SAN MARINO

1. REGULATIONS

- 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,
- TAC : Cospas-Sarsat Type-Approval Certificate number,

1.1 General

Not Available

1.2 EPIRBs

Not available

1.3 ELTs

The requirements are applicable to all aircraft registered in San Marino having an ELT.

1.4 PLBs

The requirements are on CAR OPS 2A for General Aviation.

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	
San Marino	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 / **R**estrictions = 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(s)	USER PROTOCOLS				LOCATION PROTOCOLS								
	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	Serial Number Assigned by Competent Administration	National RLS Number	TAC & S/N	RLS MMSI
268	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y

2.2 ELT Coding Methods

Country Code(s)	USER PROTOCOLS				LOCATION PROTOCOLS									
	Serial User			Aviation User	User Location				Standard Location			National Location	RLS (Return Link Service)	
	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	S/N Assigned by Competent Administration	National RLS Number	TAC & S/N
268	Y	N	Y	Y	Y	N	Y	Y	Y	N	Y	N	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]
268	N	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(s)	USER PROTOCOLS	LOCATION PROTOCOLS					
	Serial User	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
268	Y	Y		N	N	Y	Y

2.4 Return Link Service (RLS) Protocols

The Cospas-Sarsat Council declared effective 26 March 2021 the Return Link Service (RLS) at Full Operational Capability (FOC) within Cospas-Sarsat.
In March 2022, the Cospas-Sarsat Council decided to approve the operational use of RLS FGBs coded with MMSI. More information on RLS-enable beacons is available at https://cospas-sarsat.int/en/beaconownership/rls-enabled-beacon-purchase.

3. LIST OF BEACON MODELS TYPE APPROVED BY ADMINISTRATION

Not available.

4. BEACON TESTING REGULATION

Testing of distress beacons in operational mode must be controlled and performed only for maintenance purposes as this impact the Cospas-Sarsat System.

The testing shall be performed according to the OEM approved AMM. In case the AMM doesn't require to inform the nearest ATC/Control Tower, it shall be coordinated with ITMCC/Rescue Coordination Centre (RCC Italy).

Email: itmcc247@cospas-sarsat-italy.it
Phone: +39 080 5341571

The following information shall be sent to ITMCC in order for them to generate and distribute the related narrative SIT 605 message, as shown below:

SIT 605 < MESSAGE>

DATE: DD MM YY
FM: MCC SUPPORTING THE 406 MHz TEST
TO: ALL MCCs
SUBJ: BEACON TEST

A. TEST OBJECTIVE:
B. TEST DESCRIPTION:
C. LOCATION OF TEST: DD MM.MMM [N/S] DDD MM.MMM [E/W]
D. DATE, TIME AND DURATION OF TEST:
E. BEACON IDS AND TRANSMISSION TYPE: 15 OR 23 HEXADECIMAL CHARACTERS TRANSMISSION TYPE IS SELF-TEST, AS APPLICABLE.
F. SPECIAL DATA COLLECTION AND PROCESSING REQUIREMENTS:
G. POINT OF CONTACT
NAME:
LOCATION:
TELEPHONE NO:
AFTN NO:
TELEX NO:
FACSIMILE NO:

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

The point of contact for beacon matters (EPIRBs, ELTs and PLBs) is:

- San Marino Civil Aviation and Maritime Navigation Homologation Authority

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

Since January 2023, San Marino beacons are hosted in the International Beacon Registration Database (IBRD) maintained by the Cospas-Sarsat Secretariat. The beacons are recorded by San Marino Civil Aviation and Maritime Navigation Homologation Authority as the San Marino National Data Provider (NDP).

6.2 Forms

For ELTs and PLBs initial registrations and updates the Form SM 09 is available on www.caa-mna.sm and it must be transmitted to operations@caa-mna.sm.

For EPIRBs initial registrations and updates : http://www.smsr.sm/wp-content/uploads/2022/12/221109-SMPL-2022-TEC-012_.pdf and it must be transmitted to flagstate@smsr.sm

- END OF SECTION -