



Trusted for **Life**™

# SmartFind EPIRB

Available with a manual bracket or an automatic deployment housing, the SmartFind range meets the demands of recreational boaters and all classes of commercial vessels alike.



**McMURDO**  
**SmartFind PLUS**  
**G5**  
**406 GPS EPIRB**  
 Operates on 406MHz and 121.5MHz

\*WARNING\*  
 USE ONLY IN SITUATION OF EMERGENCY AND IMMEDIATE DANGER.  
 IMPROPER USE MAY CAUSE A SEVERE PENALTY.  
 ALWAYS FOLLOW THE INSTRUCTIONS ON THE DEVICE.  
 IT REMAINS THE USER'S RESPONSIBILITY TO COMPLY WITH ALL  
 APPLICABLE REGULATIONS AND STANDARDS.  
 Manufactured by: Thales IAE  
 Richmond, BC, Canada  
 www.mcmurdogroup.com

[www.mcmurdogroup.com](http://www.mcmurdogroup.com)



## SmartFind EPIRB

Available as a standard 406 MHz EPIRB or, for enhanced position location, with a built in high accuracy GPS.

### Key Features

- Internationally Approved
- Transmits on 406 and 121.5 MHz
- Integrated GPS (G5 PLUS version)
- No Subscription fee
- Unique CARRYSAFE bracket available for safe transportation
- High brightness LED flashing locator light
- 60 comprehensive diagnostic and self-tests during battery life
- Once activated, will transmit for a minimum of 48 hours
- 6 year battery life
- 5 year warranty



A float free automatic housing is available for both versions of the SmartFind.

### The SmartFind series consists of two models

E5 SmartFind is a 406 MHz EPIRB designed to operate with the COSPAS-SARSAT international search and rescue system. Once removed from its CARRYSAFE mounting bracket the unit can be activated automatically by immersion in water, or manually by following the activation instructions printed on the unit.

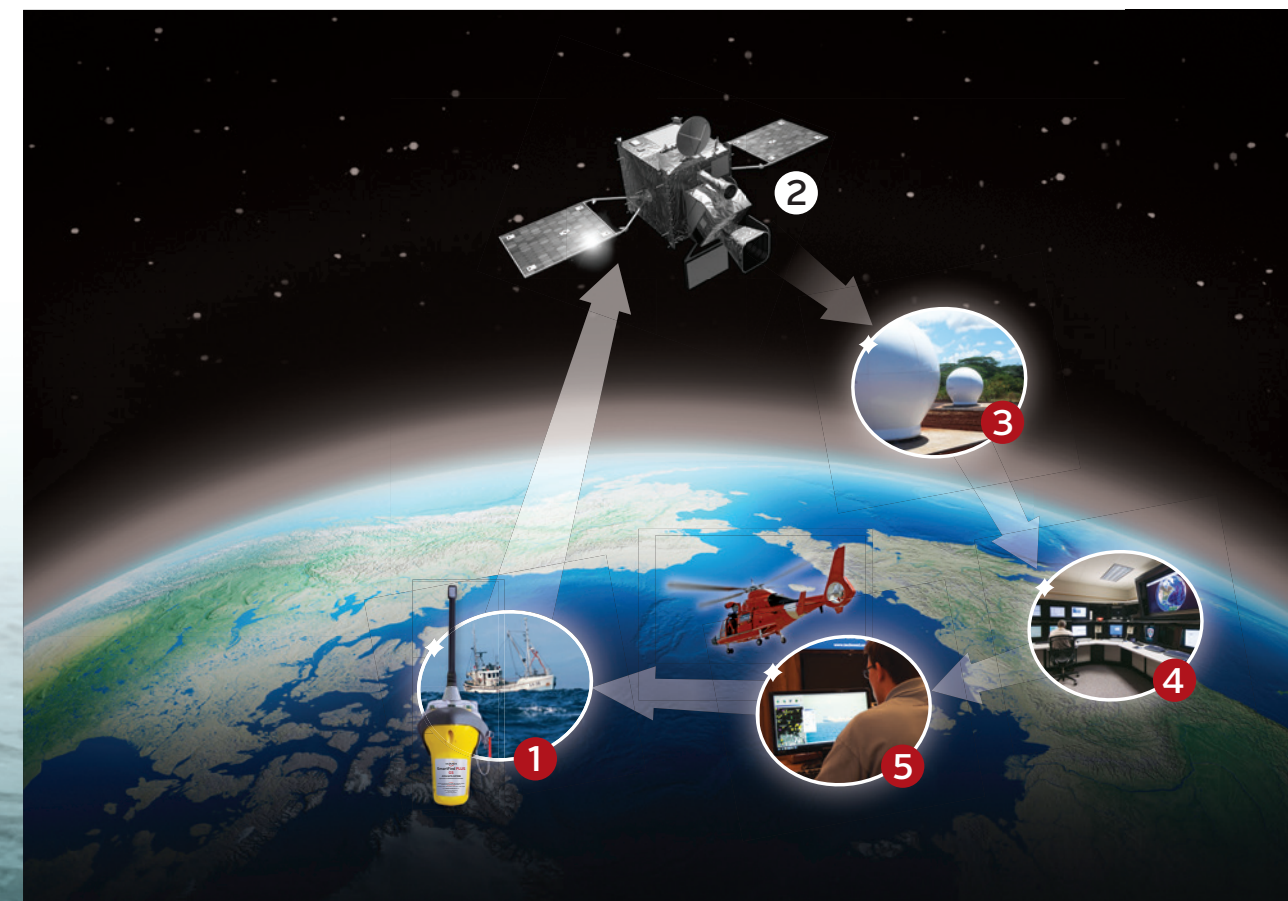
The G5 SmartFind PLUS has all the advanced features of the standard E5 SmartFind with the addition of an integral multi-channel GPS receiver. The addition of a GPS receiver ensures that an accurate position of a casualty is relayed to the rescue services. This can in turn improve the speed of recovery by updating the position of the beacon at regular intervals.



## How the end-to-end satellite-based SAR Ecosystem works

- 1 A **beacon** distress signal is sent from aircraft, marine vessel or individual
- 2 Beacon positioning/location data is relayed by satellite communications to satellite ground stations or Local User Terminals (LUTs)
- 3 The **Local User Terminal** computes the location before sending alerts to the appropriate Mission Control Centers (MCC)
- 4 The **Mission Control Center** collects, stores and sorts the data received from LUTs and other MCCs and distributes alerts to associated Rescue Coordination Centers (RCC)
- 5 The **Rescue Coordination Center** notifies and coordinates emergency response/rescue teams

\* Items in red are supplied by McMurdo Group



**Mackay**  
Marine Electronics &  
Satellite Communications  
[www.mackaymarine.com](http://www.mackaymarine.com)

**Mackay Marine – High Seas**  
+1 281 479 1515 [marinesales@mackaymarine.com](mailto:marinesales@mackaymarine.com)

**Mackay Communications, Satellite Solutions**  
+1 919 850 3100 [satserv@mackaycomm.com](mailto:satserv@mackaycomm.com)

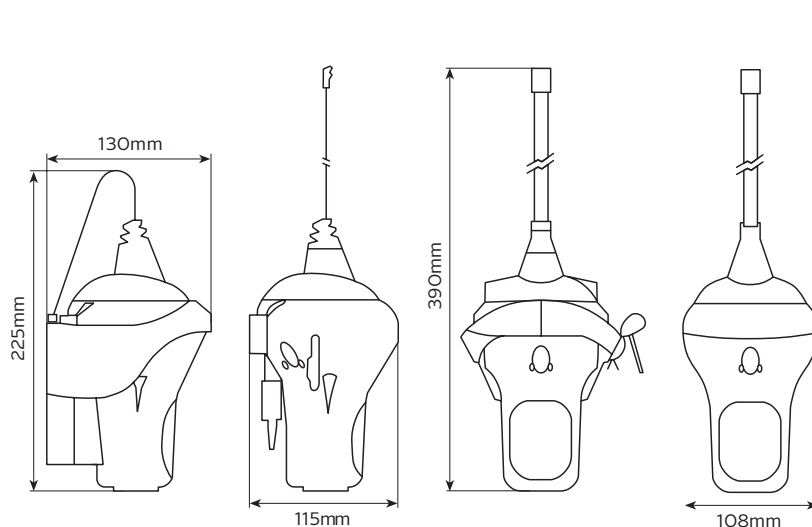
**Mackay Marine Canada**  
+1 902 469 8480 [sales.canada@mackaymarine.com](mailto:sales.canada@mackaymarine.com)

**Mackay Marine Alaska & Pacific Northwest**  
+1 206 282 8080 [ballard@mackaymarine.com](mailto:ballard@mackaymarine.com)

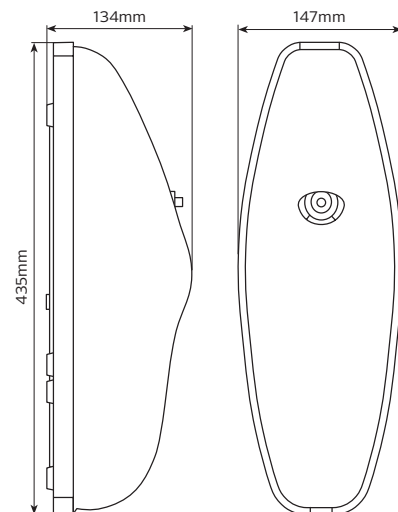
# SmartFind & SmartFind Plus

Approvals	Satellite system	Cospas-Sarsat T.001/T.007
	Europe	IEC 61097-2 Marine Equipment Directive
	USA	USCG/FCC approved (Part 80)
		FCC ID : KLS-E5-1
	Worldwide	IEC 61097-2, IC, CCS, RMRS
	Meets IMO resolution	A.662(16); A.694(17); A.810(19); A.696(17)
406 MHz Transmitter	Operating frequency	406.040 MHz $\pm$ 1 kHz
	Power output	5 W typical
	Modulation	Phase (16KOGID)
121.5 MHz Homer	Operating frequency	121.5 MHz $\pm$ 3.5 kHz
	Power output	50 mW radiated typical
	Modulation	Swept tone AM (3K20A3X)
GPS Receiver (SmartFind Plus only)	Center frequency	1.57542 GHz
	Sensitivity	-175 dBW minimum
Strobe light	Type	High intensity LED x4
Battery	Type	Lithium metal
	Operating life	48 hours minimum
	Shelf life	6 years storage
Environment	Operating temperature	-20 °C to +55 °C (-4° F to +131° F)
	Storage temperature	-30 °C to +70 °C (-22° F to +158° F)
	Automatic release depth	4 metres max. (13 feet)
Physical	Weight	770 grams (1.7 lb)
	Height of body	21 cm (8.2 inches)
	Length of antenna	18 cm (7 inches)

## SmartFind in CARRYSAFE Bracket



## Auto FLOAT FREE housing for SmartFind



Trusted for Life™

McMurdo Inc. USA, 4296 Forbes Blvd. Lanham, MD 20706

Toll Free – 1-844-MCMURDO (1-844-626-8736) Local – 1-240-790-0619

sales.americas@mcmurdogroup.com

Contact your McMurdo representative today, and find out why McMurdo is  
*The Most Trusted Name in Emergency Readiness and Response.*

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