



ABS
PORT STATE CONTROL
ANNUAL REPORT

2023



ABS Commitment

American Bureau of Shipping (hereinafter “ABS”) is the premier classification society in the world. The focus of ABS is to provide classification services to promote the common safety, environmental and regulatory interests of its members and clients, including builders, owners, and operators of ships. Since its inception in 1862, ABS has been a global leader in marine safety. With more than 2,000 technical professionals positioned around the world, the ABS team has the experience, knowledge and professional judgment to assist vessel owners and operators.

ABS has established a strict standard of excellence and has earned a reputation for quality service and client support. We are committed to providing superior technical and survey services that assist our clients in conforming to these standards, thereby encouraging safe and efficient operations.

Our Mission

The mission of ABS is to serve the public interest as well as the needs of our members and clients by promoting the security of life and property and preserving the natural environment.

Health, Safety, Quality and Environmental (HSQE) Policy

We will respond to the needs of our members, clients and the public by delivering quality products and services in support of our mission that provides for the safety of life and property and the protection of the natural environment.

With the input and the participation of our workers, we are committed to continually improving the effectiveness of our HSQE performance and management system by identifying risks and opportunities that help to eliminate hazards and reduce risks and by providing safe and healthy working conditions for the prevention of work-related injury, ill health and pollution.

We will comply with all applicable legal requirements as well as any additional requirements ABS subscribes to which relate to ABS and our HSQE aspects, objectives and targets.

Foreword

This ABS Annual Report on Port State Control (PSC) provides information to owners on deficiencies identified on ABS vessels during inspections carried out by the various PSC regimes globally during the 2023 calendar year. This report is being made available to assist owners by providing awareness of potential areas of concern that have been identified on ABS classed vessels.

PSC inspections have proven to be an effective tool for eliminating substandard vessels that may be in operation, which may impact maritime safety and the marine environment. A ship is regarded as substandard if its hull, machinery, equipment or operational safety and the protection of the environment is substantially below the standards required by the relevant conventions, or if the crew is not in conformity with the safe manning document. Evidence that the ship, its equipment, or its crew do not comply substantially with the requirements of the relevant conventions, or that the master or crew members are not familiar with essential shipboard procedures relating to the safety of ships or the prevention of pollution may be clear grounds for the PSC inspector to conduct a more detailed inspection.

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1. ABS Fleet 2023 Detention Facts

1.1 Top Categories for Grounds for Detention

For the period Jan. 1, 2023, to Dec. 31, 2023, the top categories for grounds for Port State Control (PSC) detentions on ABS vessels in the Paris Memorandum of Understanding (MoU) on PSC, Tokyo MoU and the United States Coast Guard (USCG) database are listed in the table below.

For the Paris MoU, Tokyo MoU and USCG, there were 2074 vessels detained. Of those detained vessels, 134 vessels were classed by ABS or ABS was the Recognized Organization (RO) and issued statutory certification.

The ABS issued statutory certification(s) implicated in the detentions includes: International Safety Management certification for companies' Document of Compliance (DOC – ISM) and vessels' Safety Management Certificate (ISM – SMC); International Ship and Port Facility Security certification for vessels' International Ship Security Certificate; and Maritime Labour Convention certification for vessels' Maritime Labour Certificate (MLC). It is important to note that ABS assisted the owner/operator to address the deficiencies so that the PSC detention could be lifted and the vessel could sail.

The table below lists the top categories for detentions on ABS vessels. The higher number of detentions related to ISM may be attributed to Safety Management Systems (SMS) not being effectively implemented on board vessels as intended.

Detention Code	Top Categories for Detention
15150	ISM
15109	Maintenance of the ship and equipment
07115	Fire-dampers
03108	Ventilators, air pipes, casings
07114	Remote Means of control (opening, pumps, ventilation, etc.) Machinery spaces
11101	Lifeboats
07105	Fire doors/openings in fire-resisting divisions
07109	Fixed fire extinguishing installation
04114	Emergency source of power – Emergency generator
04102	Emergency fire pump and its pipes
11113	Launching arrangements for rescue boats
14104	Oil filtering equipment
07110	Fire fighting equipment and appliances
07113	Fire pumps and its pipes
13102	Auxiliary engine

Note: List contains detentions that were identified on eight vessels or more. Detentions listed in order of highest to lowest number of instances per detention code.

1.2 Photographs



Emergency diesel generator quick closing valve-fitted with 250mm apart from tank, does not meet requirement



Non-compliant pilot ladder, i.e., no rubber steps, loose chocks and retrieving lines not secured as required



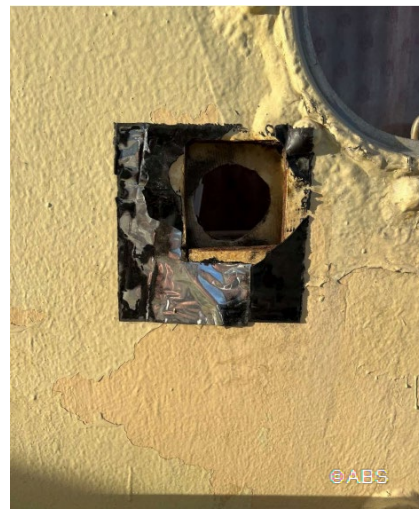
Accommodation window shattered with hole



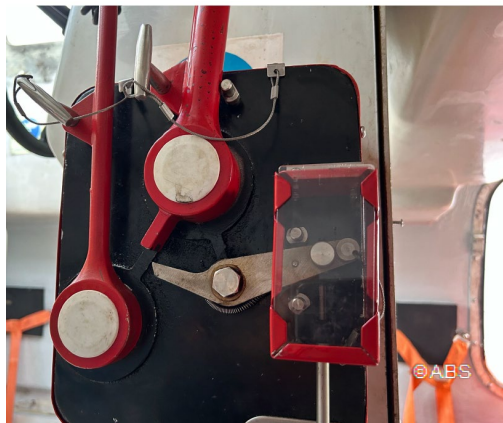
Sewage System flexible pipe leaking



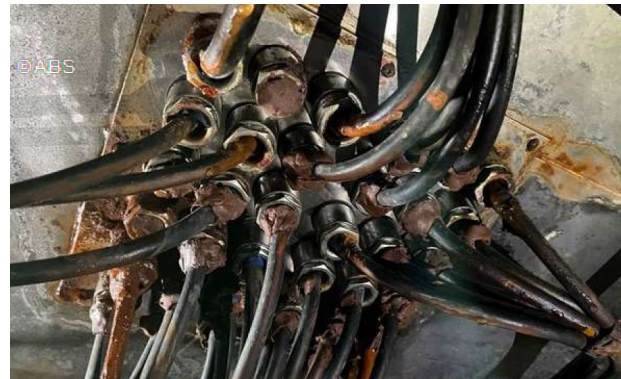
VDR (Voyage Data Recorder)
cable penetration damage at monkey island



Unauthorized opening to accommodation
bulkhead for fresh air intake



Lifeboat hydrostatic release
not engaged and reset



Water leaking through the
improperly installed Multi Cable Transit (MCT)



Man Overboard Buoy (MOB)
unable to release due to operating mechanism stuck
caused by wasted release handle



Cargo hold hatch coaming drainage pipe non- return
valve stuck in open position



Emergency generator fuel oil tank, air vent pipe
wasted with holes and covered with tape

©ABS



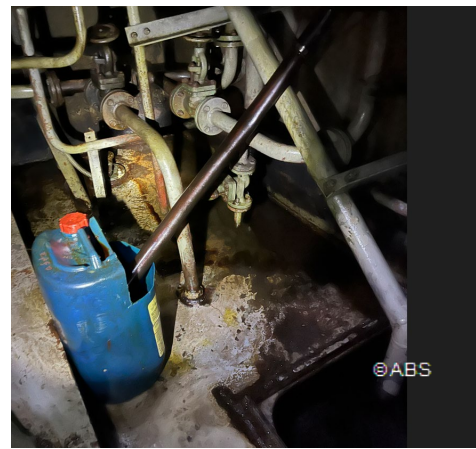
Tank vent head ball is stuck and not making positive seal, due to damaged structure



Emergency escape to main deck from engine room, structure wasted with holes



Faulty and damaged fire line pressure gauge with feed line and cock wasted

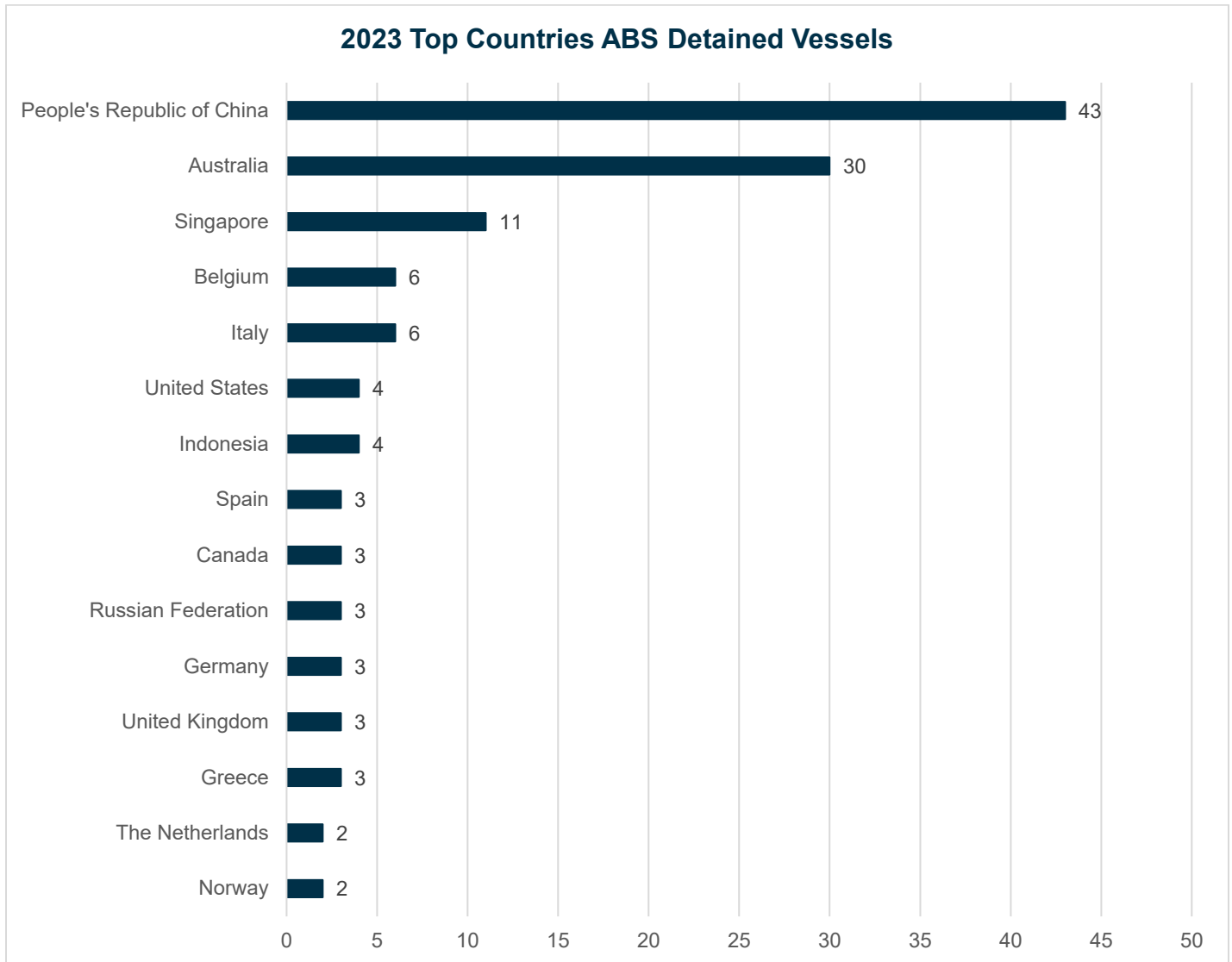


Unapproved modification in engine room bilge line above tank top



Main deck wasted with hole, next to hatch coaming in a bulk carrier

1.3 Top Countries Where ABS Vessels Were Detained



Note: Chart contains detentions that were identified on at least two or more vessels.

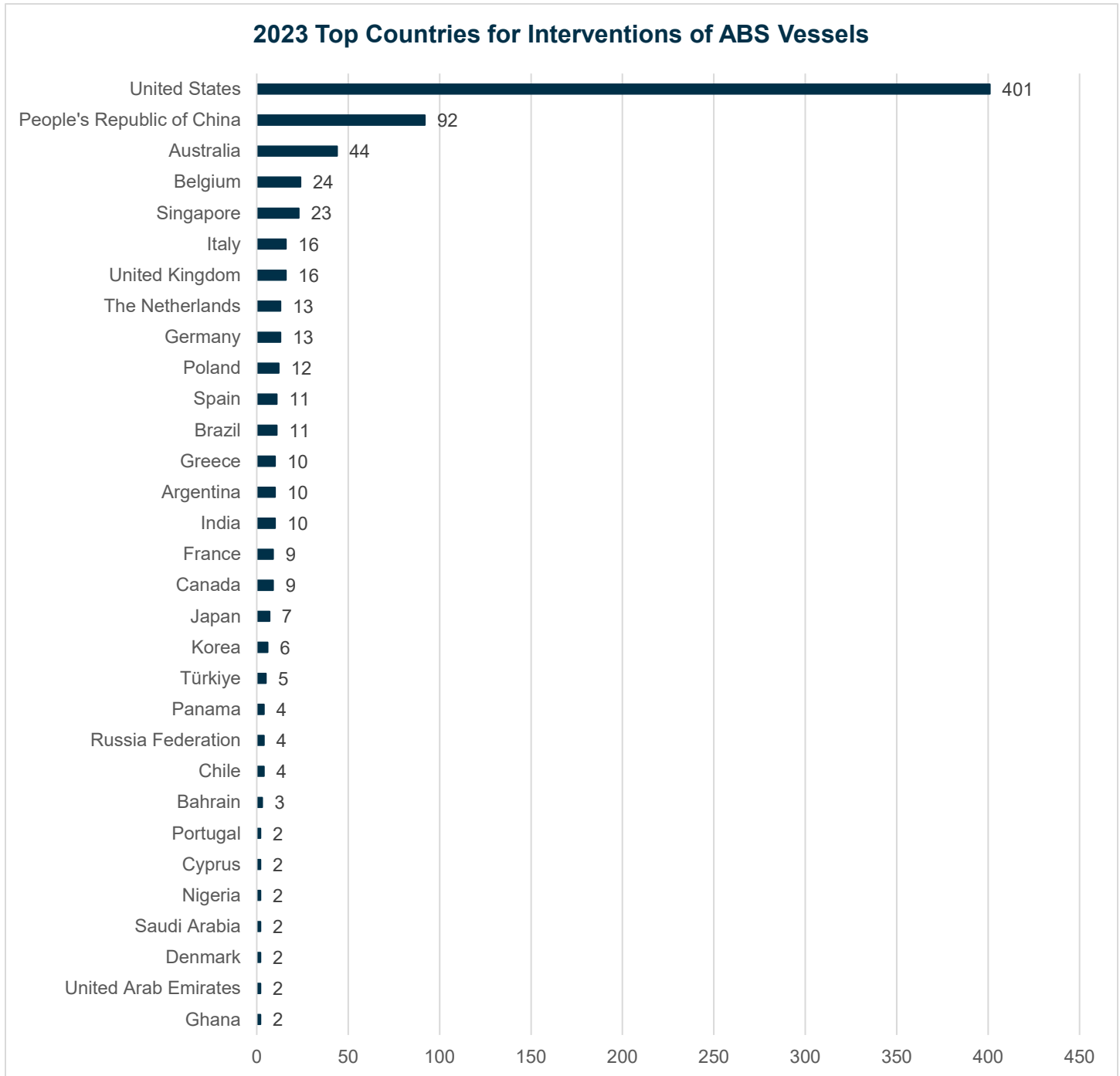
2. ABS Fleet 2023 Deficiencies Facts

2.1 Top Categories for Deficiencies on ABS Vessels

Deficiency Code	Top Categories for Deficiency
13101	Propulsion main engine
13199	Other (machinery)
07105	Fire doors/openings in fire-resisting divisions
11101	Lifeboats
15150	ISM
13102	Auxiliary engine
02108	Electric equipment in general
07106	Fire detection
07199	Other (fire safety)
09209	Electrical
04114	Emergency source of power – Emergency generator
07114	Means of control (openings, pumps) Machinery spaces
07115	Fire-dampers
13108	Operation of machinery
02105	Steering gear
07109	Fixed fire extinguishing installation
11104	Rescue boats
04103	Emergency lighting, batteries and switches
10109	Lights, shapes, sound signals
07110	Firefighting equipment and appliances
14104	Oil filtering equipment
11117	Lifebuoys including provision and disposition
01199	Other (certificates)
03108	Ventilators, air pipes, casings

Note: List contains deficiencies that were identified on at least 25 or more vessels. Deficiencies are listed in order of highest to lowest number of instances per detention code.

2.2 Top Countries for Interventions on ABS Vessels



Note: Chart contains deficiencies that were identified on at least two or more vessels.

3. Annual Reports 2023

3.1 Paris MoU Inspections

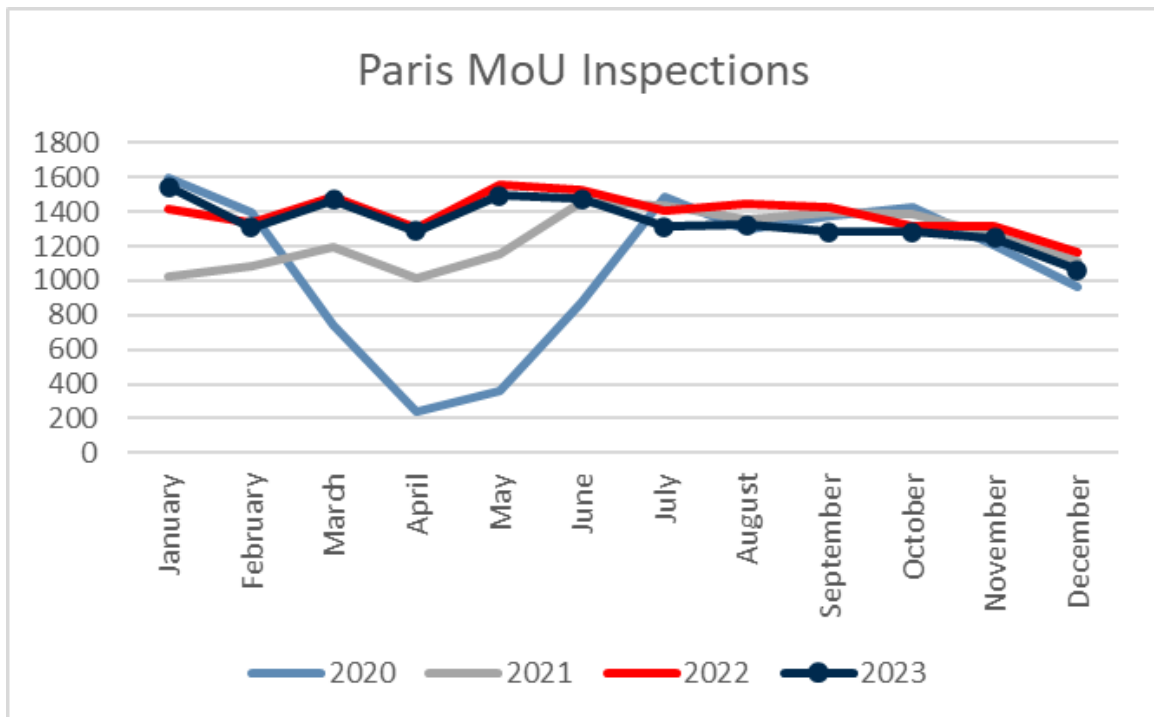
The total number of inspections carried out under Paris MoU in 2023 was 16,769, a decrease compared to 2022 (17,304). Out of the 16,769 inspections 9,430 ships were found to have deficiencies.

Compared to 2022, the number of detentions decreased from 736 (4.25 percent) to 639 (3.81 percent) detentions in 2023. Detentions in 2020 and 2021 recorded as 385 and 538 respectively.

ABS meets the RO criteria for a low-risk ship for Paris MoU inspection. In calendar year 2023, there were no ABS vessels that were banned from the Paris MoU region nor was ABS held responsible for any detention.

The Paris MoU PSC Annual Report 2023 may be accessed by clicking the link [Annual reports | Paris MoU](#).

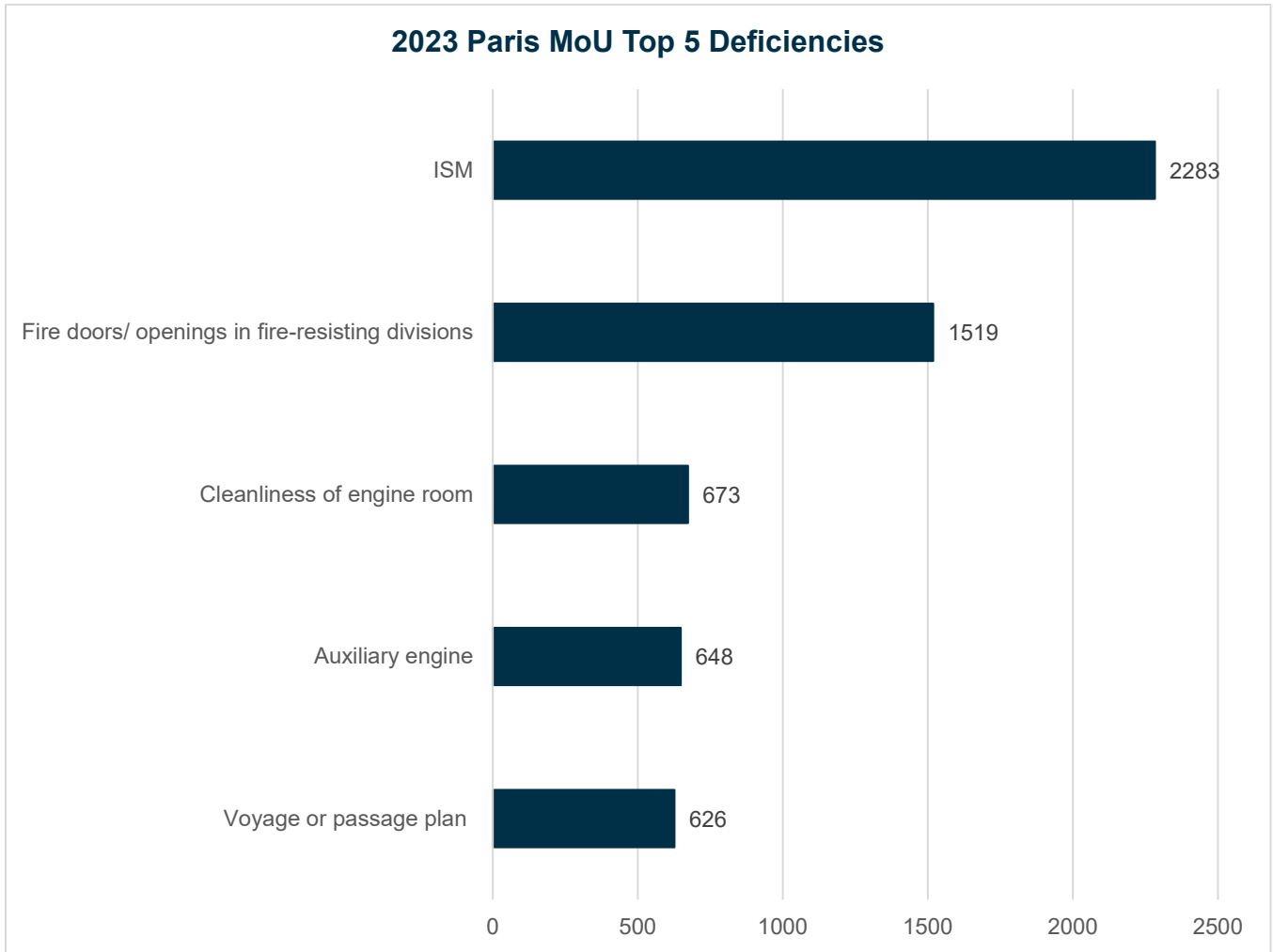
**Paris MoU Inspections
Years 2020, 2021, 2022 and 2023**



Source: Paris MoU

3.1.1 Paris MoU Top 5 Deficiencies

Based on the Paris MoU PSC Annual Report 2023, the top five deficiencies for all vessels inspected were:



Source: Paris MoU PSC 2023 Annual Report

3.1.2 Paris MoU Major Categories of Deficiencies

Based on the Paris MoU PSC 2023 Annual Report, the major categories of deficiencies for all vessels inspected were:

MAJOR CATEGORIES OF DEFICIENCIES 2021-2023

Deficiencies Main Group		2021		2022		2023	
		Def	Def %	Def	Def %	Def	Def %
Ballast Water Management		710	2.0	898	1.9	907	1.9
COLREG		354	1.0	444	0.9	441	0.9
Load Lines		2,089	5.7	2,758	5.8	2,644	5.6
MARPOL	MARPOL Annex I	1,246	3.4	1,530	3.2	1,528	3.2
	MARPOL Annex IV	313	0.9	418	0.9	515	1.1
	MARPOL Annex V	680	1.9	821	1.7	930	2.0
	MARPOL Annex VI	496	1.4	618	1.3	771	1.6
	MARPOL Other	33	0.1	47	0.1	57	0.1
MLC	MLC 2006 Title 2	1,318	3.6	1,453	3.1	1,181	2.5
	MLC 2006 Title 3	2,191	6.0	3,201	6.7	3,151	6.6
	MLC 2006 Title 4	3,760	10.3	4,875	10.2	4,750	10.0
	MLC 2006 Title 5	232	0.6	319	0.7	289	0.6
	MLC Other	111	0.3	168	0.4	198	0.4
SOLAS	SOLAS ch.I	330	0.9	506	1.1	501	1.1
	SOLAS ch.II-1	4,376	12.0	5,520	11.6	5,444	11.5
	SOLAS ch.II-2	5,386	14.8	7,360	15.5	8,227	17.3
	SOLAS ch.III	3,166	8.7	4,541	9.5	4,391	9.2
	SOLAS ch.IV	699	1.9	844	1.8	793	1.7
	SOLAS ch.V	3,218	8.8	3,961	8.3	3,843	8.1
	SOLAS ch.VI	297	0.8	285	0.6	224	0.5
	SOLAS ch.XI-1	385	1.1	492	1.0	404	0.9
	SOLAS ISM Code	1,810	5.0	2,284	4.8	2,308	4.9
	SOLAS ISPS Code	366	1.0	432	0.9	420	0.9
	SOLAS LSA Code	354	1.0	320	0.7	331	0.7
	SOLAS Other	828	2.3	954	2.0	869	1.8
STCW	STCW Code Part A ch.I	436	1.2	753	1.6	615	1.3
	STCW Code Part A ch.VIII	574	1.6	1,037	2.2	1,112	2.3
	STCW Other	174	0.5	242	0.5	245	0.5
Other		435	1.2	488	1.0	421	0.9

Source: Paris MoU PSC 2023 Annual Report

3.1.3 Paris MoU Inspections Data Per Ship Type

Based on the Paris MoU PSC Annual Report 2023, the inspections data per ship type for all vessels was as follows:

INSPECTIONS AND DETENTIONS 2023 PER SHIP TYPE

Ship type	Nr of Inspections	Inspections with deficiencies	Percentage of inspections with deficiencies	Nr of Individual ships inspected	Inspections with detentions	Percentage of detentions to inspections 2023	Percentage of detentions to inspections 2022	Percentage of detentions to inspections 2021	+/- average detention % 2023
Bulk carrier	3,797	2,329	61,3	3,468	137	3.6	5.1	3.7	-0.2
Chemical tanker	570	285	50,0	523	12	2.1	2.9	2.0	-1.7
Commercial yacht	181	62	34,3	180	10	5.5	3.2	5.5	1.7
Container	1,855	875	47,2	1,694	39	2.1	2.5	2.1	-1.7
Dredger	94	49	52,1	92	1	1.1	2.4	1.4	-2.7
Gas carrier	570	212	37,2	543	9	1.6	1.0	0.3	-2.2
General cargo/multipurpose	4,044	2,742	67,8	3,355	283	7.0	7.0	6.2	3.2
Heavy load	56	32	57,1	53	2	3.6	2.9	0.0	-0.2
High speed cargo	19	12	63,2	18	-	0.0	0.0	0.0	-3.8
High speed passenger craft	71	39	54,9	49	-	0.0	2.6	0.0	-3.8
Livestock carrier	88	77	87,5	71	7	8.0	7.9	8.8	4.1
MODU & FPSO	28	17	60,7	27	-	0.0	0.0	0.0	-3.8
Offshore supply	382	212	55,5	369	12	3.1	3.1	1.5	-0.7
Oil tanker	1,181	485	41,1	1,131	35	3.0	2.5	1.6	-0.8
Oil tanker/Chemical tanker	1,268	623	49,1	1,147	28	2.2	2.7	1.3	-1.6
Other	28	14	50,0	23	1	3.6	9.1	3.6	-0.2
Other special activities	472	259	54,9	443	14	3.0	4.1	4.1	-0.8
Passenger ship	350	170	48,6	291	4	1.1	2.9	0.0	-2.7
Refrigerated cargo	165	113	68,5	155	5	3.0	2.0	1.2	-0.8
Ro-Ro cargo	687	316	46,0	639	15	2.2	1.8	1.8	-1.6
Ro-Ro passenger ship	486	317	65,2	272	11	2.3	2.3	2.2	-1.5
Special purpose ship	133	49	36,8	129	2	1.5	0.7	0.9	-2.3
Tug	244	141	57,8	235	12	4.9	7.3	3.1	1.1

Source: Paris MoU PSC 2023 Annual Report

3.1.4 Paris MoU Performance of Recognized Organizations

An ROs performance is measured over a three-year rolling period. From January 2021 to December 2023, ABS was held responsible for one detention. For the calendar year 2023, ABS was ranked number one in the Paris MoU.

Based on the Paris MoU PSC Annual Report 2023, the performance of various ROs was as follows:

RECOGNIZED ORGANIZATION PERFORMANCE TABLE 2021-2023

Recognized Organization	RO Abbrev.	Inspections	Detentions	Low / medium limit	Medium / high limit	Excess Factor	Performance level
American Bureau of Shipping	ABS	6,334	1	146	108	-1.97	High
DNV AS	DNV	23,828	31	513	441	-1.85	
China Classification Society	CCS	1,140	1	31	15	-1.74	
Lloyd's Register	LR	11,737	26	260	209	-1.73	
RINA Services S.p.A.	RINA	5,781	15	134	98	-1.66	
Bureau Veritas	BV	11,673	35	259	208	-1.64	
Korean Register	KR	1,854	4	47	27	-1.61	
Nippon Kaiji Kyokai	NKK	8,651	40	195	151	-1.43	
Russian Maritime Register of Shipping	RMRS	1,093	3	30	14	-1.37	
Croatian Register of Shipping	CRS	160	0	7	0	0.03	
Qualitas Register of Shipping S.A.	QRS	124	0	6	0	0.10	
Turkish Lloyd	TL	267	2	10	1	0.11	
International Naval Surveys Bureau	INSB	541	7	17	5	0.17	
Phoenix Register of Shipping	PHRS	633	9	19	6	0.21	
Bulgarian Register of Shipping	BRS	332	4	11	2	0.22	
Polski Rejestr Statkow (Polish Register of Shipping)	PRS	498	7	16	4	0.24	Medium
Overseas Marine Certification Services	OMCS	193	2	8	0	0.25	
Dromon Bureau of Shipping	DBS	605	10	18	6	0.33	
Veritas Register of Shipping Ltd	VRS	87	1	4	0	0.36	
Panama Maritime Documentation Services	PMDS	152	3	6	0	0.49	
Intermaritime Certification Services, ICS Class	ICS	94	2	5	0	0.52	
Indian Register of Shipping	IRS	241	5	9	1	0.52	
Shipping Register of Ukraine	SRU	131	3	6	0	0.56	
Isthmus Bureau of Shipping, S.A.	IBS	206	5	8	0	0.62	
Macosnar Corporation	MC	71	2	4	0	0.62	
Mediterranean Shipping Register	MSR	70	2	4	0	0.62	
International Register of Shipping	IS	292	8	10	1	0.74	
United Registration and Classification of Services	URACOS	221	7	8	0	0.83	
National Shipping Adjuster Inc.	NASHA	88	4	4	0	0.92	
Panama Shipping Registrar Inc.	PSR	62	4	4	0	1.44	Low
Hellas Naval Bureau of Shipping S.M.P.C	HNBS	77	5	4	0	1.78	
Other	OTHER	317	33	11	2	6.78	Very Low

In this table only Recognized Organizations that had 60 or more inspections in a 3-year period are taken into account. The formula is identical to the one used for the White, Grey and Black list. However, the values for P and Q are adjusted to P=0.02 and Q=0.01. Performance of Recognized Organizations is measured over a 3-year rolling period.

Source: Paris MoU PSC 2023 Annual Report

3.2 Tokyo MoU Inspections

In 2023, 30,887 inspections, involving 18,298 individual ships, were carried out on ships registered under 101 flags. 210 or 0.68 percent of inspections were carried out remotely. Out of 30,887 inspections, there were 18,806 ships found with deficiencies.

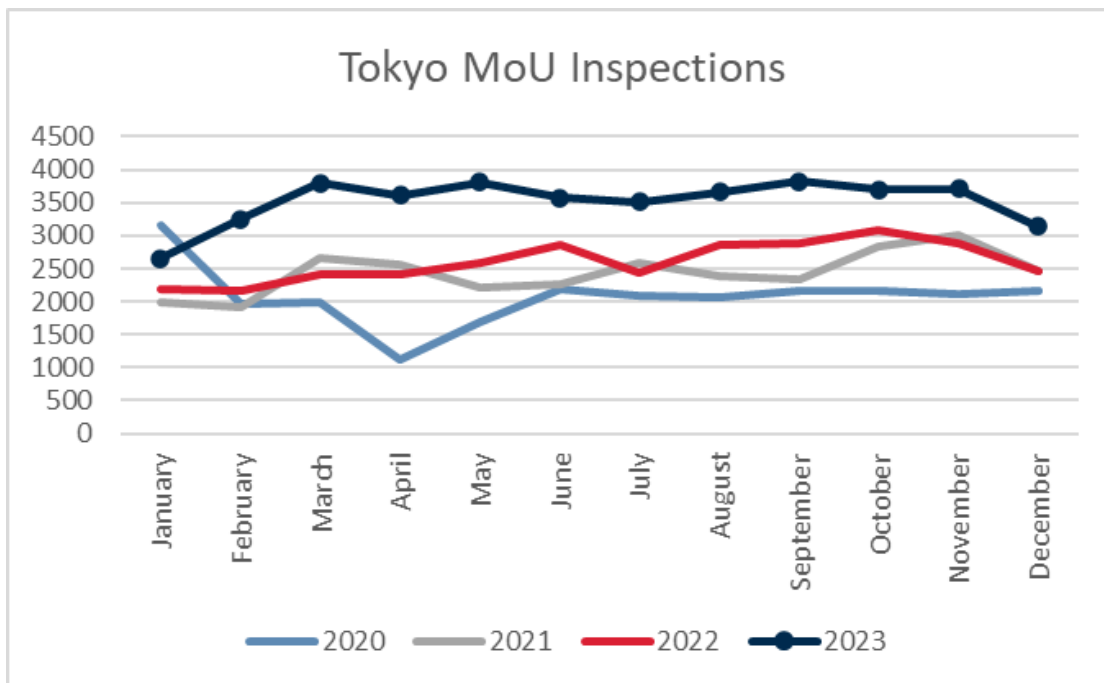
In calendar year 2023, China Maritime Authority (China MSA) and Japan Maritime - Bureau of Ministry of Land Infrastructure, Transport and Tourism (MLIT) carried out the most individual ship inspections. This trend is similar to 2022. China MSA and Japan MLIT carried out 7,721 and 3,649 inspections respectively. Compared to 2022, the number of inspections for China MSA has increased from 3,251 to 7,721 in 2023 and Japan MLIT inspection has increased from 2,958 to 3,649 in 2023.

The Tokyo MoU had 1,334 detentions for the period Jan. 1, 2023, to Dec. 31, 2023. 7.2 percent (96 vessels) of those detentions were on ABS classed vessels or ABS was the RO and issued statutory or ISM/ISPS/MLC certificates.

ABS did not have any under-performing vessels that were detained more than three times by the Tokyo MoU within the previous 12 months.

The Tokyo MoU Annual Report on PSC in the Asia-Pacific Region, 2023, may be accessed by clicking [here](#).

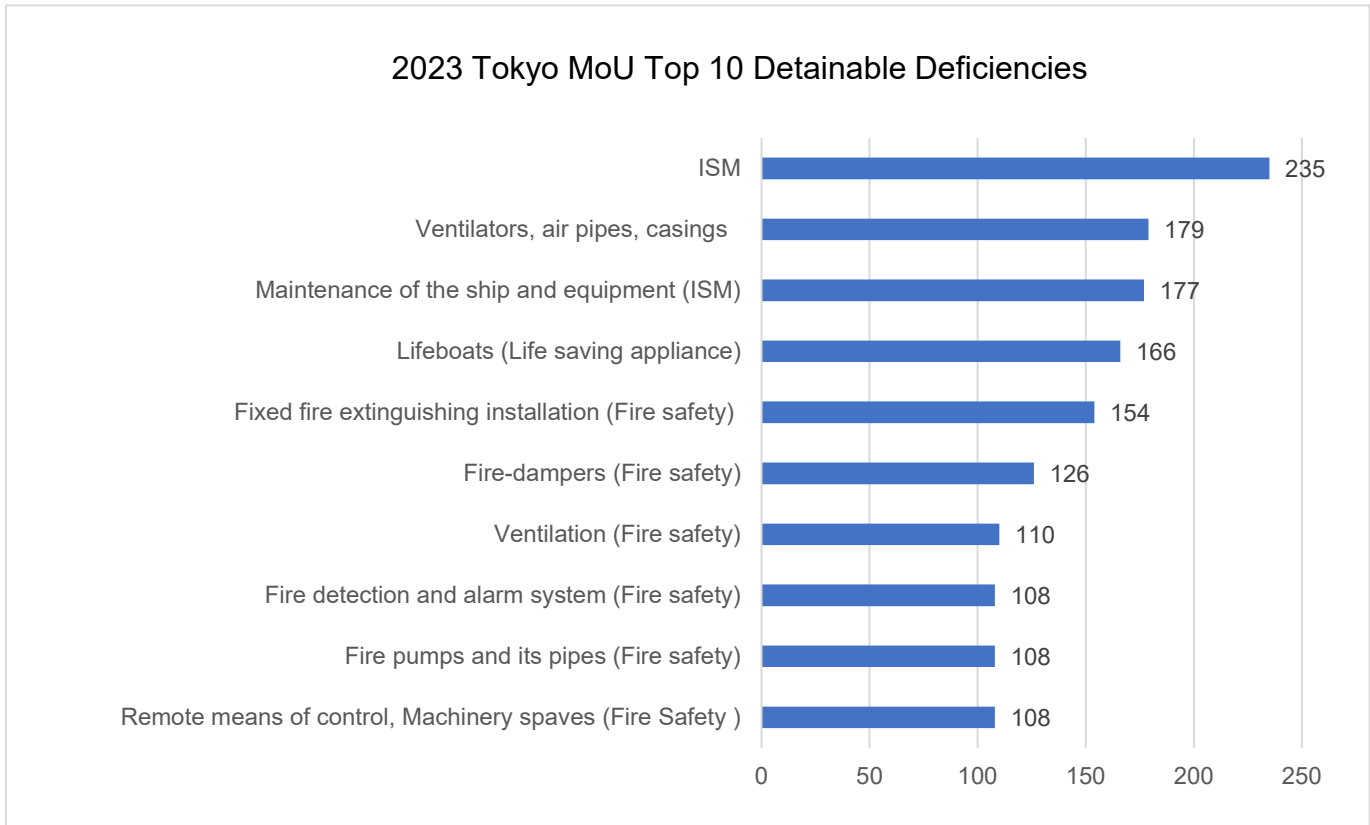
**Tokyo MoU Inspections
Years 2020, 2021, 2022 and 2023**



Source: Tokyo MoU

3.2.1 Tokyo MoU Top 10 Detainable Deficiencies

Based on the Tokyo MoU Annual Report on PSC in the Asia-Pacific Region, 2023, the top 10 detainable deficiencies for all vessels were as follows:



Source: Tokyo MoU 2023 Annual Report

3.2.2 Tokyo Inspection Data Per Category of Deficiency

Based on the Tokyo MoU Annual Report on PSC in the Asia-Pacific Region, 2023, the inspection data deficiencies per category for all vessels was as follows:

Nature of deficiencies		No. of deficiencies
Certificate & Documentation	Crew Certificates	920
	Documents	3,219
	Ship Certificates	1,398
Structural Conditions		2,379
Water/Weathertight conditions		5,729
Emergency Systems		5,102
Radio Communications		1,353
Cargo operations including equipment		641
Fire safety		15,562
Alarms		841
Safety of Navigation		8,803
Life saving appliances		10,193
Dangerous goods		218
Propulsion and auxiliary machinery		4,449
Working and Living Conditions	Living Conditions	428
	Working Conditions	1,676
Labour Conditions	Minimum requirements for seafarers	28
	Conditions of employment	304
	Accommodation, recreational facilities, food and catering	1,400
	Health protection, medical care, social security	3,410
Pollution prevention	Anti Fouling	13
	Ballast Water	1,190
	MARPOL Annex I	1,649
	MARPOL Annex II	24
	MARPOL Annex III	12
	MARPOL Annex IV	1,198
	MARPOL Annex V	1,176
MARPOL Annex VI	788	
ISM		1,314
Other		450
Total		75,867
ISPS		1,066
Grand total		76,933

Source: Tokyo MoU 2023 Annual Report

3.2.3 Tokyo MoU Inspection Data Per Ship Type

Based on the Tokyo MoU Annual Report on PSC in the Asia-Pacific Region, 2023, inspection data per ship type for all vessels was as follows:

Type of ship	No. of inspections	No. of inspections with deficiencies	No. of deficiencies	No. of detentions	Detention percentage %
NLS tanker	39	17	40	0	0
Combination carrier	17	12	30	0	0
Oil tanker	4,043	1,989	7,684	153	3.78
Gas carrier	733	421	1,478	49	6.68
Chemical tanker	375	232	857	22	5.87
Bulk carrier	12,130	7,258	27,985	467	3.85
Vehicle carrier	714	339	975	12	1.68
Container ship	5,615	3,229	11,793	174	3.10
Ro-Ro cargo ship	88	75	413	12	13.64
General cargo/multi-purpose ship	5,297	4,046	19,544	383	7.23
Refrigerated cargo carrier	410	292	1,392	15	3.66
Woodchip carrier	267	117	389	6	2.25
Livestock carrier	43	21	61	1	2.33
Ro-Ro passenger ship	62	59	276	1	1.61
Passenger ship	272	138	472	0	0
Factory ship	5	3	10	0	0
Heavy load carrier	62	41	114	2	3.23
Offshore service vessel	135	87	354	8	5.93
MODU & FPSO	6	2	11	1	16.67
High speed passenger craft	26	15	29	0	0
Special purpose ship	54	30	138	2	3.70
Tugboat	187	139	572	6	3.21
Others	307	244	1,250	20	6.51
Total	30,887	18,806	75,867	1,334	4.32

Source: Tokyo MoU 2023 Annual Report

3.2.4 Tokyo MoU Performance of Recognized Organizations

An RO's performance is measured over a three-year rolling period. From January 2021 to December 2023, ABS was held responsible for five detentions. For the calendar year 2023, ABS was ranked number two in the Tokyo MoU.

Based on the Tokyo MoU Annual Report on PSC in the Asia-Pacific Region, 2023, the performance of various ROs was as follows:

Recognized organization (RO)	No. of overall inspections 2021 -2023	No. of RO responsible detentions 2021 -2023	Low/medium Limit	Medium/high Limit	Excess factor	Performance level
Asia Shipping Certification Services	194	8	8	0	1.16	Low
Foresight Ship Classification	169	7	7	0	1.05	
Union Bureau of Shipping	596	15	18	6	0.75	Medium
Polski Rejestr Statkow	173	5	7	0	0.72	
Universal Maritime Bureau	569	12	17	5	0.55	
International Ship Classification	106	2	5	-1	0.48	
International Register of Shipping	374	7	12	3	0.45	
Korea Classification Society (former Josen Classification Society)	69	1	4	-1	0.42	
New United International Marine Services Ltd	114	1	5	-1	0.28	
Cosmos Marine Bureau	431	6	14	3	0.25	High
Biro Klasifikasi Indonesia	516	3	16	5	-0.44	
Overseas Marine Certification Services	1,801	19	46	26	-0.44	
Panama Maritime Documentation Services	1,663	15	43	23	-0.60	
Dromon Bureau of Shipping	258	0	9	1	-0.64	
Intermaritime Certification Services, S.A.	2,622	22	65	40	-0.80	
Indian Register of Shipping	308	0	11	2	-0.85	
CR Classification Society	452	1	14	4	-0.85	
Isthmus Bureau of Shipping	1,322	5	35	18	-1.24	
Vietnam Register	2,375	8	59	36	-1.46	
Russian Maritime Register of Shipping	463	0	15	4	-1.55	
RINA Services S.p.A.	4,038	8	96	66	-1.72	
KOREAN REGISTER	7,028	14	160	121	-1.74	
Nippon Kaiji Kyokai	27,393	42	586	509	-1.83	
Bureau Veritas	10,857	15	242	193	-1.83	
Lloyd's Register	11,843	16	262	211	-1.84	
DNV AS	19,213	17	417	352	-1.90	
American Bureau of Shipping	10,332	5	231	183	-1.94	
China Classification Society	7,524	3	171	130	-1.94	

Source: Tokyo MoU 2023 Annual Report

Note:

- 1) In this table, only ROs that had more than 60 inspections are accounted for. The formula is the same as the Black-Grey-White List. However, the values for P and Q have been adjusted to P=2% and Q=1%
- 2) ROs involving 60–179 inspections with zero detention are not included in this table.

3.3 USCG Inspections

In 2023, a total of 10,959 individual vessels, registered under 80 different flags made 81,854 ports of call to the United States. USCG conducted 8,278 examinations in 2023. These exam numbers decreased over the 2022 total of 8,706.

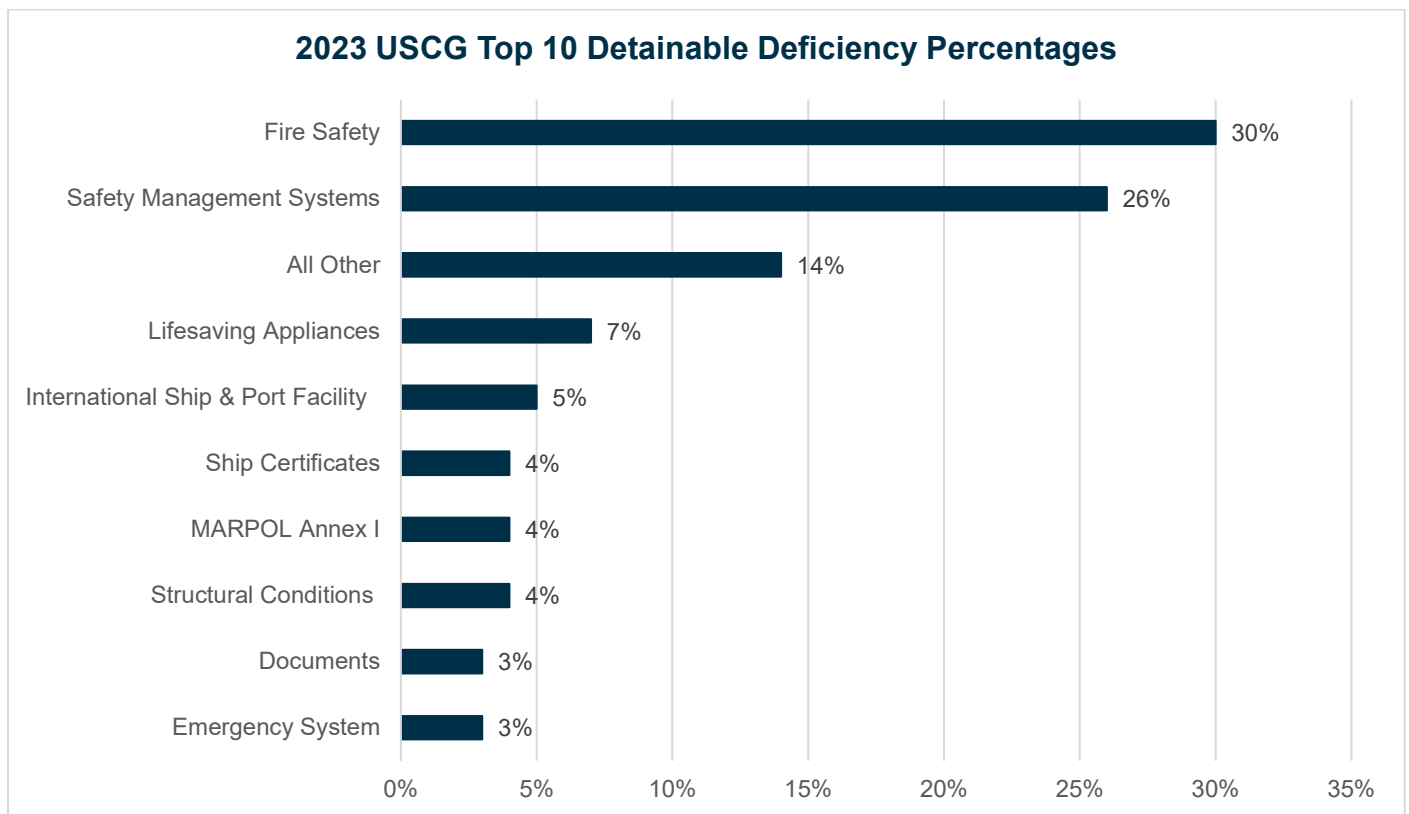
The total number of ships detained in 2023 for environmental protection, safety and security related deficiencies increased from 78 (2022) to 101 (2023).

ABS did not have any vessels that were identified as substandard and/or banned from operating in the United States in 2023.

The USCG 2023 PSC Annual Report may be accessed by clicking [CG-CVC Annual Reports \(uscg.mil\)](https://uscg.mil).

3.3.1 USCG Top 10 Detainable Deficiencies

Based on the USCG 2023 PSC Annual Report, the top 10 detainable deficiencies type by percentage for all vessels were:



Source: USCG 2023 PSC Annual Report

3.3.2 USCG Category of Deficiency

Based on the USCG 2023 PSC Annual Report, the PSC exam data per category of deficiencies for all vessels was as follows:

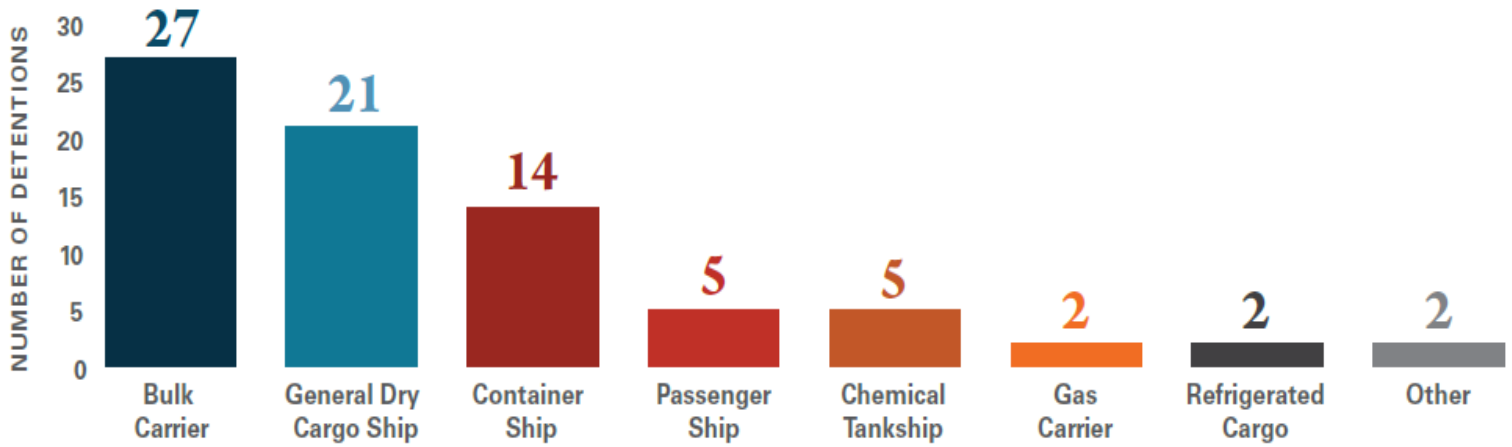
PSC Exam Data Per Category of Deficiencies

Category of deficiency		Number of deficiencies	Percent of total deficiencies
Ship's certificates and documents		173	1.75%
SOLAS	Stability, structure and related equipment	360	8.63%
	Propulsion and auxiliary machinery	323	7.74%
	Alarm signals	70	1.67%
	Fire safety measures	1,388	33.29%
	Life-saving appliances	489	11.72%
	Radiocommunications	45	1.07%
	Safety of navigation	132	3.16%
	Operational deficiencies	44	1.05%
	ISM-related deficiencies	232	5.56%
	ISPS	67	1.60%
	Other	239	5.73%
	MARPOL	Annex I	104
Annex II		4	0.09%
Annex III		0	0.00%
Annex V		32	0.76%
Annex VI		34	0.81%
Operational deficiencies		5	0.11%
STCW	Certification and watchkeeping for seafarers	29	0.69%
Load Lines		48	1.15%
AFS Convention		8	0.19%
ILO		285	6.83%
Other		58	1.39%

Source: USCG 2023 PSC Annual Report

3.3.3 USCG Detentions Per Ship Type

Based on the USCG 2023 PSC Annual Report, the number of detentions per ship-type for all vessels were:



Source: USCG 2023 PSC Annual Report

3.3.4 USCG Performance of ROs

Performance of ROs is measured over a three-year rolling period. ABS, as the acting RO, was not held responsible for any detentions from 2021 to 2023. For the calendar year 2023, ABS was ranked number one for the USCG performance of ROs.

2023 Recognized Organization Safety Compliance Performance

Recognized Organizations with a detention ratio greater than 2.00% will be considered as Priority I for the approval requirements outlined in 46 CFR 2.45-15(a)(2).

Recognized Organization (RO)*	Abbreviations	Vessel Examinations				RO-Related Detentions				
		2021	2022	2023	Total	2021	2022	2023	Total	Ratio
American Bureau of Shipping	ABS	2,366	1,747	1,737	5,850	-	-	-	-	0.00%
Bulgarian Register of Shipping	BKR	12	9	8	29	-	-	-	-	0.00%
Bureau Veritas	BV	1,643	1,309	1,250	4,202	5	1	-	6	0.14%
China Classification Society	CCS	227	272	238	737	-	-	-	-	0.14%
CR Classification Society	CR	11	18	12	41	-	-	-	-	0.00%
Croatian Register of Shipping	CRS	17	15	16	48	-	-	-	-	0.00%
DNV GL	DNV	4,064	3,376	3,392	10,832	-	1	1	2	0.01%
Hellenic Register of Shipping	HRS	12	4	4	20	-	-	-	-	0.00%
Horizon International Naval Survey and Inspection Bureau	HNS	10	2	4	16	-	-	-	-	0.00%
Indian Register of Shipping	IRS	10	15	13	38	-	-	-	-	0.00%
International Register of Shipping	IROS	11	2	2	15	-	-	-	-	0.00%
Korean Register	KR	428	387	381	1,196	-	-	-	-	0.00%
Lloyd's Register	LR	2,774	2,542	2,282	7,598	1	1	5	7	0.09%
Macosnar Corporation	MC	-	-	1	1	-	-	-	-	0.00%
National Shipping Adjusters Inc	NASHA	25	21	18	64	-	-	-	-	0.00%
Nippon Kaiji Kyokai	NKK	2,660	2,286	2,097	7,043	1	-	3	4	0.05%
Overseas Certification Services, Inc	OCS	4	6	5	15	-	-	-	-	0.00%
Panama Bureau of Shipping	PBS	2	-	1	3	-	-	-	-	0.00%
Panama Maritime Documentation Service	PMDS	83	30	28	141	1	1	-	2	1.41%
Panama Maritime Surveyors Bureau	PMS	26	16	7	49	-	-	-	-	0.00%
Phoenix Register of Shipping	PHRS	-	1	-	1	-	-	-	-	0.00%
Polski Rejestr Statkow	PRS	28	25	19	72	-	-	-	-	0.00%
Qualitas Register of Shipping	QRS	-	2	-	2	-	-	-	-	0.00%
RINA Services S.p.A.	RINA	537	500	529	1,566	1	1	-	2	0.12%
Rinava Portuguesa	RP	53	10	8	71	-	-	-	-	0.00%
Russian Maritime Register of Shipping	RS	61	32	19	112	-	-	-	-	0.00%
Universal Shipping Bureau	USB	8	3	2	13	-	-	-	-	0.00%
Conarina Group	CNRIN	56	49	44	149	1	1	1	3	2.01%
Intermaritime Certification Services	IMC	19	15	9	43	-	-	1	1	2.32%
Isthmus Bureau of Shipping	IBS	25	29	21	75	-	-	2	2	2.66%
International Naval Surveys Bureau	INSB	16	10	9	35	1	-	2	3	8.57%
Vega Register	VGRS	-	5	-	5	-	1	-	1	20.00%
Dromon Bureau of Shipping	DBS	-	3	1	4	-	2	-	2	50.00%

* Organizations with fewer than five total exams and no detentions may not be listed.

Source: USCG 2023 PSC Annual Report

4. Paris and Tokyo MoU Concentrated Inspection Campaign (CIC)

Paris and Tokyo MoU conducted a Concentrated Inspection Campaign (CIC) on Fire Safety from Sept. 1, 2023, to Nov. 30, 2023.

Tokyo MoU published results for this period as follows:

- During the CIC period, a total of 8,273 PSC inspections were conducted by the member Authorities, of which 7,190 (86.91 percent) were with a CIC inspection.
- A total of 2,860 CIC related deficiencies were found on 1,287 ships, representing 17.9 percent of the CIC inspections.
- The highest compliance was observed on means of control for power ventilation of machinery spaces operable from two grouped positions with 99.69 percent positive results, which indicates a high level of compliance in this area.
- The highest levels of non-compliance were found on fire drills, where 8.44 percent of those drills witnessed as part of CIC were unsatisfactory.
- 88 ships subject to the CIC inspection were detained as a direct result of the campaign.

Comparing the 1.22 percent CIC related detention rate and 3.77 overall detention rate during the period, the outcome of the CIC indicates a high level of compliance with fire safety areas related to the CIC.

The Paris and Tokyo MoUs will conduct a CIC on crew wages and Seafarer Employment Agreements (SEAs) under the Maritime Labour Convention (MLC) from September 1st, 2024 to November 30th, 2024. This campaign focuses on specific areas of concern identified by Port State Control (PSC) regimes.

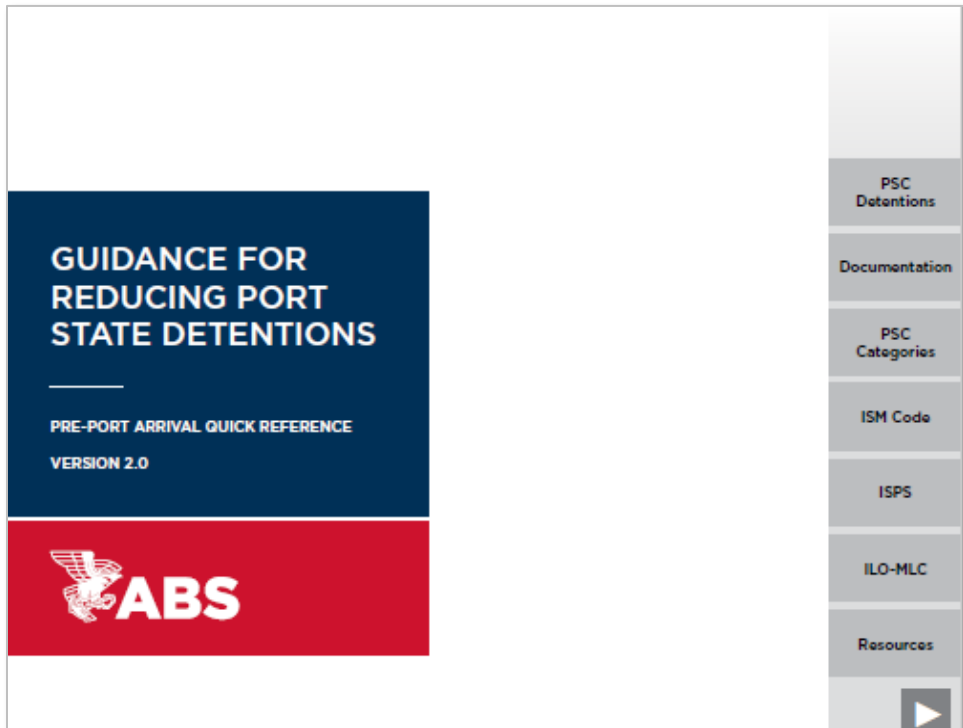
5. Industry Links for Port State Control

Paris MoU	www.parismou.org
Tokyo MoU	www.tokyo-mou.org
United States Coast Guard	www.dco.uscg.mil
Mediterranean MoU	www.medmou.org/home.aspx
Black Sea MoU	www.bsmou.org
Indian Ocean MoU	www.iomou.org
Caribbean MoU	caribbeanmou.org
Acuerdo de Viña del Mar	https://alvm.prefectura naval.gob.ar
Abuja MoU	www.abujamou.org
Riyadh MoU	www.riyadh mou.org

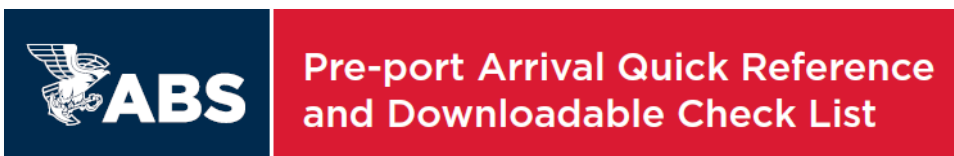
6. Additional Resources

Additional Resources may be found on the ABS website at eagle.org.

a. Guidance for Reducing Port State Detention



b. Pre-port Arrival Quick Reference and Downloadable Check List

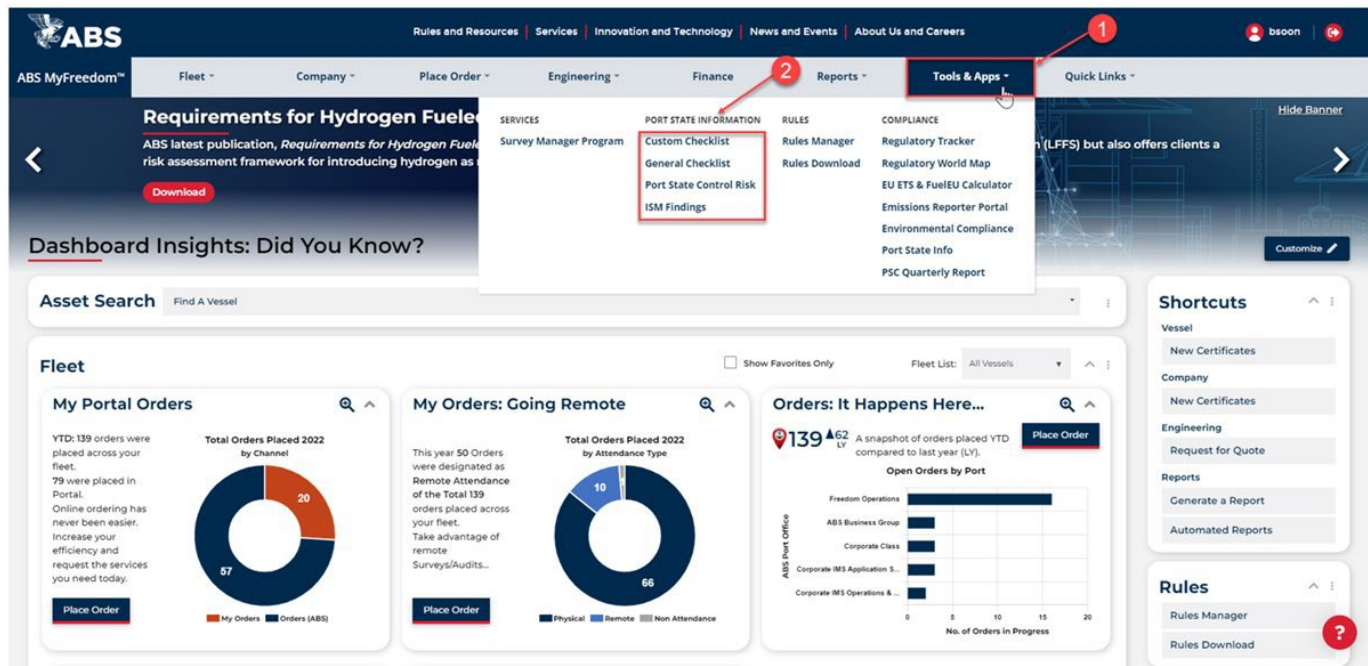


c. Port State Control Applications on the ABS My Freedom™ client portal

This service is available to ABS clients who already have an account in the ABS MyFreedom™ client portal. Please follow the below listed steps to access the Port State Information via the MyFreedom™ client portal.

1. Login to ABS MyFreedom™ client portal account.
2. Hover mouse on Tools & App from the navigation menu.
3. Under Port State Information you will see the below:

- **Custom Checklist:** ABS Port State Control checklist based on global historical information.
- **General Checklist:** ABS Port State Control refined checklist based on reported port-specific insights and vessel type information.
- **Port State Control Risk:** Produce reports, using smart analytics, to see top Port State Control issues for your destination port matched to vessel class records.
- **ISM Findings:** Produce reports, using smart analytics, to see top Port State Control ISM reported concerns for your destination port matched to vessel ABS ISM records.



7. ABS Contact Information: If Your Ship is Detained

Owners and representatives are to notify ABS when a vessel is being detained by a Port State Authority or flag Administration. If the owner does not notify ABS of a detention, then ABS reserves the right to suspend or cancel classification of the vessel or invalidate the applicable statutory certificates. ABS can assist the owner and/or Master with clearing the vessel from a port State detention.

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Local Port Office Contact

[Contact Us \(eagle.org\)](http://eagle.org)