

## **CHILE**

### **1. REGULATIONS**

#### **1.1 General**

Nil.

#### **1.2 EPIRBs**

From 1993, General Directorate of Maritime Territory and Merchant Marine (Dirección General de Territorio Marítimo y Marina Mercante) has done mandatory the carriage of 406 MHz beacon for all ships under SOLAS Convention.

#### **1.3 ELTs**

Document DAN 08-09 regulates the use of ELTs in Chile and is available online at: [www.dgac.cl](http://www.dgac.cl).

According to the Chilean Aeronautical Authority since 2005 it was a mandatory carriage of a 406 MHz emergency beacon for all Chilean aircraft with more than 19 seats and since 1 January 2009 the carriage of this kind of beacon is an obligation for all Chilean aircraft.

According to DAR 06, from 1 January 2007, all aircraft weighing more than 5,700 kg, which are involved in commercial air transport, must have an automatic ELT that meets the requirements and is has to be capable of transmitting on 406 MHz and 121.5 MHz.

All aircraft weighing less than 5,700 kg, or up to 19 passenger seats and performing business operations of commercial air transport and aerial work, must have an ELT according to local regulations.

All aircraft flying on water for more of 30 minutes or a distance greater than 100 nautical miles offshore, must have an approved emergency locator transmitter, survival rate, ELT(s), waterproof, float by itself, be able of transmit in emergency frequency 406 / 121.5 MHz, and that not dependent of the electrical system of the aircraft.

From 1 February 2009, the Chilean aircraft may not perform international flight, if they are not equipped with an ELT operating in the frequencies 406 / 121.5 MHz.

Privates and no commercial aircraft must consider that the 100% of its fleet must have equipped with the equipment ELT 406 / 121.5 MHz from the 1 February 2012.

The operator shall be responsible of the prompt and correct coding of the ELT in accordance to relevant information provided by the General Directorate of Civil Aviation (Dirección General de Aeronáutica Civil, DGAC).

## 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	
Chile	Y	Y	Y	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

### 2.1 EPIRB Coding Methods

Country Code	USER PROTOCOLS				LOCATION PROTOCOLS						
	Maritime User		Serial User		User Location			Standard Location		National Location	RLS (Return Link Service)
	MMSI	Radio Call Sign	EPIRB with Serial Number	Radio Call Sign	MMSI	EPIRB with Serial Number	Radio Call Sign	MMSI	EPIRB with Serial Number	Serial Number Assigned by Competent Administration	EPIRB with Serial Number
725	Y	N	N	N	Y	N	N	Y	N	N	Y

### 2.2 ELT Coding Methods

Country Code	USER PROTOCOLS				LOCATION PROTOCOLS								
	Serial User			Aviation User	User Location				Standard Location			National Location	RLS (Return Link Service)
	ELT with Serial Number	Aircraft Operator Designator and Serial Number	Aircraft 24-bit Address	Aircraft Nationality and Registration Marking	ELT with Serial Number	Aircraft Operator Designator and Serial Number	Aircraft 24-bit Address	Aircraft Nationality and Registration Marking	ELT with Serial Number	Aircraft Operator Designator and Serial Number	Aircraft 24-bit Address	Serial Number Assigned by Competent Administration	ELT with Serial Number
725	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

### 2.3 PLB Coding Methods

Country Code	USER PROTOCOLS		LOCATION PROTOCOLS			
	Serial User		User Location	Standard Location	National Location	RLS (Return Link Service)
	PLB with Serial Number		PLB with Serial Number		Serial Number Assigned by Competent Administration	PLB with Serial Number
725	Y		Y		N	Y

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

Beacon Manufacturer	Beacon Model	C/S Type Approval Certificate Number	Chilean Type Approval Certificate Number	Comments (Manufacturer Model if Different)
ACR	RLB-23	17	12600/07/93	
	RLB-24	18	12600/07/93	
	RLB-27	83	12600/19/95	
	RLB-28	84	12600/19/95	
CEIS TM	MO56	79	12600/11/94	
Jotron	Tron 30 S mkII	66	12600/02/92	
JRC	JQE-2A	30	12600/05/93	
	JQE-3A	80	12600/17/95	
Litton *	948	19	12600/06/93	
	952-01	73	5815/03/96	
Lokata	406 H	12	5800/76/89	
	406 MH(Y)	63	5800/76/89	
	406 M(Y)	26	5800/76/89	
McMurdo	Locat LDT 61	53	12600/03/92	
MPR **	SATFIND-406 <sub>TM</sub> Survival EPIRB	78	12600/10/94	SATFIND-406 (S-1015) - Float-free SATFIND-406 (S-1010) - Non float-free SATFIND-406 M4
	SATFIND-406 <sub>TM</sub> Survival EPIRB	78	12600/18/95	
	SATFIND-406 <sub>TM</sub> M	43	12600/01/92	
Nova Marine	RT 260M	70	12600/08/93	Newcom NC-270
SERPE-IESM	Kannad 406 S	13	12600/04/92	
	Kannad 406 FH	35	12600/04/92	
	Kannad 406 PH	35	12600/04/92	
	Kannad 406 P	14	12600/04/92	
	Kannad 406 F	14	12600/04/92	

Notes: \* On January 31, 1996 Litton Special Devices sold the design and production rights for EPIRB Models 948 and 952 to Guest Company, Inc. (USA).

\*\* On 3 July 1996, Northern Airborne Technology Ltd. purchased the designs from MPR Teltech and production from Alden Electronics for SATFIND-406<sub>TM</sub> Pocket PLB (Certificate No.71) and SATFIND-406<sub>TM</sub> Survival EPIRB (Certificate No.78).

### 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 (coding and registration) are:

- EPIRBs: Direccion General del Territorio Maritimo y de Marina Mercante / DGTM y MM.
- ELTs: Direccion General de Aeronautica Civil DGAC (DPA-DA)

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**

There are databases for EPIRBs and ELTs.

The EPIRB registration database is maintained by the Chilean General Directorate for Maritime Territories for all vessels which, under the IMO SOLAS Convention, have to carry an emergency beacon.

The ELT registration database is maintained by the Chilean General Directorate for Civil Aviation and is sending a copy of all registrations to the Chilean Mission Control Centre.

### **6.2 Forms**

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

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