



U.S. Coast Guard SARSAT Report



LCDR Kathy Niles
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

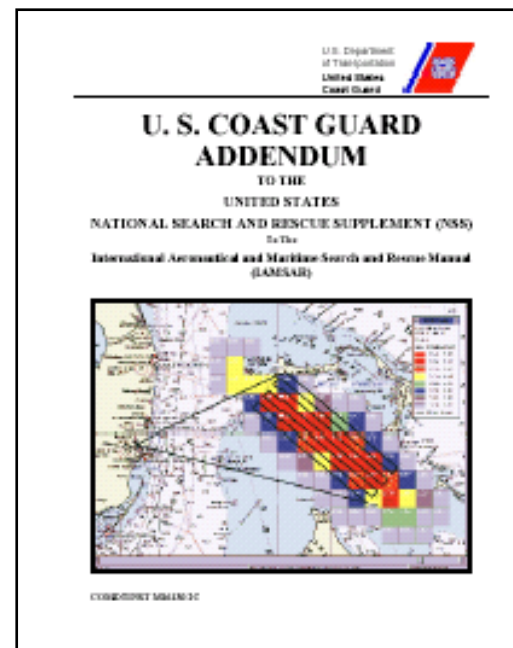
CAPT David McBride: Chief, Office of Search and Rescue (CG-534)

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 Kathy Niles: SARSAT Liaison Officer
- Mr. Dave Edwards: International Engagement (ICAO/IMO JWG on SAR)
- Mr. Al Knox: 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 closed
- Proposed NSARC Work Group to address SEND alerts and the national SAR System





Automated Mutual assistance VEsSEL Reporting (AMVER) System

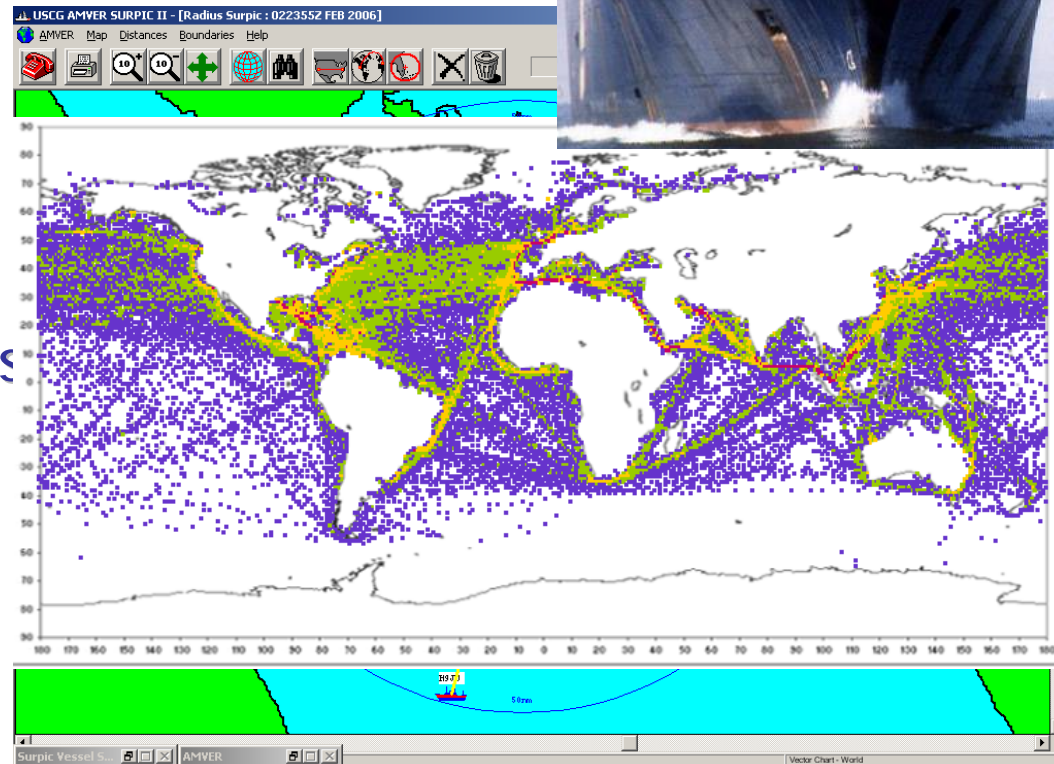
- AMVER is a computer-based vessel reporting system that exists to promote safety of life and property at sea.

- 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

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www.amver.com
www.amveruscg.blogspot.com



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





USCGC SAR Statistics:

	2008	2007	2006
Cases	24,228	26,940	28,154
Sorties	25,540	26,667	28,658
Lives Saved	4,875	5,202	5,276
Lives Assisted	31,594	35,813	38,126
Property Saved	\$147.8M	\$113.1M	\$110.7M





SARSAT Rescues



SARSAT Rescues in the U.S.

2008

Total: 283

Rescues at sea: 203 people

Aviation rescues: 12 people

PLB rescues: 68 people

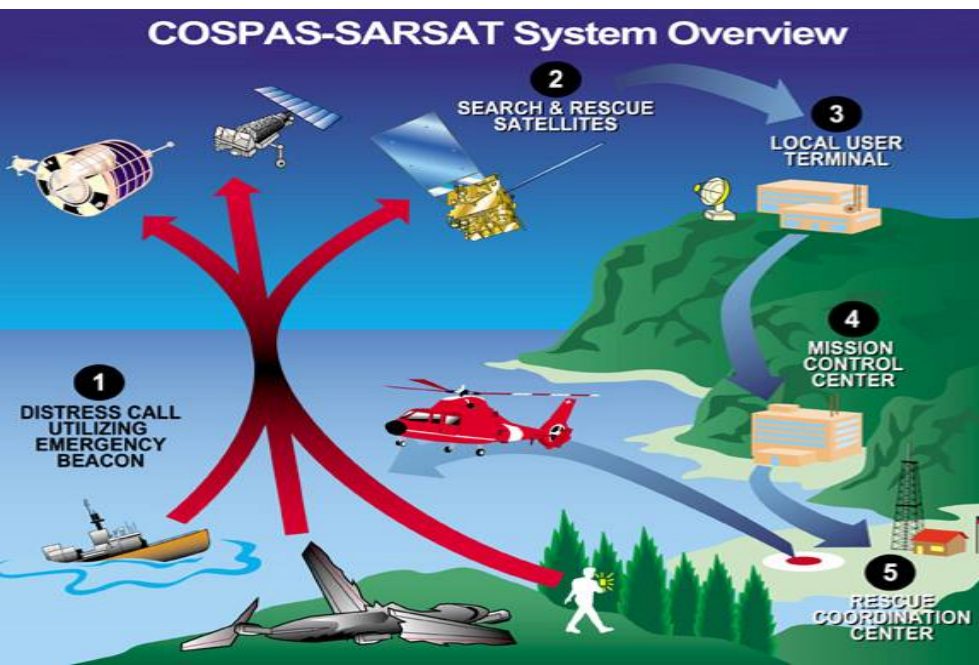
SARSAT Rescues by the USCG

2008

Total: 226

Rescues at sea: 193 people

PLB rescues: 33 people





USCG SARSAT Work



2009 Beacon Manufacturers Workshop, St Pete Beach, FL



USCG SARSAT Work



- Cospas-Sarsat, U.S. SARSAT and RTCM participation
- 121.5 Phase Out
- 406 MHz Direction Finding capabilities (aircraft, portable)
- False alert mitigation
- CG letter to RTCM initiating new Special Committee 128
- CG recommendations in updated EPIRB standard
- Outreach and education activities
- Next generation SARSAT = Distress Alerting Satellite System (DASS)



USCG SARSAT Future



- 2009-2010 SARSAT Conference for RCC personnel
- 406 MHz Direction Finding capabilities (portable, ashore, afloat)
- False alert mitigation
- Registration improvement
- Outreach activities
- DASS Integration
- AIS as a replacement for the 121.5 homer in EPIRBs
- ...and much, much more!



USCG 406 DF Capabilities



Becker Portable 406 MHz Direction Finder



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Any Questions???



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Visit Our Website! <http://www.uscg.mil/hq/cg5/cg534>

