

CROATIA**1. REGULATIONS****1.1 General**

- ELT: Emergency Locator Transmitter
- EPIRB: Emergency Position Indicating Radio-Beacon
- LADR: Location of an Aircraft in Distress Repository
- MMSI: Maritime Mobile Service Identity
- PLB: Personal Locator Beacon
- RLS: Return Link Service
- S/N: Serial Number of the device
- SSAS: Ship Security Alert System
- TAC : Cospas-Sarsat Type-Approval Certificate number.

1.2 EPIRBs

For ships, the obligation to carry EPIRBs is prescribed in line with the Croatian Maritime Code as required by 1974 International Convention on Safety of Life at Sea (SOLAS).

1.3 ELTs

For Commercial air transport by aeroplane and helicopter, the obligation to carry ELTs is prescribed in European Union Regulation 965/2012.

For other types of operations, the obligation is prescribed in national regulation which is in line with EU Regulation 965/2012.

1.4 PLBs

Use of PLBs is allowed in Croatia. However, PLBs are not to replace ELTs or EPIRBs on aircrafts or vessels.

1.4.1 National Beacon Regulations for Serial-Coded PLBs

Administration	For Terrestrial Applications	In Maritime Environment	On Aircraft	Comments
	Country Recognises PLB Activations	Country Recognises PLB Activations	Country Recognises PLB Activations	
Croatia	Y	Y	Y	Nil

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

2.1 EPIRB Coding Methods

Country Code	USER PROTOCOLS			LOCATION PROTOCOLS								RLS (Return Link Service)	
	Maritime User		Serial User	Radio Call Sign	User Location			Standard Location		National Location	RLS (Return Link Service)		
	MMSI	Radio Call Sign	TAC & S/N	Radio Call Sign	MMSI	TAC & S/N	Radio Call Sign	MMSI	TAC & S/N	S/N Assigned by Competent Administration	National RLS Number	TAC & S/N	RLS MMSI
238	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y

WARNING:

Note for maritime protocols that use the Maritime Mobile Service Identity (MMSI) as the vessel identifier: As a result of recent developments, the International Cospas-Sarsat Programme has become aware of maritime Emergency Position-Indicating Radio Beacons (EPIRBs) being coded pursuant to Recommendation ITU-R M.585 using as the beacon “country code” the form “98M”, where “M” is the first digit of an MID (Maritime Identification Digits) assigned to an Administration, or using the form “974”. No 406-MHz EPIRB should be coded in these ways. A distress message from a beacon so coded will be processed on receipt by Cospas-Sarsat as “invalid” and either discarded or subjected to exception handling. The “country code” of all 406-MHz beacons must be a valid MID assigned by the International Telecommunication Union (ITU) to an Administration, in the numerical range from 200 to 780. No exceptions.

2.2 ELT Coding Methods

Country Code	USER PROTOCOLS				LOCATION PROTOCOLS								National Location	RLS (Return Link Service)	
	Serial User		Aviation User		User Location				Standard Location						
	TAC & S/N	Aircraft Operator Designator and Serial Number	Aircraft 24-bit Address	Aircraft Nationality and Registration Marking	TAC & S/N	Aircraft Operator Designator and Serial Number	Aircraft 24-bit Address	Aircraft Nationality and Registration Marking	TAC & S/N	Aircraft Operator Designator and Serial Number	Aircraft 24-bit Address				
238	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	

Country Code(s)	LOCATION PROTOCOLS		
	ELT(DT) Location		
	TAC & Serial Number ¹	Aircraft Operator Designator and Serial Number ¹	Aircraft 24-bit Address ²
	238	N	Y

Notes: (1) This protocol does not provide an ‘Aircraft Identification’ as required by ICAO for populating the LADR.

(2) This protocol provides an ‘Aircraft Identification’, and an ‘Aircraft Operator Identity’ only when the Aircraft Operator Designator (3LD) is included in the rotating PDF-2 field, as required by ICAO for populating the LADR

2.3 PLB Coding Methods

Country Code	USER PROTOCOLS	LOCATION PROTOCOLS					
		User Location	Standard Location	National Location	RLS (Return Link Service)		
	TAC & S/N	TAC & S/N		S/N Assigned by Competent Administration	National RLS Number	TAC & S/N	RLS MMSI
238	Y	Y		N	N	Y	N

2.4 Return Link Service (RLS) Protocols

On 17 February 2020, Croatia notified the Cospas-Sarsat Programme of the implementation of proactive handling of RLS-protocol distress alert messages, and authorization for return-link-service-capable beacons to be coded with its national country codes.

3. LIST OF BEACON MODELS TYPE APPROVED BY ADMINISTRATION

Not available.

4. BEACON TESTING REGULATION

Cospas-Sarsat distress beacons should only be activated when a ship, aircraft or person is in grave and imminent danger and requiring immediate assistance.

The beacon can be tested by the owner using the self-test capability to ensure the continued functionality of the beacon.

Testing of distress beacons in operational mode must be controlled and performed only when absolutely necessary as this impact the Cospas-Sarsat System and Rescue Coordination Centres (RCCs).

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

The point of contact for beacon matters is:

- Registration for SSASs, EPIRBs and PLBs: MRCC Rijeka,
- Registration for ELTs: Croatian Civil Aviation Agency,
- Coding and Type Approval: Croatian Regulatory Authority for Network Industries (HAKOM).

Updated point of contact details for administrations are available at:
<https://www.cospas-sarsat.int/en/contacts-pro/contacts-details-all>.

6. BEACON REGISTRATION

6.1 Regulation

Registration of EPIRBs and ELTs is mandatory in line with IMO and ICAO requirements respectively.

The Croatian Ministry of the Sea, Transport and Infrastructure is responsible for registration of SSAs and EPIRBs associated with ships and PLBs.

The Croatian Civil Aviation Agency is responsible for registration of ELTs associated with aeroplanes and helicopters.

6.2 Forms

There are 3 different registration cards, one for each type of beacon, which are downloadable from the web sites:

Registration forms for registration of EPIRBs associated with ships and PLBs are available at official web site of the Ministry of the Sea, Transport and Infrastructure: <https://mmpi.gov.hr/more-86/sluzbeni-obrasci-111/111>

Registration form for ELTs associated with aeroplanes and helicopters is available at Croatian Civil Aviation Agency web site: <https://www.ccaa.hr/en/forms-91421>.

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