Maritime Distress of Fishing Boats & Japan Coast Guard’s SAR Operation

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AUNAR 500
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### Death by Fall over Board

<table>
<thead>
<tr>
<th>Year</th>
<th>‘98</th>
<th>‘99</th>
<th>‘00</th>
<th>‘01</th>
<th>‘02</th>
<th>‘03</th>
<th>‘04</th>
<th>‘05</th>
<th>‘06</th>
<th>‘07</th>
<th>AVE.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALL Vessel (A)</td>
<td>140</td>
<td>169</td>
<td>168</td>
<td>149</td>
<td>138</td>
<td>136</td>
<td>143</td>
<td>131</td>
<td>153</td>
<td>110</td>
<td>143.7</td>
</tr>
<tr>
<td>Fishing boat (B)</td>
<td>90</td>
<td>107</td>
<td>111</td>
<td>93</td>
<td>81</td>
<td>90</td>
<td>99</td>
<td>82</td>
<td>94</td>
<td>64</td>
<td>91.1</td>
</tr>
<tr>
<td>(B)/(A) %</td>
<td>64.3</td>
<td>63.3</td>
<td>66.1</td>
<td>62.4</td>
<td>58.7</td>
<td>58.7</td>
<td>66.2</td>
<td>62.6</td>
<td>61.4</td>
<td>58.2</td>
<td>63.4</td>
</tr>
</tbody>
</table>

### Effect of Survival Equipment (Life Jacket)

| survival rate% | 11  | 17  | 17  | 26  | 28  | 22  | 29  | 22  | 25  | 37  |
| L/J Wearing rate% | N/A | N/A | N/A | 12  | 16  | 15  | 19  | 19  | 28  | 31  |

Reference: "Sea and Safety" (Umi to Anzen) Spring 2008 No 536 The Japan Association of Marine Safety
CABIN where 3 fishermen survived for 90 hours in capsized boat was only 1.7-meters high

The 3rd Regional Coast Guard Headquarters in Yokohama released a photo of the cabin where three crew members of a capsized fishing boat waited 90 hours to be rescued. The photo was taken during an investigation of the eight-man fishing boat Daiichi Kofuku-maru(19 ton) after it was towed to Hachijojima island by the Japan Coast Guard on Thursday.

The cabin where the three men spent approximately 90 hours after the vessel capsized is 2.9 meters wide, 2.2 meters deep, and 1.7-meters high. The ceiling of the cabin -- pictured at the bottom of the upturned boat -- is flooded.

MAINICHI SHIMBUN website
**Action of Rescue Team**

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**Special Rescue Team**
- Tokyo: 6 teams
- 6 specialists/team
- Repelling descend

**Mobile Rescue Technician**
- 6 Air Base
- 4 ~ 8 technicians
- Repelling descend

**Long Range ships manned with Divers**
- 9 ships
- 8 ~ 10 divers/team
- Hoist descend

**Medium Range Ships manned with Divers**
- 7 ships
- 4 ~ 6 divers/team
- Hoist descend

**Short Range Vessels manned with Divers**
- 9 ships
- 3 ~ 4 team
- Hoist descend

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First-Aid Treatment
Shipboard Fire
Hazardous Materials
Nuclear/Biological/Chemical
The Special Rescue Team (SRT) is on standby around the clock at the Haneda Special Rescue Station, ready to carry out search and rescue operations in situations which demand advanced and specialized knowledge and skills, such as fires on ships carrying hazardous materials, capsized or sinking vessels, and rescue using helicopters. Since its foundation in 1975, the team has saved some 2,000 lives.

Skilled in helicopter lifts and emergency medical procedures, Mobile Rescue Technicians (MRT) rush to the scene by helicopter to save lives when a marine accident occurs or sick or wounded are reported at sea. These technicians are stationed at the Hakodate, Fukuoka, Miho, and Kagoshima Air Stations, as well as the Kansai International Airport Coast Guard Air Station. In fiscal 2009, additional technicians will be assigned to the Naha Air Station in order to enhance rescue and emergency capabilities.
Airlift by a helicopter from a stranded ship

Thank you for your attention

**The Three Basics of Self-rescue**
- Always wear a life jacket
- Keep a mobile phone or other communication device handy in a waterproof package
- In times of emergency, call “118”

Airlift by a helicopter from a stranded ship