RUSSIA

1. REGULATIONS

1.1 General
Nil.

1.2 EPIRBs

1.2.1 Coding, Registration and Maintenance


Document No. CTO MCC.02-2009 is applied to all kinds of 406 MHz Cospas-Sarsat radio beacons, i.e., EPIRBs, ELTs and PLBs.

CTO MCC.02-2009 establishes mandatory registration of 406 MHz Cospas-Sarsat radio beacons at the Russian national beacon registration database and defines, in particular, requirements on radio beacons registration and re-registration, procedures for registration, points of contact and other registration details.

Annex 1 to CTO MCC.02-2009 includes beacon registration forms.

Annex 2 to CTO MCC.02-2009 consists of instructions how to fill-in registration forms.

Annex 3 to CTO MCC.02-2009 includes samples of confirmation on registration of emergency radio beacon in the Russian national registration database.

Annex 4 to CTO MCC.02-2009 consists of countries list which have made a request to register their emergency radio beacons in Russian national registration database.

CTO MCC.02-2009 refers to the following Cospas-Sarsat System documents: C/S T.001, C/S T.007 and C/S G.005 for 406 MHz Cospas-Sarsat radio beacons coding.

Serial numbers for 406 MHz Cospas-Sarsat beacons are allocated to customers by the Federal State Unitary Enterprise “Morsviazsputnik” upon requests to be forwarded to the Cospas Mission Centre (CMC) which is a department of “Morsviazsputnik”.

It is mandatory for the Russian flag ships to keep onboard a confirmation of EPIRB registration issued by the CMC.

Installation of EPIRBs onboard ships flying the flag of the Russian Federation is regulated by the Russian Maritime Register of Shipping (RS) in their document “Rules for the Equipment of Seagoing Ships”.
Annual testing and shore-based maintenance is regulated by “Provision on Annual Testing and Shore-based Maintenance of Maritime Emergency Positioning Indicating Radio Beacons (EPIRBs) of the International Cospas-Sarsat System” (CTO 318.6.23-2006) which was approved by the Federal Agency on Maritime and River Transport, came into force on 10 April 2006.

1.2.2  EPIRB Type Approval

406 MHz EPIRBs subject to installation on ships flying the flag of the Russian Federation, shall be of type approved by the Federal Agency of Maritime and River Transport (Rosmorrechflot) acting on behalf of the Maritime Administration of the Russian Federation, as well as by the Russian Maritime Register of Shipping (RS). Information on approved EPIRBs is available on the “Morsviazspatnut” website www.marsat.ru (https://www.marsat.ru/certificates/560) and RS website www.rs-head.spb.ru (https://lk.rs-class.org/regbook/industry) accordingly.

Applications for EPIRB type approval are to be sent both to "Morsviazspatnut" and RS.

1.3  ELTs

1.3.1  Coding, Registration and Maintenance


Document No. CTO MCC.02-2009 is applied to all kinds of 406 MHz Cospas-Sarsat radio beacons, i.e., EPIRBs, ELTs and PLBs.

CTO MCC.02-2009 establishes mandatory registration of 406 MHz Cospas-Sarsat radio beacons at the Russian national registration database and defines, in particular, requirements on radio beacons registration, procedures for registration, points of contact and other registration details (see also relevant information about CTO MCC.02-2009 in section RUS.1.1.1).

CTO MCC.02-2009 refers to the following Cospas-Sarsat System documents: C/S T.001, C/S T.007 and C/S G.005 for 406 MHz Cospas-Sarsat radio beacons coding.

Serial numbers for Cospas-Sarsat 406 MHz beacons are allocated to customers by the Federal State Unitary Enterprise “Morsviazspatnut” upon requests to be forwarded to the Cospas Mission Centre (CMC) which is a department of “Morsviazspatnut”.

It is mandatory for Russian flag aircraft to keep onboard a confirmation of ELT registration issued by the CMC.
1.3.2 ELT Type Approval

406 MHz ELTs subject to installation on aircraft, flying the flag of the Russian Federation, shall be of type approved by the Aviation Register of Interstate Aviation Committee.

1.4 PLBs

1.4.1 National Beacon Regulations for Serial-Coded PLBs

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Russia</td>
<td>N</td>
<td>R</td>
<td>R</td>
<td></td>
</tr>
</tbody>
</table>

According to the national regulation the PLB could be installed on the vessel or aircraft. In these cases, PLB is coded accordingly as EPIRB with the maritime protocols or as ELT with the aviation protocols.

Similar information is available in the new table on the Cospas-Sarsat website (www.cospas-sarsat.int) with the status indication in colors (Y = green, allows / N = red, not allowed / Restrictions = amber (see comments) and with the note that the national beacon regulations can be found on the Cospas-Sarsat website in document C/S S.007).

2. BEACONS CODING METHODS

Refer to the following Cospas-Sarsat System documents: C/S T.001, C/S T.007 and C/S G.005.

2.1 EPIRB Coding Methods

<table>
<thead>
<tr>
<th>Country Code</th>
<th>USER PROTOCOLS</th>
<th>LOCATION PROTOCOLS</th>
<th>RLS (Return Link Service)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Maritime User</td>
<td>Serial User</td>
<td>Radio Call Sign</td>
</tr>
<tr>
<td></td>
<td>MMSI</td>
<td>Radio Call Sign</td>
<td>TAC &amp; S/N</td>
</tr>
<tr>
<td>273</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
</tbody>
</table>

2.2 ELT Coding Methods

<table>
<thead>
<tr>
<th>Country Code</th>
<th>USER PROTOCOLS</th>
<th>LOCATION PROTOCOLS</th>
<th>RLS (Return Link Service)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Serial User</td>
<td>Aviation User</td>
<td>User Location</td>
</tr>
<tr>
<td></td>
<td>Aircraft Operator Designator and Serial Number</td>
<td>Aircraft 24-bit Address</td>
<td>Aircraft Nationality and Registration Marking</td>
</tr>
<tr>
<td>273</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
</tbody>
</table>
2.3 PLB Coding Methods*

<table>
<thead>
<tr>
<th>Country Code</th>
<th>USER PROTOCOLS</th>
<th>LOCATION PROTOCOLS</th>
<th>RLS (Return Link Service)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Serial User Location</td>
<td>Standard Location National Location</td>
<td>RLS Number</td>
</tr>
<tr>
<td>TAC &amp; Serial Number</td>
<td>TAC &amp; Serial Number</td>
<td>Serial Number Assigned by Competent Administration</td>
<td>National RLS Number</td>
</tr>
<tr>
<td>273</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
</tbody>
</table>

* Please follow the coding and usage rules given in the table 1.4.1 « National Beacon Regulations for Serial-Coded PLBs ».

3. LIST OF BEACON MODELS TYPE APPROVED BY ADMINISTRATION

Please contact the Administration.

4. BEACON TESTING REGULATION

Not available.

5. POINT OF CONTACT FOR BEACON MATTERS (CODING, REGISTRATION AND TYPE APPROVAL)

The points of contact for beacon matters are:

- Type approval and issue of serial numbers: Morsviazsputnik,
- Registration: Cospas Mission Centre (CMC).

Updated point of contact details for administrations are available at: [https://www.cospas-sarsat.int/en/contacts-pro/contacts-details-all](https://www.cospas-sarsat.int/en/contacts-pro/contacts-details-all).

6. BEACON REGISTRATION

6.1 Regulation

Registration of 406 MHz EPIRBs, ELTs and PLBs is mandatory at the national database.

The CMC provides registration of all 406 MHz Cospas-Sarsat beacons and maintains the database.


6.2 Forms

Online beacon registration forms (EPIRBs, ELTs, PLBs) are available at: [http://www.marsat.ru/activities/cospas/cospas-registration/](http://www.marsat.ru/activities/cospas/cospas-registration/).

- END OF SECTION -