



For the 2<sup>nd</sup> half of 2018

# PSC Trend

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Nov. 20, 2018

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# I Statistics for the 2<sup>nd</sup> half



## Summary of the 2<sup>nd</sup> half of 2018

**1. Period : 2018. 07. 01 ~ 2018. 11. 20**

**2. Detention : Total 20 ships (owner-related)**

\* The 1<sup>ST</sup> half of 2018 : Total 40 ships

**3. Summary**

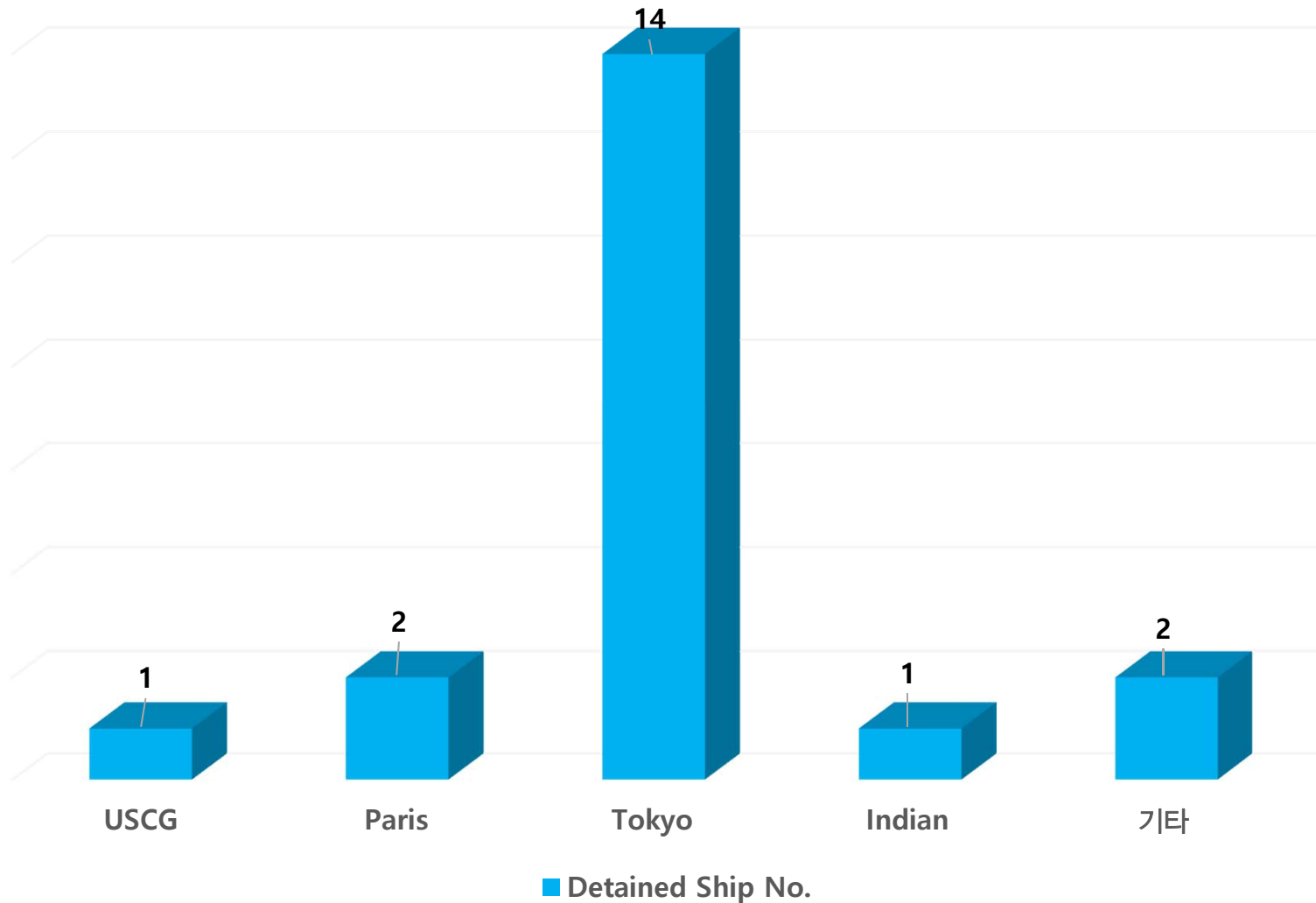
- ① Compared with the first half of the year, the number of detained ships was sharply decreased in half. (40 Ships -> 20 Ships until now)  
-> It is judged that PSC Seminar started in June this year by overseas branch office was effective.
- ② The detention of foreign managing company is relatively high compared to the ratio of the registered ship in KR.
- ③ Fire safety & ISM were the cause of the highest detention.

# PSC Trend

I. Statistics for the 2<sup>nd</sup> half



## July to November \_ by MoU



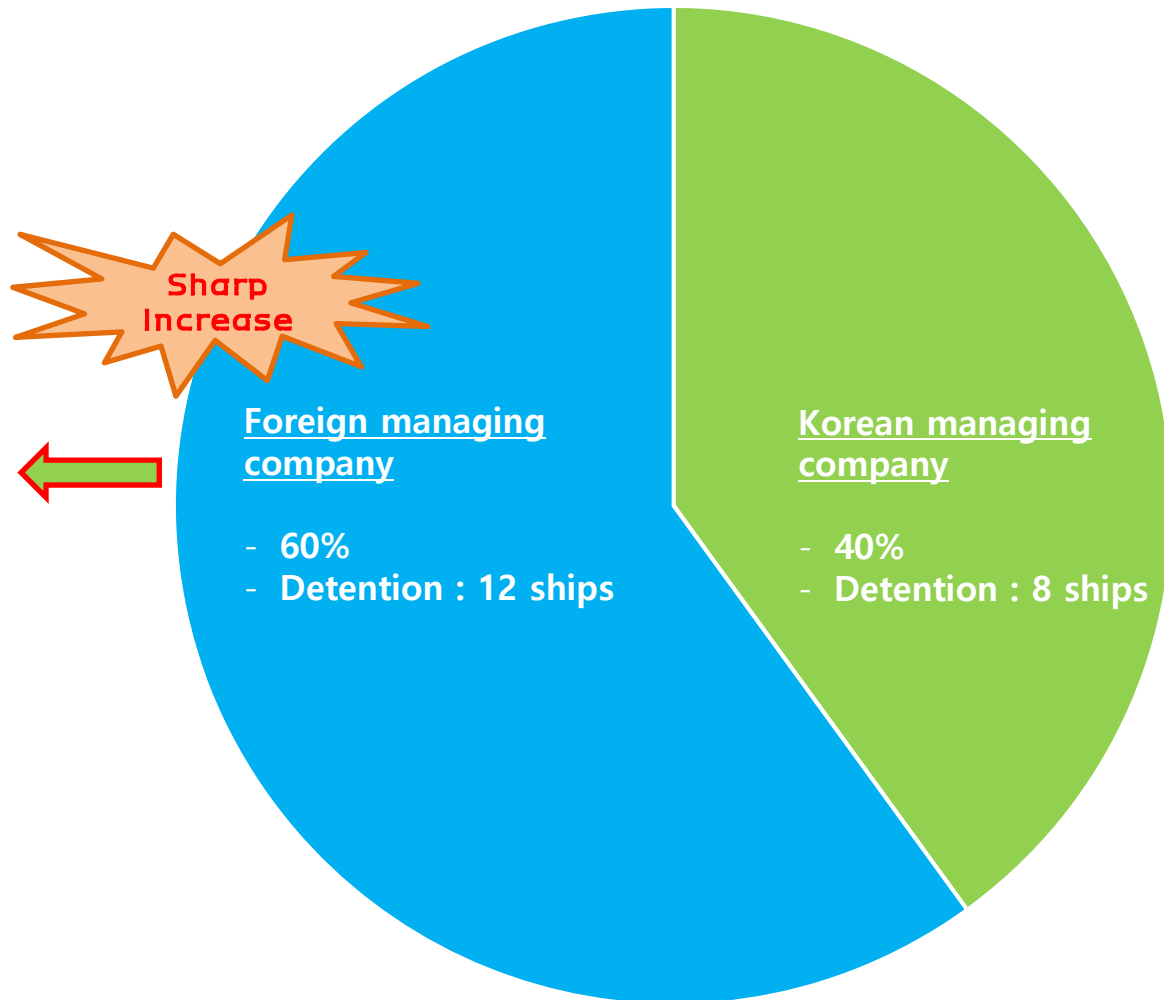
### July to November \_ by PSC country



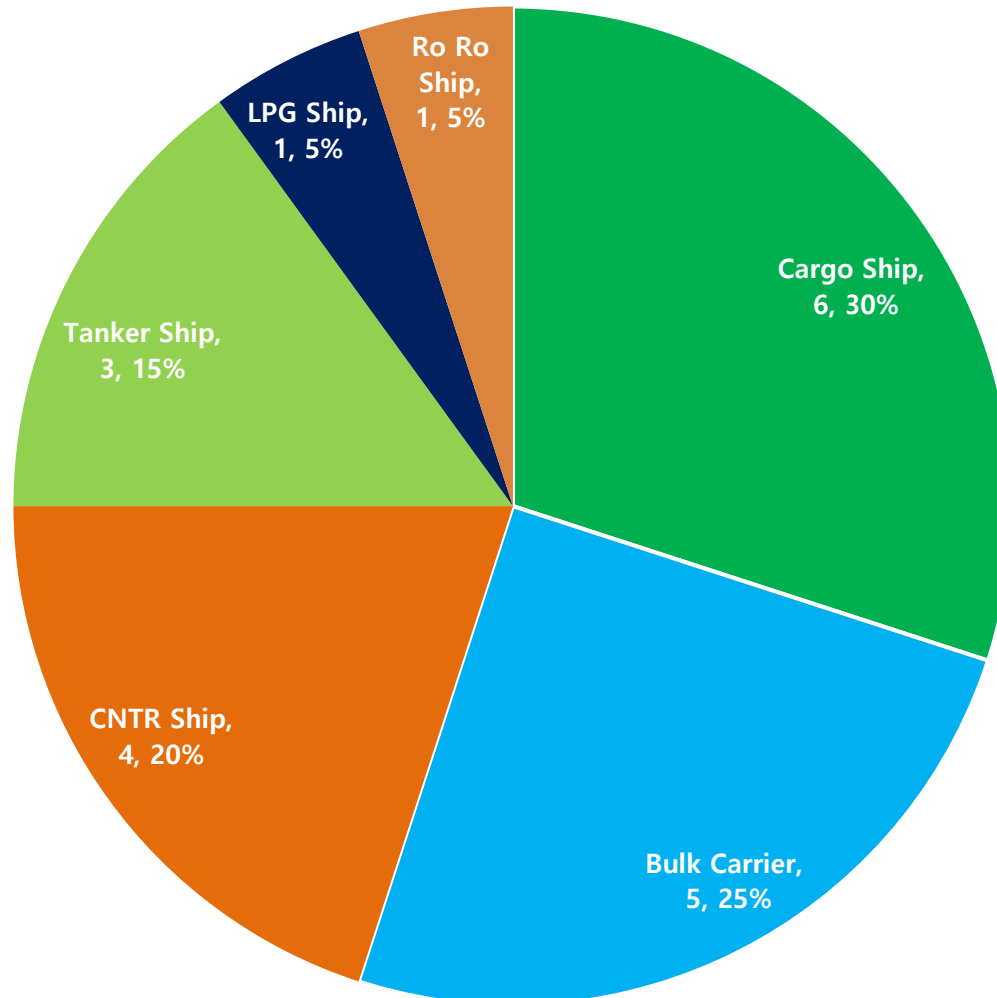
\*1 Others : France, Spain, Indonesia, New Zealand, USA, Sri Lanka, Korea

### July to November \_ by managing company

Managing Company	Detention Nos.
Germany	4
China	2
Greece	2
Others	4



### July to November \_ by Ship Type



**Detained ship No. / Portion**



# PSC Trend

I. Statistics for the 2<sup>nd</sup> half



## July to November \_ by Detention Items



### July to November \_ by Detention Items in detail (1)

Category	Details for Detention item
Fire Safety	<ol style="list-style-type: none"> <li>1) Defective on Self-Closing Fire Door</li> <li>2) Defective on Fire Damper / Funnel Damper (not fully closed, holed)</li> <li>3) Oil leaking from machinery in engine room (Important in USA)</li> <li>4) Oil soaked lagging and oil rags in engine room (Important in USA)</li> </ol>
ISM	<ol style="list-style-type: none"> <li>1) No familiarity on DSC Call of MF/HF</li> <li>2) No familiarity on Fuel Oil Change for SECA area</li> <li>3) No familiarity on Voyage Plan, Chart and ECDIS</li> <li>4) ISM failure due to many deficiencies</li> </ol>
Life Saving	<ol style="list-style-type: none"> <li>1) Defective on Life Boat Engine Starting (battery was discharged)</li> <li>2) Defective on Rescue Boat Steering (malfunction)</li> <li>3) Defective on Rescue Boat Launch Davit (Power Failure)</li> </ol>
Safety of Navigation	<ol style="list-style-type: none"> <li>1) Defective on Gyro Compass (out of order)</li> <li>2) No charts on board</li> </ol>
Marine Pollution	<ol style="list-style-type: none"> <li>1) O.W.S ; Hole/Corrosion in Suction Pipe</li> <li>2) Sewage Treatment Plant ; out of order</li> <li>3) Fuel Oil Change Procedure ; not followed the SECA Requirement</li> </ol>

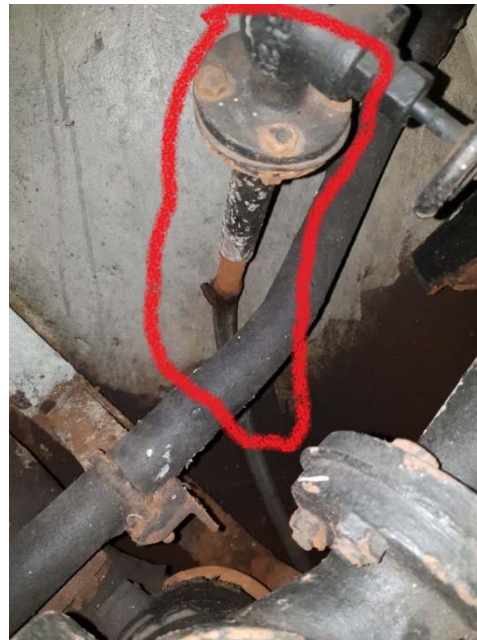
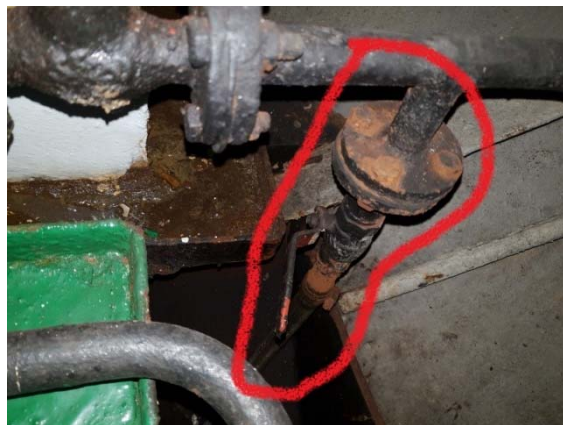
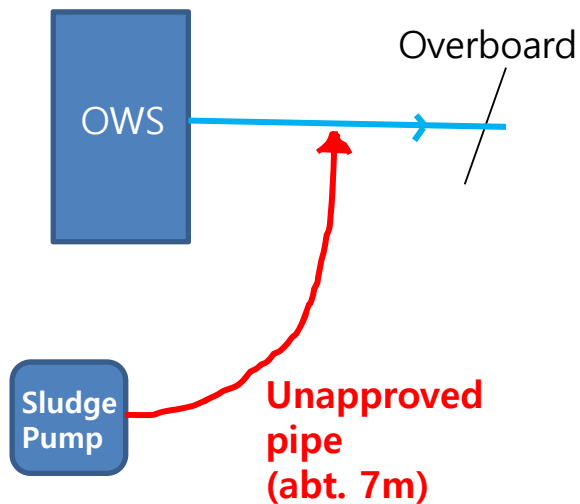
### July to November \_ by Detention Items in detail (2)

Category	Details for Detention item
Emergency Items	<ol style="list-style-type: none"> <li>1) Defective on Emergency Fire Pump</li> <li>2) Defective on Emergency Generator (Battery was discharged)</li> </ol>
Cert / Document	<ol style="list-style-type: none"> <li>1) No Safe Manning Cert on board</li> <li>2) No GMDSS General Operator Cert for Master on board</li> </ol>
Tightness Condition	<ol style="list-style-type: none"> <li>1) Cargo hatch cover ; not weather tight (corroded / holed / light came in hold)</li> </ol>
ISPS	<ol style="list-style-type: none"> <li>1) No access control for visitors</li> </ol>
Machinery	<ol style="list-style-type: none"> <li>1) Defective on Generator Engines (No.1 &amp; No.3)</li> </ol>
Radio Equipment	<ol style="list-style-type: none"> <li>1) No reserve source of energy for MF/HF &amp; INMARSAT-C</li> </ol>

A horizontal rectangular box with a light gray border. On the left side, there is a blue circular icon containing the Roman numeral 'II'. To the right of the icon, the text 'PSC Issue' is written in a blue, sans-serif font.

## II PSC Issue

### (Oily Water Separator) Unapproved pipe line



#### Deficiency

Unapproved pipe line from sludge pump was connected to overboard line of O.W.S.

[ship transferred from other class]



#### Action Taken

It was removed from the overboard line.



#### Preventive Measure

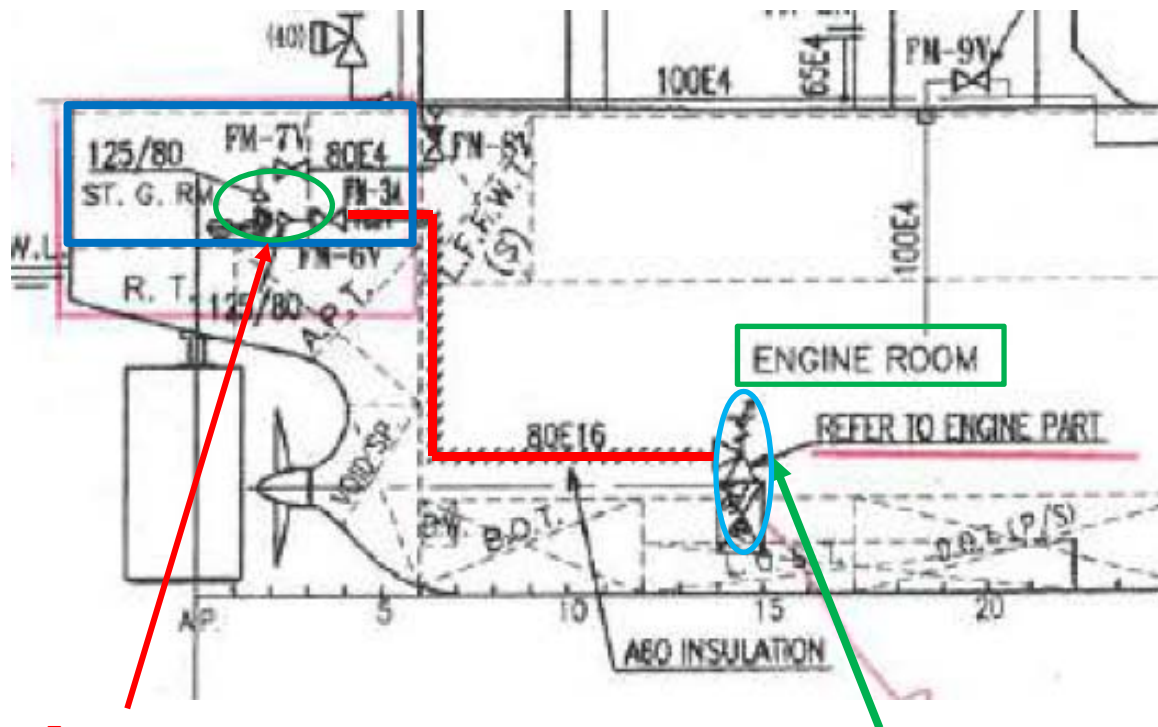
Pipe line shall be carefully checked during class survey by KR and patrol by Engineers on board.

### (Emergency Fire Pump) No Control means for sea inlet valve

#### Requirement

**[SOLAS Ch.II-2/Reg.10.2.1.4.1] / Ships constructed on or after July 01, 2002**

The emergency fire pump, its seawater inlet, and suction and delivery pipes and isolating valves shall be located outside the machinery space. **If this arrangement cannot be made, the sea-chest may be fitted in the machinery space if the valve is remotely controlled from a position in the same compartment as the emergency pump**



Emergency Fire Pump

Sea chest & Sea Inlet V/V

#### Deficiency

No remote control means was provided in S.G.Room. (It was fitted in F.C.Station, not in S.G.Room.)

[ship transferred from other class]



#### Action Taken

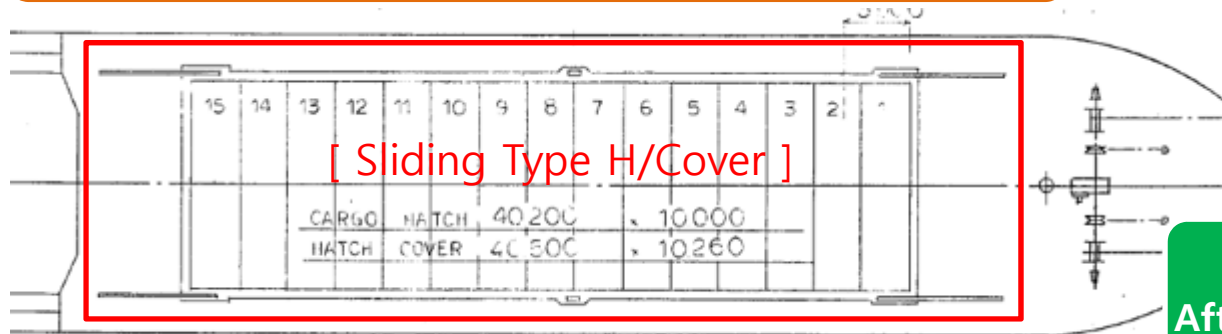
It plans to be fitted in the same compartment(S.G.Room) with the emergency fire pump.



#### Preventive Measure

It shall be carefully checked during class survey by KR and patrol by Engineers on board.

### **(Cargo Hatch Cover) Tightness**



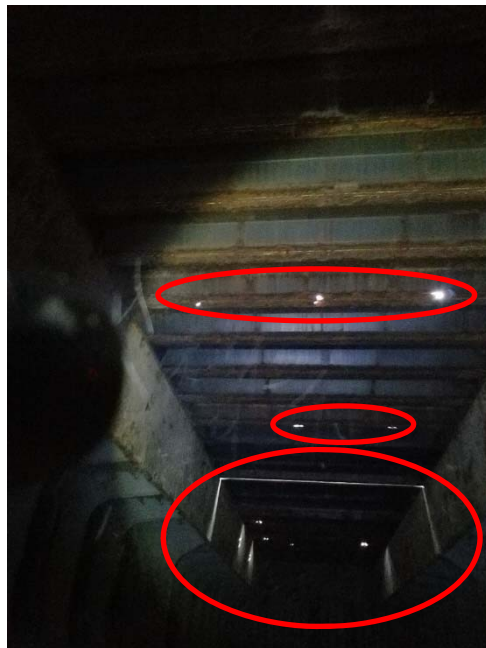
**Deficiency**  
After closing h/cover, PSCO found h/cover was not weather tight due to corrosion and holes.



**Action Taken**  
After the temporary repair, the ship went to the next port for the permanent repair.



**Preventive Measure**  
After closing it, check whether light is transmitted or any corrosion is found.



[ Holed and Corroded ]

### (Radio Communication) Missing radio communication

#### Requirement

**[SOLAS Ch.IV/Reg.7.2] / Applicable to all Passenger Ships / Retroactive Requirement**

Every passenger ship shall be provided with means for two-way on-scene radio communications for search and rescue purposes using the aeronautical frequencies 121.5MHz and 123.1MHz from the position from which the ship is normally navigated.



[ Sample\_Portable Type ]

#### Deficiency

Two-way on-scene radio communication means was not provided on board.



#### Action Taken

Newly provided due to it's loss



#### Preventive Measure

For passenger ship, check whether it is provided on board.







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