

## SINGAPORE

### 1. REGULATIONS

#### 1.1 General

Nil.

#### 1.2 EPIRBs

All vessels of 300 GRT and above are required to install 406 MHz or 1.6 GHz EPIRBs, from 1 August 1993, in accordance with the 1988 amendments to the 1974 SOLAS Convention. Regulations for the mandatory registration of 406 MHz EPIRBs have been established.

#### 1.3 ELTs

The coverage of 406 MHz ELTs is mandatory on all Singapore registered aircraft. As of 1 February 2009, 121.5 MHz will be used for the homing of SAR aircraft.

#### 1.4 PLBs

##### 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	
Singapore	Y	Y	N	Nil

*Similar information is available in the new table on the Cospas-Sarsat website ([www.cospas-sarsat.int](http://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

- ELT: Emergency Locator Transmitter
- EPIRB: Emergency Position Indicating Radio-Beacon,
- 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,
- Y: Administration allows beacons to be coded with this protocol for this(these) country code(s),
- N: Administration does not allow beacons to be coded with this protocol for this(these) country code(s),

- [Y/N]: Administration has not made available information to whether or not it allows beacons to be coded with this protocol for this(these) country code(s). See sections 1.1 and 1.2 of the main part of document C/S S.007 for further guidance.

## 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	
563	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	
564														
565														
566														

## 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 S/Nr	Aircraft 24-bit Address	Aircraft Nationality and Registration Marking	TAC & S/N	Aircraft Operator Designator and S/N	Aircraft 24-bit Address	Aircraft Nationality and Registration Marking	TAC & S/N	Aircraft Operator Designator and S/N	Aircraft 24-bit Address	S/N Assigned by Competent Administration	National RLS Number	TAC & S/N
563	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
564														
565														
566														

## 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		
563				Y	Y	Y	N	Y	Y	Y	
564											
565											
566											

## 2.4 Return Link Service (RLS) Protocols

On 7 December 2020 Singapore 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

Per document C/S T.001 section A.3.3.7 “RLS Location Protocol”, “The RLS-MMSI protocol option is not approved for use in beacons prior to future approval by the [Cospas-Sarsat] Council”.

**3. LIST OF BEACON MODELS TYPE APPROVED BY ADMINISTRATION**

Not available.

**4. BEACON TESTING REGULATION**

Not available.

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

The point of contact for beacon matters is:

- EPIRBs (registration): Port Operation Control Centre / Maritime and Port Authority of Singapore,
- ELTs (registration): Singapore Rescue Coordination Centre,
- PLBs (registration): Singapore Rescue Coordination Centre (by default).

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**

Only the Singapore national beacon database supports EPIRBs, ELTs and PLBs, as they don't use the IBRD anymore.

**6.2 Forms**

Online beacon registration forms (appropriate website address) are not available.

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