



# **ROMANIAN NAVAL AUTHORITY SEARCH AND RESCUE CO-OPERATION PLAN**

**BETWEEN SEARCH AND RESCUE SERVICES  
AND PASSENGER SHIPS**



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**ROMANIA - CONSTANȚA MRCC  
2010**



**PLAN FOR CO-OPERATION BETWEEN SEARCH AND RESCUE SERVICES  
AND PASSENGER SHIPS**



**PLAN FOR CO-OPERATION BETWEEN  
SEARCH AND RESCUE SERVICES AND  
PASSENGER SHIPS**

(According to the SOLAS Regulation V/7.3)

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### Introduction

The Maritime Safety Committee, at its seventy – fourth session (30 May to 8 June 2001), recalled that MSC 73, in adopting amendments to the 1974 SOLAS Convention, *inter alia*, revising chapter V, had also adopted regulation V/7.3, which requires all passenger ships to which SOLAS chapter I applies to have on board a plan for co-operation with appropriate search and rescue services in event of an emergency.

The text of regulation SOLAS V/7.3 is, as follows:

“Passenger ships, to which chapter I apply, shall have on board a plan for co-operation with appropriate search and rescue services in event of an emergency. The plan shall be developed in co-operation between the ship, the company, as defined in regulation IX/1 and the search and rescue services. The plan shall include provisions for periodic exercises to be undertaken to test its effectiveness. The plan shall be developed based on the guidelines developed by the Organization”

Subsequently The Committee at its seventy-seventh session approved MSC/Circ.1079 on guidelines for preparing plans for co-operation between Search and Rescue Services and passenger ships (in accordance with SOLAS regulation V/7.3), combining and revoking MSC/Circs.1000 and 1041.

The aim of SAR co-operation planning, developed in accordance with the guidelines mentioned above, is to enhance mutual understanding between a ship, a company and SAR services so that, in the event of an emergency, all three parties will be able to work together efficiently. This is best achieved by the prior exchange of information and by conducting joint emergency response exercises.

### Description of a plan for co-operation

A plan for co-operation will consist of six parts and the information given therein can be divided into the following area:

- company information,
- ships information,
- SAR (Search and Rescue) information,
- SAR facilities,
- media relations,
- periodic exercises.

The plan should be made up in accordance with guidelines approved by MSC/Circ.1079

### Corrections and updating

Corrections like new telephone numbers, change of persons, names etc., can be sent directly to the MRCC.

Change of the organization, new ships etc., shall however be approved by the administration.



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### CHAPTER I

#### 1. The Company

*To be prepared by the Company according to the guidelines*

.1 Name and Address:

.2 Contact List:

.2.1 24-Hour emergency initial and alternative contact arrangements:

.2.2 further communications arrangements (including direct tel./fax links to relevant personnel):

.3 Chart let (s) showing details of route (s) and service (s) together with boundaries of relevant search and rescue regions (SRRs)

.4 Liaison arrangements between the company and relevant RCC

.4.1 Provision of relevant incident information

.4.2 Provision of liaison officer(s)



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### CHAPTER II

#### 2. The Ship(s)

*To be prepared by the Company according to the guidelines*

##### .1 Ships Name

##### .1.1 Basic details of the ship

- MMSI
- Call Sign
- Country of Registry
- Type of ship
- Gross Tonnage
- Length Overall (in meters)
- Maximum permitted draught (in meters)
- Service speed
- Maximum number of persons allowed on board
- Number of crew normally carried
- Medical Facilities

##### .1.2 Communication equipment carried

##### .1.3 Simple plan of decks and profile of the ship, transmittable by electronic means, and including basic information on

- Life saving equipment
- Fire fighting equipment
- Plan of helicopter deck/winch area with approach sector
- Helicopter types for which helicopter deck is designed
- Means on board intended to be used to rescue people from the sea or from the other vessel(s)

And the picture of the ships color.

##### .2 [ship 2 – as for ship 1, etc.]



## CHAPTER III ROMANIAN SEARCH AND RESCUE ORGANIZATION

### 3.1 Search and Rescue Regions (SRR)

The Romanian Search and Rescue organization could perform SAR operation within the region delimited by the next latitudes and longitudes, from north to south:

|   | Lat.        | Lon.        |
|---|-------------|-------------|
| A | 45°13'00" N | 29°40'00" E |
| B | 45°09'00" N | 29°58'00" E |
| C | 44°30'00" N | 30°16'00" E |
| D | 44°15'00" N | 30°24'00" E |
| E | 43°41'00" N | 30°32'00" E |
| F | 43°44'00" N | 29°02'00" E |
| G | 43°40'00" N | 29°00'00" E |
| H | 43°45'00" N | 28°36'00" E |



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**3.2 SAR Mission Co-ordination (SMC)**

The MRCC function is provided by the Romanian Naval Authority.

The Constanta MRCC is the main search and rescue co-ordination center, collocated with VTS Center and Response for Oil Spill Center. The MRCC is permanently manned by two VTS duty officers, as minimum, one officer in charge with the co-ordination of the response for oil spill and one officer in charge with the SAR mission co-ordination (SMC). They are working 24 hours basis. Additional personal are always immediately available to support the MRCC team.

The responsibilities of SMC are in accordance with the International Aeronautical and Maritime Search and Rescue Manual (IAMSAR Manual), volume II.

The ARCC function is provided by the Romanian Air Traffic Services Administration – ROMATSA Constanta, under the Ministry of Transports. Aviation Search and Rescue Units are located in major airports and aerodromes along the Romanian Black Sea coast.

**3.3 On Scene co-ordination (OSC)**

Usually, On Scene Co-ordinators are especially - trained officers from the Constanta Salvage and Intervention Group, designated to co-ordinate SAR operations. On scene Co-ordinators are available on a 24-hour basis. Constanta MRCC will always use an OSC when passengers and merchant ships are involved.

In case of a major accident requiring total overview and need of a local co-ordination function, an experienced person-master mariner, from ROMANIAN NAVAL AUTHORITY, can be appointed as on scene coordinator on board of one of the SAR units.

In large operations involving many resources, an On Scene Coordinator (OSC) for the incident is appointed by the SMC.

**CHAPTER IV  
SAR FACILITIES**

**4. ROMÂNIA**

**4.1 MRCC CONSTANTZA** (Lat. 44°10' – 10'7 N/ Long. 028°39' – 31'4 E)

Responsible for the Romanian SRR in Black Sea.

Maritime Mobile Services Identity (MMSI) – 002640579

Call Sign – YQT

Emission :

Frequencies :

| TX          | RX          |
|-------------|-------------|
| 156.525 MHz | 156.525 MHz |
| VHF Ch. 70  | Class G2B   |
| 156.8 MHz   | 156.8 MHz   |
| VHF Ch.16   | Class G3B   |
| 156.375 MHz | 156.375 MHz |
| VHF Ch. 67  | Class G3B   |



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 + 40 241 618 299

E- mail: [mrcc@rna.ro](mailto:mrcc@rna.ro); [rna@rna.ro](mailto:rna@rna.ro)

Postal address: Romanian Naval Authority, Incinta Port Constanta, Poarta nr.1, 900900 Constanta, România

Hours of service (UTC): 00.00 - 24.00

**4.2 Communications**

Within the Romanian SAR a GMDSS A1 Area is established along the Romanian Coast.

GMDSS A2 Area is in force outside of VHF coverage.

The Romanian SAR Service use the same VHF /HF equipment as the Coast Radio Station **Constanta RADIO**.

The working channels on VHF are also used by the SAR Service when needed.

Coast Station Associated : **Constanta RADIO**

Call Sign: YQI

Maritime Mobile Service Identity (MMSI): 002640570

Emission:

| Freq. type | Equipment                    | Frequency | Class of emission | Location            | Lat. (N) | Long. (E) |      | Range (NM) | Hours of transmission                          |
|------------|------------------------------|-----------|-------------------|---------------------|----------|-----------|------|------------|--|
|            | MMSI                         | (KHz)     |                   |                     |          |           |      |            |  |
| MF         |                              | 446,5     | A1A               | AGIGEA              | 44 06 03 | 028 37 09 | Main | 100        |  |
|            |                              | 500       | A1A               | AGIGEA              | 44 06 03 | 028 37 09 | Main | 100        |  |
|            | NAVTEX National Service      | 490       | F1B               | AGIGEA              | 44 06 03 | 028 37 09 | B1 L | 400        | 0150;0550;0950;1350;1750;2150 Romanian/English |
|            | NAVTEX International Service | 518       | F1B               | Through VARNA RADIO | 43 07 00 | 027 46 00 | B1 J | 350        | 0130;0530;0930;1330;1730;2130 English          |
| HF         | DSC (A2) 002640570           | 2182      | J3E               | AGIGEA              | 44 12 00 | 028 40 00 | Main | 400        |  |
|            |                              | 2187,5    | F1B               | AGIGEA              | 44 12 00 | 028 40 00 | Main | 400        |  |
|            | DSC (A3) 002640570           | 4207,5    | F1B               | AGIGEA              | 44 06 18 | 028 37 49 | Main | 1000       | Receiving frequency                            |
|            |                              | 8414,5    | F1B               | AGIGEA              | 44 06 18 | 028 37 49 | Main | 1000       | Receiving frequency                            |
|            |                              | 12577     | F1B               | AGIGEA              | 44 06 18 | 028 37 49 | Main | 1000       | Receiving frequency                            |
| VHF        | DSC Ch70 002640570           | 156,525M  | G2B               | AGIGEA              | 44 06 18 | 028 37 49 | Main | 25         |  |
|            |                              | 156,525M  | G2B               | ENISALA             | 44 51 15 | 028 52 00 | Main | 44         |  |
|            |                              | 156,525M  | G2B               | SFINTU GHEORGHE     | 44 53 57 | 029 36 11 | Main | 24         |  |
|            |                              | 156,525M  | G2B               | MAHMUDIA            | 45 05 17 | 029 04 21 | Main | 43         |  |
|            |                              | 156,525M  | G2B               | TUZLA               | 43 59 27 | 028 40 00 | Main | 27         |  |
|            |                              | 156,525M  | G2B               | SULINA              | 45 08 53 | 029 45 33 | Main | 23         |  |
|            | Ch16                         | 156.800M  | G3E               | AGIGEA              | 44 06 18 | 028 37 49 | Main | 25         |  |
|            |                              | 156.800M  | G3E               | ENISALA             | 44 51 15 | 028 52 00 | Main | 44         |  |
|            |                              | 156.800M  | G3E               | SFINTU GHEORGHE     | 44 53 57 | 029 36 11 | Main | 24         |  |



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|  |          |     |          |          |           |      |    |  |
|--|----------|-----|----------|----------|-----------|------|----|--|
|  | 156.800M | G3E | MAHMUDIA | 45 05 17 | 029 04 21 | Main | 43 |  |
|  | 156.800M | G3E | TUZLA    | 43 59 27 | 028 40 00 | Main | 27 |  |
|  | 156.800M | G3E | SULINA   | 45 08 53 | 029 45 33 | Main | 23 |  |
|  | 156,800M | G3E | CUMPANA  | 44 11 01 | 028 32 12 | Main | 19 |  |

INMARSAT C

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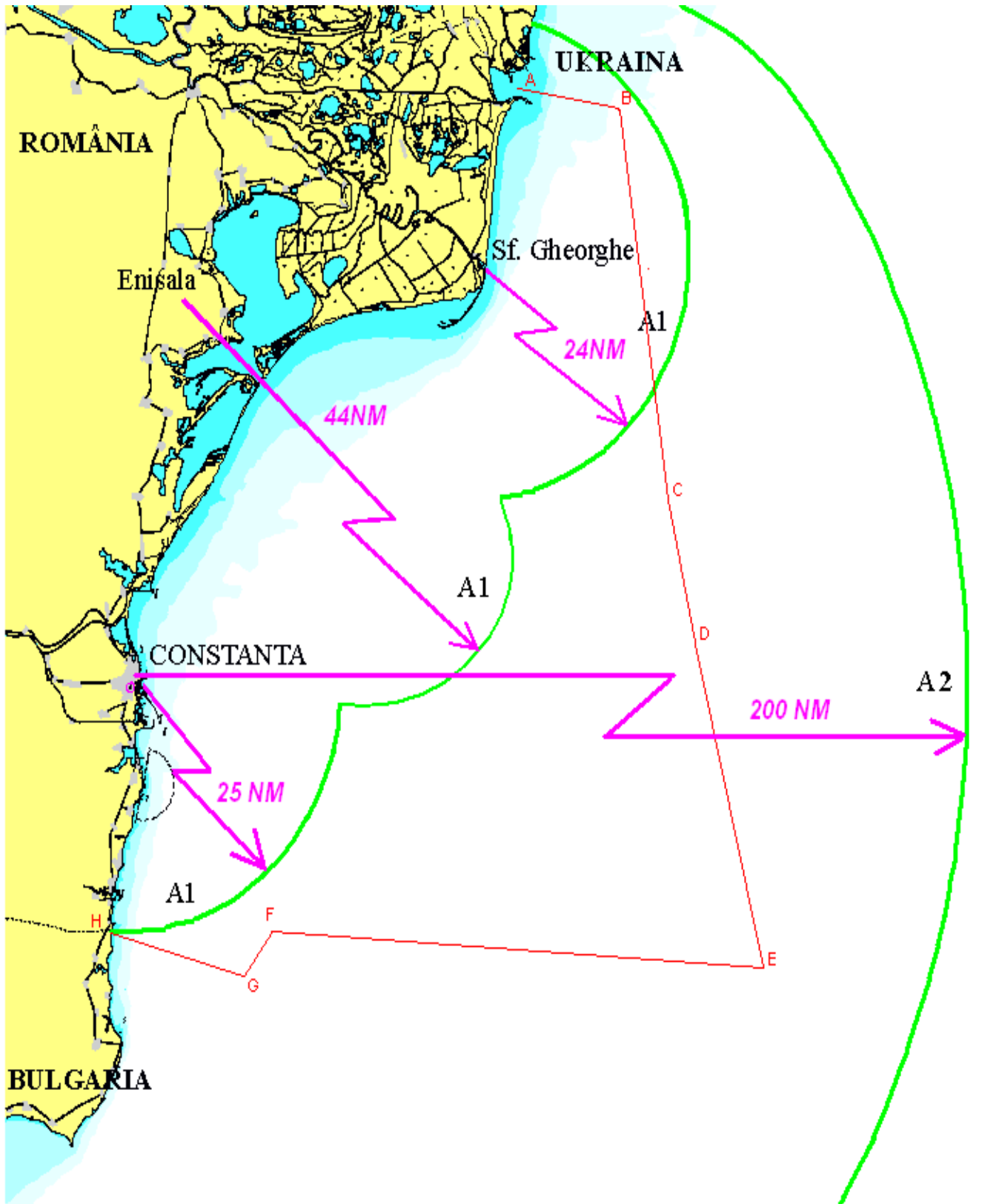
Postal address: CNRN RADIONAV SA, Incinta Port Constanta; PO Box 1154: 900900 Constanta

ROMANIA

Hours of service: H24



### DIGITAL SELECTIVE CALLING (DSC) LIMITS OF ROMANIAN SEA AREAS





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### 4.3 Declared SAR units.

|               | Fast rescue boats and vessels | Other vessels | Heavy/light helicopters | Long range aircraft | Fire fighting facilities |
|---------------|-------------------------------|---------------|-------------------------|---------------------|--------------------------|
| ARSVOM        | 6 ; 24H*                      | 2; 24H        |                         |                     | 2                        |
| COREMAR       |                               | 10            |                         |                     |                          |
| PETROMAR      |                               | 3             | 1 light**               |                     |                          |
| Police Border | 4*                            | 6             | 3**                     |                     | 2                        |
| MApN          |                               | 2             |                         |                     | 1                        |
| SHARK         |                               | 1             |                         |                     |                          |

\*) Duty boats/vessels with crew in about 15 minutes readiness

\*\*) SAR helicopters based at Tuzla airfield have 15 minutes readiness during office hours, otherwise 1 hour.

### 4.4 Communication plan

During the ALERT – phase, radio communication shall be maintained on VHF channel 16 or MF 2182 kHz by the vessel/ person in distress, the MRCC and the OSC, if the MRCC do not decide otherwise.

Communication by OSC and Rescue units will normally be carried out on VHF simplex channel.

### 4.5 Search planning

MRCC will provide OSC and SAR units, search area and search patterns.

SAR units and other vessels shall be provided by the MRCC including all scene information regarding weather, sea current, visibility, sea state, water temperature and other pertinent information.

### 4.6 Medical advice/assistance

Medical advices is handled by MRCC, either through direct contact, or via Radio Coast Station – RADIONAV CONSTANTA.

Assistance/evacuation can be carried out by helicopters or surface units depending on circumstances. A medical team or doctor will normally be included.

### 4.7 Fire-fighting, chemical hazards

For life saving purpose, fire-fighting assistance can be requested from the MRCC.

Special trained fire/chemical teams are based at Constanta Port Administration.

Fire-fighting teams will be transported to the scene by surface or helicopter units depending of the situation. The teams will co-operate with and support the assisted vessels own fire-fighting team.

For a successful operation, early and urgent information about fire on board must be given and also a request for fire-fighting teams must be given to the MRCC as soon as possible.



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### 4.8 Shore reception arrangements

In case of evacuation, the MRCC will alert the shore based rescue dedicated organizations. The shore dedicated organization will take care for registration, prioritizing, medical care, accommodation and transportation.

In Constanta port, the SAR – services and shore organizations have already made up the plans in co-operation with passenger ship companies for this purpose and they have prepared shore reception arrangements.

### 4.9 Informing next-of-kin

The Romanian Police Border is responsible for informing next-of-kin.

### 4.10 Suspension / termination of SAR action

The decision to terminate any SAR action is in charge of SMC, when there is no longer any reasonable hope of rescuing survivors.

A SAR action may also be temporarily suspended by the SMC, for example when: bad weather will place rescue staff at undue risk or under darkness when no night detection aids are available.

## CHAPTER V RELATIONS WITH MEDIA

### 5. Media relations

The public are entitled to have correct information about SAR and other activities within the responsibilities of MRCC. For this purpose MRCC have a well developed network of media contacts and will issue press statements and press-releases containing relevant SAR information regarding rescue operations.

## CHAPTER VI PERIODIC EXERCISES

### 6.1 Plans for exercises

Plans for exercises shall be developed in co-operation between the MRCC and the company with the maritime traffic area concerned. The MRCC and the company shall as far as possible be assimilated with other types of exercises.

Exercises shall also be planned by the company in co-operation with the SAR-services along the ships route.

### 6.2 Types of exercises.

Exercises can preferably be of the following types:

- a. Communication exercises
- b. Joint table top exercises
- c. Live exercises