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# Recent Developments and Experiences

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Japan Transport Safety Board

ITSA Annual Conference 2017

## International cooperation in more and more cases

### For Marine Accident Investigations

- Fatal accident on a chemical tanker during mooring operation at Bordeaux, France, 22 April 2016
  - cooperating with BEAmer, France
- Explosion of an boiler on a container ship at Felixstowe, UK, 19 Jan. 2017
  - cooperating with MAIB, UK
- Collision between Philippine container ship and US navy ship in Japanese waters, 17 June 2017
  - cooperating with US Coast Guard (NTSB) and MARINA of Philippines

Your cooperation is always appreciated.

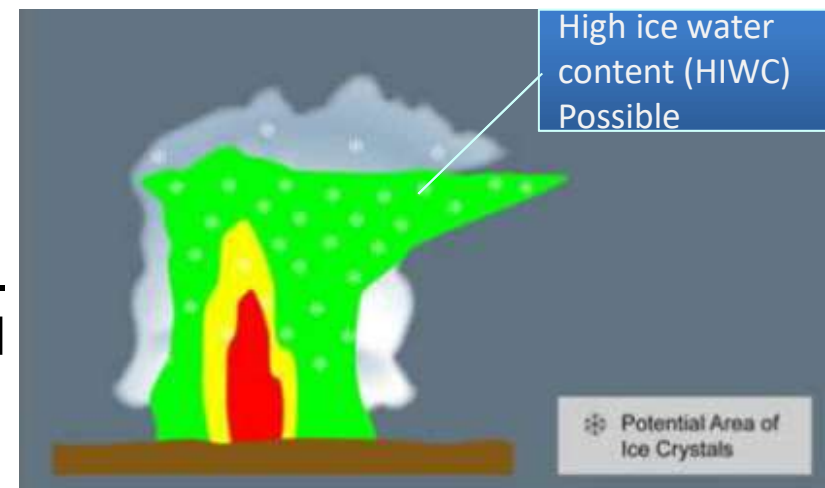
<b>Aircraft</b>	21 investigators		
	The number of ongoing investigations	..... 39	
	per investigator involved in the capacity of IIC	.....	1.9
	per investigator involved in assisting capacity	.....	2.9
<b>Railway</b>	16 investigators		
	The number of ongoing investigations	..... 17	
	per investigator involved in the capacity of IIC	.....	1.1
	per investigator involved in assisting capacity	.....	1.7
<b>Marine</b>	15 investigators	(serious accidents and incidents)	
	The number of ongoing investigations	..... 22	
	per investigator involved in the capacity of IIC	.....	1.5
	per investigator involved in assisting capacity	.....	2.5

In July 2016, while a passenger aircraft was cruising at an altitude of 37,000 feet over central part of Japan, the pilots have heard the sound of rain. Then the computed airspeed became unreliable.

The pilots decent altitude to 25,000 feet, then the computed airspeed resumed normal shortly. This investigation is under going.

The cause of this incident seems to be due to “Ice Crystals”. Ice crystals are very small solid water particles.

The events due to ice crystals have mostly occurred in tropical and subtropical regions. But, with global warming going up, we need to pay attention to this phenomena in non-tropical regions as well.



Isolated Continental Thunderstorm

*Welcome to Japan!*

*Please enjoy  
staying in  
Tokyo.*

