



# U.S. Coast Guard SARSAT Report



LCDR Mark Turner  
SARSAT Liaison Officer  
U.S. Coast Guard Office of Search and Rescue



# Overview



- U.S. Coast Guard Office of SAR
- SAR Incidents and Statistics
- SARSAT Projects





# USCG Office of SAR (CG-534)

## U.S. Coast Guard Headquarters Office of Search and Rescue

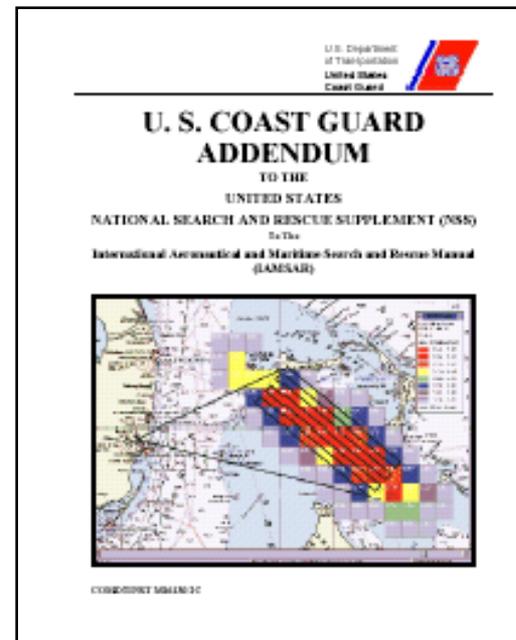
CAPT David McBride: Chief, Office of Search and Rescue (CG-534)

### **SAR Policy Division (CG-5341):**

- Search Planning Applications Development –SAROPS
- SAR Data Analysis - Resource & Policy Changes
- SAR Data – MISLE
- CG Addendum to National SAR Supplement
- Self-Locating Datum Marker Buoy Program

### **SAR Coordination Division (CG-5342):**

- National SAR Committee (NSARC)
- SARSAT Program
- SAR Agreements
- AMVER Program
- ICAO/IMO Joint Working Group on SAR
- Mass Rescue Operations





# USCG Office of SAR (CG-534)

## USCG Office of Search and Rescue Coordination Division

- Mr. Rick Button: Chief, SAR Coordination Division (CG-5342)
- LCDR Mark Turner: SARSAT Liaison Officer
- Mr. Dave Edwards: International Engagement (ICAO/IMO JWG on SAR)
- Mr. Harold Hunt: Mass Rescue Operations
- Mr. Ben Strong: Amver Marketing



# United States National SAR Committee (NSARC)

## Member Agencies



- Department of Defense
- Department of Interior
- Department of Commerce
- Department of Transportation
- Federal Communications Commission
- National Aeronautics and Space Administration
- Department of Homeland Security (2007)

Coast Guard Chairs the Committee!





# United States National SAR Committee (NSARC)

## Two Primary NSARC Documents

- National Search and Rescue Plan of the United States
- National SAR Supplement (NSS) to the IAMSAR Manual

## SARSAT Issues

- 121.5 Phase Out Working Group
- NSARC Work Group to address SEND alerts and the national SAR System





# Automated Mutual assistance VEsSEL Reporting (AMVER) System

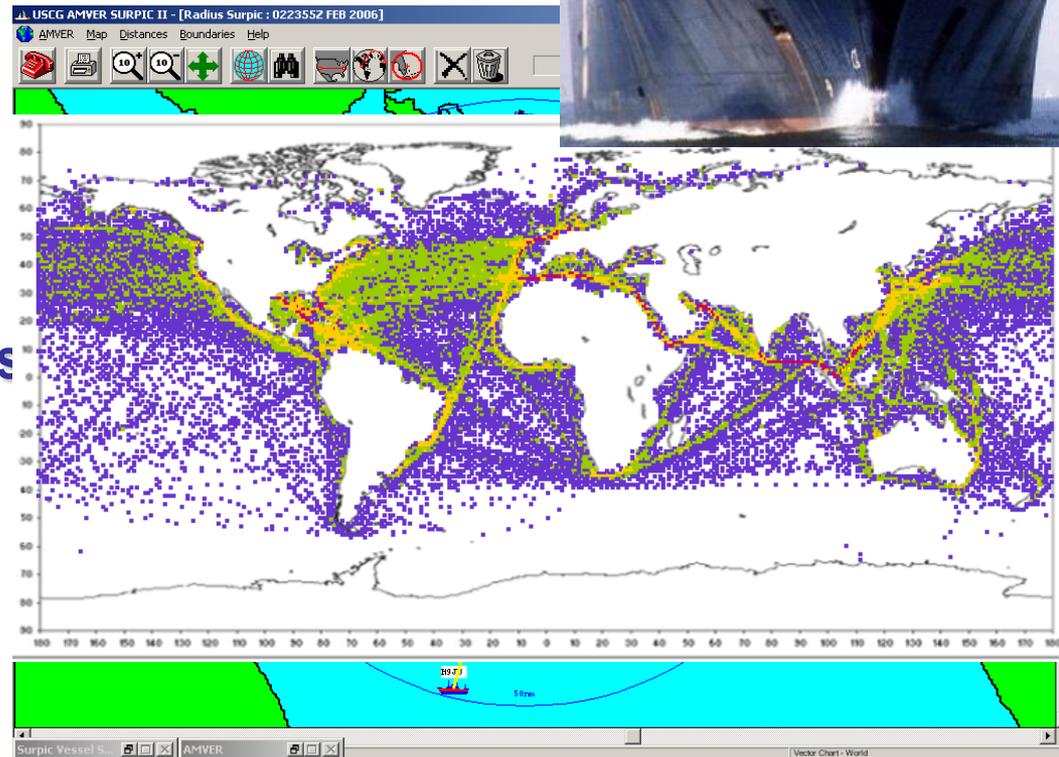
- AMVER is a computer-based vessel reporting system that exists to promote safety of life and property at sea.

- Over 3400 vessels voluntarily report their position to the USCG daily ready to lend assistance in an emergency.

- AMVER information is used to assist SAR Coordinators to locate assistance for maritime emergencies anywhere in the world.

Amver participation is:

- Open to vessels of ALL nations
- Free to all RCCs worldwide





# AMVER



In 2008 Amver embraced social media

Amber now maintains:

- an internet web log or “blog”
- a Facebook page
- a Twitter account
- a Flickr page
- a YouTube channel

AMVER Maritime Relations  
U.S. Coast Guard  
Battery Park Building  
1 South Street  
New York, NY 10004

[www.amver.com](http://www.amver.com)  
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# U.S. Coast Guard SAR Statistics





# An “Average Day” in the U.S. Coast Guard:

On an average day, the Coast Guard:

- Conducts 109 SAR Cases
- Saves 10 lives
- Assists 192 people in distress
- Protects \$2,791,841 in property



U.S. Navy Photo by Photographer's Mate Airman Dustin Howell





# USCG SAR Statistics:

	2010	2009	2008
Cases	22,226	23,555	24,228
Sorties	22,239	26,667	25,540
Lives Saved	4,335	4,747	4,875
Property Saved	\$86.9M	\$95.3M	\$147.8M





# SARSAT Rescues



## SARSAT Rescues in the U.S.

2010

**Total: 295**

**Rescues at sea: 180 people**

**Aviation rescues: 43 people**

**PLB rescues: 72 people**

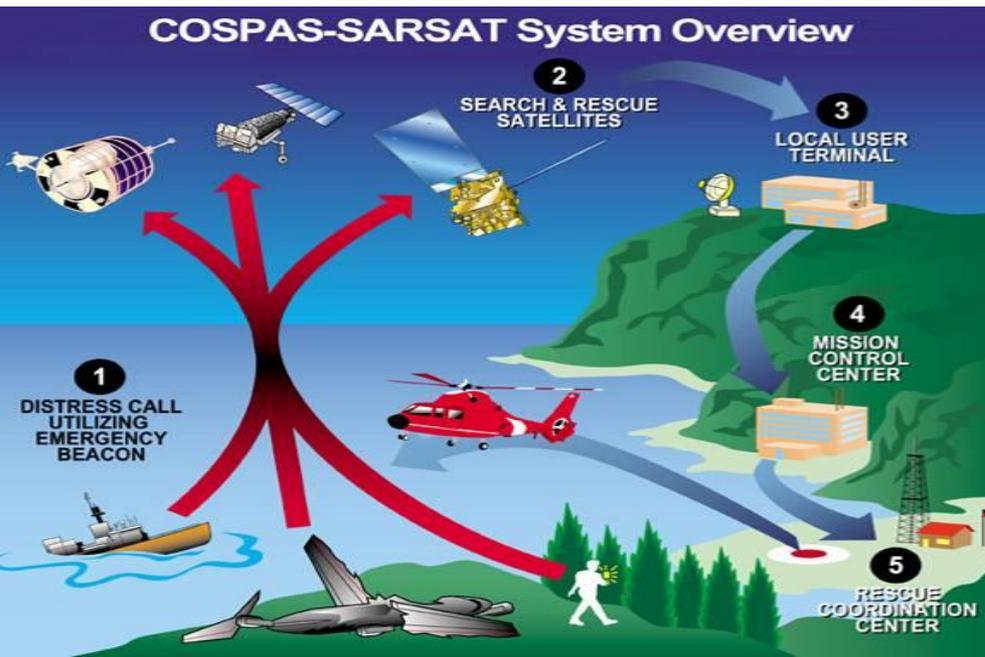
## SARSAT Rescues by the USCG

2010

**Total: 226**

**Rescues at sea: 155 people**

**PLB rescues: 71 people**





# USCG SARSAT Future



- 2012 SARSAT Conference for RCC personnel
- 406 MHz Direction Finding capabilities (portable, ashore, afloat)
- False alert mitigation
- Registration improvement
- Outreach activities
- Next generation Beacons
- AIS as a replacement for the 121.5 homer in EPIRBs
- ...and much, much more!



# U.S. Coast Guard Report



**Any Questions???**



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**Office of Search and Rescue (CG-534)**

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