



PORT STATE CONTROL INSPECTION STATISTICS REPORT 2020

This is the port State inspection statistics summary report for 2020, the year the world was plagued by Corona virus pandemic (COVID-19) with resultant negative impact on world shipping.

A total of 50,328 and 52,182 number of vessels visited the region in 2019 and 2020 respectively. The increase in the number of vessels calling at the region did not directly translate to increase in the inspection rate due to the direct impact of COVID-19 on physical visitation as noted by all the regions and maritime nations. In spite of the pandemic, fourteen (14) member States in Abuja MoU region submitted PSC inspection reports namely: Benin(191); Republic of Congo(320); Democratic Republic of Congo(13); Cote d'Ivoire(166); Gabon(247); Gambia(39); Ghana(156); Guinea(107); Liberia(21); Nigeria(634); Senegal(202); Sierra Leone(6); South Africa(154) and Togo(81). As in the last nine years, the PSC inspection statistical data in this Report were generated from the computerized central database of Abuja MoU Information System (AMIS).

In summary, a total of 2337 inspections were carried out on 2164 individual ships. 9 of these vessels were detained for deficiencies during the year, resulting in a 57% decrease in the number of detentions below 2019 figures of 21 detentions. The detention percentage per inspection of 0.39% in 2020 gives a 50% decrease below the 0.78% recorded in 2019. The spread of one deficiency for every 3.8 inspections in 2019 decreased to 2.5 inspections per deficiency in 2020. The region recorded a 13.3% decrease in inspection from 2695 in 2019. The same number of Administrations (14) submitted inspection reports in the year under review as in 2019. The total ship calls to the fourteen (14) member States that carry out PSC inspections are 50,328 and 52,182 in 2019 and 2020 respectively. While the total inspections carried out by these fourteen member States are 2695 and 2337 in 2019 and 2020 respectively. Therefore, percentage inspections per ship calls in the region are 5.36% and 4.15% in 2019 and 2020 respectively.

A total of 937 deficiencies were recorded which is higher than the 2019 figure of 719. Correspondingly, the total number of 252 inspections-with-deficiencies is higher than the 222 figures of 2019. The percentage inspections-with-deficiencies of 10.8 in 2020 is 31.1% increase above the 2019 figures of 8.24. The analysis of this result could be a combination of many factors including the fact that our Port State Officers are more thorough and have improved their inspection skills and frugal observation that performances of sea-farers took a dive due to COVID-19. However, the actual reasons can only be determined if a survey is carried out.

With respect to the categories of deficiencies, the most deficiencies were recorded on:

- Ship's certificates and documents 121 (12.91%);

- Living and Working conditions 109 (11.63%);
- Propulsion and Auxiliary Machinery 99 (10.57%);
- Safety of Navigation 96 (10.25%);
- Fire safety 84 (8.96%);
- Structural conditions 65 (6.94%);
- Life-saving appliances 50 (5.34%);
- Emergency Systems 41 (4.38%).
- ISM 46 (4.91%)

It is noteworthy that one deficiency out of every eight deficiencies recorded was related to Ship's certificates and documents, which is 12.91% of all deficiencies recorded. It is also the topmost defective item recorded under SOLAS closely followed by Living and Working conditions, Propulsion and Auxiliary Machinery, Safety of Navigation and Fire safety.

Twenty-two (22) ship types were inspected in the year under review. The highest number of ship inspections relating to ship type were conducted on Bulk Carriers 925 (39.6%), followed by Container ships 399 (17.1%), Oil Tankers 278 (11.9%), General Cargo/multipurpose vessels 256 (11.0%), Refrigerated cargo vessels 140 (6.0%), Combination carrier 85 (3.6%), and Chemical Tankers 65 (2.8%) concludes the top seven most inspected ship types.

A total of 252 of the inspections conducted generated 937 deficiencies. The most notable deficiencies were related to:

- Ship's certificates and documents 12.91%;
- SOLAS Convention 55.7%;
- MARPOL Convention 8.1%;
- STCW Convention 2.6%;
- Load Line Convention 3.2%;
- ILO (MLC, 2006) 13.2%.

Against the backdrop of the relevant instruments for the Abuja MoU PSC regime, SOLAS related deficiencies still ranks the highest with 55.7% of all deficiencies recorded. The number of detentions decreased to nine (9) from the 2019 figures of 21. The detentions recorded were: 33.3% for Bulk Carrier; 22.2% for Offshore Supply; 22.2% for Container ship; 11.1% each for Refrigerated cargo ship and Tugboat.

The total ship calls in the region for 2020 is 52,182 and the total 15% commitment of inspection expected in the region is 7,777. In total, the performance percentage inspection by member States for the year 2020 is 4.5% (2337 inspections), which is far below the target of 15% (7777 inspections) for the region. Possibly due to COVID-19 pandemic, the performance percentage inspection of the year under review of 4.5% is less than the previous year, 2019, of 5.36%. Only one member State Gabon (16.1%) was able to achieve the target of inspection performance of ship calls in 2020. Four member States that recorded actual numerical increase in PSC inspections over the previous year were: Congo (197 to 320), Gabon (2 to 247), The Gambia (12 to 39), and Sierra Leone (1 to 6).

Twelve States - Benin, Congo, Cote d'Ivoire, Democratic Republic of Congo, Gambia, Ghana, Guinea, Liberia, Nigeria, Senegal, Sierra Leone and South Africa upload PSC inspection reports directly into AMIS database. Two States, Gabon and Togo, still email scanned copies or courier photocopies of inspections forms to the Secretariat for uploading by the staff. Considering that one of the purposes of inspection database is to assist PSCOs conduct initial online search on the visiting ships, member States are encouraged to input inspection results directly into the AMIS database immediately after an inspection is completed. One of the greatest challenges in Abuja MoU region is the uploading of PSC inspections immediately after the PSC Officers have visited the vessels.

TABLE 1: Inspection Data by Authority

TABLEAU 1: Données d'Inspection par Autorités

Authority	No. of Inspections	No. of Detailed Inspections	No. of Inspections with Deficiencies	No. of deficiencies	Percentage of Inspections with Deficiencies	No. of detentions	Detention percentage
Benin	191						
Republic of Congo	320						
Congo DRC	13						
Cote d'Ivoire	166						
Gabon	247		5	16			
Gambia	39		2	3			
Ghana	156		86	358		2	1.28%
Guinea	107		2	2			
Liberia	21		1	1			
Nigeria	634		90	285		5	0.79%
Senegal	202		26	109			
Sierra Leone	6						
South Africa	154		40	163		2	1.30%
Togo	81						
TOTAL	2337		252	937		9	0.39%

CHART 1: Ratio of Total Inspections
Diagramme 1: Ratio d'Inspections Total

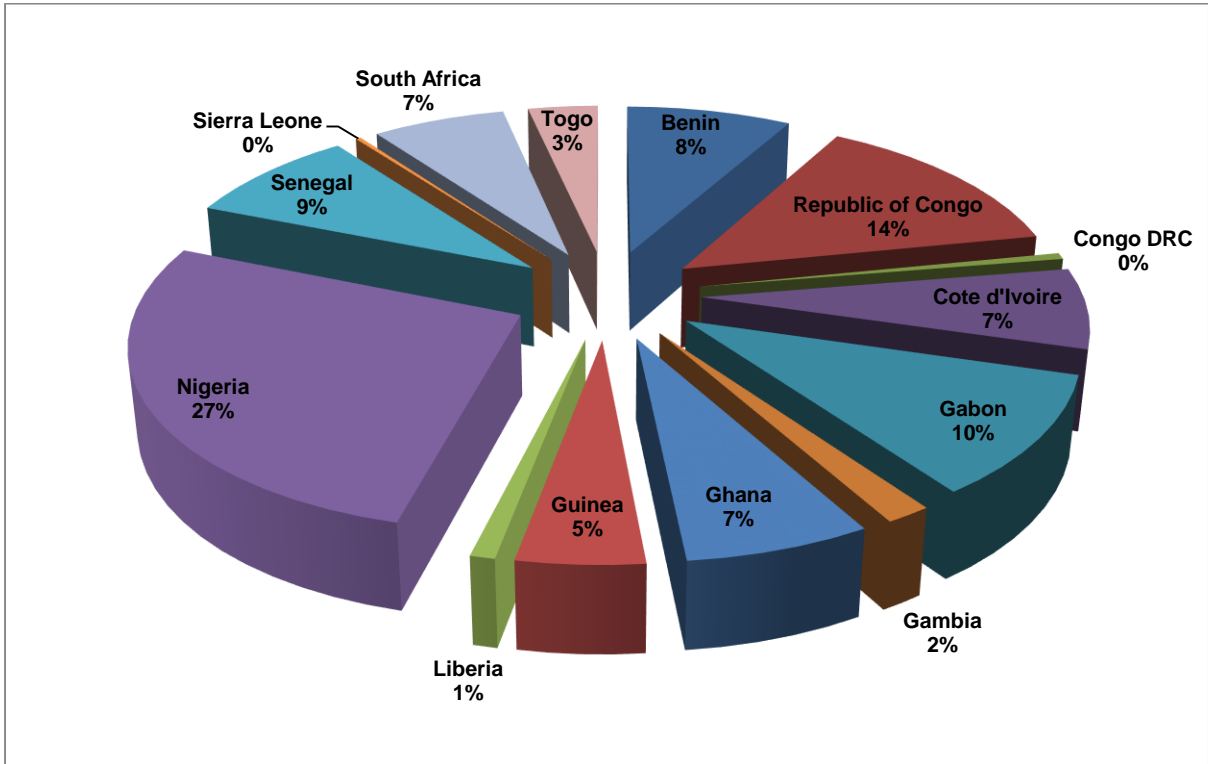


CHART 2: Ratio of Inspections with Deficiencies
Diagramme 2: Ratio d' Inspections avec Défectuosités

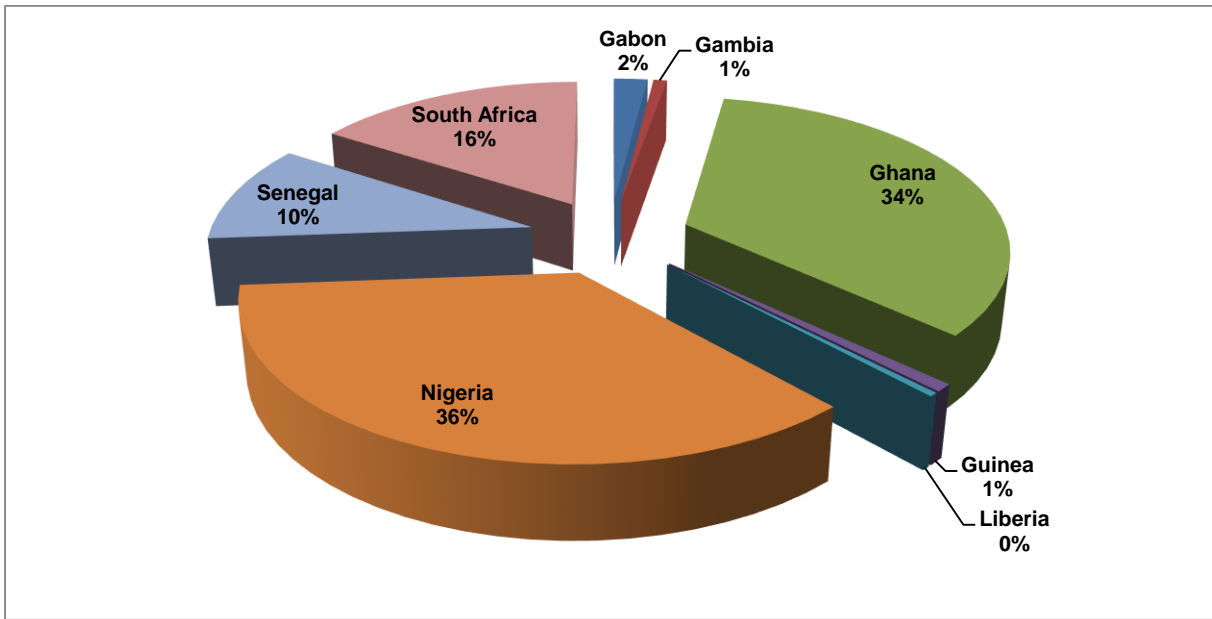


CHART 3: Total Inspections, Deficiencies and Detentions
Diagramme3: Inspections totales, Défectuosités et Immobilisation

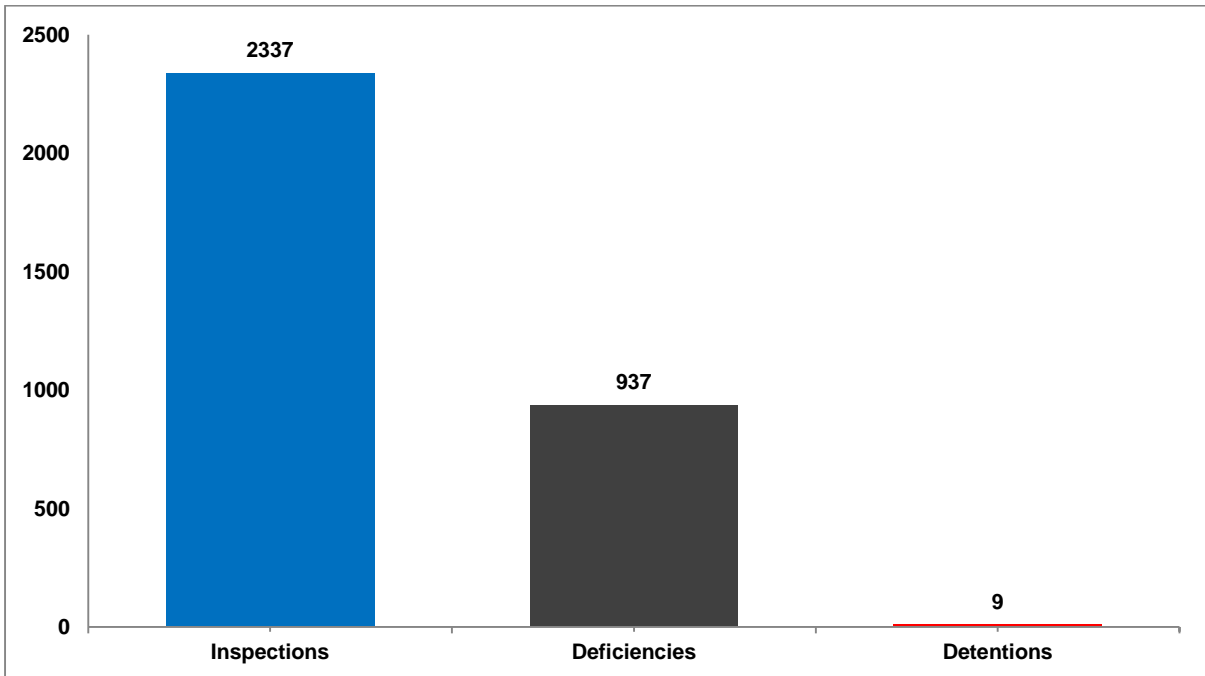


CHART 4: Total Inspections and number of Inspections with deficiencies

Diagramme 4: Nombre des Inspections et Nombre d'Inspections avec Défectuosités

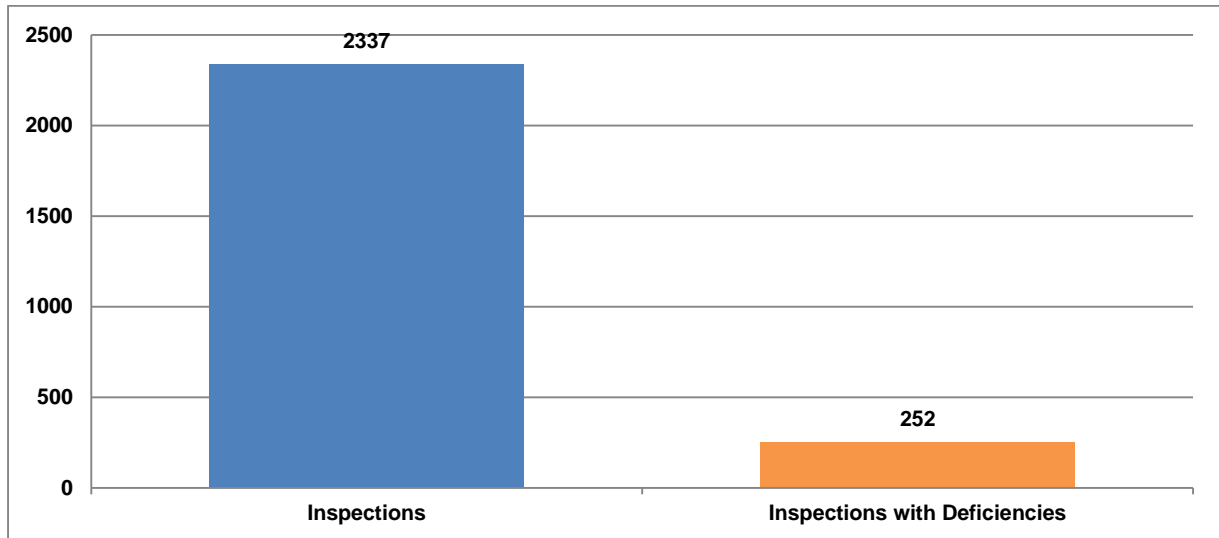


CHART5: Number of Inspections with Detention Percentage

Diagramme 5: Nombre d' Inspections avec Pourcentage d'Immobilisation

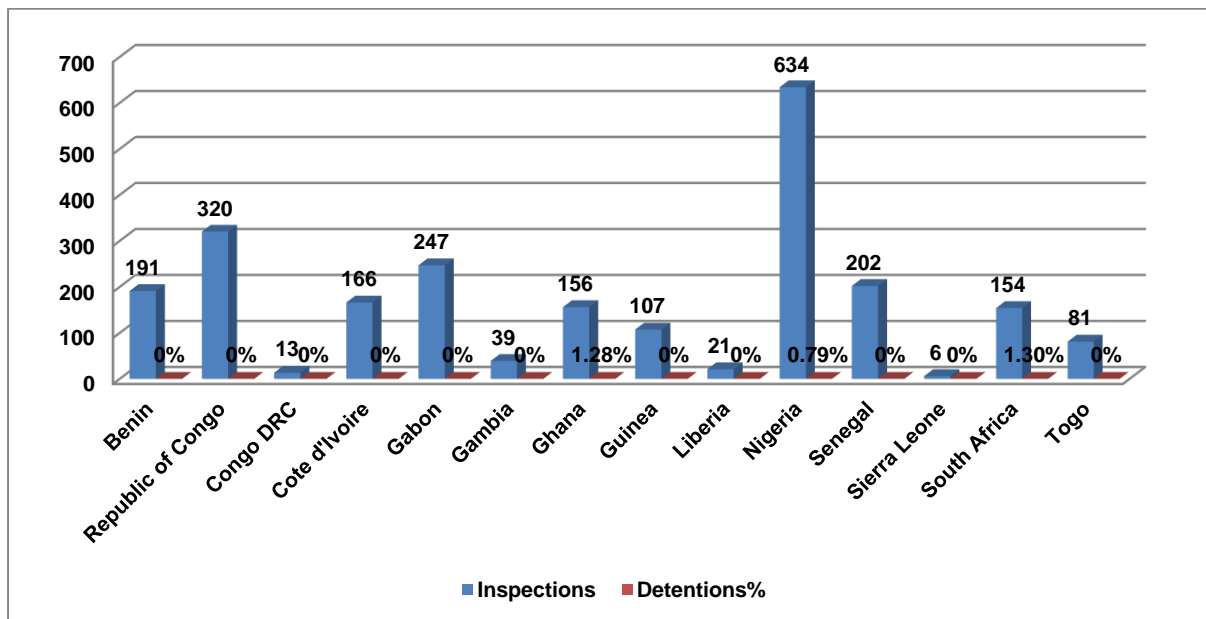


CHART 6: Percentage of Detentions (Detentions as percentage of Total Inspections)

Diagramme 6: Pourcentage et d'Immobilisation (Immobilisations en pourcentage du nombre total d'inspections)

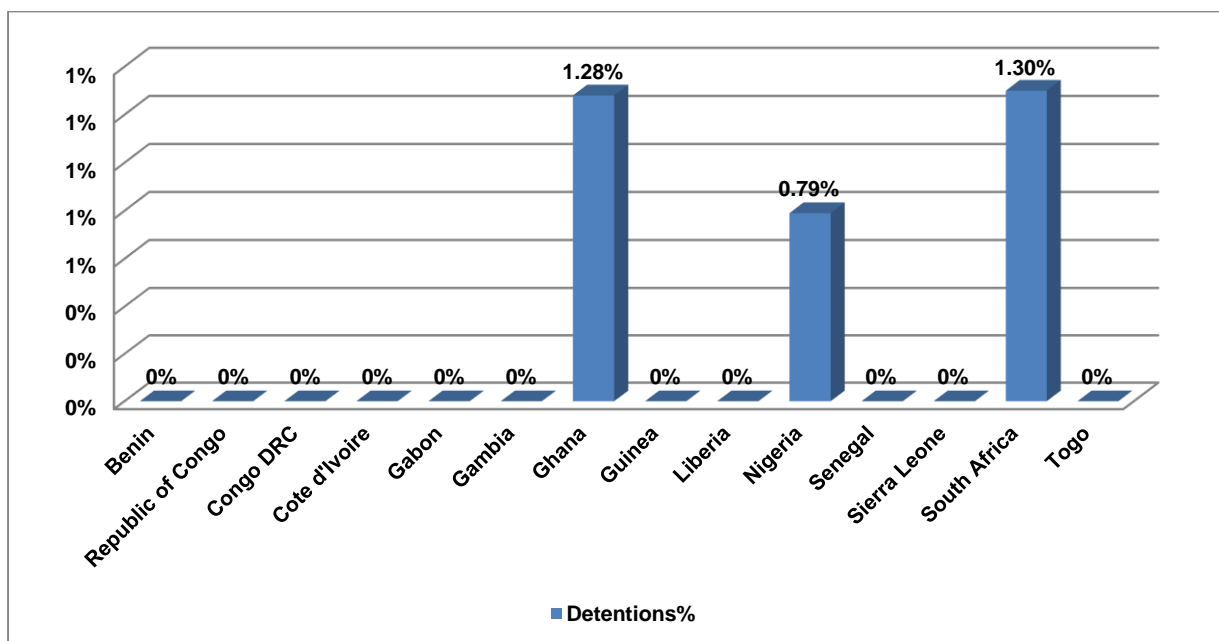


TABLE 2: Inspection Data by Flag

TABLEAU 2: Données d'Inspection par pavillon

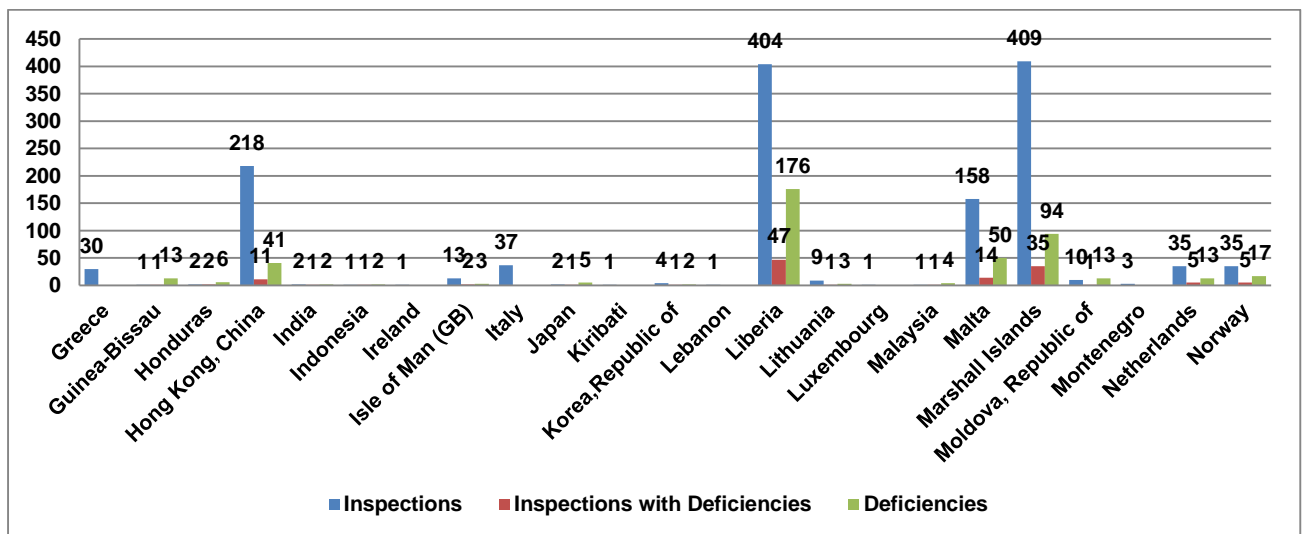
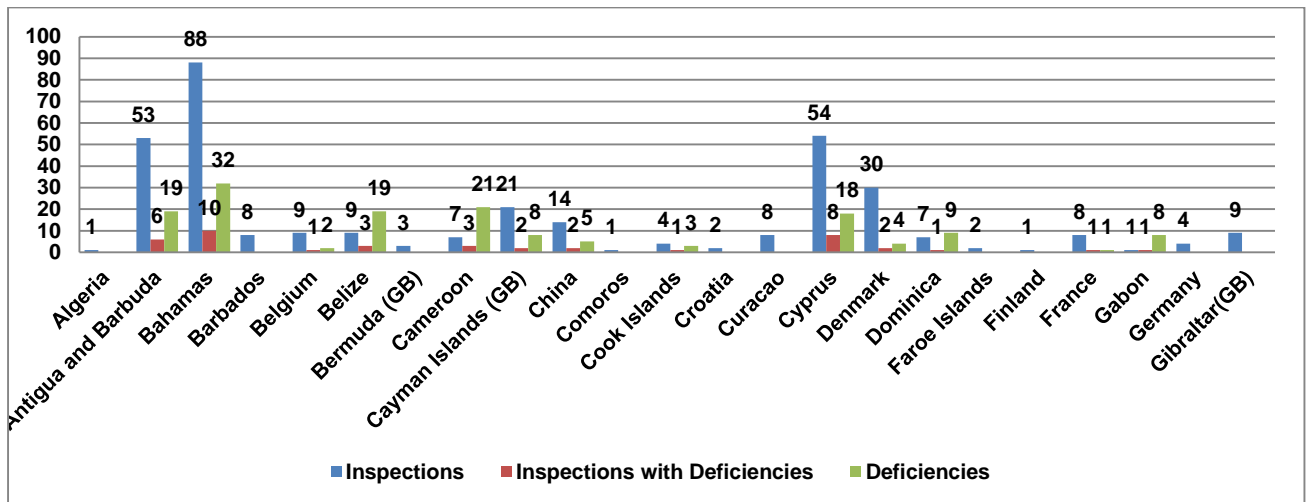
Ship flag	No. of Inspections	No. of Inspections with Deficiencies	No. of Deficiencies	Percentage of Inspections with Deficiencies	No. of Detentions	Detention Percentage
Algeria	1					
Antigua and Barbuda	53	6	19			
Bahamas	88	10	32			
Barbados	8					
Belgium	9	1	2			
Belize	9	3	19			
Bermuda (GB)	3					
Cameroon	7	3	21			

Cayman Islands (GB)	21	2	8		
China	14	2	5		
Comoros	1				
Cook Islands	4	1	3		
Croatia	2				
Curacao	8				
Cyprus	54	8	18		
Denmark	30	2	4		
Dominica	7	1	9		
Faroe Islands	2				
Finland	1				
France	8	1	1		
Gabon	1	1	8		
Germany	4				
Gibraltar(GB)	9				
Greece	30				
Guinea-Bissau	1	1	13		
Honduras	2	2	6		
Hong Kong, China	218	11	41		
India	2	1	2		
Indonesia	1	1	2		
Ireland	1				
Isle of Man (GB)	13	2	3		
Italy	37				
Japan	2	1	5		
Kiribati	1				
Korea, Republic of	4	1	2		
Lebanon	1				
Liberia	404	47	176	2	0.50%
Lithuania	9	1	3		
Luxembourg	1				
Malaysia	1	1	4		
Malta	158	14	50	1	0.63%
Marshall Islands	409	35	94	1	0.24%

Moldova, Republic of	10	1	13		
Montenegro	3				
Netherlands	35	5	13		
Norway	35	5	17		
Pakistan	1				
Palau	3				
Panama	340	50	216	3	0.88%
Philippines	4				
Portugal	38	1	3		
Qatar	4				
Russian Federation	6	2	7		
Saint Kitts and Nevis	1	1	2		
Saint Vincent and the Grenadines	12	1	5		
Senegal	1				
Singapore	132	12	27	1	0.76%
Spain	3	1	2		
Switzerland	5	1	5		
Taiwan, China	1				
Thailand	6				
Togo	8	5	52		
Turkey	13	1	6		
Tuvalu	10	2	4		
United Arab Emirates	1	1	1		
United Kingdom	7				
United States	3	1	1		
Vanuatu	10	2	12	1	10.00%
Vietnam	6	1	1		
TOTAL	2337	252	937	9	0.39%

CHART 7: Flag State Performance Showing Inspections, Inspections with Deficiencies and Number of Deficiencies

Diagramme 7: Performance des Etats Pavillons montrant les Inspections, Inspections avec Défectuosités et nombre de Défectuosités



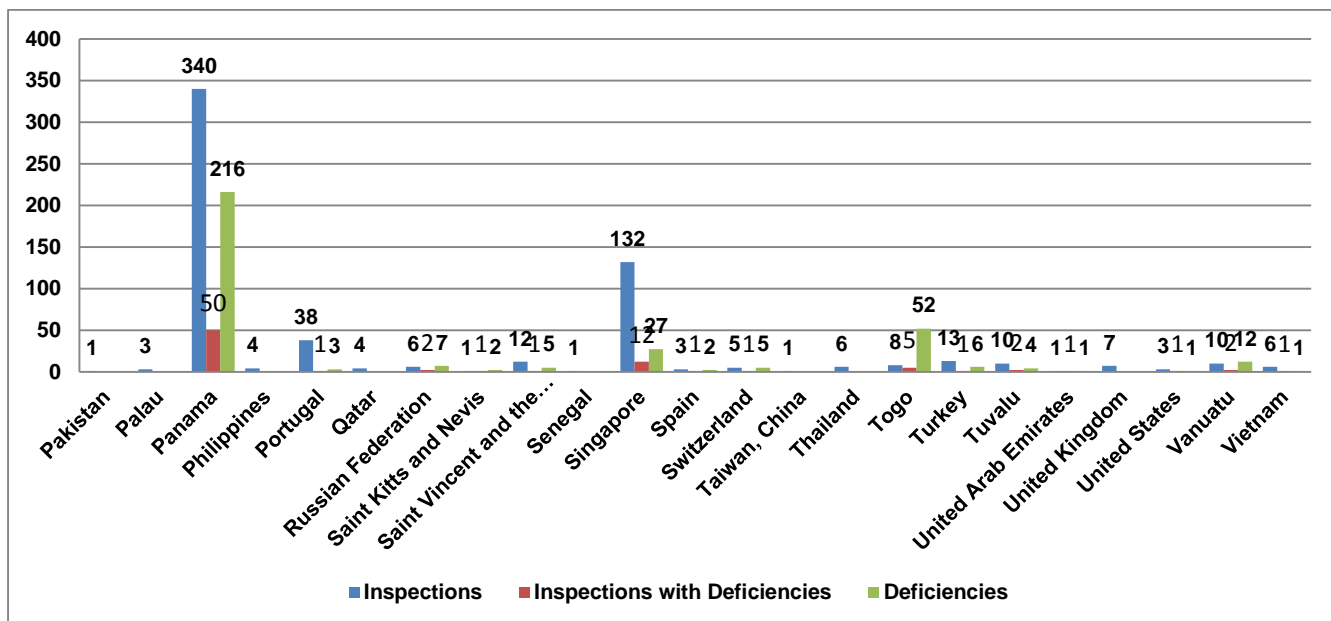


CHART 8: Inspections with Deficiencies by Flag

Diagramme 8: Inspections avec Défectuosités par Pavillon

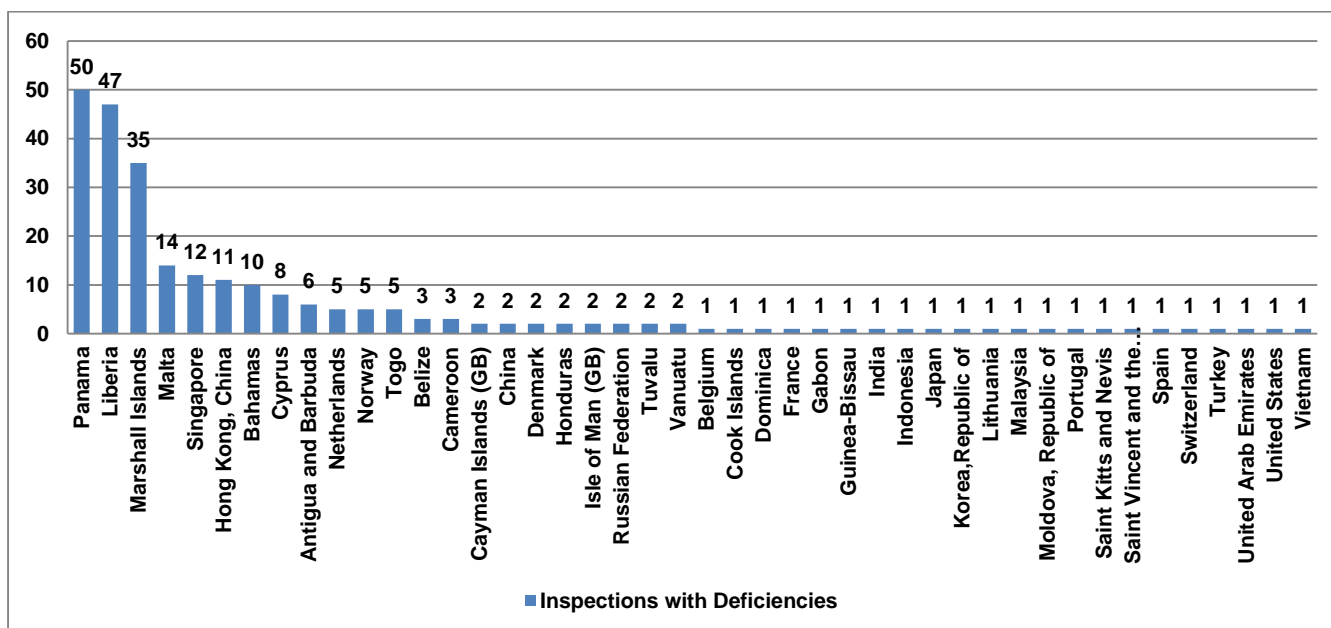


TABLE 3: Inspection Data by Ship

Type

TABLEAU 3: Données d'Inspection par Type de Navire

Ship Type	No. of Inspections	No. of Inspections with Deficiencies	No. of Deficiencies	Percentage of Inspections with Deficiencies	No. of Detentions	Detention percentage
Bulk carrier	925	91	357		3	0.32

Combination carrier	85	6	15			
Container	399	45	118		2	0.5
Chemical tanker	65	6	20			
Fish factory	2					
Gas carrier	33	3	8			
G.cargo/multipurpose	256	43	179			
Heavy Load	2					
MODU and FPSO	1					
Offshore supply	45	8	30		2	4.44
Oil tanker	278	19	91			
OILCHEM	10					
Oil tanker/Gas carrier (OILGAS)	1					
Passenger Ship	6	1	8			
Refrigerated cargo	140	21	79		1	0.71
Ro-Ro cargo	52	1	4			
Ro-Ro passenger ship	4	1	2			
Special purpose ship	5	2	6			
Tugboat	4	1	7		1	25
Vehicle carrier	6					
Woodchip carrier	3	1	5			
Other special Activities	15	3	8			
TOTAL	2337	252	937		9	0.39

CHART 9: Ratio of Inspections with Deficiencies by Ship Type
Diagramme 9: Ratio des Inspections avec Défectuosités par type de Navire

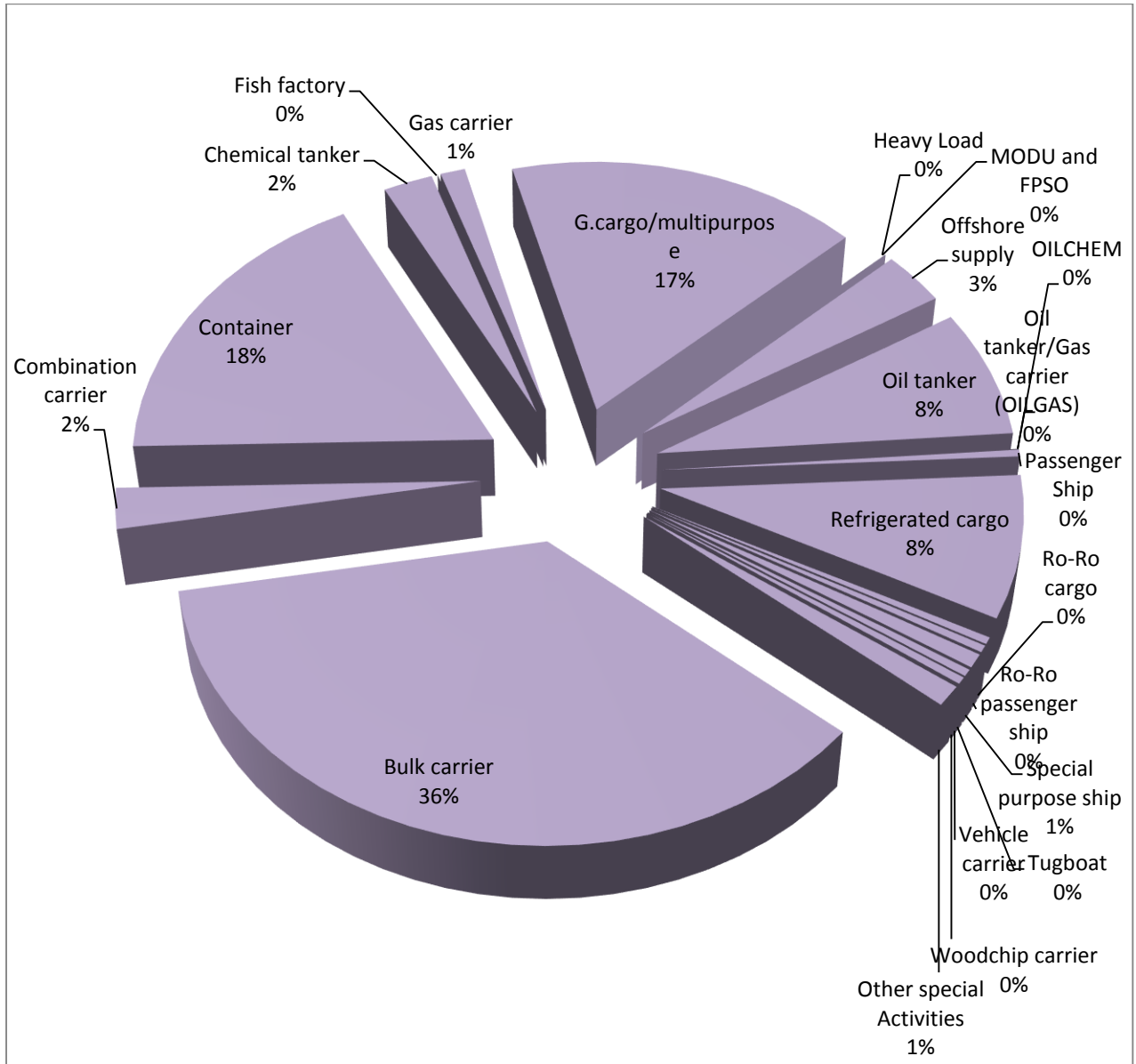


CHART 10: Number of individual Ships with Deficiencies Detected by Vessel Type

Diagramme 10: Nombre de Navires Individuels avec Défectuosités Détectées par type de navire

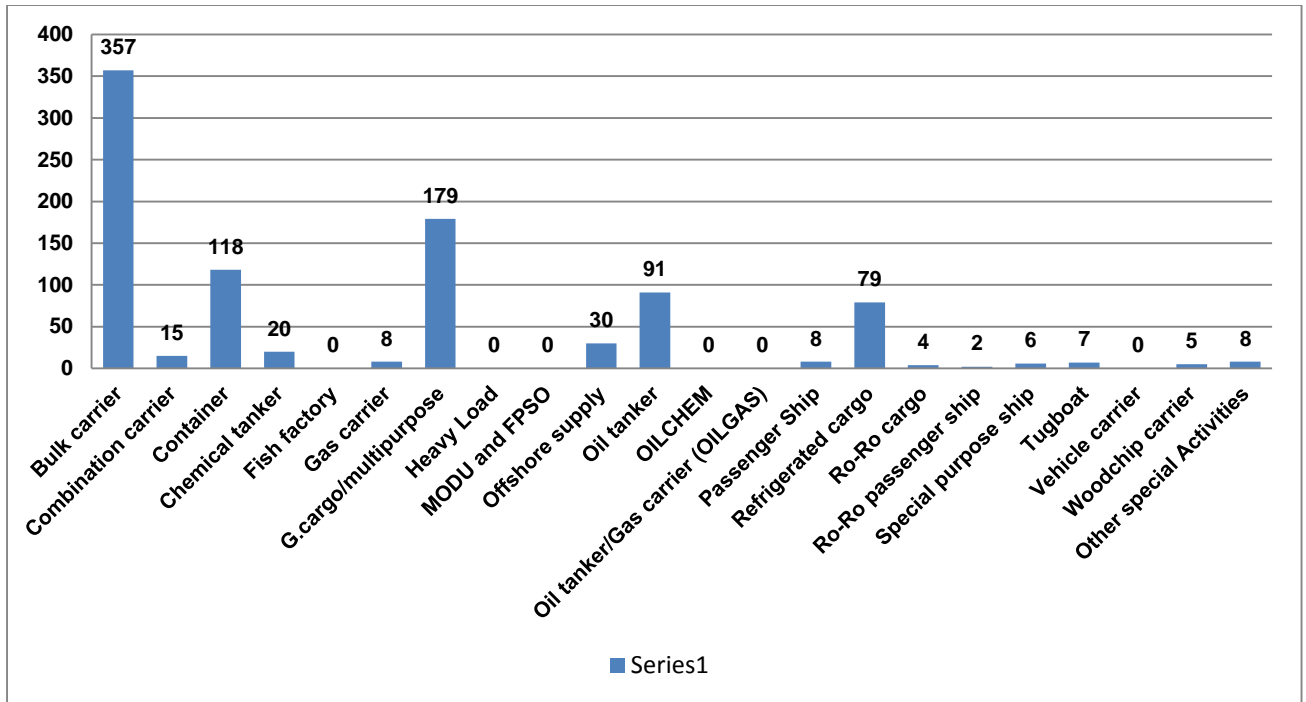


CHART 11: Number of Deficiencies per Inspection

Diagramme 11: Nombre de Défectuosités par Inspection

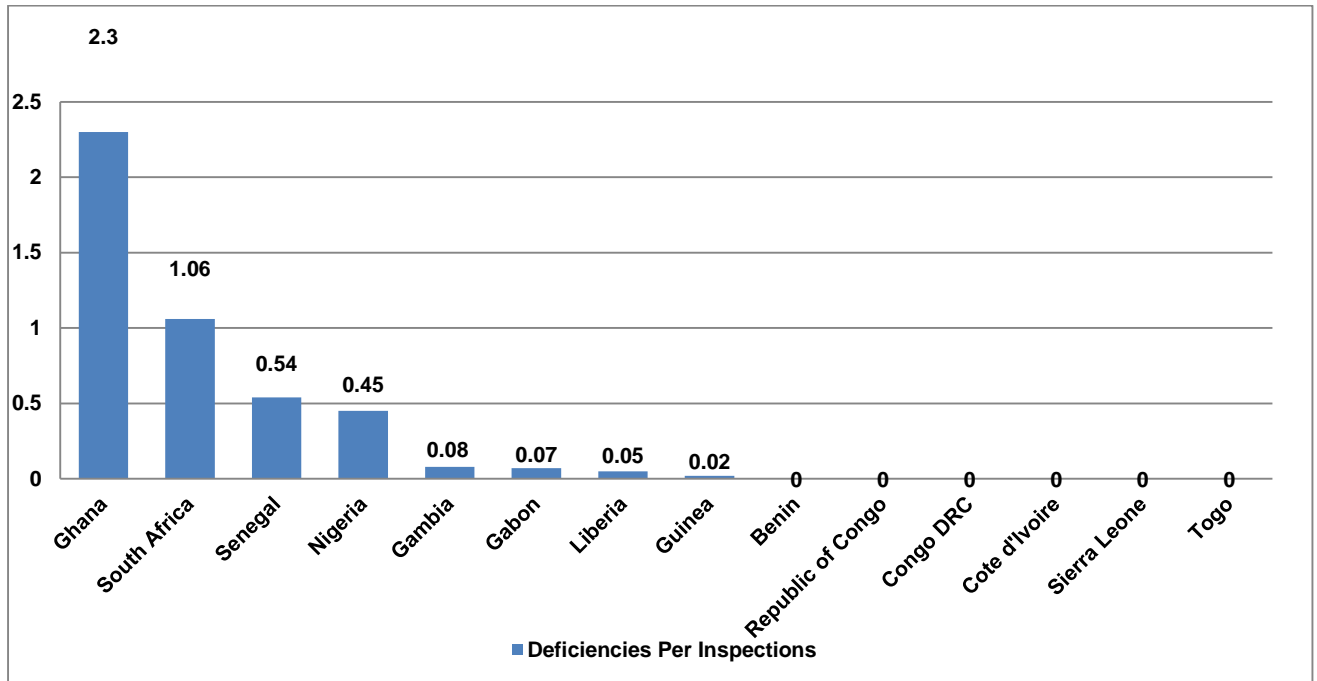


CHART 12: Performance by Ship Type Showing Inspections, Inspections with Deficiencies and Number of Deficiencies

Diagramme 12: Performance par Type de Navire montrant les inspections, Inspections avec Défectuosités et Nombre de Défectuosités

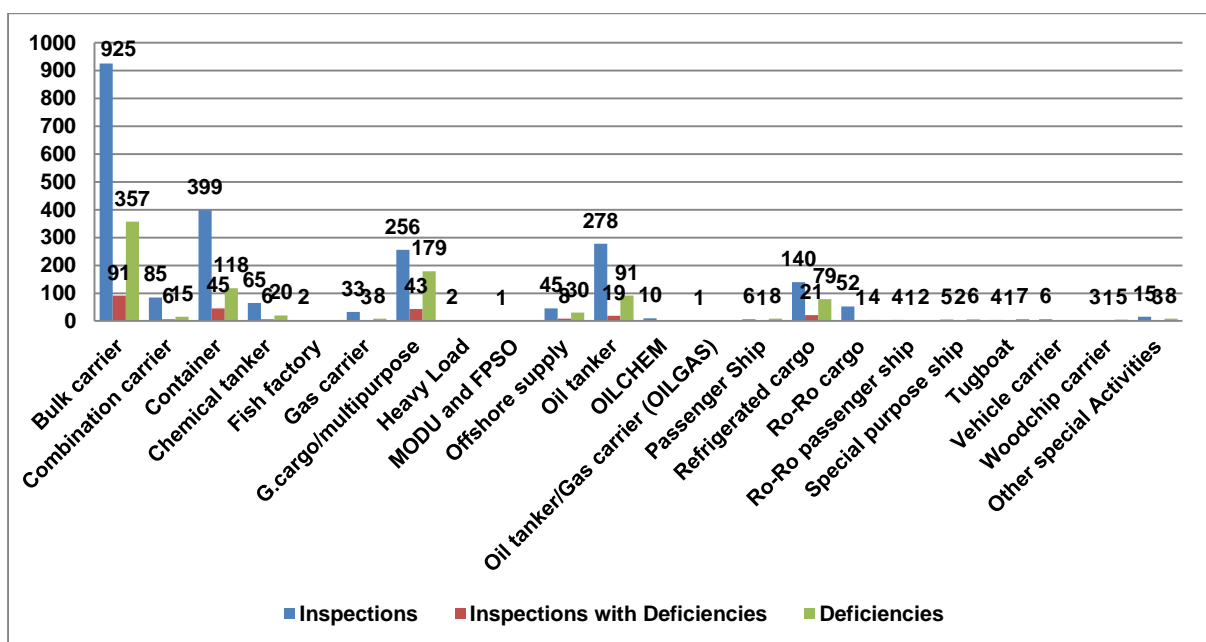


CHART 13: Performance by Ship Type Showing Inspections with Deficiencies and Number of Deficiencies

Diagramme 13: Performance par Navire montrant Inspections avec Defectuosités et Nombre de Défectuosités

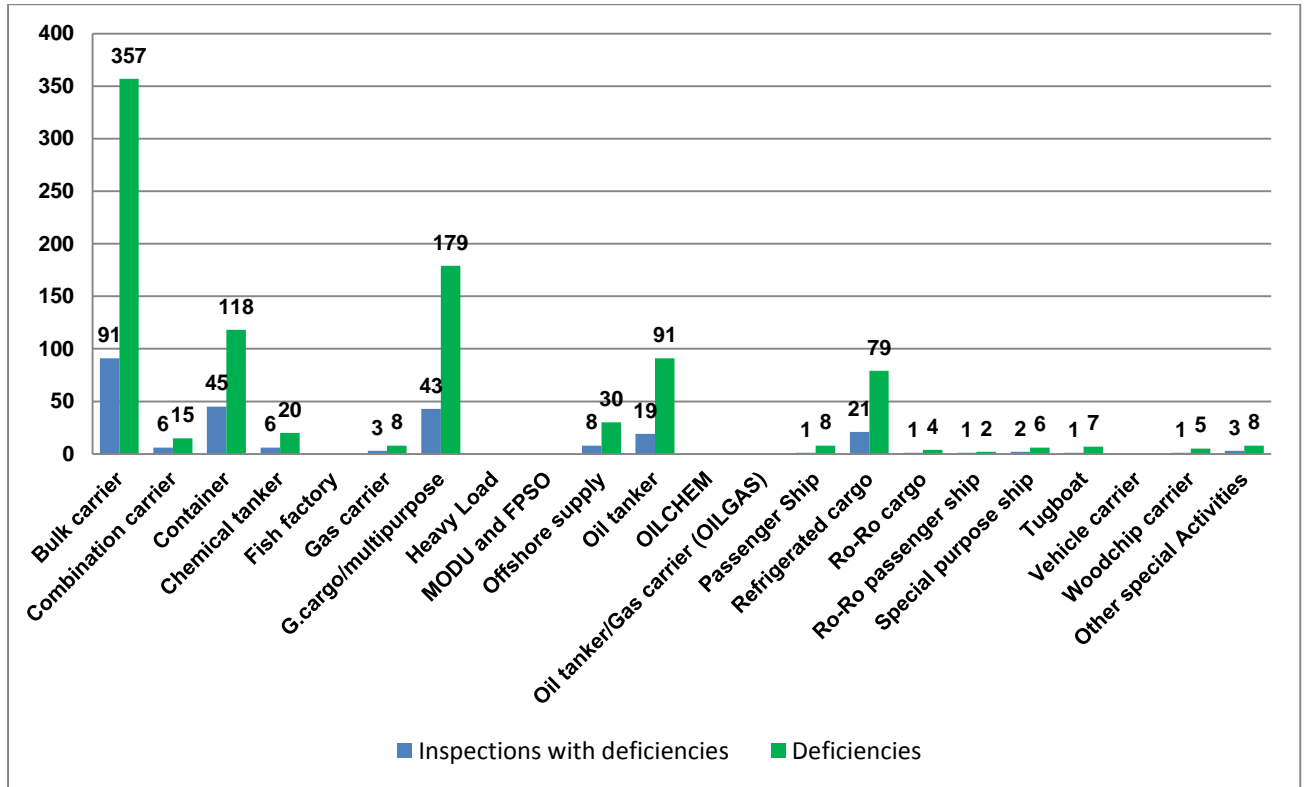


TABLE 4: Inspection Data per Category of Deficiency

TABLEAU 4: Données d' Inspection par Catégorie de Défectuosités

Category of Deficiency		Number of Deficiency	Percentage of Total Deficiencies
Ship's certificates and documents		121	12.91
SOLAS	Structural Conditions	65	6.94
	Emergency Systems	41	4.38
	Radio Communications	20	2.13
	Fire safety	84	8.96
	Alarms	9	0.96
	Cargo Operation including equipment	4	0.43

	Safety of Navigation	96	10.25
	Life saving appliances	50	5.34
	Propulsion and auxiliary machinery	99	10.57
	ISM	46	4.91
	ISPS	8	0.85
MARPOLS	Annex I	36	3.84
	Annex III	3	0.32
	Annex IV	26	2.77
	Annex V	10	1.07
	Annex VI	1	0.11
STCW	Certificate and Documentation - Crew Certificates	24	2.56
Load Lines	Water/Weather tight conditions	30	3.2
ILO-MLC 2006	Living and Working Conditions	109	11.63
	Labour Conditions-Conditions of employment	4	0.43
	Labour Conditions-Accommodation, recreational facilities, food and catering	6	0.64
	Labour Conditions-Health protection, medical care, social security	5	0.53
Other		40	4.27

TABLE 5: INSPECTION DATA BY CLASSIFICATION SOCIETY

Tableau 5: Données d'Inspection par Société de Classification

Classification	Class Code	No. of Inspections	No. of Inspections with Deficiencies	No. of Deficiencies	No. of Detentions	Detention Percentage
American Bureau of Shipping	ABS	289	25	67	3	1.04
Alpha Register of Shipping	ARS	1				
Bureau Veritas	BV	391	43	134		
Cyprus Bureau of Shipping		1	1	3		
CR Classification Society (CCRS)		1				

China Classification Society	CCS	91	8	31		
Croatian Register of Shipping		1				
Det Norske Veritas	DNV	12	1	2		
DNV GL AS		492	49	144	1	0.2
Germanischer Lloyd	GL	12	2	7		
Honduras Maritime Inspection Inc.		2	2	6		
International Naval Surveys Bureau	INSB	12				
Indian Register of Shipping		10	2	7		
International Register of Shipping		6	2	37		
Korea Clasification Society	KCS	1				
Korean Register	KR	54	3	9		
Lloyd's Register	LR	315	34	129	3	0.95
Macosnar Corporation		3	3	22		
Nippon Kaiji Kyokai	NKK	481	56	218	1	0.21
No Class		5	4	31		
Panama Maritime Documentation Services		1				
Panama Shipping Registrar Inc.		3	1	7		
Phoenix Register of Shipping	PRS	2				
Polski Rejestr Statkow (Polish Register of Shipping)	PRS	8	1	1		
Registro Italiano Navale	RINA	88	6	22	1	1.14
Registro Internacional Naval, S.A		1				
Russian Maritime Register of Shipping	RMRS	38	4	28		
Rinave Portuguesa		1				
Turkish Lloyd		4	1	6		
Vietnam Register of Shipping	VRS	2				
Other		9	4	26		
TOTAL		2337	252	937	9	0.39

CHART 14: Inspections with Deficiencies and Total Inspections by Classification Society

Diagramme 14: Inspections avec Défectuosités et Inspection Totale par Société de Classification

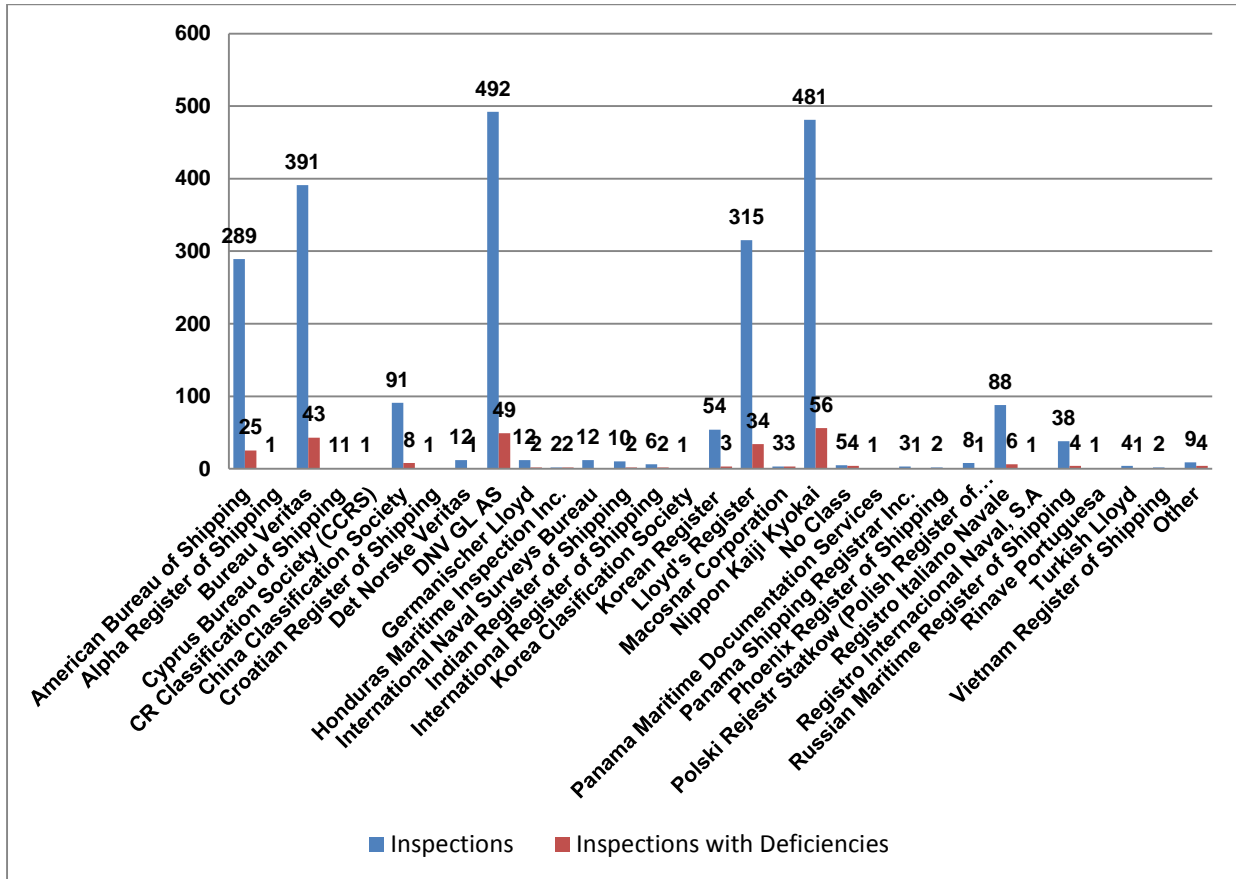


CHART 15: Ratio of Inspections with Deficiencies by Classification Society
Diagramme 15: Ratio des Inspections avec Défectuosités par Classe

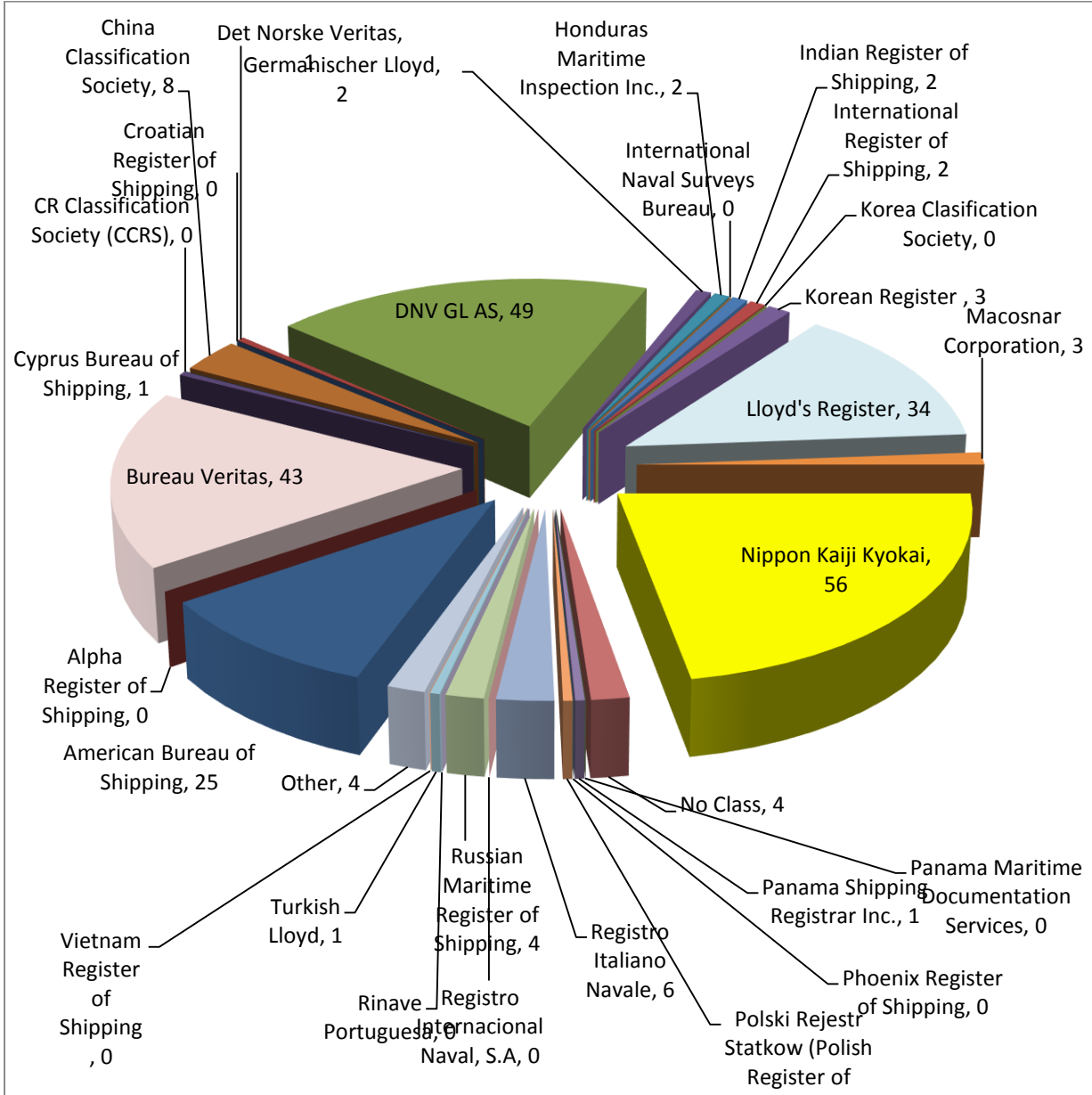


CHART16: Detentions and Inspections with Deficiencies by Classification Society
Diagramme 16: Immobilisation et Inspection avec Défectuosités par Société de Classification

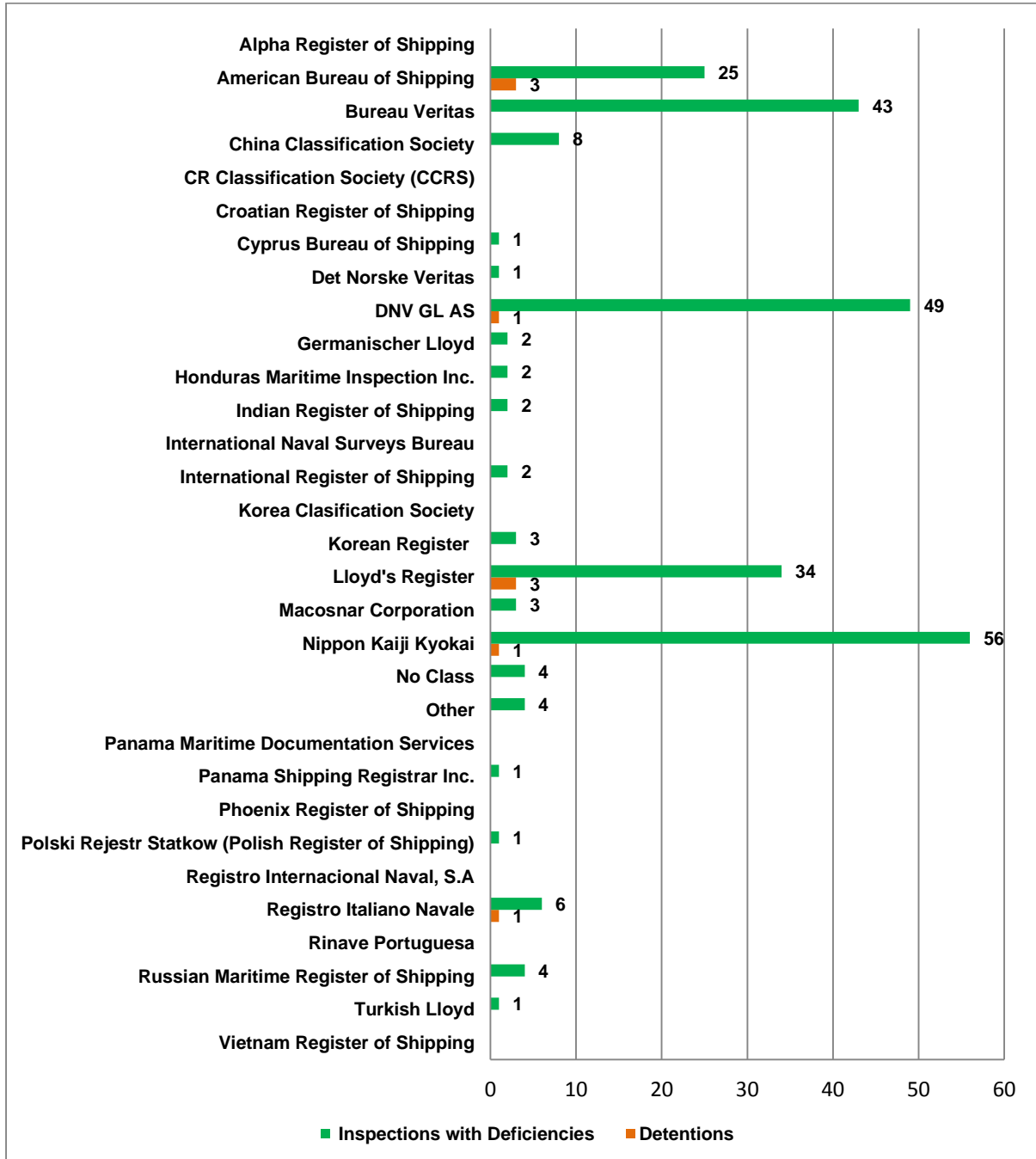


TABLE 6: Detentions of Ships with RO related Detainable Deficiencies per Recognized Organization

TABLEAU 6: Les détentions de navires avec RO relatif aux déficiences par organisation reconnue

Recognized Organization		No. of Inspections	No. of Detentions	No. of RO Related Detentions	General Detention Percentage	RO Related Detention Percentage	Percentage of RO Related Detention
American Bureau of Shipping	ABS	393	3		0.76		
Alpha Register of Shipping		4					
Bureau Veritas	BV	554	2		0.36		
Cyprus Bureau of Shipping		6					
CR Classification Society (CCRS)		4					
China Classification Society	CCS	121					
Cosmos Marine Bureau Inc.		1					
Croatian Register of Shipping		3					
Det Norske Veritas	DNV	24					
DNV GL AS		812	2		0.25		
Germanischer Lloyd	GL	36					
Honduras Maritime Inspection Inc.		1					
Isthmus Bureau of Shipping, S.A		6					
Intermaritime Certification Services, S.A		5	1		20		
International Naval Surveys Bureau	INSB	23					
Indian Register of Shipping		10					

International Register of Shipping	IRS	6					
International Ship Classification		3					
Korea Clasification Society	KCS	4					
Korean Register	KR	71					
Korea Ship Safety Technology Authority		1					
Lloyd's Register	LR	573	3		0.52		
Nippon Kaiji Kyokai	NKK	638	1		0.16		
Macosnar Corporation		3					
No class		1					
Other		17					
Overseas Marine Certification Services		5					
Panama Maritime Documentation Services	PMD S	3					
Panama Shipping Registrar Inc.		3					
Polski Rejestr Statkow (Polish Register of Shipping)	PRS	6					
Qualitas Register of Shipping S.A. (QRS)		4	1		25		
Registro Brasileiro de Navios de Aeronaves		1					
Registro Italiano Navale	RINA	135	2		1.48		
Russian Maritime Register of Shipping	RMR S	42					

Rinave Portuguesa		2				
Shipping Register of Ukraine		1				
Turkish Lloyd		5				
Vietnam Register of Shipping	VRS	4				
Phoenix Register of Shipping		7				

Table 7 - Breakdown of Inspections 2017 - 2020

Tableau 7 - Répartition des Inspections 2017 - 2020

Year	2017	2018	2019	2020
Number of inspections without deficiencies	1900	2185	2473	2085
No. of inspections with deficiencies	174	224	222	252
No. of inspections with deficiencies but without detentions	158	210	201	243
No. of inspections with detentions	16	14	21	9
Number of inspections	2074	2409	2695	2337

CHART 17: Inspections Compared to Commitments in 2020

Diagramme 17: Inspections Comparées aux Engagements 2020

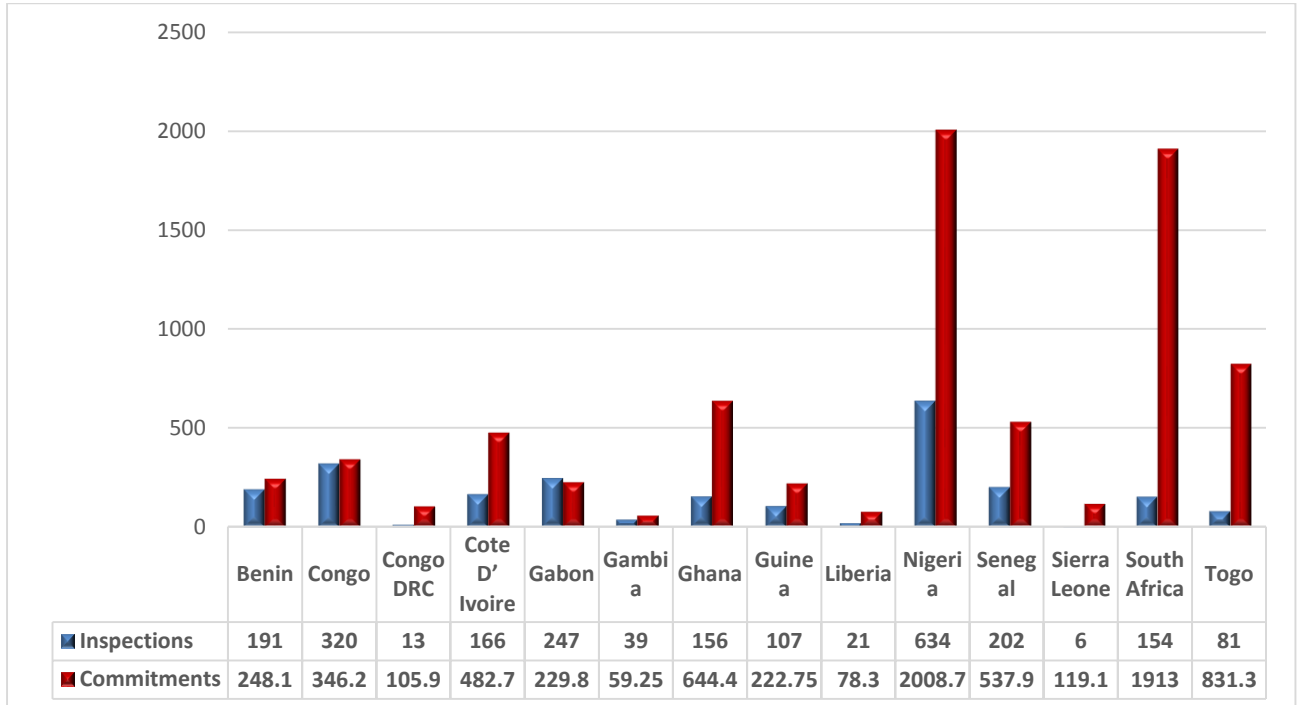


CHART 18: Inspection Efforts of Member States as Percentage of MoU Total

DIAGRAMME 18: Efforts d'Inspection des Etats membres au Pourcentage Total du MoU

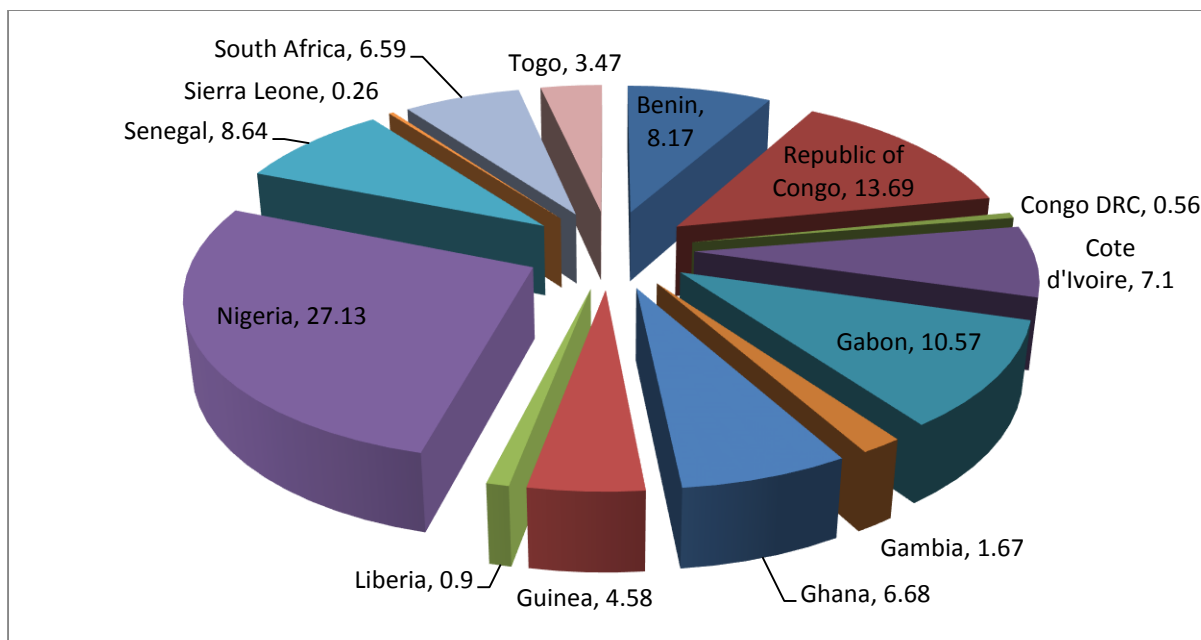


Table 8 – Assessment of Target Inspection Rate Achieved In 2019 and 2020

Tableau 8 – Evaluation de la Cible du Taux d'Inspection Atteint en 2019 et 2020

Member Authorities	No of inspections 2019	No of ship Calls 2019	% of inspections 2019	No of inspections 2020	No of ship Calls 2020	% of inspections 2020
Ghana	161	4045	3.9802225	156	4296	3.63128492
Liberia	69	442	15.61086	21	522	4.02298851
Nigeria	821	10908	7.526586	634	13391	4.73452319
South Africa	315	13889	2.2679819	154	12,753	1.20755901
Congo DRC	26	429	6.0606061	13	706	1.84135977
Congo	197	2439	8.0770808	320	2,308	13.864818
Benin	288	1495	19.264214	191	1,654	11.547763
Cote D' Ivoire	221	3049	7.2482781	166	3,218	5.15848353
Guinea	125	2805	4.456328	107	1,485	7.20538721
Senegal	277	3040	9.1118421	202	3,586	5.63301729
Togo	180	4630	3.887689	81	5,542	1.46156622
Gambia	12	677	1.7725258	39	395	9.87341772
Gabon	2	1509	0.1325381	247	1,532	16.1227154
Sierra Leone	1	971	0.1029866	6	794	0.75566751
TOTAL	2695	50328	5.354872	2337	52182	4.47855582