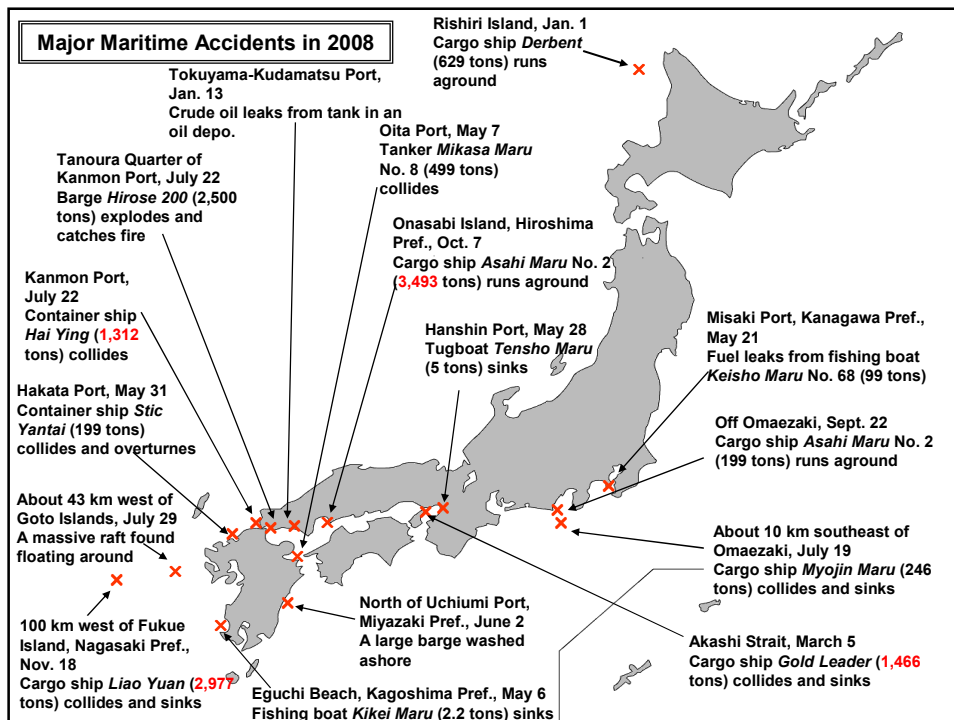


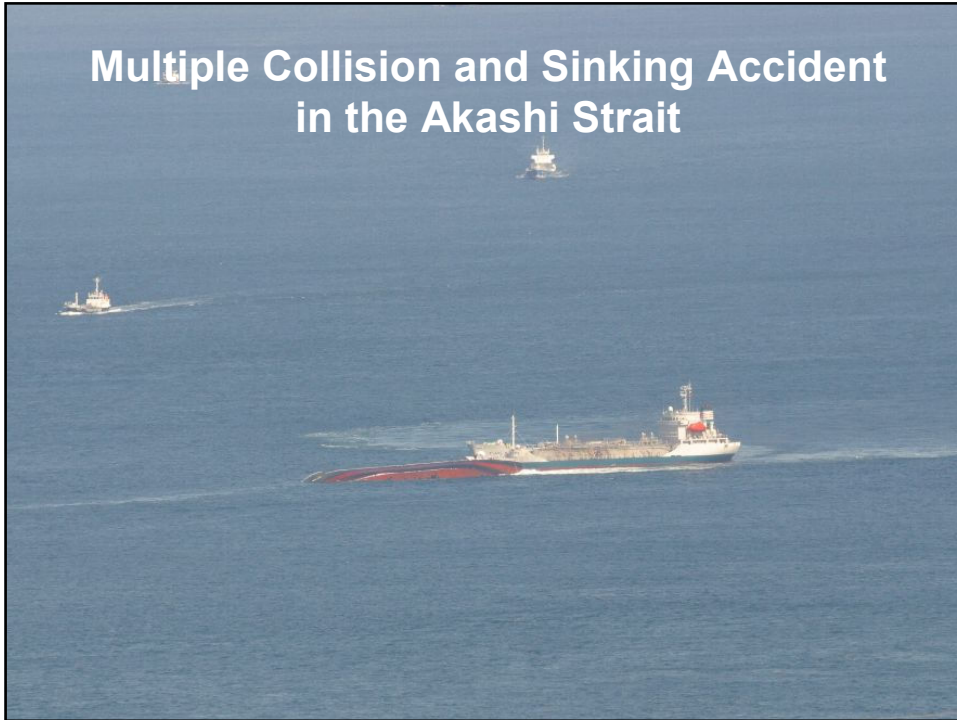
# Incident Response in the Japan Sea and Cooperation with Neighboring Countries



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 Guard and Rescue Department, Japan Coast Guard



## Multiple Collision and Sinking Accident in the Akashi Strait



### Outline of Akashi Strait Multiple Collision and Sinking Accident

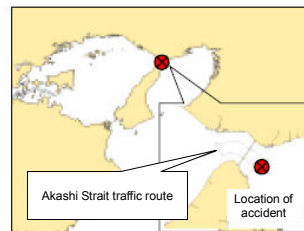
#### Outline of Accident

**(1) Date and time**

Around 2:55 p.m., Wednesday, March 5, 2008

**(2) Location**

Near buoy No. 3, east exit,  
Akashi Strait traffic route



**(3) Outline**

The sand carrier *Eisei Maru* No. 5 (496 tons), sailing westwards in the Akashi Strait traffic route, collided with the tanker *Ocean Phoenix* (2,948 tons), also sailing westwards. After that, the *Ocean Phoenix* collided with the cargo ship *Gold Leader* (1,466 tons), which sank. Of the nine crew members of the *Gold Leader*, three died and one remains missing.

**(4) Response of the Japan Coast Guard**

When the accident occurred, the Japan Coast Guard conducted a search for the missing persons and directed shipping traffic using patrol boats and aircraft. After an oil spill from the *Gold Leader* was confirmed, in addition to providing information to the related organizations and local authorities, the Japan Coast Guard dispatched a four-member National Strike Team unit of oil removal specialists and implemented oil removal by patrol boats and an investigation by aircraft.

### A Scene of Oil Spill



**ノリ漁 今季7漁協中止**  
**明石海峡油流出 被害40億円も**

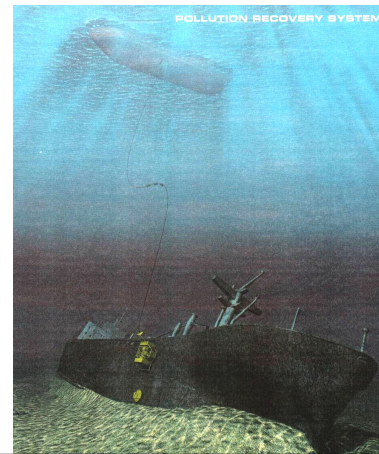
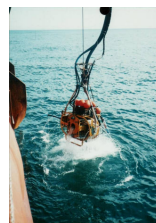
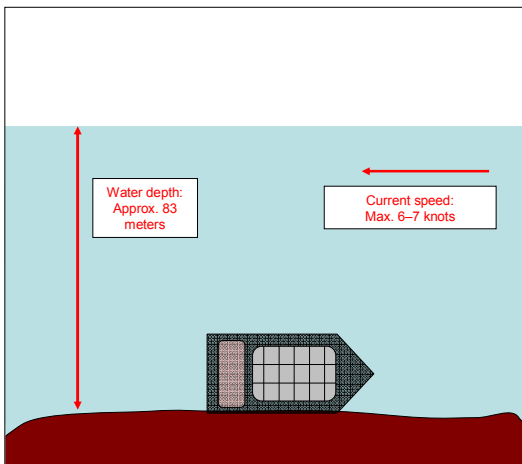
明石海峡で、沈没した貨物船「アムステルダム」から、約40億円のノリ漁協が被害を受けた。被害を受けたのは、明石海峡を航行する船舶から流出した油が、沿岸に漂着したため。被害を受けたのは、明石海峡を航行する船舶から流出した油が、沿岸に漂着したため。被害を受けたのは、明石海峡を航行する船舶から流出した油が、沿岸に漂着したため。

**市漁協の貴重な収入源 直撃**  
**不安募らせる漁師ら**

小売りへの影響 最小限に

明石海峡で、沈没した貨物船「アムステルダム」から、約40億円のノリ漁協が被害を受けた。被害を受けたのは、明石海峡を航行する船舶から流出した油が、沿岸に漂着したため。被害を受けたのは、明石海峡を航行する船舶から流出した油が、沿岸に漂着したため。

### Location of Gold Leader on the Sea Bottom



## National Strike Team

➤ Set up in April 1995 in the Search and Rescue Division, Guard and Rescue Department, The Third Regional Coast Guard Headquarters to take control measures in the event of oil spills or similar accidents throughout the country. There are presently four teams with a total of 16 members.

➤ When an oil spill or similar accident occurs, the force is dispatched to the relevant Regional Coast Guard Headquarters or equivalent to:

- Offer technical guidance, advice and coordination on oil spill control measures
- Advise on formulation of response plans at meetings convened with relevant agencies.

➤ At normal times, the force conducts training, exercises and maritime disaster prevention research

### Formulating response plans



### Ascertaining and assessing situation



### Conducting and evaluating spill control activities

## Maritime Disaster Prevention Center

### History

October 1976: Established as an authorized corporation

October 2003: Reformed as an independent administrative agency and took over all the duties of the authorized corporation

### Disaster Prevention Duties

1. Take steps to respond to oil spills and similar accidents, **acting under instructions from the JCG Commandant**
2. Take steps to respond oil spills and similar accidents, fight fires using firefighting vessels, and prevent fire spread, **acting under the commission of those responsible for the accident (ship owners, etc.)**



24-hour response, nationwide network

Oil spill response  
HNS\* response  
Fire response

Crisis response  
(emergencies)

### Other Duties

3. **Maintain stocks of oil spill response materials** (oil recovery equipment, oil booms, oil dispersants, etc.) and **lend them under contract** to ship owners and other relevant parties
4. **Conduct** maritime disaster prevention **exercises**
5. **Research** maritime disaster prevention equipment, materials and technologies and **publicize the results**
6. **Gather, compile and disseminate** maritime disaster prevention **information**
7. **Provide instruction and advice** on maritime disaster prevention under commission from ship owners or other interested parties
8. Contribute to promoting **international cooperation**

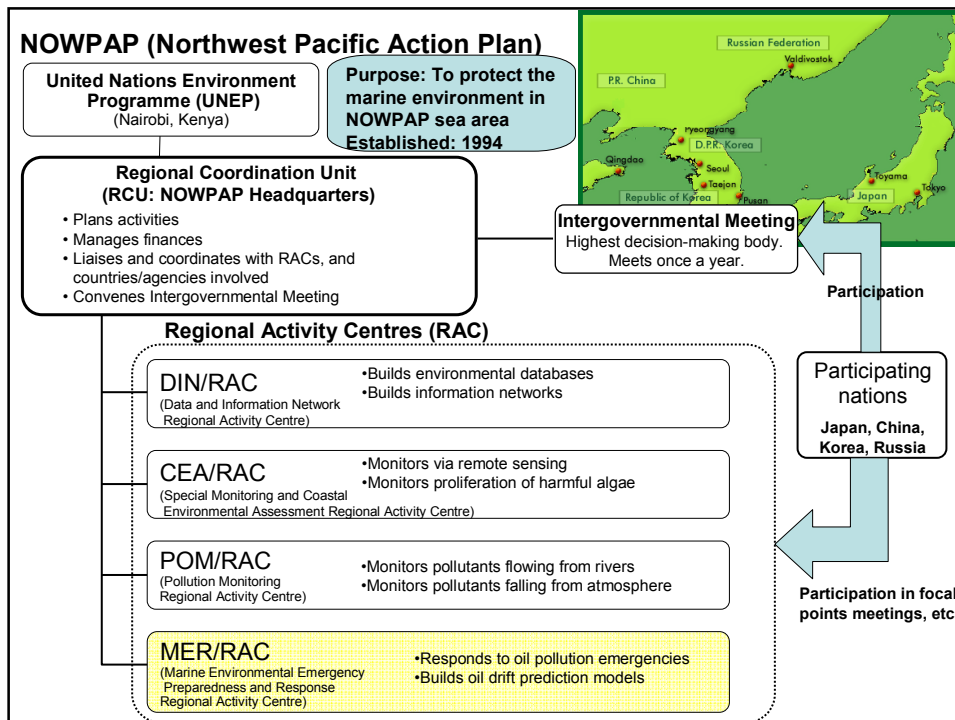
Maintain and supply materials & equipment  
Train and enhance skills of disaster prevention personnel  
Develop new technologies and methods

Risk Management  
(normal times)

**Active for more than 30 years as a core organization playing a key role in Japan's maritime disaster prevention system**

\*Hazardous and noxious substances






**MER/RAC (Marine Environmental Emergency Preparedness and Response Regional Activity Centre)**

**1. Outline of MER/RAC**


Aim: Emergency preparedness and response to oil and other spills at sea  
Location of office: Daejeon, Korea



**Focal points:** Japan Coast Guard; China Maritime Safety Administration; Korea Coast Guard; Russian State Marine Pollution Control, Salvage and Rescue Administration

**2. Focal Points Meetings**

Focal point meetings are held every spring in Daejeon, Korea, to determine MER/RAC activities, exchange information, etc.



Focal points meeting

## Activities of MER/RAC

### 1. Improvement of regional capabilities and systems

Oil and other spill contingency plan, hazardous and noxious substance (HNS) spill training manual, HNS database, HNS removal manual, guidelines on use of oil dispersants, etc.

### 2. Exchange of information

Exchange of information through meetings of specialists and through focal points, etc.

### 3. Exercises

Joint exercises, simulated exercises, communication exercises

**Joint training** (Qingdao, China, September 2008)

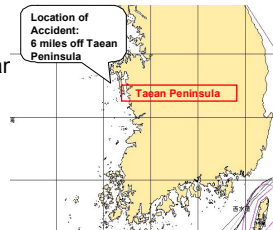
27 boats, 2 aircraft, and more than 400 persons participated.



## Japan's Response to a Large Oil Spill Accident in Korea

### 1. Outline of Accident

At around 7:15 a.m. on December 7, 2007, offshore of Taear in Korea, a crane barge being towed by tugboats collided with an anchored oil tanker, causing a spill of about 12,457 kiloliters of crude oil from the tanker.

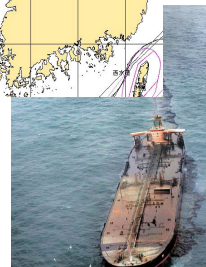


### 2. Requests, etc. from Korea to Japan

- (1) December 10: Implementation of NOWPAP regional oil and HNS spill contingency plan (concluded on January 14)
- (2) December 13: Request for emergency assistance from Korea to Japan through diplomatic route

### 3. Dispatch of Japan Disaster Relief Team, and Response Material

- (1) Dispatch of Japan Disaster Relief Team experts through NOWPAP framework
  - i. Dispatch period: December 15–23, 2007 (9 days)
  - ii. Duties: Assistance with oil removal activities in affected area
  - iii. Dispatched persons (affiliated to JCG)
    - Director for Maritime Disaster Prevention, Marine Environment Protection and Disaster Prevention Division, Japan Coast Guard
    - Chief Removal Measures Officer and Removal Measures Officer, Yokohama Mobile Oil Removal Base
    - Staff member of the Marine Disaster Prevention Center
    - Staff member of the Ministry of Foreign Affairs, staff member of Japan International Cooperation Agency



- (2) Oil adsorbent: 10 tons provided

*Thank you*

