.9222</td>
<td>▼</td>
<td></td>
</tr>
<tr>
<td>Algeria</td>
<td>155</td>
<td>321</td>
<td>▲</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>86</td>
<td>--</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Red flow: Main flow
- Blue flow: Secondary flow
- Dashed flow: Flow suspended during 2015
3. Migration outlook and Analysis – Push factors and Migrants flows through Italy since 1991

**Migrants rescued under IMRCC coordination from 1991 up to 2015: 638,612**

In the last 2 years, Italy rescued more migrants than during the previous 23 years.

The beginning:

In 1991, 70,082 migrants were rescued in Italy, compared to 170,011 in the last 2 years.

PUSH FACTORS

- **Main Conflicts of interest**:
  - Albanian Crisis
  - Albanian Civil War
  - Kosovo Conflict
  - Iraq Conflict
  - Arab Spring
  - Libyan Civil War
  - Syrian Civil War
  - Afghan Conflict

EUNAVFOR Med
Frontex Triton
Mare Nostrum
(Still in Progress)

**07/08/1991**
4. SAR and Migration flows: Commitments for the masters and for the States
The first SAR authority (RCC) that becomes aware of an actual or potential emergency (inside or outside its SRR), it becomes responsible for the case and should take all the necessary action to co-ordinate the response, until the appropriate RCC has assumed responsibility (IAMSAR Vol.II).
4. SAR and Migration flows: Italy in the center of the Mediterranean Sea

Italian SRR: ~500,000 km²

Neighboring Countries situation:

<table>
<thead>
<tr>
<th>Country</th>
<th>Gaps</th>
</tr>
</thead>
<tbody>
<tr>
<td>Malta</td>
<td>~ 29,000 Km² overlapping SAR Region Malta-Italy;</td>
</tr>
<tr>
<td>Lybia</td>
<td>SAR Region (SRR) not declared</td>
</tr>
<tr>
<td>Egypt</td>
<td>SAR Convention not ratified</td>
</tr>
<tr>
<td>Tunisia</td>
<td>SAR Region (SRR) not declared</td>
</tr>
</tbody>
</table>

During 2015 MRCC ROME managed more than 8,000 Emergency calls for more than 930 SAR cases related to migrant flows.

ITCG is actively involved in SAR cases occurring in area of ~1,275,000 km² (51% of all Mediterranean Sea Surface).
4. SAR and migration flows: ITCG activities - SAR operations priority

ITALIAN COAST GUARD - IMRCC
IS THE NATIONAL AUTHORITY RESPONSIBLE FOR SEARCH AND RESCUE

SAR
SEARCH AND RESCUE

COOPERATION IN SEARCH AND RESCUE IS A BINDING PRIORITY FOR ALL THE SHIPS IN CONDITION TO PROVIDE ASSISTANCE

MERCHAND VESSELS
TRITON
EUNAVFOR
MARE SICURO
NGOs
4. SAR and Migration flows: SAR Coordination steps

SAR coordination is a complex, dynamic and active operational activity

**Step 1:** SAR Emergency info or First Distress Call
**Step 2:** Information verification process
**Step 3:** Best rescue asset identification process
**Step 4:** Coordination & control of SAR Ops
**Step 5:** Place of safety (POS) coordination activity
**Step 6:** Disembarkation coordination

Active identification/coordination loop

Information dissemination process

**IMRCC Rome**

- Is the 1st Information Provider
- Has the overall SAR maritime picture
- Can “openly” contact all countries/institutions/assets involved
4. SAR and Migration flows: Beyond ordinary SAR events

**EVERY OVERCROWDED BOAT IS A S.A.R. CASE ITSELF AND A POSSIBLE DISTRESS SITUATION**

- Unseaworthy boats manned by criminal organizations
- No flag state, no professional crew on board
- Absence/shortage of safety equipment on board
- Overcrowded boats – women - children
- Declared/real presence of medical emergencies

**“DISTRESS PHASE” EVEN WITHOUT A DISTRESS SIGNAL (ON A PRECAUTIONARY BASIS PRINCIPLE)**
4. SAR and Migration flows: multiple SAR cases in a single day
4. SAR and Migration flows: 2015 Guinness days

<table>
<thead>
<tr>
<th>Date</th>
<th>Simultaneous SAR Cases</th>
<th>People rescued</th>
<th>in 48h</th>
</tr>
</thead>
<tbody>
<tr>
<td>12/04/15</td>
<td>22</td>
<td>3.893</td>
<td>40 boats for 6.668 rescued</td>
</tr>
<tr>
<td>13/04/15</td>
<td>18</td>
<td>2.775</td>
<td></td>
</tr>
<tr>
<td>02/05/15</td>
<td>15</td>
<td>3.669</td>
<td>32 boats for 6.550 rescued</td>
</tr>
<tr>
<td>03/05/15</td>
<td>18</td>
<td>2.881</td>
<td></td>
</tr>
<tr>
<td>29/05/15</td>
<td>22</td>
<td>4.227</td>
<td></td>
</tr>
<tr>
<td>07/06/15</td>
<td>15</td>
<td>2.454</td>
<td></td>
</tr>
<tr>
<td>22/06/15</td>
<td>18</td>
<td>2.880</td>
<td></td>
</tr>
<tr>
<td>28/06/15</td>
<td>23</td>
<td>2.952</td>
<td></td>
</tr>
<tr>
<td>22/08/15</td>
<td>21</td>
<td>4.400</td>
<td></td>
</tr>
<tr>
<td>19/09/15</td>
<td>20</td>
<td>4.412</td>
<td></td>
</tr>
</tbody>
</table>

in 240h: 34.543 people rescued on board of 192 boats.

Comparisons:
- The largest cruise ship: Allure of the Sea, 6.296 passengers
- The largest aircraft: Airbus A380-800, 853 passengers

5 ½, or 40 ½
4. SAR and Migration flows – SAR Ops in Mediterranean sea

**POSEIDON (AEGEAN):**
- TOT. MIGRANTS INTERCEPTED: 727,248 (+1.817%)
- MIGRANTS RESCUED AT SEA (S.A.R.): 92,267 (13%)
- EU COSTAL DISTANCE AVERAGE: 3MN (6 KM)
- MISSION DURATION: 12 MONTHS (ONGOING MISSION)

**TRITON (CENT MED / IONIAN):**
- TOT. MIGRANTS INTERCEPTED: 145,754
- MIGRANTS RESCUED AT SEA (S.A.R.): 142,993 (98%)
- EU COSTAL DISTANCE AVERAGE: 150 MN (300 KM)
- MISSION DURATION: 12 MONTHS (ONGOING MISSION)

**INDALO (WEST MED / ALBORAN):**
- TOT. MIGRANTS INTERCEPTED: 1,855 (+85%)
- MIGRANTS RESCUED AT SEA (S.A.R.): 1,577 (67%)
- EU COSTAL DISTANCE AVERAGE: 4 MN (8 KM)
- MISSION DURATION: 5 MONTHS (MISSION SUSPENDED)
4. SAR and Migration flows: MEDCENT flows

Distance from places of departure of migrants:

- TUNISIA: 80 Nm
- PANTELLERIA: 40 Nm
- Lampedusa: 150 Nm
- MALTA: 225 Nm
- MRSC PALERMO: 50 Nm
- PORTO EMPEDOCLE: 50 Nm
- LIBYA: 225 Nm
- ZILTEN: 225 Nm
In 2015 IMRCC received about 8,000 emergency calls referring to 930 SAR events related to migration flows.

6,238 migrants rescued in April 2016 (up to 20th) (provisional data)

### SAR OPs COORDINATED BY IMRCC-Rome

<table>
<thead>
<tr>
<th>ASSETS BELONGING TO:</th>
<th>2014</th>
<th>2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITALIAN COAST GUARD (INCLUDING THOSE IN TRITON OPS)</td>
<td>SAR EVENTS: 243</td>
<td>RESCUED PERSONS: 38,047</td>
</tr>
<tr>
<td>IT NAVY</td>
<td>SAR EVENTS: 459</td>
<td>RESCUED PERSONS: 82,952</td>
</tr>
<tr>
<td>GdF (IT CUSTOM) (INCLUDING THOSE IN TRITON OP)</td>
<td>SAR EVENTS: 27</td>
<td>RESCUED PERSONS: 1,601</td>
</tr>
<tr>
<td>FRONTEX J.O. TRITON (EXCEPT IT UNITS)</td>
<td>SAR EVENTS: --</td>
<td>RESCUED PERSONS: --</td>
</tr>
<tr>
<td>MERCHANT SHIPS</td>
<td>SAR EVENTS: 254</td>
<td>RESCUED PERSONS: 42,061</td>
</tr>
<tr>
<td>FOREIGN NAVIES (INCLUDING EUNAVFOR MED)</td>
<td>SAR EVENTS: 12</td>
<td>RESCUED PERSONS: 1,683</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>982</strong></td>
<td><strong>166,370</strong></td>
</tr>
</tbody>
</table>

Number of SAR cases coordinated by IMRCC. To be considered that in the same event might be involved more assistant units of different entities and that in few cases the same event was previously managed by other RCC.
## SAR OPs COORDINATED BY IMRCC-Rome

<table>
<thead>
<tr>
<th>ASSETS BELONGING TO:</th>
<th>2015</th>
<th>2016*</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ITALIAN COAST GUARD</strong> (INCLUDING THOSE IN TRITON OPS)</td>
<td>56</td>
<td>63</td>
</tr>
<tr>
<td><strong>IT NAVY</strong></td>
<td>24</td>
<td>63</td>
</tr>
<tr>
<td><strong>GdF (IT CUSTOM)</strong> (INCLUDING THOSE IN TRITON OP)</td>
<td>15</td>
<td>2</td>
</tr>
<tr>
<td><strong>FRONTEX J.O. TRITON</strong> (EXCEPT IT UNITS)</td>
<td>9</td>
<td>15</td>
</tr>
<tr>
<td><strong>N.G.Os</strong> (MOAS – MSF – SEAWATCH – ETC.)</td>
<td>--</td>
<td>5</td>
</tr>
<tr>
<td><strong>MERCHAND SHIPS</strong></td>
<td>70</td>
<td>12</td>
</tr>
<tr>
<td><strong>FOREIGN NAVIES</strong> (INCLUDING EUNAVFOR MED)</td>
<td>--</td>
<td>30</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>169</strong>*</td>
<td><strong>188</strong>*</td>
</tr>
</tbody>
</table>

*Some boats have been rescued by units of the Italian Coast Guard together with other Military/Force of Police units.
5. SAR and Migration Statistics - The Merchant Shipping Support

**VESSELS INVOLVED:**

- **2014:** 882
- **2015:** 492 (44% decrease)

**MIGRANTS RESCUED (% TOT.):**

- **2014:** 42,000 (25.3%)
- **2015:** 21,500

**FIRST FLAG INVOLVED:**

- **2014:** Italy (170 units / 8,309 migrants rescued)
- **2015:** Italy (105 units / 5,054 migrants rescued)
5. SAR and Migration flows Statistics – MEDCENT flow nationalities

<table>
<thead>
<tr>
<th>Region</th>
<th>2014</th>
<th>2015</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nord Africa:</td>
<td>11.700</td>
<td>+53%</td>
<td></td>
</tr>
<tr>
<td>Africa Occidentale:</td>
<td>59.000</td>
<td>+6%</td>
<td></td>
</tr>
<tr>
<td>Africa Orientale:</td>
<td>40.600</td>
<td>+26%</td>
<td></td>
</tr>
<tr>
<td>Asia Occidentale:</td>
<td>49.000</td>
<td>-79%</td>
<td></td>
</tr>
<tr>
<td>Asia Meridionale:</td>
<td>9.000</td>
<td>-20%</td>
<td></td>
</tr>
</tbody>
</table>

- Increment primary due to Sudanese nationality: +25,000
- Increment primary due to Nigerian nationality: +6%
- Increment primary due to Ethiopian nationality: +26%
- Decrement primary due to Syrian nationality: -79%
- Decrement primary due to Pakistani nationality: -20%

(Data provided by Italian MoI)
6. S.A.R. operations and Law enforcement at sea – Operating Phases at Sea

1. S.A.R.
2. BOAT INSPECTION
3. MUSTERING (SHIP ZONING)
4. SECURITY CHECKS
5. HEALTH CARE
6. INVESTIGATION
6. SAR Ops and Law enforcement at sea - ITCG contribution to FRONTEX “J.O. Poseidon”
6. SAR Ops and Law enforcement at Sea - Phase 1: SAR and first summary security check

Ships SAR RHIB

Rescue Swimmer
6. SAR Ops and Law enforcement at Sea - Phase 3 and 4: ship zoning and Security check

metal detector

Already controlled

To be checked

photoprinting
6. SAR Ops and Law enforcement at Sea - Phase 5: Health Care and Vulnerable persons
6. SAR Ops and Law enforcement at Sea – Who is doing what

**SEARCH AND RESCUE**

**MINISTRY OF INFRASTRUCTURE AND TRANSPORT**

**CAPITANERIE DI PORTO – ITALIAN COAST GUARD (ITCG)**
Manages the **ITALIAN MARITIME COORDINATION CENTRE (IMRCC)**
NATIONAL AUTHORITY RESPONSIBLE FOR S.A.R. ORGANIZATION:

- SPECIALIZED S.A.R. UNITS
- MILITARY AND POLICE ASSETS
- MERCHANT SHIPS AND NGOs

**BORDER CONTROL**

**MINISTRY OF INTERIOR – PUBLIC SECURITY DPT (D.C.I.P.F.)**

- **GUARDIA DI FINANZA (CUSTOM)**
- **POLIZIA DI STATO (STATE POLICE)**
- **CARABINIERI (MILITARY AND STATE POLICE)**
- **CAPITANERIE DI PORTO – ITALIAN COAST GUARD (ITCG)**
- **ITALIAN NAVY**

**ON LAND ASSISTANCE - HOTSPOTS**

**MINISTRY OF INTERIOR - FREEDOM RIGHTS DEPT. - PREFETTURE (UTG)**

- INTERNAL SECURITY (QUESTURA - STATE POLICE – HARBOUR MASTERS
- MARITIME HEALTH AUTHORITY AND REGIONAL HEALTH AUTHORITIES
- MARITIME AUTHORITIES (CAPITANERIE DI PORTO / ITCG)
- CUSTOM
- NATIONAL AND LOCAL CIVIL PROTECT.
- RED CROSS AND
- OTHERS NGOs (MSF – CISOM – ETC.)
6. SAR Ops and Law enforcement at Sea - Phase 6: first investigation and reporting

Suspicious persons

Joint format report Frontex – ITCG

technical investigation
6. Law enforcement at Sea – 2015 and 2016 results of ITCG activity

2015 – 2016 (up to 22/03/16)

111 - 37 Suspect migrants smuggler arrested as results of investigation made by ITCG Units personnel.

132 - 22 Suspected migrants smuggler arrested as result of investigations conducted by Catania and Palermo Coast Guard regional Commands under coordination of the competent Judicial Authority (DDA)

10 - 12 Arrested belonging to criminal cell operating in Italy as result of investigation conducted by the Special Coast Guard Investigation Department (NIS) under coordination of competent Judicial Authority (DDA of Rome and Palermo).

5 of them already condemned. The head of a criminal cell - related to Eritrean illegal migration flow - condemned to 9 years and 4 month of imprisonment. The others condemned to: 6 years and 4 months; 6 years; 3 years and 6 months; 2 years. An other operation is presently in progress.
7. Conclusions – The Criminal business and the lack of legal ways for migration

Migrants smuggling: **2,500 - 6,000 €** for a single passage on a wooden boat/ship

**Plus:** 300€ «first» class (upper bridge) – 200€ one blanket – 100€ 2 bottles of water

**Plus:** 300€ «first» class (upper bridge) – 200€ one blanket – 100€ 2 bottles of water
7. Conclusions – The criminal business and the lack of legal ways for migration

**MIGRATION FLOW BY SEA: A BUSINESS FOR THE CRIMINAL NETWORK**

A rough estimate of the yearly turnover of migrant smuggling can be produced by multiplying the approximate number of irregular migrants reaching the EU, most of whom were facilitated, with the average cost of the facilitation services provided by migrant smuggling networks. Overall, the estimated criminal turnover associated with migrant smuggling to and within the EU is between **EUR 3 - 6 billion** for 2015 alone.  

*(Europol February 2016 Report)*
THANK YOU
FOR YOUR ATTENTION

ITALIAN COAST GUARD HEADQUARTERS - ROME