



PORT STATE CONTROL IN THE BLACK SEA REGION **ANNUAL REPORT 2007**



BLACK SEA PORT STATE CONTROL SECRETARIAT
ISTANBUL / TURKEY

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FOREWORD

We are pleased to present the sixth issue of the Annual Report on Port State Control in the Black Sea region which is published under the auspices of the Port State Control Committee of the Black Sea MOU.

The member Authorities of the Black Sea MOU are committed to the protection of life and property at sea and to the preservation of the marine environment from ship-sourced pollution in the Black Sea region with the development and implementation of the Memorandum of Understanding on Port State Control in the Black Sea Region (BS MOU) which entered into force on 19 December 2000.

PSC inspections are conducted to ensure that foreign ships visiting the Black Sea ports are seaworthy, do not pose a pollution risk, provide a healthy and safe environment and comply with relevant international regulations and within the scope of the member Authorities' national governing law and regulations.

The 2007 Port State Control Report provides an outline of regional PSC performance and activities during the year, as well as international perspectives on port State control and is evidence of the member Authorities' concerted efforts to maintain maritime safety and marine pollution prevention standards on vessels operating in the Black Sea region. The BS MOU member Authorities continues to devote considerable resources to their port State control program in the form of personnel, training and infrastructure on port State control in order to eradicate substandard shipping in the region. The BS MOU Committee continues to examine the statistics related to the PSC in the region in order to continually assess its effectiveness and identify areas where improvement of the performance is required.

2007 was another active year for port State control in the Black Sea region; 4,499 inspections carried out on foreign ships which resulted in 367 detentions. This represents a detention percentage of 8,16% which is an increase of 2,60% when compared the previous year's detention percentage of 5,56%. The average number of deficiencies found per inspection also continues to increase.

The battle against unseaworthy and substandard shipping will continue. This is due that some flag States are still either unwilling or unable to implement their international maritime convention responsibilities.

Captain Nikolay APOSTOLOV
Chairman
BS MOU PSC Committee

Hüseyin YÜCE
Secretary
BS MOU Secretariat



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2007 ANNUAL REPORT

OVERVIEW

The Governments of Black Sea States in the “Strategic Action Plan for the Rehabilitation and Protection of the Black Sea (adopted at the Ministerial Conference held in Istanbul, 30-31 October, 1996) decided to launch a harmonized system of port State control through the adoption of a Memorandum of Understanding on port State control.

The Memorandum of Understanding on Port State Control in the Black Sea Region (BS MOU) was completed and signed in Istanbul, Turkey on 7 April 2000 by representatives of the Maritime Authorities of Bulgaria, Georgia, Romania, the Russian Federation, Turkey and Ukraine.

On December 19, 2000 the Memorandum entered into effect in the Black Sea region for three maritime States accepted the BS MOU. By December 12, 2002 the BS MOU entered into effect for all maritime States in the Black Sea, namely: Bulgaria, Georgia, Romania, the Russian Federation, Turkey and Ukraine.

The Port State Control Committee established under the Memorandum monitors and controls implementation and on-going operation of the Memorandum. The Committee consists of representatives of the maritime Authorities of the six member States and observers representatives from the International Maritime Organization (IMO), the International Labour Organization (ILO).

The main objective of the Committee and member Authorities is to establish an effective port State control regime in the Black Sea region, through co-operation and harmonization of the PSC activities to eliminate sub-standard shipping so as to promote maritime safety, to protect the marine environment and to safeguard working and living conditions on board.

To coordinate daily activity of the organization on the kind proposal by the Maritime Administration of Turkey, the MOU Authorities decided to establish Headquarters and the Secretariat in Istanbul.

The Russian Federation has developed and launched the Black Sea Information System (BSIS), PSC computerized information system for the Black Sea MOU, basing on the technique used for the Asia Pacific Computerized Information System (APCIS), PSC information system for the Tokyo MOU, which was also developed by the Russia Federation.

The Black Sea MOU responds to world events in addressing new safety requirements, maritime security, working and living conditions, training, certification issues through action at the International Maritime Organization and the International Labour Organization.

The Committee of the Black Sea MOU considers transparency of the PSC activity as one of the most important elements in achieving goals of PSC - full implementation of international standards in maritime safety, security and environmental protection.

To provide industry with the MOU news, procedures and inspection results the Black Sea MOU launched the internet web-site at www.bsmou.org containing general information on MOU, regularly updated detention list. Taking into account of successful operation of the BSIS, it was decided to start open publication of PSC inspection results in internet through a direct link to the MOU database providing on-the-fly inspection results.

Member Maritime Authorities of the Bulgaria, Georgia, Romania, the Russian Federation, Turkey and Ukraine have embodied the principles of the BS MOU by maintaining an effective system of port State control with the view to ensuring that, without discrimination, foreign vessels that visit Black Sea ports comply with the appropriate international standards.

This annual report outlines recent activities on port State control in the Black Sea region, as well as international perspectives on port State control and includes the statistical port State inspection data conducted by the member Authorities of the BS MOU during the year 2007.



PORT STATE CONTROL COMMITTEE

The Eight Meeting of the Black Sea Port State Control Committee was held in Varna, Bulgaria on April 16-19, 2007 under the chairmanship of Captain İlker TUNCER of Turkey. Except Ukraine, delegations from the Maritime Administrations of the MOU Member States attended the meeting, along with representatives from the International Maritime Organization (IMO) and from the Republic of Moldova Maritime Administration.

Member Authorities presented information about their national arrangements for port State control activities including important organizational changes and availability of dedicated PSC structures.

A new version of the regional Manual for PSC Officers, which has a new layout and content, in order to comply as much as possible with the respective documents of the Paris and Tokyo MOUs, has been approved and entered into force from 1 January 2006. The Committee at its meeting in April 2007 agreed on the further development and revision of the BS MOU Manual taking into account of the revised version of the Paris MOU Manual.

The Committee reviewed and updated the list of the BS MOU follow-up actions emanating from the Second Joint Ministerial Conference of the Paris and Tokyo Memoranda's on Port State Control in Canada 2004, work has been done, completed or in progress. In this content, the Committee adopted the Code of Good Practice for PSC Officers. The Committee further decided the Code of Good Practice is produced in the same manner as the Paris MOU and Tokyo MOU and as a consequence to be included in the PSC Manual and published on the BS MOU web-site.

The Committee considered the results of the concentrated inspection campaign (CIC) on the Global Maritime Distress Safety System (GMDSS) which was conducted from 1 June to 30 August 2006 and MARPOL Annex I, which was conducted from 1 October to 31 December 2006. The Committee agreed to include the CIC questionnaires and guidance's in the PSC Manual taking into account revisions by the Paris MOU.

The Committee elaborated preparation and arrangement for the joint CIC on the ISM Code which was re-scheduled to take place from 1 September to 30 November 2007, agreed to invite the Russian Federation, representing the BS MOU, to continue to take part in the work of the Paris MOU and to review and agree on the CIC questionnaire and guidance prepared by the Paris MOU and course of follow-up action to be taken.

The Committee also agreed to conduct CIC on the Safety of Navigation (SOLAS Chapter V) together with the Paris MOU, Tokyo MOU and USCG and agreed to conduct such CIC in 2008. The Undersecretariat for Maritime Affairs of Turkey agreed to act as the campaign coordinator.

The Committee approved the arrangement made by the BSIS for the preparation on the publication of ship targeting factors and display on ship detail's page in the BSIS public interface through the MOU web-site from 1 January 2007.



For purpose of providing more timely information on PSC detentions the Committee gave its approval to the on-line publication of the regional detention list incorporating the new format on the BS MOU public web-site from 1 January 2007.

The Committee also elaborated following matters and took appropriate decisions:

- further study the idea of ship black list with the Paris MOU white grey black list idea/formula with an aim to take decision for possible implementation;
- amendments to the guidelines for the responsibility assessment of RO;
- revision of the Rules of Procedures of the BS MOU Review Board.

The Committee unanimously elected Captain Nikolay Apostolov, Bulgaria, as a Chairman and Mr. Valentin SERBANESCU, as Vice-Chairman for the next session.

The Ninth meeting of the Port State Control Committee is planned to be held in Constanta, Romania in April 2008.

BLACK SEA INFORMATION SYSTEM (BSIS)

The Black Sea Information System has been established in the Russian Federation, for the purpose of exchanging information on Port State inspections, in order to:

- make available to Authorities information on inspection of ships in other regional ports to assist them in their selection of foreign flag ships to be inspected and in the exercise of Port State control on selected ships; and
- provide effective information exchange facilities regarding Port State control in the region.

In order to facilitate determination of the individual ship visits by bringing data to the common documents format, simplification of procedure for the determination of the number of individual ship visits in the region, and elimination of possible errors in submission of the data Ship Entrance Module developed by the BSIS which is acknowledged with pleasure by the Committee. Moreover the Committee agreed to invite Authorities to use SHIP ENTRANCE Module which is unique developed by the BSIS for the submission and determination of the individual ship visits.

Prior to the eight Committee meeting, the second Regional Database Managers (DBM02) was conducted on 17 April 2007 in Varna, Bulgaria. The meeting of the DBM02 was chaired by Mr. Gheorghe Stroe, PSC Director, Romanian Naval Authority.

The DBM02 considered matters regarding PSC information exchange including following major issues:

- annual report statistics;
- detailed regional statistics;
- revision of the BSIS data validation rules;
- enhancement of the BSIS;
- information exchange with external data bases;
- procedures for recording IMO company number.

CONCENTRATED INSPECTION CAMPAIGN

Within the campaign the Black Sea MOU Authorities verified vital points of implementation of ISM Code requirements on seagoing ships, that is, effectiveness of SMS reflected in crew routine and emergency procedures, ship technical maintenance.

For the purpose of interregional harmonization of the action the Black Sea MOU used the model of relevant Questionnaire developed by the Paris and Tokyo MOUs.

During the campaign period, member maritime Authorities conducted 922 inspections. In about 15% of inspected ships had deficiencies found during the campaign. Totally, 230 deficiencies in 142 CIC reports were recorded. In average, 39% of all individual ships entered the ports of Black Sea MOU were inspected within the frame of

the CIC.

About 40% of all deficiencies recorded applied to the issues of maintenance system and about 10% of all ships inspected had such a deficiency. In general, at 5% of inspected ships review of SMS was not carried out and at next 5% SMS routine procedures were not duly performed and recorded. At 3% of all inspected ships procedures for establishing and maintaining contacts with shore management in emergency case were not tested.

The BS MOU would join in with the Paris MOU, Tokyo MOU and other regional agreements/memorandas to conduct a CIC on the Safety of Navigation (SOLAS Chapter V) in 2008. The Undersecretariat for Maritime Affairs of Turkey agreed to act as the campaign coordinator.

TRAINING

PSCO Seminar

Two senior PSCOs from Turkey participated in the Paris MOU 44th and 45th Port State Control Seminars which were held in St. Petersburg, Russian Federation on 12-14 June 2007 on ISM Code and thickness measurement; and in Dublin Ireland; on 11-13 December 2007 on CIC on Safety of Navigation.

PSCO Exchange Programme

Within the scope of regional and interregional PSCO Exchange Programmes Bulgaria sent 2 PSCOs to Romania; Turkey sent 2 PSCOs to Bulgaria and Romania; the Russian Federation sent 1 PSCO to Cyprus, Malta and Turkey.

INTERREGIONAL COOPERATION

Although the ultimate responsibility for the safe operation of any vessel clearly lies with that vessel's owner, manager and flag State, Port State Control remains a highly effective weapon in combating unseaworthy and substandard shipping, and the continuing inability or unwillingness of some flag States and ship operators to fulfill their obligations under the international maritime conventions.

It is believed that the long term solutions to the problems associated with unseaworthy and substandard ships can only be found through concerted international action by organizations, governments and individuals having responsibility for ship safety. In this respect the Black Sea MOU pays great attention to the international co-operation and supports the International Maritime Organization as a leader and coordinator of Port State Control.

During the 2007, considerable measures has been taken up by the International Maritime Organization, International Association of Classification Societies, industry bodies and regional forums, which will, if effectively implemented, further improve maritime safety and preserve the marine environment.

In this respect, the Secretary, representing the BS MOU, attended the 15th session of the FSI Sub-Committee (4-8 June 2007) which took place, as one of the inter-governmental organization (IGO)s of IMO.

The BS MOU Secretariat was represented by the Secretary at the 17th meeting of the Tokyo MOU Port State Control Committee (Hong Kong, China, 16-18 September 2007).

The Secretary, representing the BS MOU, attended MED MOU Committee tenth meeting which were held in Casablanca, Morocco 29-31 October 2007.

The Secretary participated with a presentation in the X. International Seminar "Substandard shipping-solution through partnership, International Initiatives: Time for Breakthrough" which was organized by the Russian Register of Shipping in St. Petersburg from 17-19 October 2007.

The BS MOU represented by the Captain Marian Popescu (Romania) and Mr. Cem ERDEM (Turkey) at the 15th and 16th meetings of the Paris MOU Technical Evaluation Group which were held in the Hauge Netherland from 6-8 March 2007 and in Lisbon from 6-8 November 2007.

PSC INSPECTIONS OVERVIEW

INSPECTIONS BY AUTHORITY

During the 2007 calendar year, a total of 4,499 Port State Control inspections were undertaken in the region on board foreign ships registered in 84 different flag states. The number of inspections has decreased compared to the inspection figure for 2006 (4,658). The number of individual ships inspected in 2007 (3,915) is decreased compared with the number of individual ships inspected in 2006 (4,319). Table I gives the inspections carried out by each member Authority.

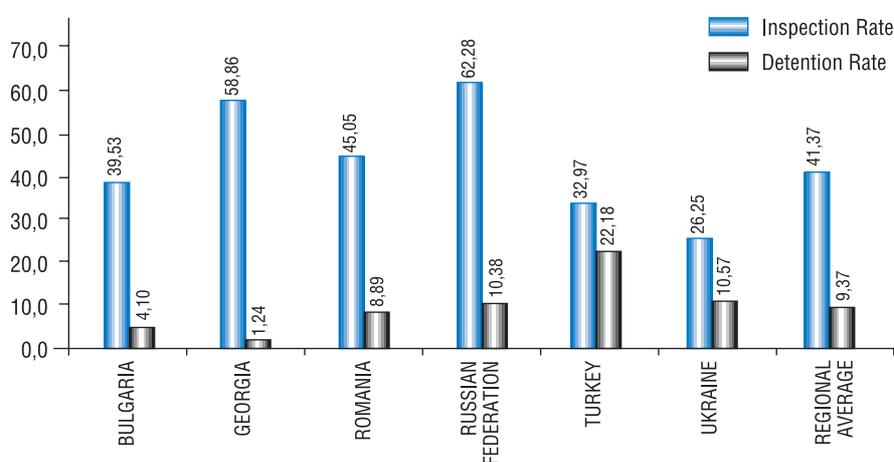
72,42 percent of inspections in 2007 were found to have deficiencies and 8,16 percent of those inspections with deficiencies were subjected detention. Detention percentage of the member Authorities varied from 1,03 to 20,82 percent. Inspection rate which is expressed as percent of number of individual ship inspected exceeds initial 15 percent initial inspection commitment of the Memorandum. Regional detention rate (percentage of the number of individual ships inspected) is 9,37 percent.

Table I- Inspection data by Authority

MARITIME AUTHORITY	NO. OF INDIVIDUAL SHIP VISIT	NO. OF INDIVIDUAL SHIPS INSPECTED	NO. OF INSPECTIONS	NO. OF INSPECTIONS WITH DEFICIENCIES	NUMBER OF DEFICIENCIES	NUMBER OF DETENTIONS	NO. OF INDIVIDUAL SHIPS DETAINED	DETENTION PERCENTAGE	PERCENT OF INSPECTIONS WITH DEFICIENCIES	INSPECTION RATE	DETENTION RATE	% OF RO RELATED DETENTIONS	NO. OF RO RELATED DETENTIONS	PERCENT OF INSPECTION OF MOU TOTAL
BULGARIA	678	268	290	227	1468	11	11	3,79	78,28	39,53	4,10	4,10	6	6,45
GEORGIA	824	485	580	290	924	6	6	1,03	50,00	58,86	1,24	1,24	6	12,89
ROMANIA	1847	832	963	728	5015	74	73	7,68	75,60	45,05	8,89	8,77	12	21,40
RUSSIAN FEDERATION ⁽¹⁾	1856	1156	1408	1173	13136	120	109	8,52	83,31	62,28	10,38	9,43	12	31,30
TURKEY ⁽¹⁾	834	275	293	186	1110	61	58	20,82	63,48	32,97	22,18	21,09	19	6,51
UKRAINE	3425	899	965	654	3125	95	90	9,84	67,77	26,25	10,57	10,01	11	21,45
MOU TOTAL	9464	3915	4499	3258	24778	367	316	8,16	72,42	41,37	9,37	8,07	66	100,00

⁽¹⁾ Data only for the Black Sea Ports

Figure I- Inspection and detention rates by Authority



The number of inspections in 2007 (4,499) slightly lower than previous years: 2006 (4,658) and 2005 (5,069).

The overall detention percentage in the region was 5,56% in 2006; in 2007 increased up to 8,16% as a percent of inspections, rather than the number of individual ships inspected to take into account that many ships are detained more than once during any one year.

The number of ships are detained in 2007 for deficiencies clearly hazardous to safety, health or environmental amounted to 367. It compares with the number of 259 detained in 2006, 316 in 2005. The significant increase 108 (43,7%) has increased average detention percentage 8,16% in 2007 compared to 5,56% in 2006.

Number of inspections per port in the region has a wide range up to 1,164 inspections at the port of Novorossiysk which experienced the second highest number of individual ship visits (1,609). Regional average number of inspections per port is 98. Table 3 shows breakdown of inspections by inspection port. Inspection rate in the majority of the inspection ports exceeds 15 percent inspection rate of the initial commitment of the Memoranda.

INSPECTION DATA BY FLAG

Inspections in 2007 were carried out on ships registered under 84 flag States. The majority of inspections were Turkey flagged (12,80%) vessels, with large number from Malta (11,96%), Panama (11,67%) and Cambodia (5,53%) which represents 42 percent of total inspections amounted to 1,888 inspections.

In 2007, ships registered under 41 foreign flags were observed to have deficiencies sufficiently serious to impair this seaworthiness and warrant detention.

Figure 1 illustrates detentions per flag exceeding average detention percentage for the inspection per flag exceeding 10 inspections shown in Table 2. High detention percentage observed, Republic of Moldova (37,29%), Democratic People’s Republic of Korea (27,69%), Cambodia (17,54%) and Syrian Arab Republic (15,07%) flagged vessels.

Figure 2- 2007 detentions per flag, exceeding average percentage (number of inspections>10)

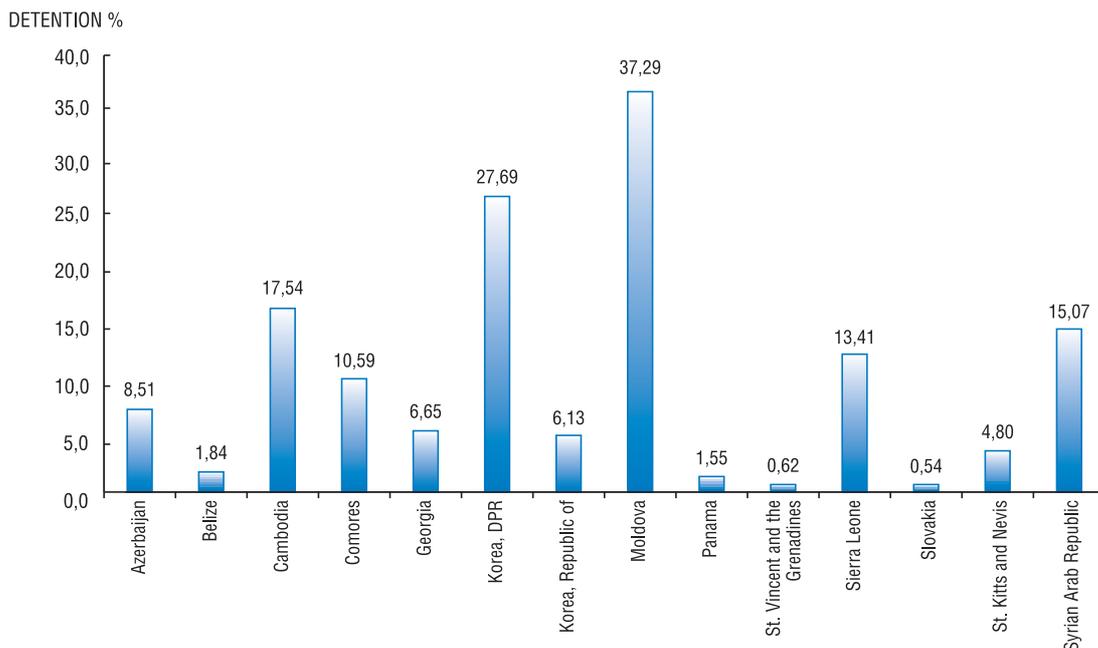


Table 2- 2007 detentions per Flag, exceeding average detention percentage (number of inspections>10)

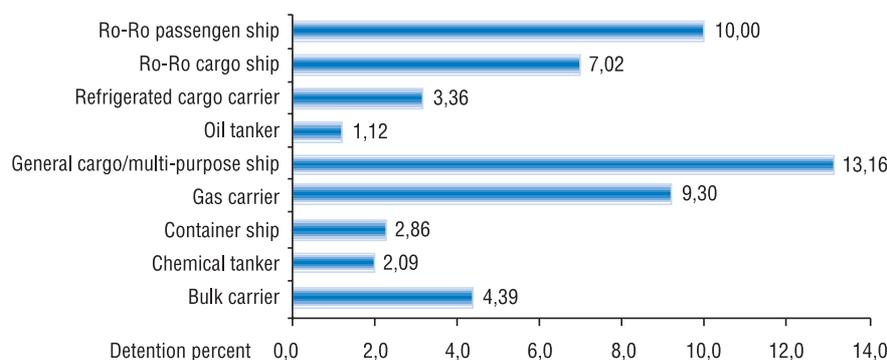
FLAG	NUMBER OF INSPECTIONS	INSPECTIONS WITH DEFICIENCIES	NUMBER OF DEFICIENCIES	NUMBER OF DETENTIONS	DETENTION PERCENTAGE	PERCENT OF INSPECTIONS WITH DEFICIENCIES	EXCESS OF AVERAGE
Azerbaijan	12	11	137	2	16,67	91,67	8,51
Belize	50	39	260	5	10,00	78,00	1,84
Cambodia	249	239	2455	64	25,70	95,98	17,54
Comores	128	122	1136	24	18,75	95,31	10,59
Georgia	162	153	1246	24	14,81	94,44	6,65
Korea, DPR	53	52	645	19	35,85	98,11	27,69
Korea, Republic of	14	9	78	2	14,29	64,29	6,13
Moldova	11	9	92	5	45,45	81,82	37,29
Panama	525	409	3757	51	9,71	77,90	1,55
St. Vincent and the Grenadines	148	120	974	13	8,78	81,08	0,62
Sierra Leone	102	92	944	22	21,57	90,20	13,41
Slovakia	46	38	221	4	8,70	82,61	0,54
St. Kitts and Nevis	54	49	407	7	12,96	90,74	4,80
Syrian Arab Republic	99	95	1101	23	23,23	95,96	15,07

INSPECTION DATA BY RECOGNIZED ORGANIZATION

The majority of ships inspected are in class with Russian Maritime Register of Shipping (15,51%), Lloyd's Register of Shipping (13,91%) and Bureau Veritas (12,14%). Higher percent of detentions were with International Register of Shipping (12,81%), Global Marine Bureau (5,71%) and Korea Classification Society (former Josen Classification Society) (4,36%) (with inspections more than 10). Higher percent of inspections with deficiencies were Korea Classification Society (former Josen CS) (97,92%), INCLAMAR (Inspeccion y Clasificacion Maritime, S. de. R.L.) (96,77%), Isthmus Bureau of Shipping (96,00%) (with inspections more than 10).

INSPECTION DATA BY SHIP TYPE

When considering the breakdown of ships inspected by ship type, largest group of the ship inspected during 2007 were general cargo/multi purpose with 2,242 (49,83%) inspections; bulk carrier 911 (20,24%) and oil tanker 625 (13,89%) were also inspected. Majority of detained ships were type of general cargo/multi purpose ships with 295 detentions and bulk carriers with 40 detentions which were accounted for 91,28% of the total detention.

Figure 3- Detention data by ship type (number of inspections>10)


INSPECTION DATA BY DEFICIENCY

A total of 24,778 deficiencies were recorded during port State control inspections in 2007. Majority of the deficiencies found upon inspection in 2007 were related to safety of navigation (13,14%), stability, structure and related equipment (12,75%), lifesaving appliances (11,95%), and fire safety measures (9,71%). These four categories make up 47,55% of the total deficiencies found.

Percentage of the MARPOL related (0,48%) and SOLAS related (2,65%) operational deficiencies were low compared with marine pollution MARPOL Annex I (5,85%) deficiencies. Number of ISM related deficiencies were 621 which accounted for (2,51%) of the deficiencies.

While there was a decrease of inspections in 2007 compared with that of 2006, the total number of deficiencies in fact slightly higher e.g. 24,841 (2007), 22,841 (2006). The average number of deficiencies per inspection was 5,51 which is an 12,4% increase over 2006 rate of 4,9.

Figure 4- Percentage of deficiencies by main categories

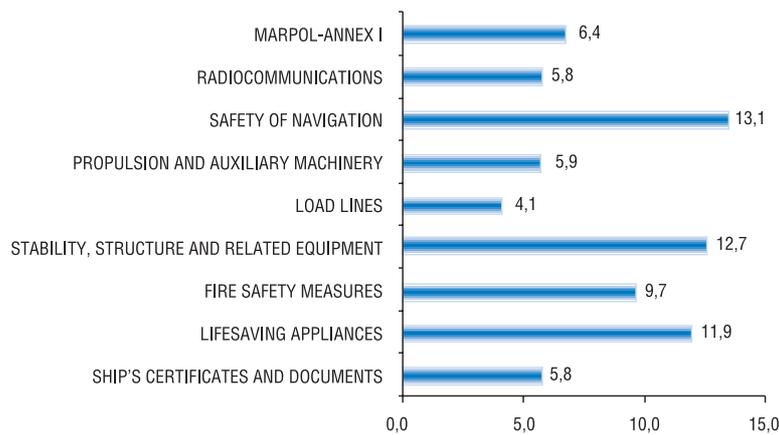
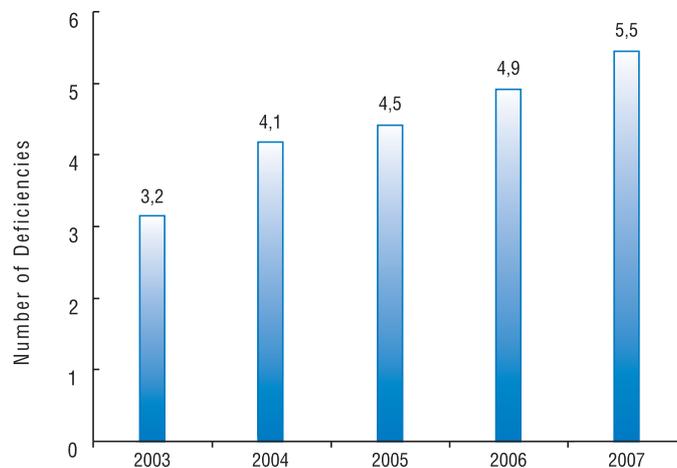


Figure 5- Average number of deficiencies per inspection



PORT STATE INSPECTIONS STATISTICS

PORT STATE INSPECTION DATA FOR 2007

Table 3- Inspection data by ports

STATE	INSPECTION PORT	NUMBER OF INDIVIDUAL SHIP VISITS	NUMBER OF INDIVIDUAL SHIP INSPECTED	NUMBER OF INSPECTIONS	NO. OF INSPECTIONS WITH DEFICIENCIES	NUMBER OF DEFICIENCIES	NUMBER OF DETENTIONS	NO. OF INDIVIDUAL SHIP DETENTIONS	NO. OF RO RELATED DETENTIONS	DETENTION PERCENTAGE	INSPECTION RATE	DETENTION RATE	PERCENT OF INSPECTION MOU TOTAL
BULGARIA	VARNA	545	142	152	141	1028	11	11	6	7,24	26,06	7,75	3,38
	BALTCHIK	41	8	8	8	60	0	0	0	0,00	19,51	0,00	0,18
	BOURGAS	127	126	130	78	380	0	0	0	0,00	99,21	0,00	2,89
GEORGIA	BATUM	272	162	176	66	208	6	6	6	3,41	59,56	3,70	3,91
	POTI	552	323	404	224	716	0	0	0	0,00	58,51	0,00	8,98
ROMANIA	CONSTANTA	1618	702	805	616	4317	66	65	11	8,20	43,39	9,26	17,89
	MANGALIA	53	0	0	0	0	0	0	0		0,00		0,00
	MIDIA	168	9	9	7	97	3	3	1	33,33	5,36	33,33	0,20
	GALATI	178	108	116	76	391	1	1	0	0,86	60,67	0,93	2,58
	BRAILA	102	0	0	0	0	0	0	0		0,00		0,00
	TULCEA	49	31	33	29	210	4	4	0	12,12	63,27	12,90	0,73
	SULINA	1	0	0	0	0	0	0	0		0,00		0,00
RUSSIA	GELENDZHIK	51	35	43	40	312	4	4	3	9,30	68,63	11,43	0,96
	NOVOROSSIIYSK	1609	974	1165	990	11929	110	102	7	9,44	60,53	10,47	25,89
	SOCHI	59	43	54	45	460	5	5	2	9,26	72,88	11,63	1,20
	TUAPSE	368	132	146	98	435	1	1	0	0,68	35,87	0,76	3,25
TURKEY	KRDZ. EREĞLI	376	86	86	68	490	30	30	6	34,88	22,87	34,88	1,91
	SAMSUN	329	72	73	38	163	6	6	3	8,22	21,88	8,33	1,62
	TRABZON	138	46	52	31	201	19	17	7	36,54	33,33	36,96	1,16
	RİZE	12	13	13	2	3	0	0	0	0,00	108,33	0,00	0,29
	HOPA	35	1	1	1	11	0	0	0	0,00	2,86	0,00	0,02
	GİRESUN	29	8	8	7	20	1	1	1	12,50	27,59	12,50	0,18
	ZONGULDAK	49	2	2	2	38	1	1	0	50,00	4,08	50,00	0,04
	ORDU	38	14	15	7	27	2	2	1	13,33	36,84	14,29	0,33
	BARTIN	139	43	43	30	157	2	2	1	4,65	30,94	4,65	0,96
	FATSA	77	0	0	0	0	0	0	0		0,00		0,00
	ÜNİYE	46	0	0	0	0	0	0	0		0,00		0,00
	UKRAINE	BIDGROD-DNISTROVSKYY	75	5	5	5	37	5	5	0	100,00	6,67	100,00
BERDIANSK		208	0	0	0	0	0	0	0		0,00		0,00
DNIPRO-BUZKYY		455	3	3	3	16	2	2	1	66,67	0,66	66,67	0,07
ILLICHIVSK		723	127	131	54	256	4	4	2	3,05	17,57	3,15	2,91
IZMAIL		33	0	0	0	0	0	0	0		0,00		0,00
KERCH		386	17	17	16	78	2	2	0	11,76	4,40	11,76	0,38
KHERSON		339	7	7	7	51	5	5	0	71,43	2,06	71,43	0,16
MARIUPOL		762	0	0	0	0	0	0	0		0,00		0,00
NIKOLAYEV		294	159	165	163	1239	52	50	6	31,52	54,08	31,45	3,67
ODESSA		1008	298	302	218	820	19	19	1	6,29	29,56	6,38	6,71
OKTYABRSK		152	22	22	13	36	1	1	0	4,55	14,47	4,55	0,49
RENI		86	1	1	1	3	0	0	0	0,00	1,16	0,00	0,02
SEVASTOPOL		115	135	139	65	186	1	1	0	0,72	117,39	0,74	3,09
SKADOVSK		6	0	0	0	0	0	0	0		0,00		0,00
THEODOSIA		101	11	11	7	34	1	1	1	9,09	10,89	9,09	0,24
YALTA		37	1	1	1	2	0	0	0	0,00	2,70	0,00	0,02
YEVPAORIA		6	2	2	2	12	1	1	0	50,00	33,30	50,00	0,04
YUZHNYI	646	154	159	99	355	2	2	0	1,26	23,84	1,30	3,53	
TOTAL				4499	3258	24778	367	316	66	8,16			100,0

Table 4- Inspection data by Flag

FLAG	NUMBER OF INSPECTIONS	INSPECTIONS WITH DEFICIENCIES	NUMBER OF DEFICIENCIES	NUMBER OF DETENTIONS	DETENTION PERCENTAGE	PERCENT OF INSPECTIONS WITH DEFICIENCIES
Albania	4	4	67	3	75,00	100,00
Algeria	5	5	46	0	0,00	100,00
Antigua and Barbuda	69	43	212	4	5,80	62,32
Austria	1	0	0	0	0,00	0,00
Azerbaijan	12	11	137	2	16,67	91,67
Bahamas	111	61	387	2	1,80	54,95
Barbados	15	11	102	0	0,00	73,33
Belgium	2	0	0	0	0,00	0,00
Belize	50	39	260	5	10,00	78,00
Bermuda (UK)	3	1	9	0	0,00	33,33
Bolivia	4	4	29	0	0,00	100,00
Bulgaria	57	40	199	2	3,51	70,18
Cambodia	249	239	2455	64	25,70	95,98
Cayman Islands (UK)	19	14	70	1	5,26	73,68
China	17	5	35	0	0,00	29,41
Colombia	1	1	8	1	100,00	100,00
Comores	128	122	1136	24	18,75	95,31
Cook Islands	5	5	60	1	20,00	100,00
Croatia	10	3	27	0	0,00	30,00
Cyprus	85	59	484	1	1,18	69,41
Denmark	13	9	38	0	0,00	69,23
Dominica	30	26	204	2	6,67	86,67
Egypt	5	3	12	1	20,00	60,00
Eritrea	1	1	15	0	0,00	100,00
France	4	0	0	0	0,00	0,00
French Antarctic Territory	1	0	0	0	0,00	0,00
Georgia	162	153	1246	24	14,81	94,44
Germany	6	3	13	1	16,67	50,00
Gibraltar (UK)	10	5	16	0	0,00	50,00
Greece	119	52	270	3	2,52	43,70
Hong Kong, China	74	36	181	1	1,35	48,65
India	12	9	60	0	0,00	75,00
Iran	17	10	75	0	0,00	58,82
Ireland	1	1	5	0	0,00	100,00
Isle of Man (UK)	27	13	47	0	0,00	48,15
Israel	5	2	8	0	0,00	40,00
Italy	72	31	153	1	1,39	43,06
Jamaica	5	4	14	1	20,00	80,00
Jordan	2	1	13	0	0,00	50,00
Kiribati	2	1	3	0	0,00	50,00
Korea, DPR	53	52	645	19	35,85	98,11
Korea, Republic of	14	9	78	2	14,29	64,29
Latvia	2	1	2	0	0,00	50,33
Lebanon	15	14	76	1	6,67	93,33
Liberia	241	141	879	7	2,90	58,51

BLACK SEA MEMORANDUM OF UNDERSTANDING ON PORT STATE CONTROL

FLAG	NUMBER OF INSPECTIONS	INSPECTIONS WITH DEFICIENCIES	NUMBER OF DEFICIENCIES	NUMBER OF DETENTIONS	DETENTION PERCENTAGE	PERCENT OF INSPECTIONS WITH DEFICIENCIES
Libyan Arab Jamahiriya	5	5	108	2	40,00	100,00
Lithuania	6	5	17	0	0,00	83,33
Malaysi	3	1	8	0	0,00	33,33
Maldives	1	1	6	0	0,00	100,00
Malta	538	384	2654	21	3,90	71,38
Marshall Islands	105	47	294	1	0,95	44,76
Moldova	11	9	92	5	45,45	81,82
Mongolia	14	12	80	1	7,14	85,71
Morocco	1	1	24	0	0,00	100,00
Netherlands	35	20	98	1	2,86	57,14
Netherlands Antilles	18	13	92	1	5,56	72,22
Nigeria	1	0	0	0	0,00	0,00
Norway	37	19	115	0	0,00	51,35
Panama	525	409	3757	51	9,71	77,90
Philippines	12	7	39	0	0,00	58,33
Poland	3	3	6	0	0,00	100,00
Portugal	3	1	6	0	0,00	33,33
Qatar	3	0	0	0	0,00	0,00
Romania	5	5	42	0	0,00	100,00
Russia	206	138	664	9	4,37	66,99
Saint Vincent and the Grenadines	148	120	974	13	8,78	81,08
Seychelles	2	2	7	0	0,00	100,00
Sierra Leone	102	92	944	22	21,57	90,20
Singapore	24	12	80	0	0,00	50,00
Slovakia	46	38	221	4	8,70	82,61
St. Kitts and Nevis (UK)	54	49	407	7	12,96	90,74
Sweden	1	0	0	0	0,00	0,00
Switzerland	3	2	14	0	0,00	66,67
Syrian Arab Republic	99	95	1101	23	23,23	95,96
Tanzania	2	2	8	0	0,00	100,00
Thailand	18	16	117	0	0,00	88,89
Tunisia	3	3	7	1	33,33	100,00
Turkey	576	399	2393	25	4,34	69,27
Tuvalu	8	6	38	0	0,00	75,00
Ukraine	115	91	544	7	6,09	79,13
United Kingdom (UK)	20	4	23	0	0,00	20,00
USA	3	0	0	0	0,00	00,00
Vanuatu	1	1	15	0	0,00	100,00
Vietnam	2	2	7	0	0,00	100,00
TOTAL	4499	3258	24778	367	8,16	72,42

Table 5- Inspection data by Recognized Organizations (Number of inspections>10)

RECOGNIZED ORGANIZATION	TOTAL NUMBER OF INSPECTIONS	NUMBER OF INSPECTIONS WITH DEFICIENCIES	TOTAL NUMBER OF DEFICIENCIES	TOTAL NUMBER OF RO RELATED DEFICIENCIES	TOTAL NUMBER OF DETENTIONS	DETENTIONS WITH RO RELATED DEFICIENCIES
American Bureau of Shipping	379	207	1230	0	0	0
Bulgarski Koraben Registrar	61	55	368	0	0	0
Bureau Veritas	546	364	2563	2	3	3
China Classification Society	63	26	164	0	0	0
Det Norske Veritas	475	251	1532	1	2	2
Germanischer Lloyd	357	230	1488	0	0	0
Global Marine Bureau	97	91	1024	5	21	21
Hellenic Register of Shipping	88	82	856	1	2	2
INCLAMAR (Inspección y Clasificación Marítima, S. de. R.L.)	31	30	312	3	8	8
Indian Register of Shipping	18	17	144	1	1	1
International Naval Surveys Bureau	173	160	1769	5	25	25
International Register of Shipping	293	277	2488	12	47	47
Isthmus Bureau of Shipping	25	24	186	1	2	2
Korea Classification Society (former Joson CS)	48	47	586	4	16	16
Korean Register of Shipping	40	27	245	0	1	1
Lloyd's Register	626	409	2924	2	3	3
Nippon Kaiji Kyokai	379	243	1633	1	1	1
Panama Register Corporation	16	14	162	0	0	0
Panama Shipping Registrar Inc.	20	19	300	1	1	1
Polski Rejestr Statkow	72	63	629	0	0	0
Registro Italiano Navale	161	97	663	0	0	0
Russian Maritime Register of Shipping	698	521	3215	2	7	7
Shipping Register of Ukraine	129	103	794	3	5	5
Turkish Lloyd	371	296	1959	1	1	1

Note: Number of inspections and detentions are calculated corresponding to each recognized organization (RO) that issued certificate(s) for a ship. In case that ship's certificates were issued more than one ROs, the inspection and detention would be counted to each of them.

Table 6- Inspection data by ship type

TYPE OF SHIP	INSPECTIONS	NUMBER OF INSPECTIONS WITH DEFICIENCIES	PERCENT OF INSPECTIONS WITH DEFICIENCIES	NUMBER OF DETENTIONS	DETENTION PERCENTAGE	PERCENT OF INSPECTIONS WITH DEFICIENCIES
Bulk carrier	911	642	5004	40	4,39	70,47
Chemical tanker	191	106	578	4	2,09	55,50
Combination carrier	57	41	288	1	1,75	71,93
Container ship	140	68	424	4	2,86	48,57
Gas carrier	43	14	119	4	9,30	32,56
General cargo/multi-purpose ship	2242	1835	14502	295	13,16	81,85
High speed passenger craft	1	1	13	0	0,00	100,00
Livestock carrier	3	3	42	1	33,33	100,00
Offshore service vessel	2	1	2	0	0,00	50,00
Oil tanker	625	345	2202	7	1,12	55,20
Others	6	3	19	0	0,00	50,00
Passenger ship	23	8	26	0	0,00	34,78
Refrigerated cargo carrier	149	117	906	5	3,36	78,52
Ro-Ro cargo ship	57	41	385	4	7,02	71,93
Ro-Ro passenger ship	20	16	196	2	10,00	80,00
Special purpose ship	3	2	10	0	0,00	66,67
Tanker, not otherwise specified	12	6	38	0	0,00	50,00
Tugboat	8	7	19	0	0,00	87,50
Vehicle carrier	5	1	2	0	0,00	20,00
Woodchip carrier	1	1	3	0	0,00	100,00
ALL TYPES	4499	3258	24778	367	8,16	72,42

Table 7- Inspection data by type of deficiencies

NATURE OF DEFICIENCY	NUMBER OF DEFICIENCIES	PERCENT OF TOTAL DEFICIENCIES
SHIP'S CERTIFICATES AND DOCUMENTS	1443	5,82
CERTIFICATION AND WATCHKEEPING FOR SEAFARERS	693	2,80
CREW AND ACCOMMODATION (ILO 147)	529	2,13
FOOD AND CATERING (ILO 147)	184	0,74
WORKING SPACES (ILO 147)	695	2,80
LIFESAVING APPLIANCES	2969	11,98
FIRE SAFETY MEASURES	2405	9,71
ACCIDENT PREVENTION (ILO 147)	388	1,57
STABILITY, STRUCTURE AND RELATED EQUIPMENT	3160	12,75
ALARM SIGNALS	162	0,65
CARRIAGE OF CARGO AND DANGEROUS GOODS	126	0,51
LOAD LINES	1028	4,15
MOORING ARRANGEMENTS (ILO 147)	674	2,72
PROPULSION AND AUXILIARY MACHINERY	1483	5,99
SAFETY OF NAVIGATION	3256	13,14
RADIOCOMMUNICATIONS	1450	5,85
MARPOL - ANNEX I	1604	6,47
OIL, CHEMICAL TANKERS AND GAS CARRIERS	204	0,82
MARPOL - ANNEX II	24	0,10
SOLAS RELATED OPERATIONAL DEFICIENCIES	657	2,65
MARPOL RELATED OPERATIONAL DEFICIENCIES	118	0,48
MARPOL - ANNEX III	11	0,04
MARPOL - ANNEX V	167	0,67
ISM RELATED DEFICIENCIES	621	2,51
BULK CARRIERS - ADDITIONAL SAFETY MEASURES	47	0,19
ADDITIONAL MEASURES TO ENHANCE MARITIME SECURITY	225	0,91
ADDITIONAL MEASURES TO ENHANCE MARITIME SAFETY	431	1,74
MARPOL - ANNEX IV	12	0,05
MARPOL - ANNEX VI	2	0,01
ALL OTHER DEFICIENCIES	10	0,04
TOTAL	24778	100,00

PORT STATE INSPECTION DATA FOR 2005-2007

Table 8- PSC Inspection Data (2005-2007)

	2005	2006	2007
Number of individual ships visits ¹	10.256	11.178	9.464
Number of individual ships inspected	4.138	4.260	3.915
Number of inspections	5.069	4.658	4.499
No. of inspections with deficiencies	3.190	3.232	3.258
Number of deficiencies observed	22.941	22.841	24.778
Number of detentions	316	259	367
% of inspections with deficiencies	62,93	69,39	72,42
Detention percentage ²	6,23	5,56	8,16
Inspection Rate ³	40,35	38,11	41,37
Detention Rate ⁴	7,64	6,08	9,37
Average number of deficiencies per inspection	4,53	4,90	5,51

¹ Arithmetic sum of the member Authorities' data

² Detentions in % of inspections

³ Individual ships inspected in % of individual ships visited

⁴ Detentions in % of individual ships inspected

Table 9- PSC Inspection Data by Authority (2005-2007)

MARITIME AUTHORITY	NUMBER OF INDIVIDUAL SHIP VISIT			NUMBER OF INDIVIDUAL SHIP INSPECTED			NUMBER OF INSPECTIONS			NUMBER OF INSPECTIONS WITH DEFICIENCIES			NUMBER OF DETENTIONS		
	2005	2006	2007	2005	2006	2007	2005	2006	2007	2005	2006	2007	2005	2006	2007
BULGARIA	1.178	1.220	678	326	381	268	346	433	290	246	305	227	42	46	11
GEORGIA	749	1.015	824	700	887	485	782	887	580	273	397	290	1	11	6
ROMANIA	1.903	2.265	1.847	678	634	832	766	705	963	614	528	728	80	48	74
RUSSIAN FEDERATION ⁽¹⁾	1.889	2.179	1.856	1093	1.158	1.156	1.257	1.385	1.408	1.084	1.194	1.173	69	56	120
TURKEY ⁽¹⁾	1.146	887	834	268	207	275	271	216	293	201	148	186	66	37	61
UKRAINE	3.391	3.612	3.425	1.073	993	899	1647	1.032	965	772	660	654	58	61	95
MOU TOTAL	10.256	11.178	9.464	4.138	4.260	3.915	5.069	4.658	4.499	3.190	3.232	3.258	316	259	367

⁽¹⁾ Data only for the Black Sea Ports

MARITIME AUTHORITY	% OF INSPECTIONS WITH DEFICIENCIES			DETENTION PERCENTAGE			DETENTION RATE			INSPECTION RATE		
	2005	2006	2007	2005	2006	2007	2005	2006	2007	2005	2006	2007
BULGARIA	7,71	9,44	6,97	12,14	10,62	3,79	12,88	12,07	4,10	27,67	31,23	39,53
GEORGIA	8,56	12,28	8,90	0,13	1,24	1,03	0,14	1,24	1,24	93,46	87,39	58,86
ROMANIA	19,25	16,34	22,34	10,44	6,81	7,68	11,80	7,57	8,89	35,63	27,99	45,05
RUSSIAN FEDERATION	33,98	36,94	36,00	5,49	4,04	8,52	6,31	4,84	10,38	57,86	53,14	62,28
TURKEY	6,30	4,58	5,71	24,35	17,13	20,82	24,63	17,87	22,18	23,39	23,34	32,97
UKRAINE	24,20	20,42	20,07	3,52	5,91	9,84	5,41	6,14	10,57	31,64	27,49	26,25
REGIONAL AVERAGE	62,93	69,39	72,42	6,23	5,56	8,16	7,64	6,08	9,37	40,35	38,11	41,37

Table 10- Inspection by ports (2005-2007)

S T A T E	INSPECTION PORT	NUMBER OF INDIVIDUAL SHIP VISIT			NUMBER OF INDIVIDUAL SHIP INSPECTED			NUMBER OF INSPECTIONS			NUMBER OF INSPECTIONS WITH DEFICIENCIES			NUMBER OF DETENTIONS			INSPECTION RATE		
		2005	2006	2007	2005	2006	2007	2005	2006	2007	2005	2006	2007	2005	2006	2007	2005	2006	2007
BULGARIA	VARNA	751	575	545	135	156	142	147	117	152	136	152	141	32	27	11	18,0	27,1	26,1
	BALTCHIK	4	47	241	4	7	8	4	7	8	4	7	8	0	1	0	100,0	14,9	19,5
	BOURGAS	597	598	127	190	238	126	195	249	130	106	146	78	10	18	0	31,8	39,8	99,2
GEORGIA	BATUM	257	232	272	208	210	162	208	210	176	68	100	66	1	8	6	80,9	90,5	59,6
	POTI	492	783	552	492	677	323	574	677	404	205	297	224	0	3	0	100,0	86,5	58,5
ROMANIA	CONSTANTA	1,607	1,639	1618	544	484	702	607	526	805	483	398	616	73	42	66	33,9	29,5	43,4
	MANGALIA	58	66	53	0	0	0	0	0	0	0	0	0	0	0	0	0,0	0,0	0,0
	MIDIA	119	209	168	6	7	9	7	7	9	6	3	7	0	1	3	5,0	3,3	5,4
	GALATI	196	227	178	90	114	108	94	120	116	81	82	76	2	1	1	45,9	50,2	60,7
	BRAILA	75	83	102	7	9	0	7	9	0	5	9	0	0	1	0	9,3	10,8	0,0
	TULCEA	70	41	49	50	39	31	51	43	33	39	36	29	5	3	4	71,4	95,1	63,3
	SULINA	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0			0,0
RUSSIA	GELENDZHIK	21	35	51	12	19	35	12	21	43	9	20	40	0	0	4	57,1	54,3	68,6
	NOVOROSSIYSK	1,619	1,677	1609	941	1,006	974	1,065	1,194	1165	969	1,064	990	62	52	110	58,1	60,0	60,5
	SOCHI	40	49	59	29	38	43	35	52	54	28	44	45	5	3	5	72,5	77,6	72,9
	TUAPSE	427	417	368	134	114	132	141	117	146	74	65	98	2	1	1	31,4	27,3	35,9
	ANAPA	7	1	0	4	1	0	4	1	0	4	1	0	0	0	0	57,1	100,0	
TURKEY	KRDZ. EREĞLI	409	328	376	116	87	86	118	88	86	95	72	68	46	26	30	28,4	26,5	22,9
	SAMSUN	434	291	329	78	58	72	78	62	73	60	30	38	12	4	6	18,0	19,9	21,9
	TRABZON	106	115	138	24	21	46	25	24	52	16	22	31	2	7	19	22,6	18,3	33,3
	RİZE	30	20	12	10	11	13	10	11	13	1	6	2	0	0	0	33,3	55,0	108,3
	HOPA	25	18	35	3	5	1	3	5	1	3	5	1	0	0	0	12,0	27,8	2,9
	GİRESUN	24	14	29	14	7	8	14	7	8	10	6	7	0	0	1	58,3	50,0	27,6
	ZONGULDAK	74	58	49	13	0	2	13	0	2	11	0	2	6	0	1	17,6	0,0	4,1
	ORDU	44	33	38	10	18	14	10	19	15	5	7	7	0	0	2	22,7	54,5	36,8
	BARTIN			139			43			43			30			2			30,9
	FATSA			77			0			0			0			0			0,0
	ÜNYE			46			0			0			0			0			0,0
UKRAINE	BIDGROD-DNISTROVSKYY	36	51	75	4	7	5	5	8	5	1	8	5	0	6	5	11,1	13,7	6,7
	BERDIANSK	64	80	208	51	0	0	86	0	0	46	0	0	4	0	0	79,7	0,0	0,0
	DNIPRO-BUZKYY	278	276	455	28	1	3	31	1	3	15	1	3	0	1	2	10,1	0,4	0,7
	ILLICHIVSK	435	506	723	154	144	127	222	148	131	70	58	54	0	0	4	35,4	28,5	17,6
	IZMAIL	30	17	33	11	0	0	13	0	0	6	0	0	0	0	0	36,7	0,0	0,0
	KERCH	251	237	386	10	102	17	11	110	17	6	53	16	1	1	2	4,0	43,0	4,4
	KHERSON	181	228	339	3	1	7	6	1	7	3	1	7	1	1	5	1,7	0,4	2,1
	MARIUPOL	453	517	762	115	22	0	181	22	0	92	9	0	3	0	0	25,4	4,3	0,0
	NIKOLAYEV	147	150	294	120	96	159	208	110	165	101	99	163	4	21	52	81,6	64,0	54,1
	ODESSA	757	784	1008	262	309	298	441	320	302	204	277	218	36	28	19	34,6	39,4	29,6
	OKTYABRSK	67	65	152	28	20	22	35	20	22	25	15	13	0	1	1	41,8	30,8	14,5
	RENI	0	57	86	0	0	1	0	0	1	0	0	1	0	0	0		0,0	1,2
	SEVASTOPOL	76	102	115	81	117	135	107	121	139	50	51	65	1	1	1	106,6	114,7	117,4
	SKADOVSK	0	4	6	0	0	0	0	0	0	0	0	0	0	0	0		0,0	0,0
	THEODOSIA	45	49	101	37	1	11	62	1	11	32	0	7	2	0	1	82,2	2,0	10,9
	UST-DUNAISK	5	1		5	1		8	1		5	1		0	0		100,0	100,0	
	YALTA	25	29	37	1	0	1	1	0	1	0	0	1	0	0	0	4,0	0,0	2,7
	YEVATORIA	0	1	6	0	0	22	0	0	2	0	0	2	0	0	1		0,0	33,3
	YUZHNY	541	458	646	163	172	154	230	179	159	116	87	99	6	1	2	30,1	37,6	23,8

Table II - Detentions and average detention percentage by Flag (2005-2007)

FLAG	NUMBER OF INSPECTIONS				NUMBER OF DETENTIONS				AVERAGE DETENTION %
	2005	2006	2007	TOTAL	2005	2006	2007	TOTAL	
Antigua and Barbuda	78	80	69	227	3	5	4	12	5,29
Azerbaijan	10	17	12	39	0	2	2	4	10,26
Bahamas	123	143	111	377	4	2	2	8	2,12
Barbados	20	24	15	59	1	0	0	1	1,69
Belize	52	46	50	148	4	5	5	14	9,46
Bulgaria	59	68	57	184	1	0	2	3	1,63
Cambodia	249	229	249	727	30	31	64	125	17,19
Cayman Islands	44	39	19	102	2	2	1	5	4,90
China	13	9	17	39	0	1	0	1	2,56
Comores	123	133	128	384	18	21	24	63	16,41
Cyprus	145	104	85	334	3	0	1	4	1,20
Denmark	11	19	13	43	0	1	0	1	2,33
Dominica	4	11	30	45	0	2	2	4	8,89
Georgia	243	208	162	613	29	34	24	87	14,19
Greece	193	153	119	465	2	1	3	6	1,29
Hong Kong, China	76	77	74	227	2	2	1	5	2,20
India	15	8	12	35	1	0	0	1	2,86
Isle of Man	22	31	27	80	0	2	0	2	2,50
Italy	73	78	72	223	2	0	1	3	1,35
Korea, Democratic People's Republic	231	107	53	391	42	24	19	85	21,74
Korea, Republic of	9	12	14	35	0	0	2	2	5,71
Lebanon	29	15	15	59	0	1	1	2	3,39
Liberia	177	187	241	605	7	4	7	18	2,98
Malta	602	529	538	1669	29	10	21	60	3,59
Marshall Islands	116	102	105	323	1	1	1	3	0,93
Moldova	16	14	11	41	4	2	5	11	26,83
Mongolia	25	12	14	51	3	2	1	6	11,76
Netherlands	45	36	35	116	1	0	1	2	1,72
Netherlands Antilles	12	20	18	50	2	0	1	3	6,00
Norway	34	37	37	108	1	2	0	3	2,78
Panama	454	452	525	1434	27	27	51	105	7,32
Russia	343	310	206	859	14	11	9	34	3,96
Saint Vincent and the Grenadines	158	127	148	433	7	4	13	24	5,54
Sierra Leone	4	44	102	150	1	8	22	31	20,67
Slovakia	49	50	46	145	3	5	4	12	8,28
St. Kitts and Nevis	5	37	54	96	0	8	7	15	15,63
Syrian Arab Republic	161	97	99	357	16	9	23	48	13,45
Turkey	638	589	576	1803	24	17	25	66	3,66
Ukraine	148	132	115	395	20	4	7	31	7,85

Table I2- Inspection data by ship type (2005-2007)

TYPE OF SHIP	INSPECTIONS				NUMBER OF INSPECTIONS WITH DEFICIENCIES				NUMBER OF DEFICIENCIES				NUMBER OF DETENTIONS				AVERAGE DETENTION %	AVERAGE % OF INS. WITH DEFICIENCIES	AVERAGE NO. OF DEFICIENCIES PER INSPECTION
	2005	2006	2007	TOTAL	2005	2006	2007	TOTAL	2005	2006	2007	TOTAL	2005	2006	2007	TOTAL			
Bulk carrier	1108	975	911	2994	668	656	642	1966	4536	4577	5004	14117	41	32	40	113	3,77	65,66	4,72
Chemical tanker	148	187	191	526	60	123	106	289	277	704	578	1559	3	5	4	12	2,28	54,94	2,96
Combination carrier	45	55	57	157	31	38	41	110	193	307	288	788	2	1	1	4	2,55	70,06	5,02
Container ship	89	105	140	334	34	52	68	154	197	265	424	886	1	1	4	6	1,80	46,11	2,65
Gas carrier	27	39	43	109	12	16	14	42	51	61	119	231	0	2	4	6	5,50	38,53	2,12
General cargo/multi purpose ship	2551	2281	2242	7074	1772	1715	1835	5322	14223	13185	14502	41910	233	199	295	727	10,28	75,23	5,92
Heavy load carrier	3	2		5	3	2		5	27	11		38	0	0		0	0,00	100,00	7,60
High speed passenger craft	4	1	1	6	4	1	1	6	38	3	13	54	0	0	0	0	0,00	100,00	9,00
Livestock carrier	2	2	3	7	2	2	3	7	19	75	42	136	0	2	1	3	42,86	100,00	19,43
Offshore service vessel	1	2	2	5	1	1	1	3	3	4	2	9	0	0	0	0	0,00	60,00	1,80
Oil tanker	644	695	625	1964	353	389	345	1087	1852	2083	2202	6137	4	3	7	14	0,71	55,35	3,12
Other types of ship	128	12	6	146	57	9	3	69	301	67	19	387	12	0	0	12	8,22	47,26	2,65
Passenger ship	34	34	23	91	12	19	8	39	39	88	26	153	0	1	0	1	1,10	42,86	1,68
Refrigerated cargo carrier	159	156	149	464	103	133	117	353	675	862	906	2443	9	8	5	22	4,74	76,08	5,27
Ro-Ro cargo ship	61	76	57	194	38	49	41	128	297	362	385	1044	8	3	4	15	7,73	65,98	5,38
Ro-Ro passenger ship	13	13	20	46	10	13	16	39	108	93	196	397	2	1	2	5	10,87	84,78	8,63
Special purpose ship	1	0	3	4	1	0	2	3	1	0	10	11	0	0	0	0	0,00	75,00	2,75
Tanker, not otherwise specified	39	12	12	63	23	6	6	35	81	50	38	169	1	0	0	1	1,59	55,56	2,68
Tugboat	12	10	8	30	6	8	7	21	23	44	19	86	0	1	0	1	3,33	70,00	2,87
Vehicle carrier			5	5			1	1			2	2			0	0	0,00	20,00	0,40
Woodchip carrier	0	1	1	2	0	0	1	1	0	0	3	3	0	0	0	0	0,00	50,00	1,50
ALL TYPES	5069	4658	4499	14226	3190	3232	3258	9680	22941	22841	24778	70560	316	259	367	942	6,62	68,04	4,96

Table I3- Inspection data by deficiency (2005-2007)

NATURE OF DEFICIENCY	NUMBER OF DEFICIENCIES				DEFICIENCIES IN % OF TOTAL DEFICIENCIES				RATIO OF DEFICIENCIES TO INSPECTIONS X100				RATIO OF DEFICIENCIES TO INDIVIDUAL SHIPS X100			
	2005	2006	2007	TOTAL	2005	2006	2007	AVE	2005	2006	2007	AVE	2005	2006	2007	AVE
SHIP'S CERTIFICATES AND DOCUMENTS	1318	1235	1443	3996	5,75	5,41	5,82	5,66	26,0	26,5	32,1	28,1	12,9	13,6	15,2	13,9
CERTIFICATION AND WATCHKEEPING FOR SEAFARERS	491	564	693	1748	2,14	2,47	2,80	2,48	9,7	12,1	15,4	12,3	4,8	6,2	7,3	6,1
CREW AND ACCOMMODATION (ILO 147)	807	723	529	2059	3,52	3,17	2,13	2,92	15,9	15,5	11,8	14,5	7,9	8,0	5,6	7,2
FOOD AND CATERING (ILO 147)	264	265	184	713	1,15	1,16	0,74	1,01	5,2	5,7	4,1	5,0	2,6	2,9	1,9	2,5
WORKING SPACES (ILO 147)	466	630	695	1791	2,03	2,76	2,80	2,54	9,2	13,5	15,4	12,6	4,5	6,9	7,3	6,2
LIFESAVING APPLIANCES	3271	2926	2969	9166	14,26	12,81	11,98	12,99	64,5	62,8	66,0	64,4	31,9	32,3	31,3	31,8
FIRE SAFETY MEASURES	2238	2099	2405	6742	9,76	9,19	9,71	9,55	44,2	45,1	53,5	47,4	21,8	23,2	25,4	23,4
ACCIDENT PREVENTION (ILO 147)	360	386	388	1134	1,57	1,69	1,57	1,61	7,1	8,3	8,6	8,0	3,5	4,3	4,1	3,9
STABILITY, STRUCTURE AND RELATED EQUIPMENT	3149	2830	3160	9139	13,73	12,39	12,75	12,95	62,1	60,8	70,2	64,2	30,7	31,2	33,4	31,7
ALARM SIGNALS	117	152	162	431	0,51	0,67	0,65	0,61	2,3	3,3	3,6	3,0	1,1	1,7	1,7	1,5
CARRIAGE OF CARGO AND DANGEROUS GOODS	94	130	126	350	0,41	0,57	0,51	0,50	1,9	2,8	2,8	2,5	0,9	1,4	1,3	1,2
LOAD LINES	1012	974	1028	3014	4,41	4,26	4,15	4,27	20,0	20,9	22,8	21,2	9,9	10,7	10,8	10,5
MOORING ARRANGEMENTS (ILO 147)	608	550	674	1832	2,65	2,41	2,72	2,60	12,0	11,8	15,0	12,9	5,9	6,1	7,1	6,4
PROPULSION AND AUXILIARY MACHINERY	1284	1274	1483	4041	5,60	5,58	5,99	5,73	25,3	27,4	33,0	28,4	12,5	14,1	15,7	14,0
SAFETY OF NAVIGATION	2740	2982	3256	8978	11,94	13,06	13,14	12,72	54,1	64,0	72,4	63,1	26,7	32,9	34,4	31,2
RADIOCOMMUNICATIONS	1262	1480	1450	4192	5,50	6,48	5,85	5,94	24,9	31,8	32,2	29,5	12,3	16,3	15,3	14,6
MARPOL - ANNEX I	1469	1289	1604	4362	6,40	5,64	6,47	6,18	29,0	27,7	35,7	30,7	14,3	14,2	16,9	15,1
OIL, CHEMICAL AND GAS CARRIERS	120	211	204	535	0,52	0,92	0,82	0,76	2,4	4,5	4,5	3,8	1,2	2,3	2,2	1,9
MARPOL - ANNEX II	21	20	24	65	0,09	0,09	0,10	0,09	0,4	0,4	0,5	0,5	0,2	0,2	0,3	0,2
SOLAS RELATED OPERATIONAL DEFICIENCIES	440	502	657	1599	1,92	2,20	2,65	2,27	8,7	10,8	14,6	11,2	4,3	5,5	6,9	5,6
MARPOL RELATED OPERATIONAL DEFICIENCIES	178	169	118	465	0,78	0,74	0,48	0,66	3,5	3,6	2,6	3,3	1,7	1,9	1,2	1,6
MARPOL - ANNEX III	17	13	11	41	0,07	0,06	0,04	0,06	0,3	0,3	0,2	0,3	0,2	0,1	0,1	0,1
MARPOL - ANNEX V	197	178	167	542	0,86	0,78	0,67	0,77	3,9	3,8	3,7	3,8	1,9	2,0	1,8	1,9
ISM RELATED DEFICIENCIES	595	483	621	1699	2,59	2,11	2,51	2,41	11,7	10,4	13,8	11,9	5,8	5,3	6,6	5,9
BULK CARRIERS - ADDITIONAL SAFETY MEASURES	14	15	47	76	0,06	0,07	0,19	0,11	0,3	0,3	1,0	0,5	0,1	0,2	0,5	0,3
ADDITIONAL MEASURES TO ENHANCE MARITIME SECURITY	194	451	225	870	0,85	1,97	0,91	1,23	3,8	9,7	5,0	6,1	1,9	5,0	2,4	3,0
ADDITIONAL MEASURES TO ENHANCE MARITIME SAFETY	167	292	431	890	0,73	1,28	1,74	1,26	3,3	6,3	9,6	6,3	1,6	3,2	4,5	3,1
MARPOL - ANNEX IV	4	2	12	18	0,02	0,01	0,05	0,03	0,1	0,0	0,3	0,1	0,0	0,0	0,1	0,1
MARPOL - ANNEX VI	0	1	2	3	0,00	0,00	0,01	0,00	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
ALL OTHER DEFICIENCIES	44	15	10	69	0,19	0,07	0,04	0,10	0,9	0,3	0,2	0,5	0,4	0,2	0,1	0,2
TOTAL	22941	22841	24778	70560					452,6	490,4	550,7	496,0	223,7	251,9	261,5	245,0



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