Overview

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

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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 Search and Rescue Coordination Division

- Mr. Rick Button: Chief, SAR Coordination Division (CG-5342)
- LCDR Kathy Niles: SARSAT Liaison Officer (until 25 June 2010)
- LCDR Mark Turner: SARSAT Liaison Officer (mid July)
- Mr. Dave Edwards: International Engagement (ICAO/IMO JWG on SAR)
- Mr. Harold Hunt: Mass Rescue Operation
- Mr. Ben Strong: Amver Marketing

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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

Coast Guard Chairs the Committee!
Two Primary NSARC Documents

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

SARSAT Issues

- NSARC Commercial Emergency Notification and Locating Device Working Group
AMVER is a computer-based vessel reporting system that exists to promote safety of life and property at sea. AMVER information is used to assist SAR Coordinators to locate assistance for maritime emergencies anywhere in the world.

Over 3617 vessels voluntarily report their position to the USCG daily ready to lend assistance in an emergency.

237 persons were rescued by AMVER vessels in 2009.
Amver maintains:

• an internet site
  www.amver.com

• an internet web log or “blog”
  www.amveruscg.blogspot.com

• a Facebook page
• a Twitter account
• a Flickr page
• a YouTube channel
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
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<tbody>
<tr>
<td>Cases</td>
<td>23,556</td>
<td>24,228</td>
<td>26,940</td>
<td>28,154</td>
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<td>Sorties</td>
<td>24,688</td>
<td>25,540</td>
<td>26,667</td>
<td>28,658</td>
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<td>Lives Saved</td>
<td>4,873</td>
<td>4,875</td>
<td>5,202</td>
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<tr>
<td>Lives Assisted</td>
<td>34,448</td>
<td>31,594</td>
<td>35,813</td>
<td>38,126</td>
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<tr>
<td>Property Saved</td>
<td>$917M</td>
<td>$147.8M</td>
<td>$113.1M</td>
<td>$110.7M</td>
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SARSAT Rescues in the U.S.

2009

Total: 195
Rescues at sea: 154 people
Aviation rescues: 8 people
PLB rescues: 33 people

SARSAT Rescues by the USCG

2009

Total: 145
Rescues at sea: 126 people
PLB rescues: 19 people
SARSAT Rescues

- March 2010
- Clipper Round the World Race
- 800 miles northeast of Midway Island
- 50 mph winds / 20 ft seas

Danish vessel Nord Nightingale

British-flagged S/V California

Crew of the Nord Nightingale with Clive Cockram
USCG SARSAT Work

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- Cospas-Sarsat meetings: Council, Joint Committee, Expert WG
- RTCM participation: SC-110 & SC-128
- NSARC Commercial Emergency Notification Device WG
- 2010 SARSAT Conference for RCC personnel
- 406 MHz Direction Finding capabilities (aircraft, portable)
- Outreach and education activities
- Next generation SARSAT = Distress Alerting Satellite System (DASS)

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The USCG is in the process of equipping their search aircraft with 406 MHz homing capability.
As of April 2010, 138 of the 190 USCG aircraft (approx. 73% of the fleet) are outfitted with the DF-430 system.

HU-25: 15 operational
HC-130H: 19 operational
HC-130J: 6 operational
HC-144A: 8 operational
MH-65C/D: 62 operational, plus 10 in mod. at ALC
MH-60T: 12 operational, plus 6 in mod. at ALC

HH-65C: 28 operational, DF-430 installs 0%
MH-60J: 24 operational, DF-430 installs 0%
*these aircraft will be upgraded during scheduled product line platform upgrades
USCG SARSAT Future

- 2011 SARSAT Conference for RCC personnel
- 406 MHz Direction Finding capabilities (portable, ashore, afloat)
- EPIRB AIS
- Registration improvement
- Outreach activities
- DASS Integration
- …and much, much more!

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Any Questions???

LCDR Kathy Niles
U.S. Coast Guard Headquarters
Office of Search and Rescue (CG-534)

katherine.m.niles@uscg.mil
(202) 372-2089

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