



HBMC I

Hellenic Bureau
for Marine
Casualties
Investigation

HBMC I's REPORT

FOR

2017

[PIRAEUS - JANUARY 2018](#)

HBMCI's REPORT FOR 2017

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PROLOGUE

The Hellenic Bureau of Marine Casualties Investigation (HBMCI) was established by Law 4033/2011 (Government Gazette 264 A'/ 22 December 2011), within the scope of enforcement of the European Directive 2009/18/EC.

HBMCI conducts technical investigations after marine casualties or marine incidents with main task, through the analysis of the considered incident, to identify the contributing factors that led to it, to draw conclusions and to issue safety recommendations to the parties involved in the marine casualty, aiming to prevent or avoid future marine accidents.

The purpose of investigating marine casualties and incidents is not the setting or apportioning of blame or liability.

This report contains data regarding the marine accidents which were reported to HBMCI at late 2012, 2013, 2014, 2015, 2016 and 2017 (until 31-12-2017).

SUMMARY

The statistics which are shown in this report on pages from 03 up to 07 are related to the casualty reports that have been made to HBMCI from 01-01-2013 until 31-12-2017.

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The following table, on pages from 08 up to 11 groups the reported casualties according to their severity, the type of ship and the place onboard where they occurred.

In the following pages, from page 12 up to page 17 there is a depiction of the marine accidents and the very serious marine accidents which have been recorded to the European Marine Casualty Information Platform (EMCIP), up to 31-12-2017.

After these statistics, there are tables on pages from 18 up to 32 which show the progress of each investigation which has been commenced by our Bureau. The tables contain a brief summary for each investigated incident and show schematically the stage which has already been completed for each investigation, in a self-explanatory way.

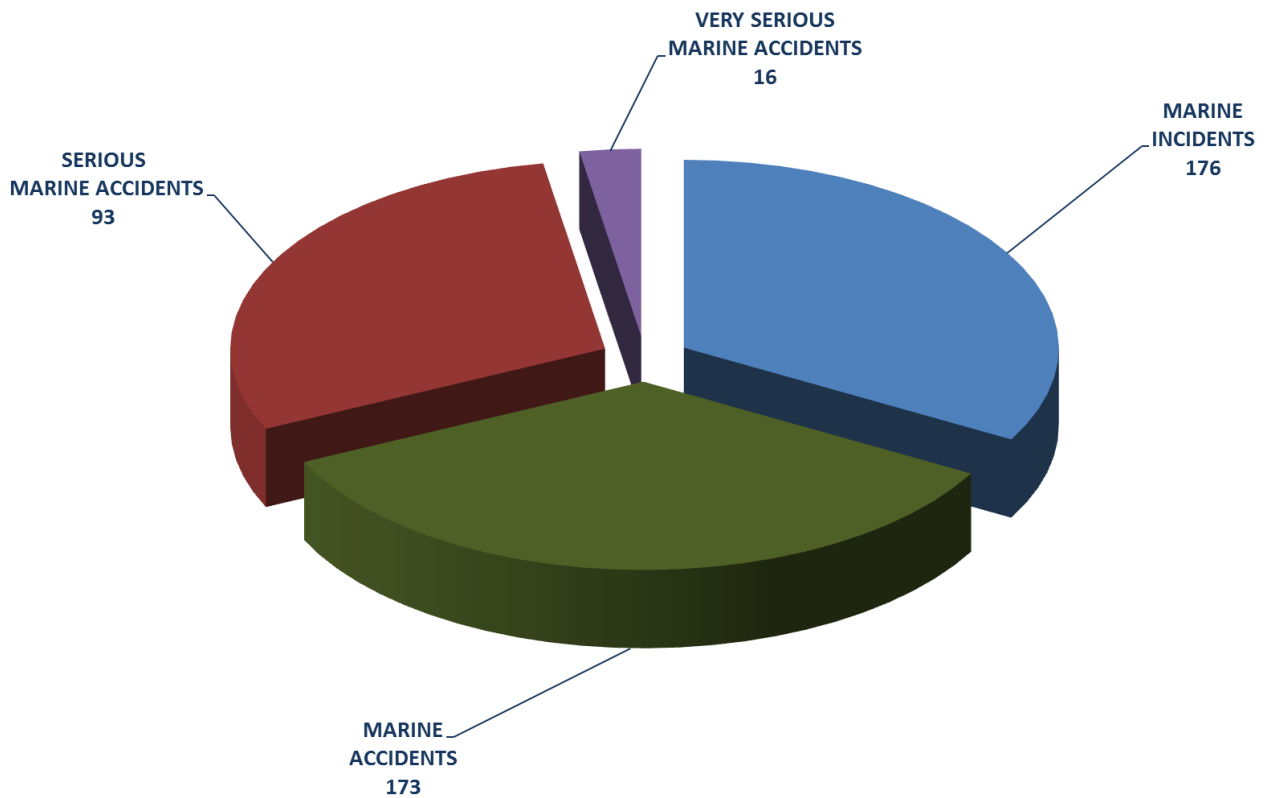
On page 33, there is an overview of HBMCI's Casualty Investigation Statistics, regarding the type of ship and the ship's Flag, for the investigations that have been commenced by our Bureau.

At the final part of the report, on pages 34-35 there are two charts showing the Safety Recommendations issued by HBMCI per year and per addressee.

HBMCI's STATISTICS FOR THE YEAR 2017

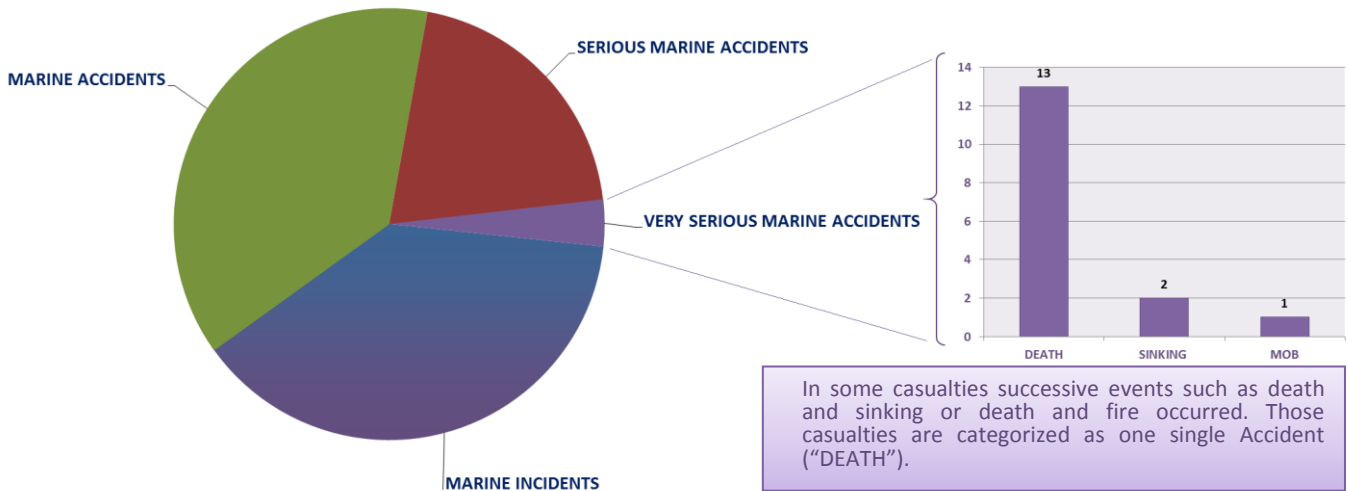
OVERVIEW OF CASUALTY REPORTS MADE TO HBMCI IN 2017¹

CASUALTIES REPORTED TO HBMCI IN 2017



Graph 2017.1: Casualties reported to HBMCI in 2017

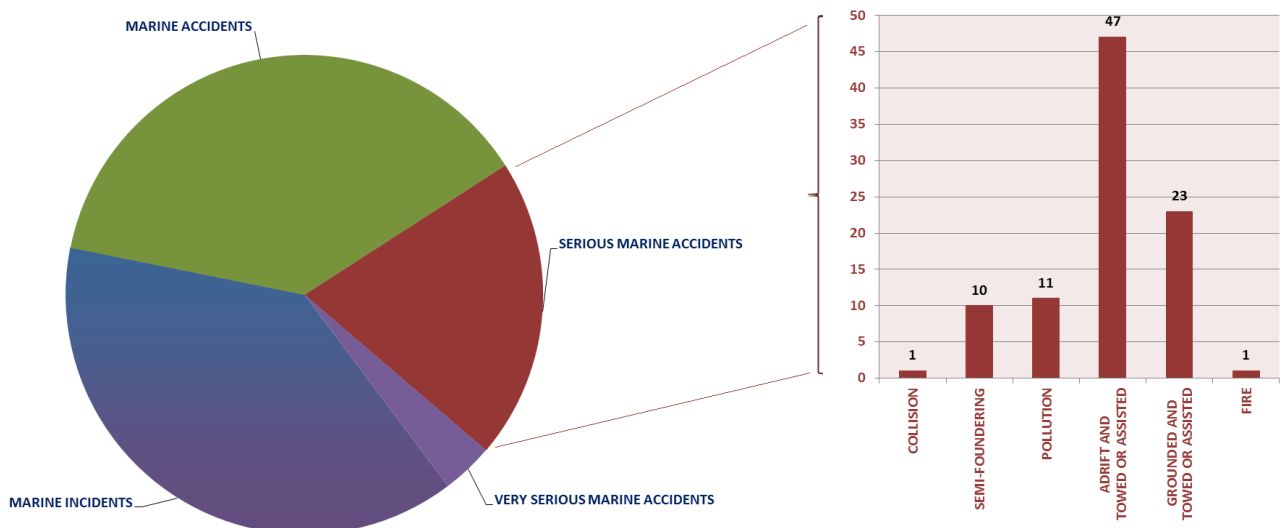
CATEGORIES OF VERY SERIOUS MARINE ACCIDENTS FOR 2017



Graph 2017.2: Categories of very serious marine accidents for 2017*

***Important notice:** The number of very serious casualties concerning loss of life is under constant review, because in cases where the reasons of death prove to be clearly pathologic (after the post-mortem report is issued), the relevant occurrences will be extracted from the scope of HBMCI.

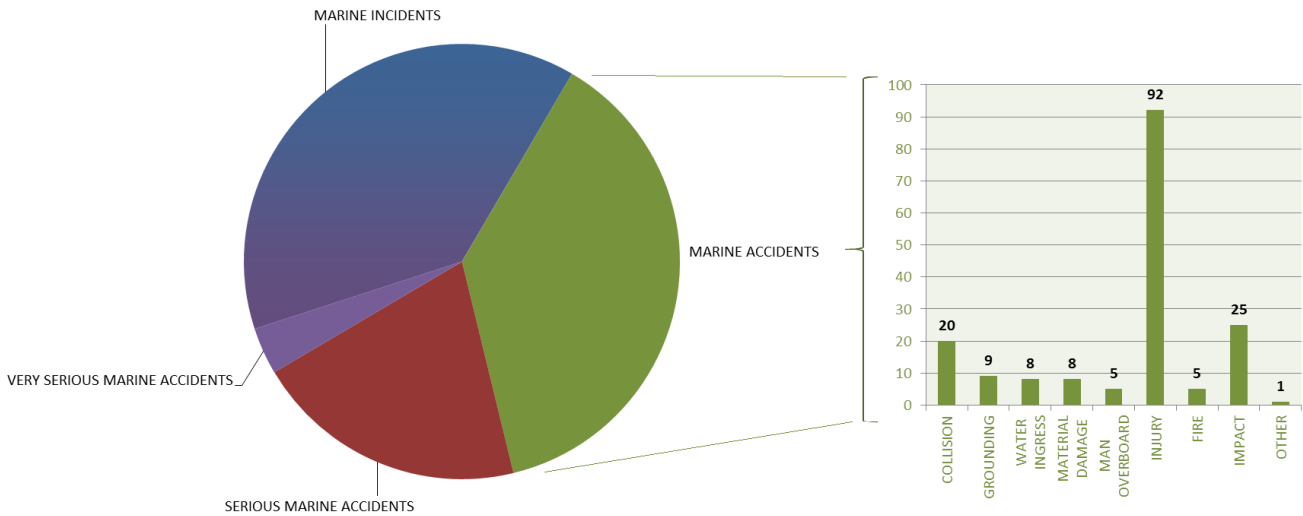
CATEGORIES OF SERIOUS MARINE ACCIDENTS FOR 2017



A casualty, for the purposes of **Marine Accidents and Incidents National Database** is categorized as "Serious Marine Accident" when from a collision, fire, etc. the damage suffered by the ship is identified or perceived as "EXTENDED" and the ship is rendered **Unseaworthy**.

Graph 2017.3: Categories of serious marine accidents for 2017

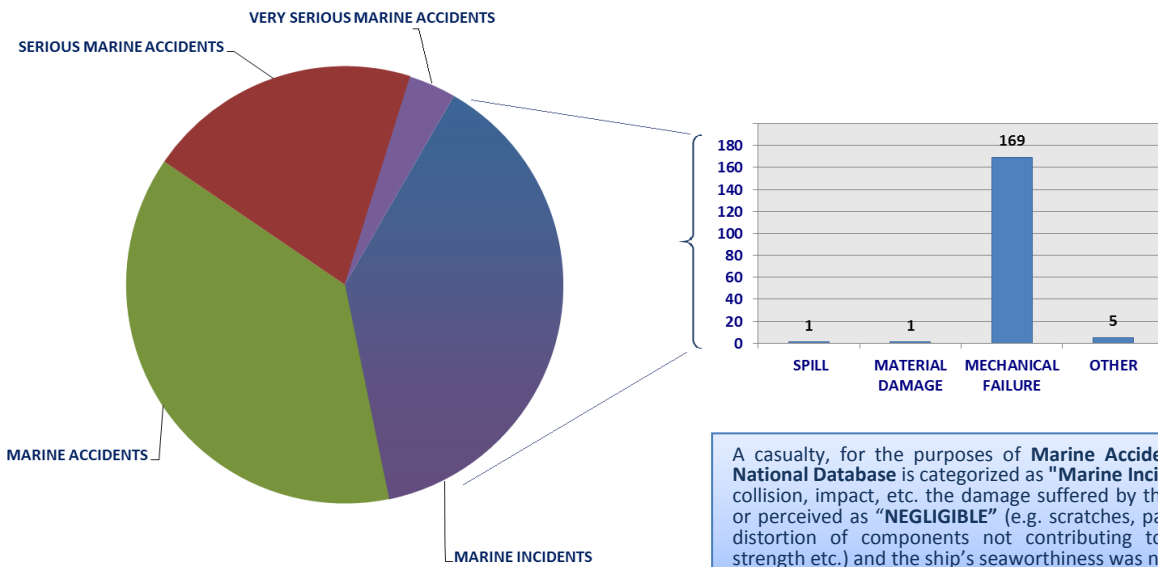
CATEGORIES OF MARINE ACCIDENTS FOR 2017



A casualty, for the purposes of **Marine Casualties and Incidents National Database** is categorized as "Marine Accident" when the damage suffered by the ship is not identified or perceived neither as "EXTENDED" nor as "NEGLIGIBLE".

Graph 2017.4: Categories of marine accidents for 2017

CATEGORIES OF MARINE INCIDENTS FOR 2017



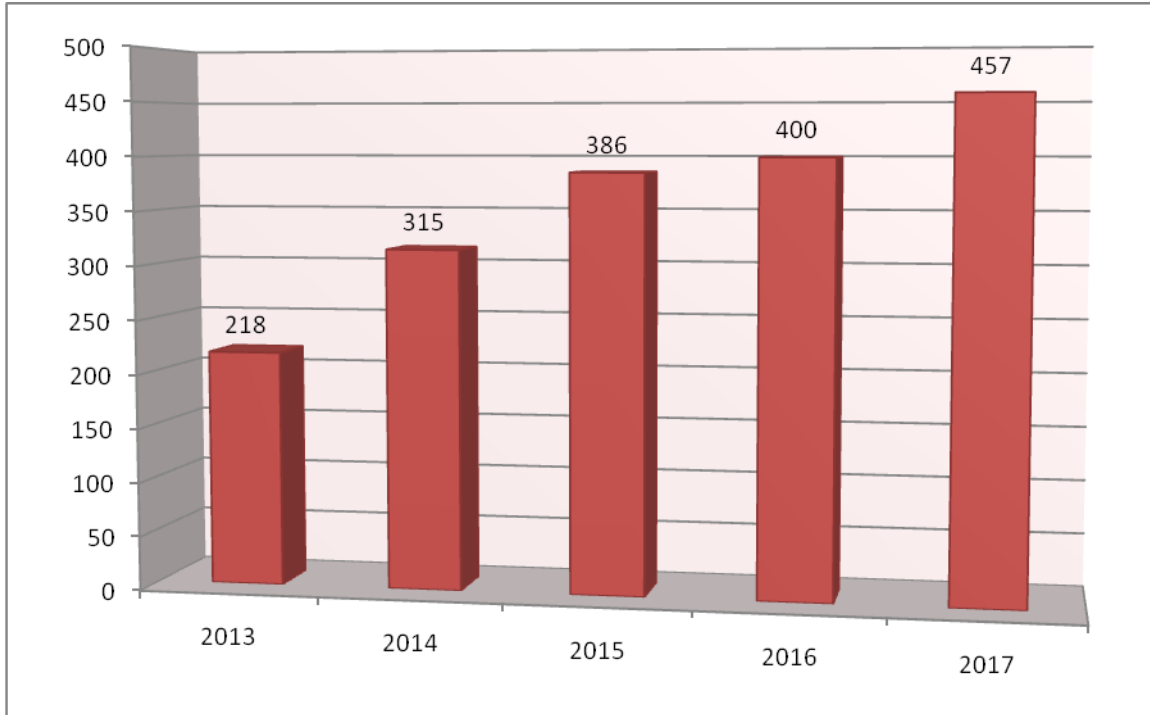
A casualty, for the purposes of **Marine Accidents and Incidents National Database** is categorized as "Marine Incident" when from a collision, impact, etc. the damage suffered by the ship is identified or perceived as "NEGLIGIBLE" (e.g. scratches, paint scraping, small distortion of components not contributing to ship's structural strength etc.) and the ship's seaworthiness was not affected.

Graph 2017.5: Categories of marine incidents for 2017

¹Classification in accordance with the definitions contained in the IMO Code for the Investigation of Marine Casualties and Incidents, as set out in paragraph A' of Annex II of Law 4033 / 2011 (A' 264)

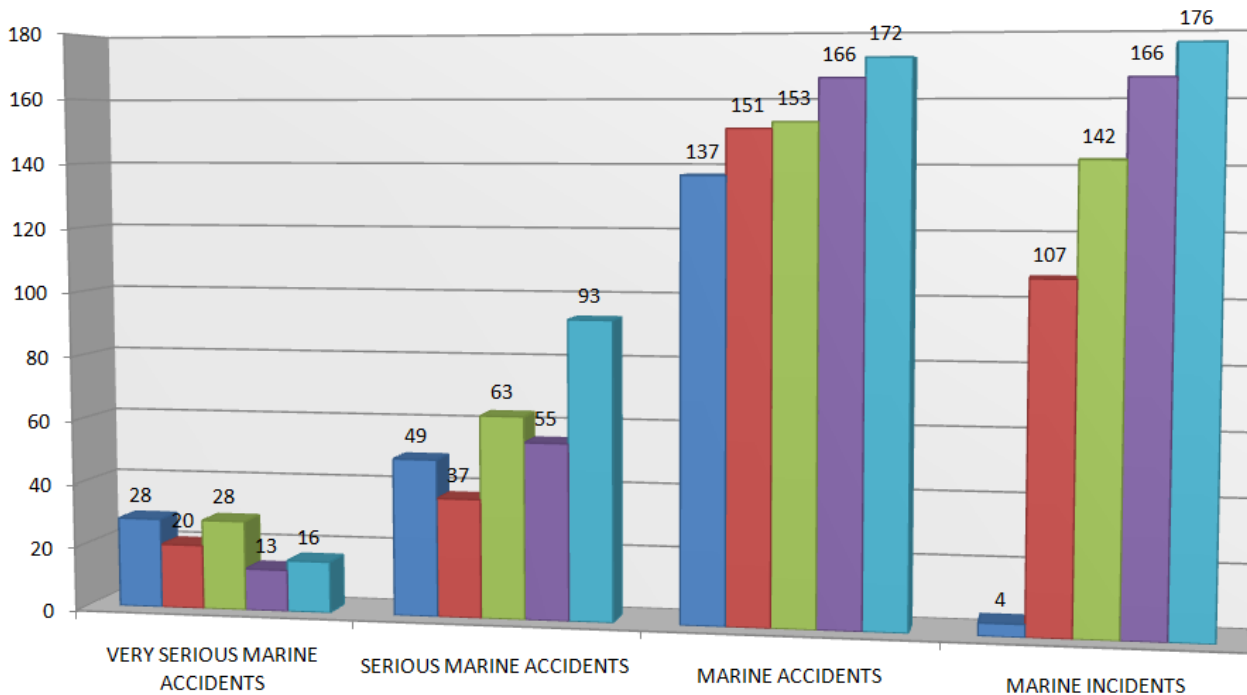
OVERVIEW OF ACCIDENTS FROM 2013 UNTIL 2017

TOTAL NUMBER OF MARINE ACCIDENTS & INCIDENTS



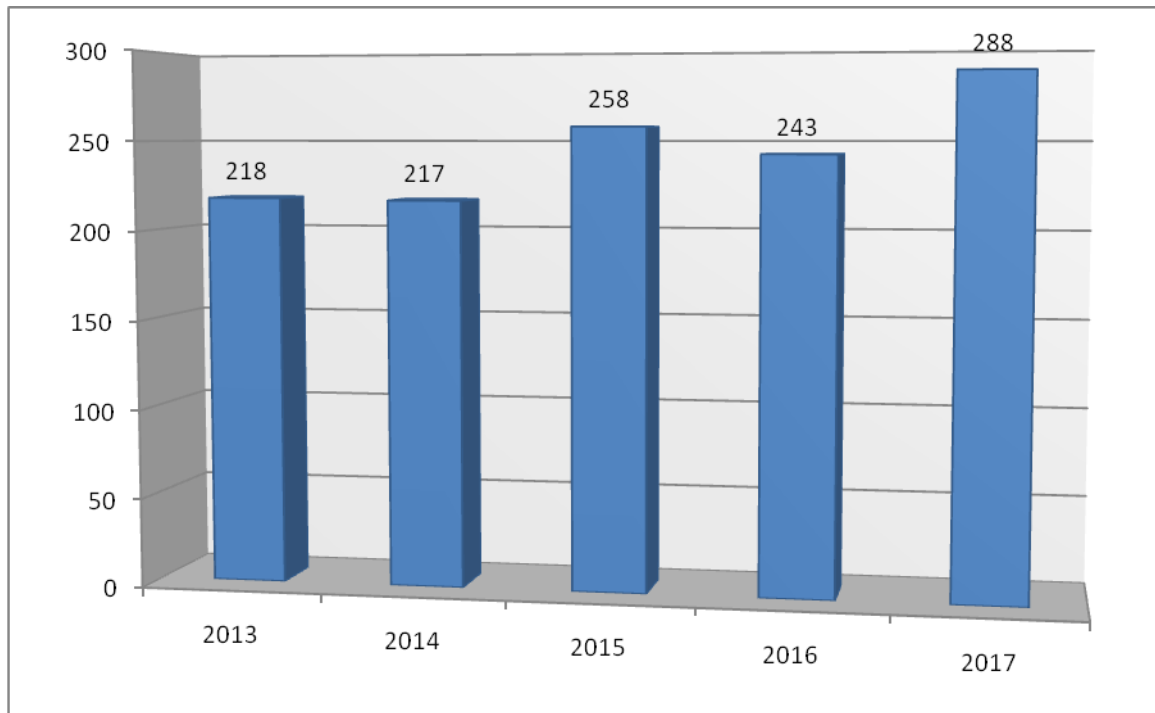
Graph 2013-2017.1: Total Number of Marine Accidents & Incidents* per year
(*Mechanical Failures have been included in the total Incidents' number)

CATEGORIES OF MARINE ACCIDENTS PER YEAR



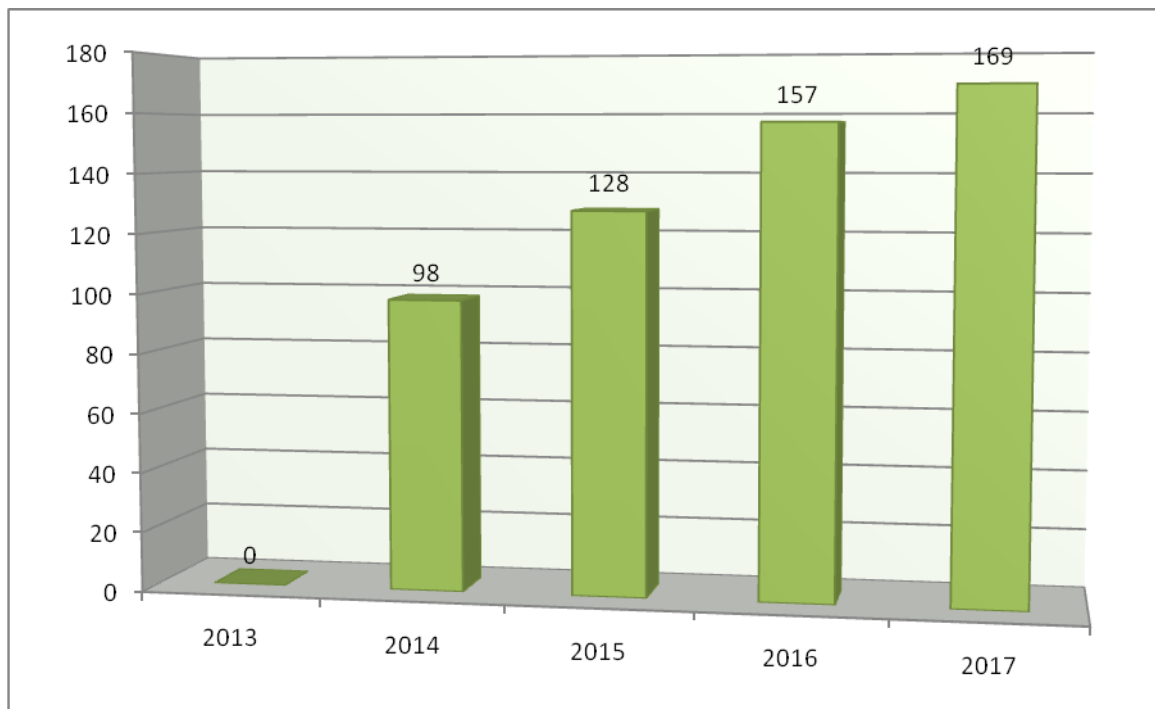
Graph 2013-2017.2: Marine Accidents & Incidents* per year
(*Mechanical Failures have been included in the total Incidents' number)

TOTAL NUMBER OF MARINE ACCIDENTS & INCIDENTS



Graph 2013-2017.3: Total Number of Marine Accidents & Incidents* per year
 (*Mechanical Failures have NOT been included in the total Incidents' number)

TOTAL NUMBER OF MECHANICAL FAILURES PER YEAR





Graph 2013-2017.4: Total Number of Mechanical Failures per year (there were no records available for 2013)


CASUALTIES AS PER TYPE OF SHIP / PLACE ON BOARD


Source: EMCIP stats for HBMCI as Investigation Body or Interested Authority



- NOTES:**
- * Casualty may refer to damage to ship or material, injury, death, pollution, etc.
 - * Time period extends from **01-01-2011** to **31-12-2017**.
 - * One occurrence may include casualties in more than one space.
 - * Casualty severity derives from EMCIP definitions.

Ship / craft type	Place on board	Number of casualties	Casualty severity			
			Very serious	Serious	Less serious	Marine incident
 <p>Cargo ship (all types)</p>	Accommodation (other spaces)	1				1
	Aft peak tank	0				
	Aloft	1	1			
	Ashore	2		1	1	
	Ballast tank	0				
	Bathroom, shower, toilet	1			1	
	Boat deck	32		7	7	18
	Boiler room	3		1	1	1
	Bridge	6		1		5
	Bridge deck	27	1	2		24
	Bulbous	12	1	6	5	
	Bunker tank	0				
	Cabin space - crew	6		3	1	2
	Cargo & tank areas - Aft peak tank	1			1	
	Cargo & tank areas - Ballast tank	20	2	7	8	3
	Cargo & tank areas - Bunker tank	8	1	4	1	2
	Cargo & tank areas - Cargo hold	44	7	11	4	22
	Cargo & tank areas - Cargo tank	10		6		4
	Chain locker	9		2	1	6
	Closed deck cargo space	4	1		1	2
	Cofferdam/void space	1		1		
	Compressor room	1		1		
Corridor	1			1		
Engine room/ control room/ space	219	7	71	105	36	
Forecastle/Forecastle deck	17	1	1	4	11	
Forepeak tank	14	3	6	1	4	

Ship / craft type	Place on board	Number of casualties	Casualty severity			
			Very serious	Serious	Less serious	Marine incident
 <p>Cargo ships (all types)</p>	Freeboard deck	11		3	1	7
	Galley spaces/mess room/day room	14			1	13
	Gangway	11		1	2	8
	Keel	3	1	2		
	Laundry	3			1	2
	Open deck cargo space	33	1	3	3	26
	Other space	222	6	36	93	87
	Over side	14	1	4	9	
	Poop deck	10		2	3	5
	Propeller/rudder/thruster	12	2	7	3	
	Pump room	4		2	1	1
	Slop/residues tank	3		1	2	
	Stairs/ladders	33		6	8	19
	Steering gear room	4			2	2
	Superstructure deck	1				1
	Vehicle cargo space	2	1	1		
	Wheelhouse	1			1	
Workshop / stores	1				1	

Ship / craft type	Place on board	Number of casualties	Casualty severity			
			Very serious	Serious	Less serious	Marine incident
 <p>Fishing vessels</p>	Boat deck	7		3	4	
	Boiler room	0				
	Bridge deck	9		4	5	
	Bulbous	5	1	2	2	
	Bunker tank	1			1	
	Cabin space - crew	2		2		
	Compressor room	0				
	Engine room/ control room	59	2	44	13	
	Forecastle/Forecastle deck	0				
	Freeboard deck	2		1	1	
	Galley spaces/mess room/day	5		3	2	
	Gangway	1			1	
	Keel	1		1		
	Other	58	4	25	29	
	Over side	14	3	6	5	
	Poop deck	1			1	
	Propeller/rudder/thruster	11		6	5	
	Pump room	2		2		
	Steering gear room	5		5		
	Superstructure deck	1		1		
Wheelhouse	4		3	1		
Tunnel / duct keel	1		1			

Ship / craft type	Place on board	Number of casualties	Casualty severity			
			Very serious	Serious	Less serious	Marine incident
 Passenger Ships (all types)	Accommodation (other spaces)	11		5	6	
	Ashore	1				1
	Auxiliary engine room	2		2		
	Ballast tank	1		1		
	Bathroom, shower, toilet	5		1	4	
	Boat deck	14		3	11	
	Boiler room	4		1	3	
	Bridge deck	5		1	4	
	Bulbous	9		1	8	
	Bunker tank	1		1		
	Cabin space - crew	4		3	1	
	Cabin space - passengers	8	1	3	4	
	Chain locker	7			7	
	Closed deck cargo space	3			3	
	Cofferdam/ void space	2		1	1	
	Corridor	4			4	
	Engine room/ Control Room/department	313	1	58	253	1
	Forecastle/Forecastle deck	1			1	
	Forepeak tank	2			2	
	Freeboard deck	5		1	4	
	Galley spaces/mess room/day room	7	1		6	
	Gangway	67		14	53	
	Keel	3		2	1	
	Open deck cargo space	1		1		
	Other	198	7	46	143	2
	Over side	19	2	4	12	1
	Poop deck	3		2	1	
	Propeller/rudder/thruster	80		19	61	
	Pump room	2		2		
	Restaurant/Bar	6		1	5	
	Ro-Ro vehicle deck ramp	10	1	1	8	
	Stairs/ladders	55		10	45	
	Steering gear room	15		8	7	
Superstructure deck	4	2		2		
Tunnel / duct keel	5		3	2		
Vehicle cargo space	17	1	8	8		
Wheelhouse	2		1	1		
Workshop / stores	2		1	1		

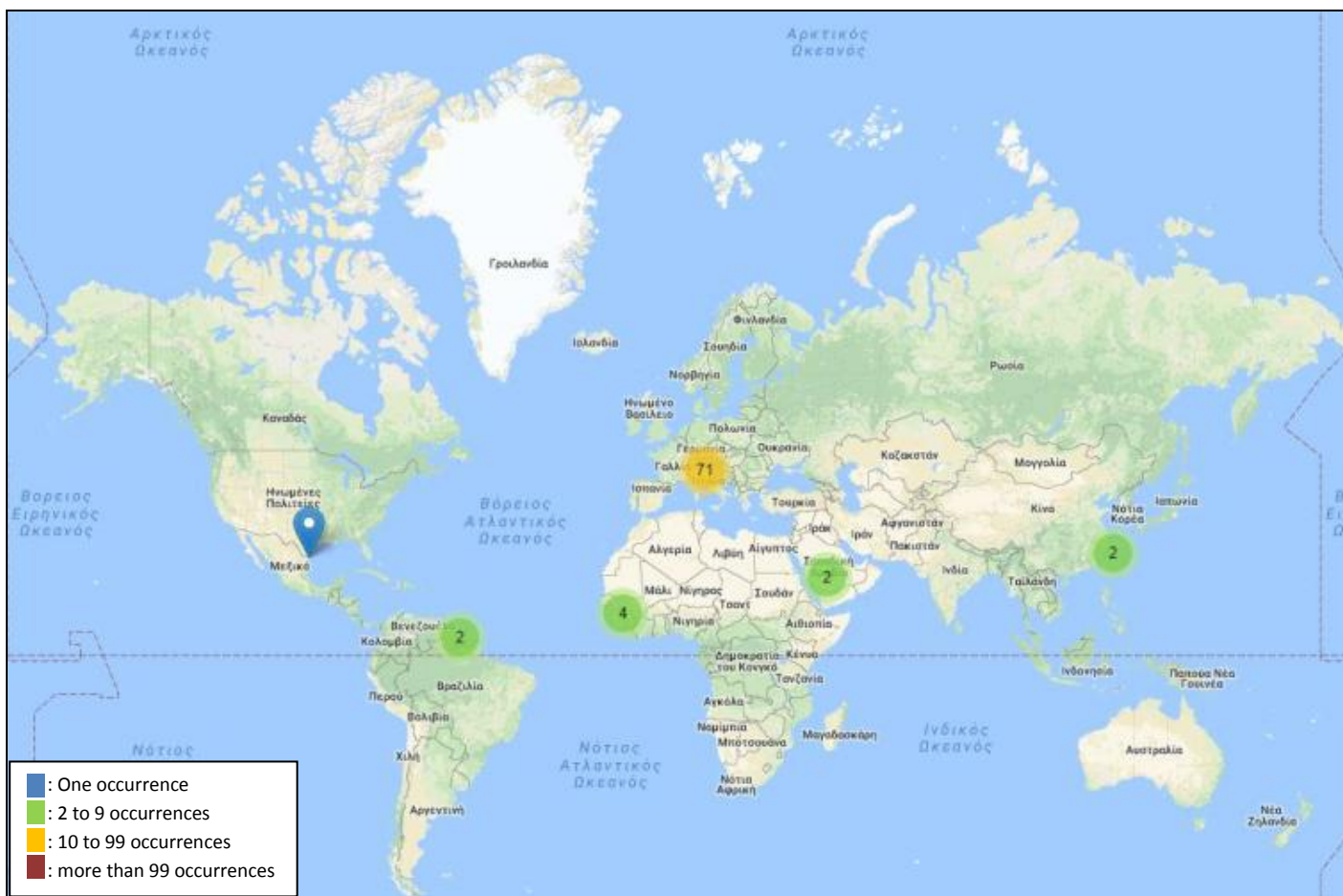
Ship / craft type	Place on board	Number of casualties	Casualty severity			
			Very serious	Serious	Less serious	Marine incident
 Recreational crafts	Accommodation (other spaces)	1			1	
	Ashore	1	1			
	Boat deck	1			1	
	Cabin space - passengers	4		2	2	
	Engine room/department	7	2	3	2	
	Freeboard deck	1			1	
	Gangway	3			3	
	Other	22		7	15	
	Over side	4	1	1	2	
	Propeller/rudder/thruster	2	1	1		
	Stairs/ladders	1			1	
	Tunnel / duct keel	1		1		
 Service vessels	Accommodation - Cabin space	1			1	
	Boat deck	8		4	4	
	Bridge deck	2		2		
	Cabin space - crew	0				
	Engine room/space	13		4	9	
	Freeboard deck	1	1			
	Open deck cargo space	0				
	Ballast tanks	1			1	
	Other	19		5	14	
	Over side	1	1			
	Propeller/rudder/thruster	6		4	2	
	Steering gear room	1			1	
	Superstructure deck	1		1		
TOTAL		2006	70	548	1075	318

MARINE ACCIDENTS (except very serious) worldwide¹ (Source: EMCIP, 31-12-2017)



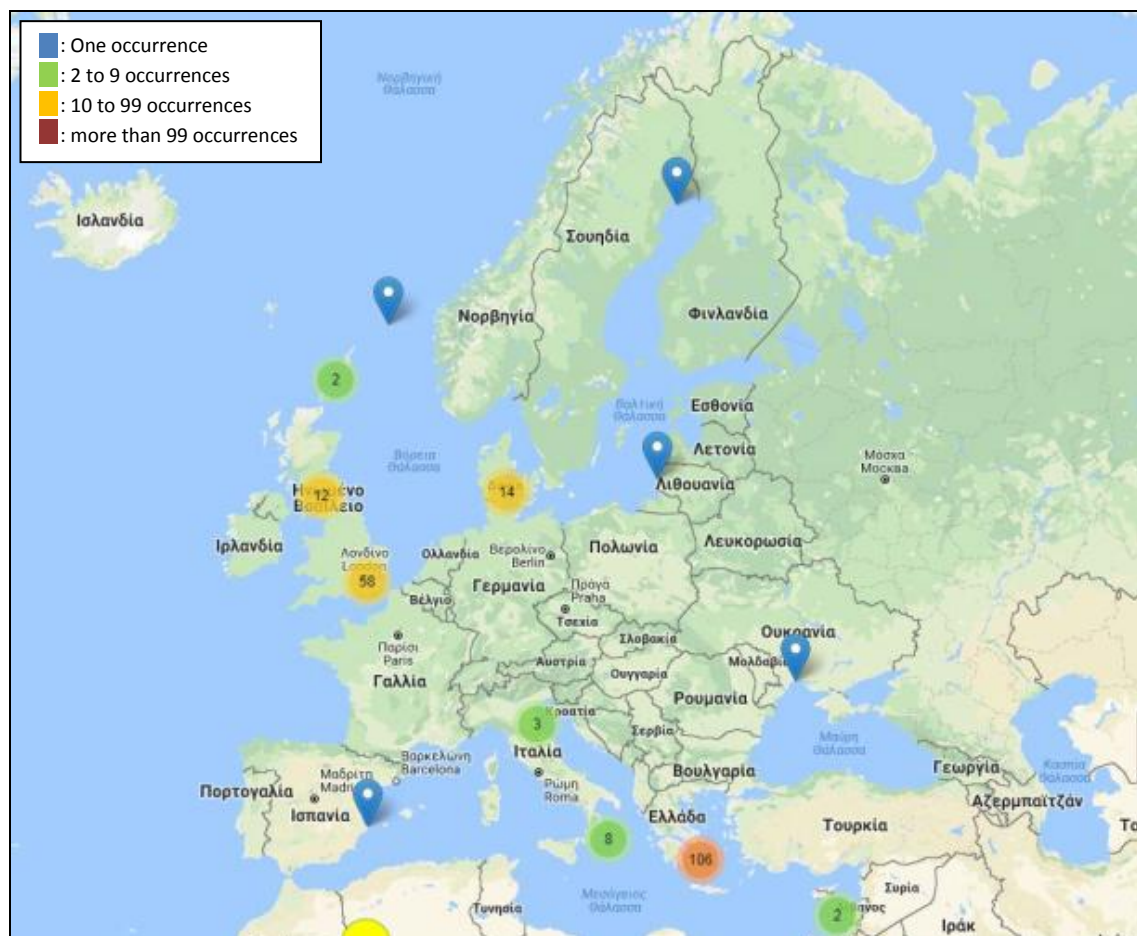
¹ Google Maps are used for depicting. The mapped occurrences are concerning the time period 2011 until 31/12/2017 and are under the scope of HBMCi (concerning ships with Greek flag, with Greek seamen on board, passing through Greek territorial waters, or establishing Greece as an interested State in any other way).

VERY SERIOUS MARINE ACCIDENTS Worldwide² (Source: EMCIP, 31-12-2017)



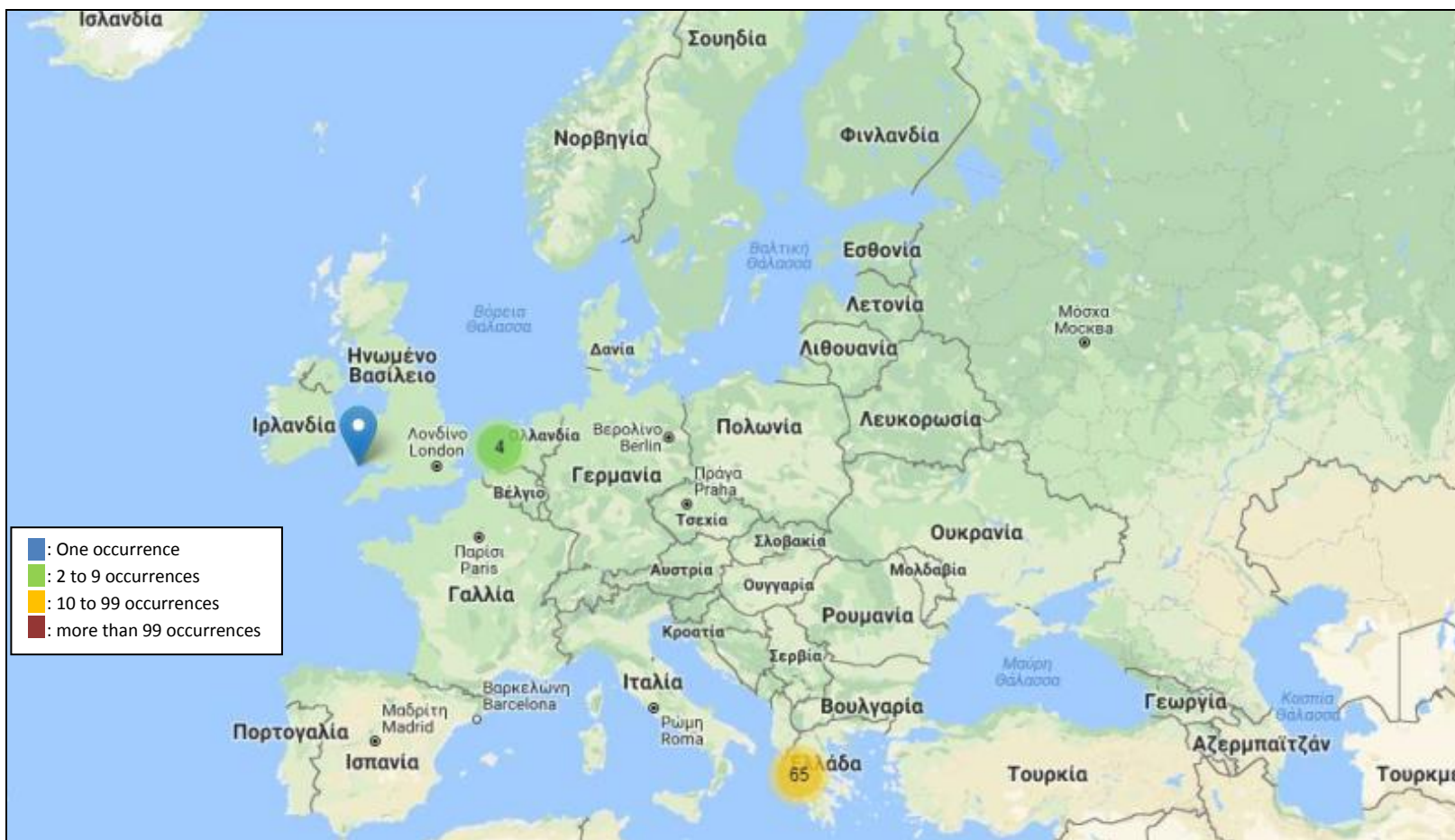
² Google Maps are used for depicting. The mapped occurrences are concerning the time period 2011 until 31/12/2017 and are under the scope of HBMCi (concerning ships with Greek flag, with Greek seamen on board, passing through Greek territorial waters, or establishing Greece as an interested State in any other way).

MARINE ACCIDENTS (except very serious) in European territory³ (Source: EMCIP, 31-12-2017)



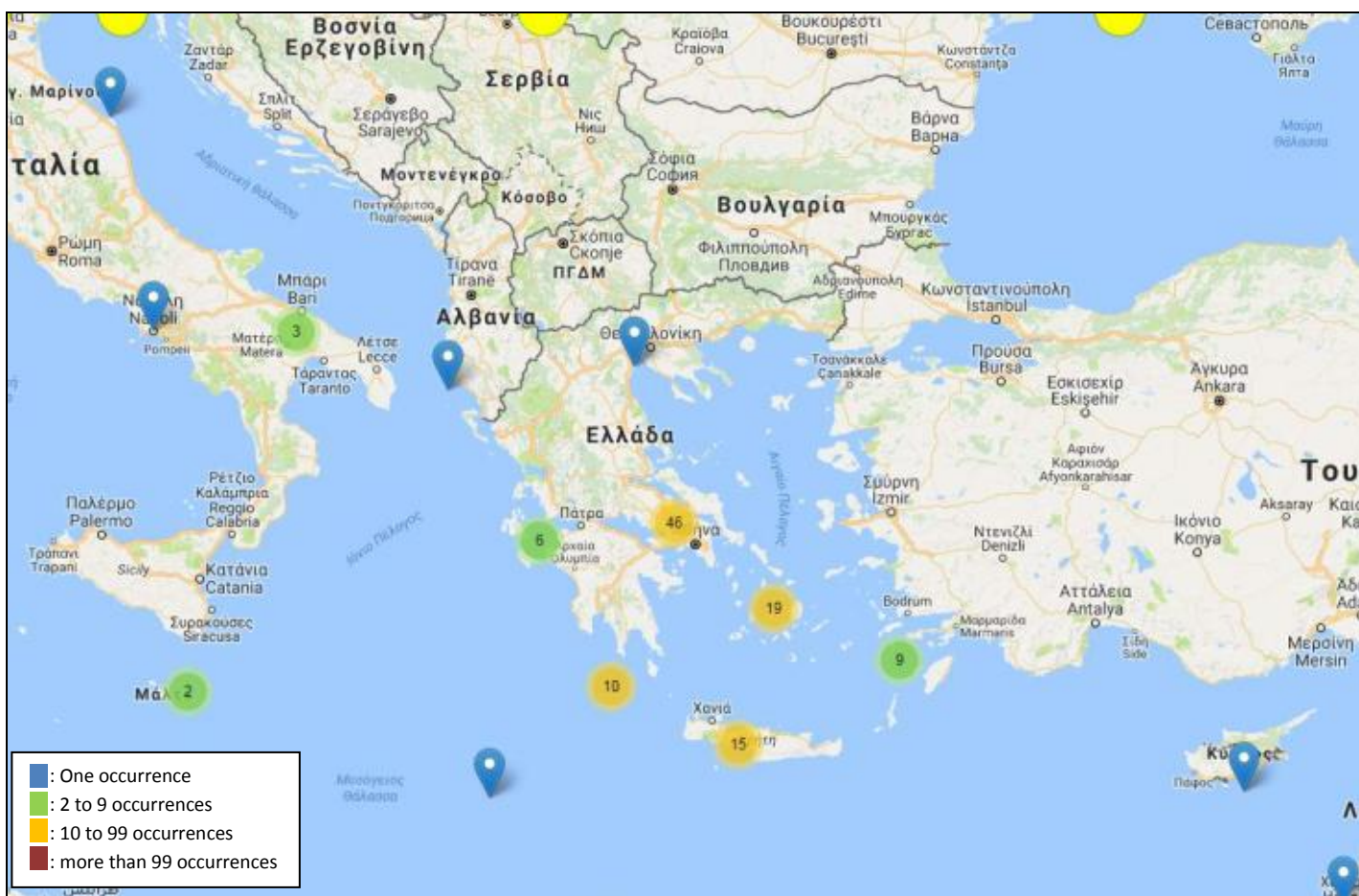
³ Google Maps are used for depicting. The mapped occurrences are concerning the time period 2011 until 31/12/2017 and are under the scope of HBMC (concerning ships with Greek flag, with Greek seamen on board, passing through Greek territorial waters, or establishing Greece as an interested State in any other way).

VERY SERIOUS MARINE ACCIDENTS in European territory⁴ (Source: EMCIP, 31-12-2017)



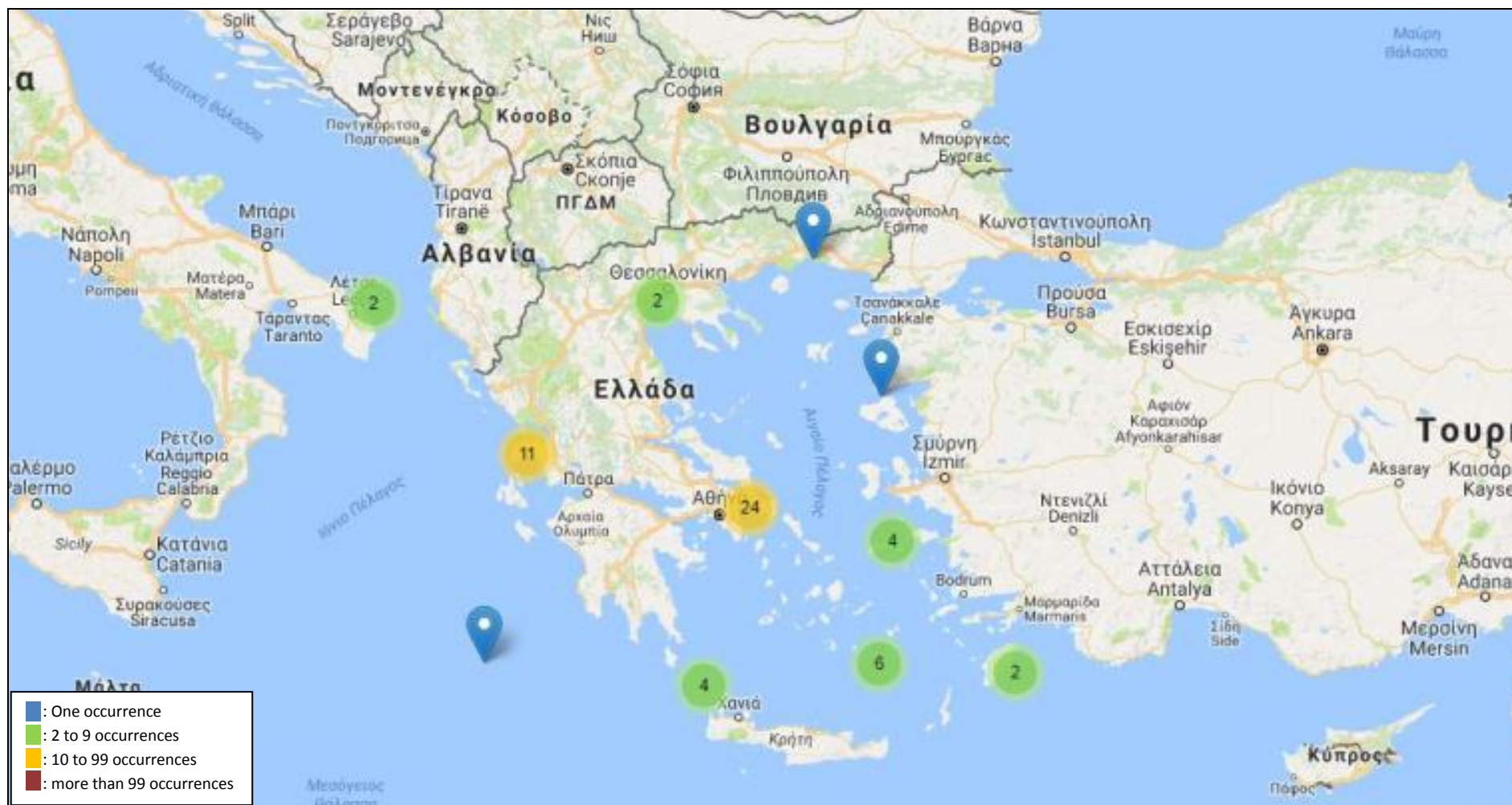
⁴ Google Maps are used for depicting. The mapped occurrences are concerning the time period 2011 until 31/12/2017 and are under the scope of HBMRI (concerning ships with Greek flag, with Greek seamen on board, passing through Greek territorial waters, or establishing Greece as an interested State in any other way).

MARINE ACCIDENTS (except very serious) in Greek territory ⁵ *(Source: EMCIP, 31-12-2017)*



⁵ Google Maps are used for depicting. The mapped occurrences are concerning the time period 2011 until 31/12/2017 and are under the scope of HBMCI (concerning ships with Greek flag, with Greek seamen on board, passing through Greek territorial waters, or establishing Greece as an interested State in any other way).









VERY SERIOUS MARINE ACCIDENTS in Greek territory⁶ *(Source: EMCIP, 31-12-2017)*



⁶ Google Maps are used for depicting. The mapped occurrences are concerning the time period 2011 until 31/12/2017 and are under the scope of HBMCI (concerning ships with Greek flag, with Greek seamen on board, passing through Greek territorial waters, or establishing Greece as an interested State in any other way).





INVESTIGATIONS' PROGRESS











At the following tables, the investigations' progress is displayed, for marine accidents which occurred from 19/11/2012 up to end of 2017.

INVESTIGATIONS' PROGRESS (2013)								
Last update: 31-12-2017		INVESTIGATION PROCESS (Stages marked have been completed)						
No	OCCURRENCE	DATE OF OCCURRENCE	INVESTIGATION COMMENT/ INVESTIGATORS AD HOC	COLLECTING DATA	ANALYSIS	REPORT PRODUCING (DRAFT)	CONSULTATION OF DRAFT REPORT/ PUBLICATION OF FINAL REPORT	INTERIM REPORT*
1	 FIRE ON BOARD Ro-Pax KRITI II	19/11/2012	At the fore part of the main garage of Ro-Pax "KRITI II", while on voyage from Venice to Patras, carrying 87 crew and 113 passengers and almost 4 nm before Patras port, there was a fire which could not be extinguished with by the use of her "drencher" system or by the emergency teams. The vessel berthed by own means and the passengers evacuated through the side ramp. The fire was extinguished by the fire brigade at the port.					
2	 FOUNDERING OF TUG BOAT ARTEMIS V FROM M/V JSM	20/02/2013	T/B ARTEMIS V assisted the unberthing procedure of M/V JSM at Kiato port. During her maneuvering, JSM used her propulsion while the towline had not been released by ARTEMIS V and that resulted to the Tugboat's progressive heeling over and foundering. Her Skipper did not manage to abandon and drowned.					
3	 DEATH OF SEAMAN AFTER FALLING OVERBOARD PASSENGER-LAUNCH VAGGELIO	25/02/2013	At the anchorage of Elefsis port, shortly after the Cook of M/T "EVIAPETROL I" had boarded the Passenger-Launch "VAGGELIO" for his disembarkation, he lost his balance and fell overboard. His body was recovered after approximately 20 mins and transported to the nearest Hospital where he was pronounced dead.					
4	 FOUNDERING OF BARGE AGIOS DIONYSIOS	02/03/2013	While the barge "AGHIOS DIONYSIOS" was in an aquaculture area at Alikes Kitrous, Katerini, she listed rapidly and foundered, due to the ingress of water inside her engine room by openings at her stern for the exhaust gases and the rudder mechanism. All persons onboard were recovered by a nearby vessel and transported safely to the shore. The barge was also recovered and repaired after the accident.					
5	 DEATH OF SEAMAN ON BOARD PASSENGER SHIP NORWEGIAN JADE	08/03/2013	During the mooring operations of Cruise Ship "NORWEGIAN JADE" at Katakolo port, a forward spring line parted and snapped back hitting an A/B Seaman who was on the mooring platform and throwing him overboard. His injuries had been fatal and his body was recovered from the sea bed a few hours later by Coast Guard divers.					



No	OCCURRENCE	DATE OF OCCURRENCE	INVESTIGATION COMMENCEMENT/ INVESTIGATORS AD HOC	COLLECTING DATA	ANALYSIS	REPORT PRODUCING (DRAFT)	CONSULTATION OF DRAFT REPORT/ PUBLICATION OF FINAL REPORT	INTERIM REPORT*
6	 <p>COLLISION OF M/V PIRIREIS AND M/V CONSOUTH</p>	29/04/2013	<p>On 29 April 2013 at 04:43 M/V "CONSOUTH" and M/V "PIRIREIS" collided in open sea approximately 82 nm WSW of Sapientza Islet. M/V "PIRIREIS" was foundered and ten of her crew members were lost.</p>					
7	 <p>INJURY OF SEAMAN ON BOARD Ro-Pax NISOS KEFALLONIA</p>	17/05/2013	<p>While Ro-Pax "NISOS KEFALLONIA" was moored at Argostoli port, during his attempt to move a rope tied to a rubber fender, a seaman was injured at his left thumb and was transported to the local hospital for medical care.</p>					
8	 <p>IMPACT OF M/T MANTOUDI ON THE PIER</p>	01/06/2013	<p>During the approach of M/T "MANTOUDI" towards the Cruise ship "SEABOURN SPIRIT", due to a malfunction of the engine controls of "MANTOUDI", she contacted the Cruise vessel and then collided with the pier, sustaining cracks and bucklings at her fore part. No injury was reported.</p>					
9	 <p>FIRE ON BOARD Ro-Pax NISOS MYKONOS</p>	14/06/2013	<p>During her passage towards Karlovasi port, Samos, a fire inside the funnel of Ro-Pax "NISOS MYKONOS" started. The vessel's permanent CO2 fire extinguishing system was used and the fire was extinguished almost one hour after it started. The passengers onboarded another passenger vessel for safety reasons and "NISOS MYKONOS" was towed to the port.</p>					
10	 <p>COLLISION OF M/V BARU SATU AND M/V KATHERINE</p>	04/07/2013	<p>On 04 July 2013 at 02:48 M/V "BARU SATU" and M/V "KATHERINE" collided, approximately 8,2 nm SW of Andros Island. Weather conditions were reported to be good. Both vessels remained collided and afloat until 07 July when "BARU SATU" sailed under towage to Elefsis Gulf and KATHERINE was towed to Lavrio Port.</p>					
11	 <p>DEATH OF TRUCK DRIVER ON BOARD Ro-Pax SORRENTO</p>	10/07/2013	<p>On 09 July 2013, while Ro-Pax "SORRENTO" was under voyage from Brindisi port to Igoumenitsa port, a truck driver was found dead at the permanent external car ramp on the port side, which leads to the upper car deck. The brake of a truck cab had been accidentally released and the truck ran over and violently trapped the victim between two vehicles, causing his immediate death.</p>					










No	OCCURRENCE	DATE OF OCCURRENCE	INVESTIGATION COMMENCEMENT/ INVESTIGATORS AD HOC	COLLECTING DATA	ANALYSIS	REPORT PRODUCING (DRAFT)	CONSULTATION OF DRAFT REPORT/ PUBLICATION OF FINAL REPORT	INTERIM REPORT*
12	 DEATH OF 3 rd ENGINEER ON BOARD M/V CAPTAIN PETROS H	23/08/2013	<p>On 23 August 2013, while M/V "CAPTAIN PETROS H" was at anchorage at Ponta Da Madeira, Brazil, during the cleaning of vessel's Waste Oil Settling Tank, the 3rd Engineer was covered with hot oily residuals and sustained burns which caused his death at Sao Luis (Brazil) hospital on 04 September 2013.</p>					
13	 DEATH OF VISITOR ON BOARD Ro-Pax NISOS RODOS	24/09/2013	<p>On 24 September 2013, during the provision process of Ro-Pax "NISOS RODOS" with fresh water by a tank truck inside her garage, the co-driver of the truck slipped on his attempt to climb on top of its tank, fell on the deck and sustained severe head injuries which caused his death, according to the forensic medical report.</p>					
14	 FOUNDERING OF M/V STELLA	02/11/2013	<p>On 02 November 2013, M/V "STELLA" impacted on the rocky coast of the islet of Astakida (18 nm W of Carpathos island) and foundered near that position, approximately 30 minutes after the impact. 5 seamen managed to abandon the vessel using a liferaft and were recovered by a HCG helicopter and transferred to Rhodes island. The vessel's Master died and his body was found at a coast of Thira island on 11 November 2013.</p>					
15	 IMPACT OF PASSENGER SHIP MSC MAGNIFICA ON THE DOCK	20/11/2013	<p>While MSC MAGNIFICA was entering Piraeus port escorted by a tug, due to wind gusts her port bow impacted on the breakwater and on the concrete round red light hut. A crack on her port side over the waterline was created as well as scratches and deformations under the waterline. No injury, water ingress or pollution were reported.</p>					
16	 FOUNDERING OF M/V NOUR M	11/12/2013	<p>M/V "NOUR M" was moored at a Rhodes island port. Due to heavy weather the fore mooring lines parted and the vessel contacted continuously with the pier, which resulted to her foundering. No pollution was reported.</p>					
17	 GROUNDING OF M/T ALIAKMON	13/12/2013	<p>On 13 December 2013, M/T ALIAKMON grounded 1,5 nm SE of Ermoupolis port, Syros, on a sandy coast. None of the 23 crew members was injured. No water ingress or pollution was reported, either. The vessel was detached with the assistance of 2 tugs and berthed at Syros' shipyards.</p>					

No	OCCURRENCE	DATE OF OCCURRENCE	INVESTIGATION COMMENCEMENT/ INVESTIGATORS AD HOC	COLLECTING DATA	ANALYSIS	REPORT PRODUCING (DRAFT)	CONSULTATION OF DRAFT REPORT/ PUBLICATION OF FINAL REPORT	INTERIM REPORT*
18	 <p>GROUNDING OF PASSENGER-HYDROFOIL FLYING DOLPHIN XVII ON AN ISLET</p>	18/12/2013				<p>On 18 December 2013, Passenger Hydrofoil "FLYING DOLPHIN XVII", while on voyage from Hydra island to Poros island with 29 passengers onboard, grounded at the sea area of Tselevinia islets. All passengers were transported at Galatas port by passenger launches and no injury was reported. The vessel was detached and sailed by own means to Poros port, escorted by a HCG patrol craft.</p>		
19	 <p>DEATH OF SEAMAN ON BOARD C/V EVER URBAN</p>	26/12/2013				<p>On 26 December 2013, while C/V "EVER URBAN" was approximately 35 nm W of Katakolo port, her Master reported that a Seaman needed to be hospitalized due to a fracture of his lower limb. The Seaman was transported unconscious by a Tugboat to Katakolo port and from there to a local hospital where he was pronounced dead.</p>		

INVESTIGATIONS' PROGRESS (2014)									
No	OCCURRENCE	DATE OF OCCURRENCE	INVESTIGATION COMMENCEMENT/ INVESTIGATORS AD HOC	COLLECTING DATA	ANALYSIS	REPORT PRODUCING (DRAFT)	CONSULTATION OF DRAFT REPORT/ PUBLICATION OF FINAL REPORT	INTERIM REPORT*	
1	 GROUNDING OF C/V YUSUF CEPNIOGLOU ON MYCONOS	08/03/2014	C/V "YUSUF CEPNIOGLOU" which had departed from Smyrni, Turkey for Bizerte, Tunisia, grounded on the N coast of Mykonos island. A number of the 204 containers she was carrying fell overboard and the vessel suffered a total loss. All hull parts were completely removed by the area by a salvage group on 23 September 2014.						
2	 DEATH OF TECHNICIAN AFTER FALLING OVERBOARD LAUNCH BOAT "DRAKON TAXIARCHIS"	11/04/2014	On 11 April 2014, during a workshop member's attempt to disembark M/T "ROYAL OAK", at Piraeus port anchorage and embark the passenger launch "DRAKON TAXIARCHIS", he fell overboard and lost consciousness. He was recovered and transported to a hospital where he was pronounced dead.						
3	 FOUNDERING OF M/V AGIA MARINA	24/04/2014	On 24 April 2014, M/V "AGIA MARINA" while sailing at the sea area 30 nm W of Crete island carrying 06 trucks, was foundered due to water ingress at her ballast tanks, as stated by the crew members who were recovered. 04 crew members were recovered and 03 crew members (the Master, the Electrician and the Motorman) were reported missing.						
4	 EXPLOSION ON BOARD M/V NAKHODKA	26/04/2014	On 26 April 2014 M/V "NAKHODKA" was berthed at port facilities at Amaliapolis, Volos, when there was an explosion at the bow followed by fire, which caused the serious injury of vessel's 1 st Engineer and 3 rd Engineer. The fire was extinguished by a Fire Brigade squad. The 1 st Engineer died on 23 May 2014, at the hospital where he had been transported.						
5	 GROUNDING OF Ro-Pax PREVELIS ON ISLET	03/05/2014	On 03 May 2014 Ro-Pax "PREVELIS" carrying 190 passengers and 75 crew members grounded on Aspronisi islet, at Santorini. No injury was reported, neither water inflow. The vessel was detached by own means and arrived at Athini port for survey.						





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6	 <p>EXPLOSION ON BOARD FLOATING SEPARATOR TASOS II</p>	17/06/2014						
7	 <p>DEATH OF SEAMAN ON BOARD TUG BOAT MEGAS ALEXANDROS</p>	25/08/2014						
8	 <p>GROUNDING OF M/V INCE INEBOLU ON ASTYPALAI</p>	05/09/2014						
9	 <p>GROUNDING OF Ro-Pax EUROPALINK ON ISLET</p>	21/09/2014						
10	 <p>FIRE ONBOARD Ro-Pax IERAPETRA L</p>	29/11/2014						
11	 <p>DEATH OF BOSUN ONBOARD M/V PANORIA</p>	01/12/2014						










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12	 <p>GROUNDING AND FOUNDERING OF FISHING VESSEL AGIA MARINA AT LESVOS ISLAND</p>	21/12/2014	<p>While the fishing vessel was returning to her port destination at Molyvos, Lesvos, Greece and the prevailing wind was NW 6-7 Bft, a malfunction of the power unit of the steering system rendered the vessel rudderless. She grounded at the rocky coast of Cape "Kseres". All 5 persons on board abandoned the vessel and swam to the coast. A few hours later the vessel was foundered.</p>					
13	 <p>DEATH OF PASSENGERS FOLLOWING A FIRE ONBOARD Ro-Pax NORMAN ATLANTIC**</p>	28/12/2014	<p>**Lead Investigating Member State: Italy After 4 hours from the departure from Igoumenitsa and while the ship was underway for Ancona, Italy a fire inside her garage was detected. After almost 15' the propulsion was stopped and 15' later a black out occurred. An Abandon Ship order was given and 452 persons (passengers and crew) were rescued. 11 passengers' deaths have been confirmed, whereas others have been declared missing.</p>					










INVESTIGATIONS' PROGRESS (2015)								
No	OCCURRENCE	DATE OF OCCURRENCE	INVESTIGATION COMMENT/ INVESTIGATORS AD HOC	COLLECTING DATA	ANALYSIS	REPORT PRODUCING (DRAFT)	CONSULTATION OF DRAFT REPORT/ PUBLICATION OF FINAL REPORT	INTERIM REPORT*
1	 DEATH OF BOSUN OF M/V LAMBAY**	10/01/2015	**Lead Investigating State: Liberia The vessel loaded with Pet Coke would discharge her cargo at the port of Aliveri, Greece. Prior to the opening of the cargo holds' hatches the ship's Bosun entered the manhole of Cargo Hold No.7 to collect cargo sample and by the time he was lifted to the main deck he had already died.					
2	 GROUNDING AND TOTAL LOSS OF M/V GOODFAITH AT ANDROS ISLAND***	11/02/2015	***Substantially Interested Member-State: Cyprus The ship which was unloaded grounded at the coast of Andros island and her 22 crew members were rescued by a helicopter. No injury was reported. The shipwreck was removed from the area almost 5 months later for scrap.					
3	 GROUNDING AND FOUNDERING OF M/V KEREM S AT LEVITHA ISLET	19/02/2015	The ship which was unloaded suffered a loss of her rudder after her impact at a rocky coast of Patmos island. A few hours later while the ship was expecting a Tugboat from Piraeus for assistance, she drifted and grounded at Levitha islet. All her 6 crew members were rescued by helicopter. At 23/02/2015 the ship was foundered.					
4	 DEATH OF BOSUN OF M/V KOSMAS V	26/02/2015	The vessel loaded with Coal called the port of Rio, Greece. One AB Seaman entered the manhole of Cargo Hold No.3 before its opening, to collect cargo sample but lost his senses. 3 more crew members one after another fell unconscious after entering to assist him. Once they were all lifted to the main deck, one of them, the vessel's Bosun, had already died. The rest recovered after their hospitalization at local hospitals.					
5	 DEATH OF ONE FISHERMAN AND FOUNDERING OF FISHING BOAT MAKRIS MANOLIS	14/03/2015	The fishing boat was found immersed at a depth of 20 m and at a distance of 800 m from the port of Bali, Rethymno, Greece, after locals had spotted parts of its fishing equipment floating at that area. The only fisherman onboard, aged 75, was found dead at a nearby coast.					






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6	 <p>DEATH OF CHIEF ELECTRICIAN OF HSC HIGHSPEED V FOLLOWING A FIRE ONBOARD</p>	23/03/2015	<p>During conversion works at Keratsini, Greece, a fire broke out at the passengers' "Business Seating" on the Upper Deck, and was immediately spread to the other accommodation and bridge spaces. All workers and crew managed to abandon the ship except for her Chief Electrician whose body was later found at the burned area.</p>					
7	 <p>DEATH OF 3 FISHERMEN AFTER FOUNDERING OF FISHING VESSEL PANAGIOTIS F</p>	24/03/2015	<p>The fishing vessel grounded at the coast of Ermioni, Greece while there were 5 persons onboard. The vessel foundered and 2 persons were recovered by a passing craft. The other 3 were found dead later on. The bodies of 2 of them were found inside the vessel's accommodation spaces.</p>					
8	 <p>DEATH OF FISHERMAN ONBOARD FISHING VESSEL LIVERIS FOTINI II</p>	13/04/2015	<p>While the fishing boat was moored at Keramoti, Kavala, Greece and maintenance works were being carried out by the fishermen onboard, a welded fixed point of her crane detached and the crane's boom fell onto one fisherman who was deadly injured.</p>					
9	 <p>FIRE AND FOUNDERING OF PASSENGER VESSEL MELTEMI II NEAR KEFALONIA ISLAND</p>	10/05/2015	<p>While the passenger vessel was sailing 1.4 n.m. SE of Kefalonia, Greece, only with her Commander onboard, a fire broke out at the accommodation spaces. The Commander onboarded a nearby sailing vessel and MELTEMI II foundered later on.</p>					
10	 <p>GROUNDING OF PASSENGER SHIP ALEXANDROS NEAR AEGINA ISLAND</p>	28/06/2015	<p>The passenger vessel with 18 persons onboard grounded near cape Troulos of Aegina island. Her passengers abandoned the vessel via ships sailing near and no injury was reported. The vessel after being towed by a Tugboat, sailed by own means for the nearest port.</p>					
11	 <p>DEATH OF MOTORMAN OF TUGBOAT CHRISTOS XXII AT PIRAEUS</p>	07/07/2015	<p>After the towing procedure of a departing Container Vessel at Drapetsona, Greece and during the bringing in of the towline from the sea, it got fouled in the Tugboat's propeller axis. As a result, it was violently tensed and constrained 2 crew members against the bulwark, one of which was fatally injured.</p>					



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12	 <p>IMPACT OF RO-RO PASS PREVELIS AT THE DOCK OF ANAFI ISLAND PORT</p>	16/07/2015						
13	 <p>GROUNDING OF HSC FLYINGCAT 4 NEAR THE PORT OF TINOS ISLAND</p>	26/07/2015						
14	 <p>COLLISION OF CRUISE SHIP AEGEAN PARADISE WITH HCG SAR BOAT 519 NEAR CHIOS PORT</p>	26/07/2015						
15	 <p>DEATH OF ONE SEAMAN INSIDE CARGO HOLD OF M/V IONIC</p>	10/08/2015						
16	 <p>WATER INGRESS AND SINKING OF AQUACULTURE SUPPLY CRAFT MINSTREL AT EVIA</p>	25/08/2015						
17	 <p>1 SEAMAN DIED AND 7 SEAMEN WERE REPORTED MISSING AFTER FOUNDERING OF F/V DIMITRIOS AT WEST AFRICA</p>	30/08/2015						

No	OCCURRENCE	DATE OF OCCURRENCE	INVESTIGATION COMMENCEMENT/ INVESTIGATORS AD HOC	COLLECTING DATA	ANALYSIS	REPORT PRODUCING (DRAFT)	CONSULTATION OF DRAFT REPORT/ PUBLICATION OF FINAL REPORT	INTERIM REPORT*
18	 FIRE AT THE MAIN ENGINE ROOM OF Ro-Pax KRITI II AT PERAMA	18/10/2015				After the previous night's ship's berthing at Perama, Greece a fire broke out inside her Main Engine Room space. The fire was located at the Main Engines' fuel oil treatment system and was extinguished with the use of the permanent CO2 fire extinguishing system. No injury was reported.		
19	 FOUNDERING OF TUG BOAT RAFINA AT THE PORT OF TINOS ISLAND	24/12/2015						

INVESTIGATIONS' PROGRESS (2016)								
No	OCCURRENCE	DATE OF OCCURRENCE	INVESTIGATION COMMENT-CEMENT/ INVESTIGATORS AD HOC	COLLECTING DATA	ANALYSIS	REPORT PRODUCING (DRAFT)	CONSULTATION OF DRAFT REPORT/ PUBLISHERMENT OF FINAL REPORT	INTERIM REPORT*
1	 <p>DEATH OF SEAMAN OF C/V "MAERSK KURE", GREEK FLAG AT BREMERHAVEN, GERMANY**</p>	06/02/2016	<p>**Lead Investigating Member-State: Germany</p> <p>During the mooring operation of C/V MAERSK KURE at the container terminal in Bremerhaven, Germany a mooring line parted and struck one Filipino seaman, age 56 who was member of the bow mooring team. The casualty passed away en route to the local hospital.</p>					
2	 <p>DEATH OF SEAMAN OF B/C "DORIC SPIRIT", FLAG GREECE IN PORT OF MONROVIA, LIBERIA</p>	16/02/2016			<p>During the discharging operation of the Bulk Carrier "DORIC SPIRIT", Flag Greece, at the port of Monrovia, Liberia, one Filipino seaman, age 49, fell from the ladder of Cargo Hold no.3. He was seriously injured and transferred to a local hospital, where he passed away a few hours later.</p>			
3	 <p>COLLISION OF M/V "ARKLOW WILLOW, IRISH FLAG WITH F/V "AGIOS NEKTARIOS", GREEK FLAG N OF KILLINI, GREECE</p>	02/04/2016			<p>During fishing operation of F/V "AGIOS NEKTARIOS", Flag Greece, a collision with M/V "ARKLOW WILLOW", Flag Ireland, occurred, resulting to material damages of the F/V. Both vessels berthed at Killini port. No pollution or injury were reported.</p>			
4	 <p>COLLISION OF M/V "ANANGEL COURAGE", GREEK FLAG WITH F/V "MIN JIN YU", CHINA FLAG - 08 FISHERMEN MISSING</p>	10/08/2016			<p>While M/V "ANANGEL COURAGE", Greek Flag was en route from Nantong, China, to Australia, in ballast condition, at 20:05 UTC on 10th August 2016, approximately 85 nm NNE off Taiwan coast, collided with F/V "MIN JIN YU 05891", China Flag. A SAR operation was conducted by the Japanese MRCC and 06 out of 14 fishermen were rescued. The remaining 08 crew members of the F/V are missing.</p>			
5	 <p>COLLISION OF P/Y "DUENTE" WITH PASSENGER BOAT "ANTONIA" AT AEGINA, GREECE - FOUNDERING OF "ANTONIA" AND DEATH OF 04 PERSONS</p>	16/08/2016			<p>High Speed Pleasure Craft "DUENTE", Flag Greece, with 04 persons on board, collided with Passenger Boat "ANTONIA", Flag Greece, carrying 24 persons, at the sea area SW off Aegina island, Greece. 04 of the 24 persons on board "ANTONIA" were killed, including her skipper, whereas 05 passengers were injured.</p>			

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6	 GROUNDING OF RO-RO "SAFFET BEY", TURKISH FLAG IN NEAPOLI VOION, GREECE	03/09/2016				Ro-Ro Cargo "SAFFET BEY", Turkish Flag, carrying 114 vehicles and 05 containers, 22 crew and 04 drivers, had departed from Trieste, Italy, for Turkey. She grounded at the area of Neapoli Voion, Greece. There was water ingress and after the pumping of the sea water the ship was refloated and towed safely to the Vatika Bay.		
7	 DEATH OF TRUCK DRIVER ON BOARD RO-RO "EUROCARGO TRIESTE", MALTA FLAG IN PATRA	06/10/2016				During the loading operation of Ro-Pax "EUROCARGO TRIESTE", Flag Malta, at the port of Patras, Greece, at 12:47 Local Time, one truck driver was pressed against the vehicle garage side steel construction by his own truck, which moved while the casualty was standing by its side. He was transferred to the nearest local hospital however he finally passed away.		
8	 DEATH OF GREEK BOSUN OF B/C "PACIFIC CEBU", PANAMA FLAG** IN PORT OF SALALAH, OMAN	24/10/2016	**Lead Investigating State: Panama			During the process of the wire replacement of one of the vessel's cranes (no.3), her Bosun fell from the crane jib and was fatally injured.		
9	 COLLISION OF M/T "AUSTRALIS", GREEK FLAG WITH F/V "ZHE LING YU", CHINA FLAG IN CHINA - 06 FISHERMEN MISSING	28/10/2016				While M/T "AUSTRALIS", Greek Flag was en route from Ningbo, China to Singapore, in ballast condition, at noon hours on 28 th October 2016, in position Lat: 28° 01,7' N, Long: 123° 07,8' E (E off Ningbo, China), collided with F/V "ZHE LING YU", China Flag. A SAR operation was conducted by the Chinese MRCC and 06 crew members of the F/V are missing.		
10	 FOUNDERING OF M/V CABRERA, ANTIGUA & BARBUDA FLAG, AT ANDROS ISLAND	24/12/2016				The ship which had departed from Larymna, Greece loaded with 3,500 mt of Nickel Ore, grounded at the North coast of Andros island and all her 09 crew members were rescued by a helicopter. No injury was reported.		

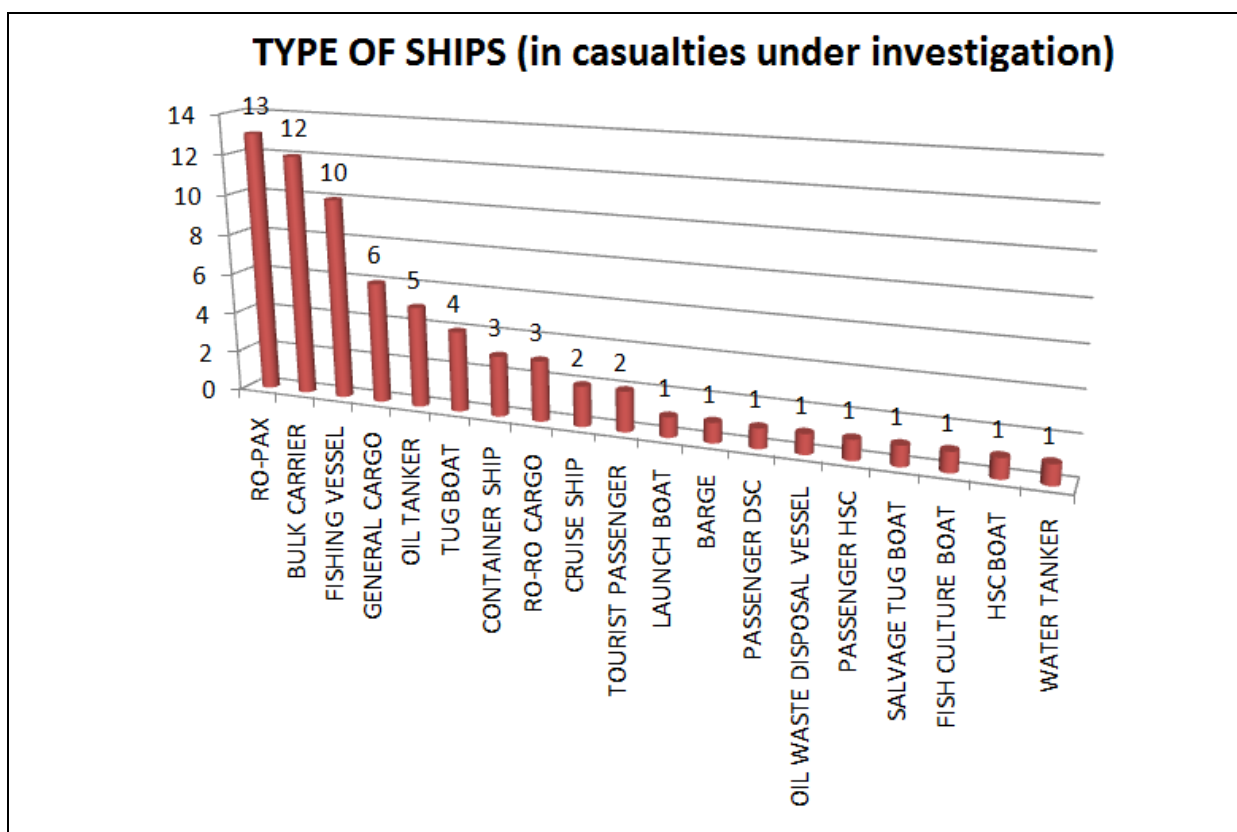
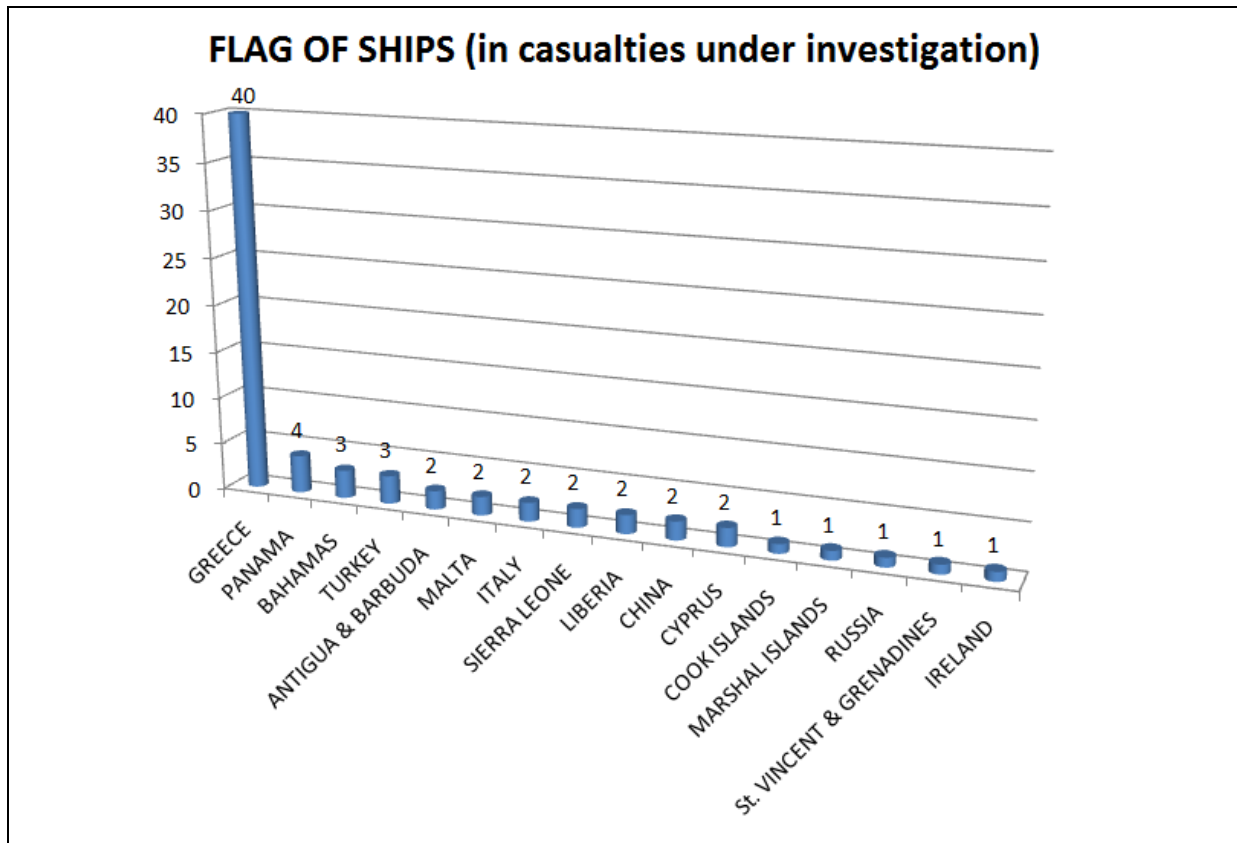
INVESTIGATIONS' PROGRESS (2017)								
No	OCCURRENCE	DATE OF OCCURRENCE	INVESTIGATION COMMENCEMENT/ INVESTIGATORS AD HOC	COLLECTING DATA	ANALYSIS	REPORT PRODUCING (DRAFT)	CONSULTATION OF DRAFT REPORT/ PUBLICATION OF FINAL REPORT	INTERIM REPORT*
1	 GROUNDING OF M/V "ST. GREGORY", BAHAMAS FLAG AT LAKONIA, GREECE	07/06/2017	M/V "ST GREGORY", Bahamas Flag, loaded with 31,000 MT of Sulphur in bulk and carrying 19 crew, had departed from Chornomorsk, Ukraine, for Sfax, Tunisia. She grounded at the area of Kokkala, Lakonia, Greece. After the discharging and shifting of the cargo the ship was refloated and escorted to Chalkis shipyard for permanent repairs.					
2	 GROUNDING OF F/V "SYMEON", GREEK FLAG AND DEATH OF HER CAPTAIN, AT ASTYPALAIA, GREECE	15/06/2017			The small F/V "SYMEON", Flag Greece, carrying only her Captain, was found grounded at a rocky coast of Astypalaia island, Greece, a few hours after sailing for her normal fishing operation. Her Captain was not onboard and only his arm was found entangled at the ship's propeller. His body was found later at a nearby coast.			
3	 FIRE ON BOARD RO-RO CARGO "MED STAR", CYPRUS FLAG, AFTER HER DEPARTURE FROM RHODES, GREECE**	15/06/2017			**Substantially Interested Member-State: Cyprus On the RO-RO ship with 30 crew, which was carrying 33 Trucks and 02 truck drivers, a fire broke out inside her Engine Room shortly after her departure from the port of Rhodes island, Greece. Most of the crew abandoned the vessel with a lifeboat and the 12 crew members who remained on board managed to extinguish the fire a few hours later.			
4	 COLLISION OF WATER TANKER "AEGINA" WITH F/B "PANAGIOTIS" RESULTING IN THE FOUNDERING OF THE F/B AND THE DEATH OF 2 FISHERMEN.	05/07/2017			The small F/B "PANAGIOTIS", carrying 2 fishermen collided with the Water Tanker "AEGINA", resulting in the foundering of the fishing boat and the death of the 02 fishermen.			
5	 DEATH OF ONE GREEK ULTRASONIC TECHNICIAN ON BOARD M/V "AGIOS NIKOLAOS I", CYPRUS FLAG, EN ROUTE FROM SINGAPORE TO SHANGHAI***	22/07/2017			***Lead Investigating Member State: Cyprus During the process of the Ultrasonic Thickness Measurements on board M/V "AGIOS NIKOLAOS I", Flag Cyprus, by a Greek Technician, he fell from the ladder in a cargo hold and was fatally injured.			

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6	 <p>FOUNDERING OF M/T "AGIA ZONI II" GREEK FLAG AT SARONIKOS GULF, GREECE AND POLLUTION OF THE SEA AREA</p>	10/09/2017						<p>M/T "AGIA ZONI II", Greek Flag, while at anchorage at the sea area near Atalantis island, Piraeus, Greece, loaded with Heavy Fuel Oil and with 02 crew members onboard foundered during night hours, resulting in the pollution of the sea area from her cargo. Her 02 crew members were rescued by a T/B which arrived at scene and found them swimming nearby the foundering vessel.</p>
7	 <p>DEATH OF ONE TRUCK DRIVER IN THE GARAGE OF RO-PAX "BLUE STAR 1", FLAG GREECE, AT THE PORT OF PIRAEUS</p>	19/09/2017						<p>During the unloading operation of Ro-Pax "BLUE STAR 1", Flag Greece, at the port of Piraeus, Greece, one truck driver was pressed against the vehicle garage side steel construction by his own truck, which moved while the casualty was standing by its side. He was fatally injured.</p>

*An Interim Report is published during the investigation process, in case the final report is not ready within one year from the date of the occurrence (par.2, art.16 of Law 4033/2011).

HBMCI's CASUALTY INVESTIGATION STATISTICS

(Until 31-12-2017)



SAFETY RECOMMENDATIONS ISSUED

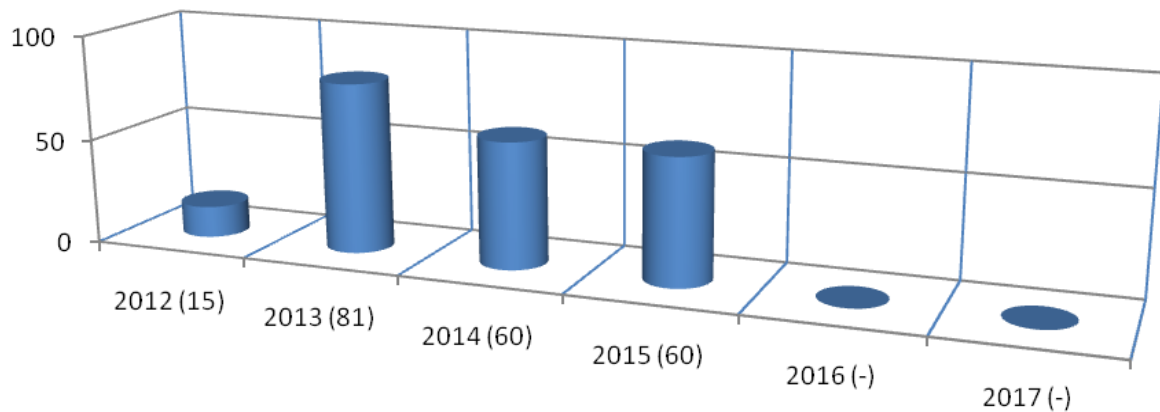
Safety Recommendations are issued to promulgate the lessons from accidents investigated by the HBMCI, aiming to improve the safety of life at sea and the avoidance of future accidents. The issue of a recommendation shall in no case create a presumption of blame or liability.

Following an investigation the HBMCI will, normally, make a number of Safety Recommendations. These will be contained within the published report but will also be addressed to the individuals or organizations concerned. Urgent Safety Recommendations may also be made in Safety Bulletins that can be published at any stage of an investigation.

The implementation of the recommendation is supervised by our Bureau according to the procedure provided by HBMCI's operation manual.

Below are shown the Safety Recommendations per year's investigations.

Safety Recommendations issued for the investigations for the marine accidents from 2012, until 2017*:



(*: no final reports have been issued yet for the marine accidents which occurred in 2016 & 2017)

Safety Recommendations categorized according to the addressees:

