



## P&I Condition Survey – Part B

<b>2.0</b>	<b>Ship's Certificates, documents and surveys</b>		
	(Please enter N.A. against any item which does not apply to the vessel being inspected)		
2.01	Safety Management Certificate: (SOLAS Chap. IX)	Date of issue/expiry	
		Date of intermediate endorsement	
	Issuing Authority:		
2.02	Document of Compliance:	Date of issue/expiry	
		Date of last annual endorsement	
	Issuing Authority:		
	Issued to (company & address):		
2.03	Certificate of Registry:	Number	
		Date	
		Date of expiry	
2.04	Cargo Ship Safety Construction Certificate:	Date of expiry	
		Date of last survey	
2.05	Cargo Ship Safety Equipment Certificate:	Date of expiry	
		Date of last survey	
2.06	Cargo Ship Safety Radio Certificate:	Date of expiry	
		Date of last survey	
2.07	International Load Line Certificate: (All ship's L > 24 m)	Date of expiry	
		Date of last survey	
2.08	International Tonnage Certificate:	Date	
2.09	IOPP (Oil) Certificate: (Tanker GT >150 / other ships GT>400)	Date of expiry	
		Date of last survey	
2.10	International Pollution Prevention Certificate for the carriage of Noxious Liquid Substances in Bulk (NLS) Certificate: (MARPOL 73/78 – Annex II: Reg 12 & 12a)	Date of expiry	
		Date of last survey	
2.11	International Ship Security Certificate	Date issued	
		Date of Expiry	
		Issuing Authority	
2.12	Minimum Safe Manning Certificate:	Date issued	
		Date of expiry	



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2.15	Document of Compliance for Ships Carrying Dangerous Goods: (SOLAS Reg. 54 for vessels constructed before 01 July 2002)	Date issued	
2.16	Document of Authorisation for the Carriage of Grain	Date issued	
2.17	International Air Pollution Prevention Certificate	Date issued	
2.18	International Anti-Fouling System Certificate	Date issued	
2.19	International Sewage Certificate	Date issued	
2.20	Cargo Gear Quadrennial: (Every 48 months)	Date last	
		Date next	
2.21	Cargo Gear Annual: (Every 12 months)	Date last	
		Date next	
2.22	Medical/ Drug Certificate	Last inspection	
2.23	Refrigeration Machinery Survey:	Date last	
		Date next	

			Yes/No/NA
2.24	Is the Stability Booklet ( <i>all ships L &gt; 24 m</i> ) stamped & approved by Class/ Flag State Authority and in a language understood by the Senior Officers?		
2.25	Is the Cargo Securing Manual ( <i>all non-tankers</i> ) approved by Class/ Flag State Authority:		
2.26	Is the SOPEP ( <i>tankers GT 150 or more, other ships GT 500 or more</i> ) approved by Class/ Flag State Authority?		
2.27	Is a Garbage Management Plan & a Garbage Record Book ( <i>all ship's GT 400 or more or complement 15 persons or more</i> ) available on board?		
2.28	Is Oil Record Book Part I (MARPOL 20) – Machinery Space Operation ( <i>tankers GT 150 or more, other ships GT 400 or more</i> ) completed and up to date?		
2.29	Is Oil Record Book Part II (MARPOL 20) – Cargo and Ballast Operation ( <i>tankers GT 150 or more</i> ) completed and up to date?		



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2.30	Are the documents referred to at 2.24, 2.25 2.26 & 2.27 available in a language clearly understood by the Master and Senior officers?	
2.31	Is the most recent Class printout (survey status and survey report) available on board?	
2.32	Is the Class Enhanced Survey Report File up-to-date (all bulk carriers & crude oil tankers above 20,000 tons dwt and product tankers above 30,000 dwt)	
2.33	Is the most recent ultrasonic steel thickness gauging report available on board? (Not more than 2 years old)	
	If so, what is the date?	
2.34	Were the results satisfactory, i.e. within Class parameters?	
2.35	Any outstanding Class recommendation? (If so, provide details on the next page)	
2.36	Date of last Drydock (Intermediate / Special / Unscheduled?) If unscheduled, provide reason / details on the summation sheet.	
2.37	Hull Special Survey No: _____	Date last:
2.38	Machinery Special Survey:	Date last:
		Date next:
2.39	Sea Connections Survey:	Date last:
		Date next:
2.40	Tailshaft Survey:	Date last:
		Date next:
2.41	Date of Last Port State Control Inspection	
	Any outstanding deficiencies? (If so, provide details on the summation sheet)	
2.42	Class/ Flag State Exemption Certificate:	Date of expiry
		Date of last survey
<b>Comments:</b>		





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<b>3.0 Shipboard Records, Safety and Maintenance Systems/ Procedures</b>		Yes/No/NA
3.01	Deck Log Book well maintained?	
3.02	Engine Room Log Book well maintained?	
3.03	Radio Log well maintained?	
3.04	Oil Record Book maintained (Part 1 – All Ships, Part 2 – Tankers)?	
3.05	Stability Calculation Records and Loading Plans maintained & up to date?	
3.06	Sounding Book well maintained?	
3.07	Compass Error Book well maintained?	
3.08	Bell Book maintained or Engine Movement Logger in working order?	
3.09	Master's Standing Orders posted on the bridge and signed by the Watchkeeping Officers?	
3.10	Master's Night Order Book well maintained?	
3.11	Pre-departure checklist for bridge equipment?	
3.12	Engine room maintenance record books maintained and/or reports?	
3.13	Deck maintenance record books and/or reports maintained?	
3.14	Maintenance plan for Fire Fighting appliances on board? (SOLAS Ch.11-2 Reg. 21)	
3.15	Life-saving appliances' instructions and records for on board maintenance maintained? (SOLAS Ch.III Reg. 36)	
3.16	Inventory books for safety equipment, life-saving equipment, fire-fighting equipment and medical stores maintained?	
3.17	Hot Work Permit System implemented and documented?	
3.18	Entry Permit System for Enclosed Spaces implemented and documented?	
3.19	SOLAS Life-Saving Appliances Training Manual available on board in the mess room and recreation room? (SOLAS Ch. III Reg. 35)	
	Is the SOLAS Training manual ship specific?	





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4.0	Charts, Publications and Manuals	Yes/No/NA
4.01	Latest consolidated edition (2001) of SOLAS with amendments	
4.02	Latest consolidated edition (2002) of MARPOL 73/ 78	
4.03	ICS/ IMO Bridge Procedures Guide	
4.04	MERSAR/IAMSAR Manual	
4.05	Standard Marine Navigational Vocabulary available?	
4.06	Collision Regulations Edition 2003	
4.07	IMDG Code	
4.08	IMO Code for Safe Practice for Solid Bulk Cargoes	
4.09	IMO Grain Rules available on board? (For ships carrying grain)	
4.10	IMO Code of Safe Practice for Carriage of Timber	
4.11	Ship to Ship Transfer Guide – Petroleum (For Tankers)	
4.12	Sufficient charts for trading area on board and corrected up to date	
4.13	List of Lights for trading area, current edition on board and corrected	
4.14	Tide Tables for trading area, current edition	
4.15	Admiralty Sailing Directions with supplements for trading area	
4.16	Chart Catalogue	
4.17	List Of Radio Signals	
4.18	Current Nautical Almanac	
4.19	Navigational Tables	
4.20	Are Notices to Mariners provided to vessel regularly? Latest issue?	
4.21	Are operation & maintenance manuals for navigation & radio equipment on board & available in common language	
4.22	MCA Code of Safe Working Practices for Merchant Seamen	
4.23	International Bulk Chemical (IBC) Code	



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4.24	Index of Dangerous Chemicals permitted for Carriage in Bulk on board	
4.25	STCW 95 and current amendments	
4.26	International Code of Signals on board in a language understood by the Master & Senior Officers?	
4.27	ICS Tanker Safety Guide on board (Chemicals)	
4.28	International Gas Carrier Code	
4.29	ICS Tanker Safety Guide (Liquefied Gases)?	
4.30	ISGOTT -International Safety Guide for Oil Tankers and Terminals (Tankers Only)	
4.31	MFAG – Medial First Aid Guide for use in accidents involving Dangerous Goods – IMDG Code	
4.32	Cargo Record Book – For carriage of NLS in bulk (For every ship where Annex II applies – MARPOL 73/78 Annex II: Reg 9)	
4.33	Procedures and Arrangements Manual (P & A Manual) – To be approved by Class / Administration. For every ship certified to carry NLS in bulk - MARPOL 73/78 Annex II: Reg 5, 5A, 8)	
4.34	Shipboard Marine Pollution Emergency Plan for NLS – To be approved by Class / Administration. For every ship GRT $\geq$ 150 certified to carry NLS in bulk - MARPOL 73/78 Annex II: Reg 16)	
<b>Comments:</b>		





## P&I Condition Survey – Part B

<b>5.0</b>	<b>Manning and Crew Competency</b>
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Rank	Name	Nationality	Certificate No.	First Language
<b>Master</b>				
<b>First Mate</b>				
<b>Second Mate</b>				
<b>Third Mate</b>				
<b>Chief Engineer</b>				
<b>Second Engineer</b>				
<b>Third Engineer</b>				

		Yes/No/NA
5.01	Does the present manning conform to that laid down in the Safe Manning Certificate?	
5.02	Can all of the crew converse in a working language?	
5.03	What is the common language used on the vessel?	
5.04	Are crew employed through a manning agency or directly?	
5.05	Are all officers in possession of valid certificates?	
5.06	Are all officers' certificates STCW endorsed?	
5.07	Are all officers' certificates endorsed for service on oil tankers/chemical tankers/LNG/LPG carrier/Ro-Ro/Passenger vessels, as appropriate?	
5.08	Are all officers and crew on board holding valid certificates of medical fitness? (Vaccination & pre-joining medical)	
5.09	Is there evidence that all officers and crew are given Familiarisation Training immediately on joining the ship?	
5.10	Do all deck and engine room ratings hold respective W/Rating (support level) certificates?	



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5.11	Are you satisfied that the Master, officers and crew are adequately experienced to safely operate the vessel in her current trade?	
<b>Comments:</b>		

6.0	Navigation and Communications Equipment & Publications	Yes/No/NA
6.01	Gyro compass in good working order? * (ships of 500 GRT & above)	
6.02	Gyro repeaters in good working order? * (ships of 1600 GRT & above)	
6.03	Standard magnetic compass in good working order?	
6.04	Are compass errors verified regularly at sea & at anchorage?	
6.05	Is the Compass Deviation Card valid (Max 2 years) and posted?	
6.06	Is there a spare magnetic compass on board?	
6.07	Radar #1 in good working order?	
6.08	Radar #2 in good working order? * (for ships of 10000 GRT & above)	
6.09	ARPA radar fitted with interface to a speed log and in good working order? * (for ships of 10000 GRT & above)	
6.10	Echo sounder in good working order and with sufficient supply of recording paper?	
6.11	Chronometer in good working order, or substituted by 2 <sup>nd</sup> GPS set?	
6.12	Sextant in good working order, or substituted by 2 <sup>nd</sup> GPS set?	
6.13	GPS in good working order?	
6.14	AIS in good working order? (SOLAS V – Reg 19)	
6.15	LRIT is in good working order?	



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6.16	VDR (Voyage Data Recorder) in good working order? (SOLAS V – Reg 20: Cargo ships 3000 GRT and above constructed on or after 1 July 2002)	
6.17	Course recorder in good working order with sufficient supply of recording paper?	
6.18	Bridge RPM indicator satisfactory?	
6.19	Bridge rudder angle indicator(s) satisfactory?	
6.21	Navtex receiver in good working order?	
6.22	If fitted, weather fax in good working order?	
6.23	Navigation lights and alarms in good working order?	
6.24	Sound signalling equipment in good working order?	
6.25	Complete set of signalling flags available?	
6.26	Aldis lamp in good working order with spare bulbs and batteries?	
6.27	GMDSS in good working order and meets requirements (Area A1, A2, A3 and A4)?	
6.28	Type of GMDSS maintenance applicable:	
6.29	A. Duplication of equipment	
6.30	B. Ability to carry out at sea electronic maintenance	
6.31	C. Shore based maintenance	
6.32	Emergency watch receiver & 500khz auto alarm (Vessels exempted from GMDSS) in working order?	
6.33	Inmarsat in good working order?	
6.34	VHF #1 in good working order, fitted with DSC?	
6.35	VHF #2 in good working order, fitted with DSC?	
6.36	Handheld waterproof & buoyant VHF radios in good working order (set of three required)? *(SOLAS Chapter III. Part B Reg.2.1.1) **(For vessels of 500 GRT & above)	
6.37	Radar transponders fitted & in good order?	
6.38	E.P.I.R.B. programmed with correct MMSI number?	
6.39	Emergency batteries for main radio equipment in good working order, warning signs posted and properly vented?	



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6.40	Safety and fire-fighting gear fitted in radio room (Lifejacket, portable CO <sub>2</sub> /DC fire-extinguisher)?	
6.41	Manoeuvring characteristics displayed in the wheelhouse?	
6.42	Instructions for changing over steering gear displayed on bridge in common language used on board?	
6.43	Evidence of proper passage planning from berth to berth and passage planning guideline available?	
<b>Comments:</b>		

<b>7.0</b>	<b>Life-Saving and Fire-Fighting Equipment</b>	<b>Yes/No/NA</b>
7.01	Are the lifeboats in a satisfactory condition including equipment and pyrotechnics?	
	No. of Lifeboats P / S / Fwd :	
7.02	Are the davits/ launching equipment in satisfactory condition?	
7.03	Liferaft securing satisfactory and weak link/ hydrostatic release properly secured?	
7.04	Lifeboat engine tested weekly & satisfactory?	
7.05	Bridge pyrotechnics satisfactory and within expiry date?	
7.06	Line throwing appliances satisfactory and within the expiry date?	
7.07	Muster List displayed and up-to-date?	
7.08	Fire detection & fire alarm tested and satisfactory?	
7.09	Lifejackets satisfactory in number, condition and equipment?	
7.10	Lifebuoys satisfactory in number and condition?	



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7.11	Sufficient number of immersion suits available? (For “open” type lifeboats only & as per Record of Safety Equipment)	
7.12	Sufficient number of thermal protective aids available? (For vessels with “open” type lifeboats only & as per Record of Safety Equipment)	
7.13	Lifeboats launched/ lowered to water within last three months?	
7.14	Life-Saving Appliances Plan displayed?	
7.15	Fire main and hydrants in good condition?	
7.16	Fire hoses/ nozzles in good condition and properly stowed?	
7.17	Emergency fire pump tested at the time of the survey?	
7.18	Portable extinguishers in good condition and regularly serviced?	
7.19	Fixed gas (CO <sub>2</sub> ) extinguishing systems for engine room & cargo holds in good condition and serviced?  Date of last inspection / test	
7.20	If cargo holds not fitted with CO <sub>2</sub> installation, does vessel have exemption certificate? *(SOLAS Chapter II-2, Reg.10.7.1.3) **(For vessels of 2000 GRT & above)	
7.21	Are instructions for the use of CO <sub>2</sub> extinguishing system posted in a language understood by the ship’s officers?	
7.22	Is the paint store protected by any fire detection and fixed fire fighting system (CO <sub>2</sub> / water sprinkler?)	
7.23	Are regular drills (abandon ship & fire) held at least every month? (SOLAS II-2 Reg. 20)	
7.24	Fireman’s outfit including Self Contained Breathing Apparatus in good order?	
7.25	Emergency Escape Breathing Devices (EEBD) available in the accommodation (minimum 2 nos.) and in the machinery spaces? (SOLAS Ch. II-2 Reg. 13.3.4 & 13.4.3)	
7.26	International shore connection located in close proximity to the access to the ship?	
7.27	Is the Fire Control Plan permanently displayed?(SOLAS Ch. II-2 Reg. 15.2.4)	
7.28	Fire Control Plan in weathertight container located in proximity to the access to the ship? (SOLAS Ch.11-2 Reg. 10.6.3.1)	



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**Comments:**



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8.0	Hull & General (All Vessels)	Yes/No/NA
8.01	Watertight doors and accesses in satisfactory condition?	
8.02	Sounding pipes in satisfactory condition and with screw caps in place?	
8.03	Air pipes, internal floats and screens in satisfactory condition?	
8.04	Guard rails/ bulwarks in satisfactory condition?	
8.05	Steps & ladders in satisfactory condition?	
8.06	Gangways & safety nets and pilot ladders in satisfactory condition?	
8.07	Anchor windlasses in satisfactory condition with good brake linings?	
8.08	Mooring winches in satisfactory condition?	
8.09	Mooring lines in satisfactory condition? No. of spares:	
8.10	Bollards, bitts and fairleads in satisfactory condition?	
8.11	Emergency towing arrangement fitted at both ends of the vessel? (Tankers 20,000 DWT or more)	
8.12	Cargo gear (crane/derrick booms, hydraulics, permanent attachments, running gear, wires/blocks, winches/machinery, controls, ladders & platforms and safety devices including limit switches) in satisfactory condition?	
8.13	Deck machinery foundations in satisfactory condition?	
8.14	Deck machinery hydraulics in satisfactory condition?	
8.15	Forecastle/ Main/ Poop deck plating in satisfactory condition?	
8.16	Hull external plating & frames in satisfactory condition?	
8.17	Chain lockers in satisfactory condition and pump in good order?	
8.18	Cofferdams in satisfactory condition?	
8.19	Pipe/ service tunnels in satisfactory condition?	
8.20	Electrical conduits in satisfactory condition?	
8.21	Superstructure plating in satisfactory condition?	



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8.22	Hull sacrificial anodes in good order (if visible)?	
8.23	Are sounding pipes and air pipes labelled?	
8.24	Is deck lighting adequate? Any breakage or exposure?	
8.25	Is emergency lighting and/or radio battery locker ventilated and fitted with warning notices regarding potential for gas explosion?	
8.26	Are deck stores clean, tidy & in good order?	
8.27	Is paint locker fitted with any fire detection/fire fighting appliances and warning notices in place?	
8.28	Are the oxy-acetylene gas cylinders properly secured in a vertical position in proper racks?	
8.29	Is there a loadicator/ stress indicator on board and in good working order? (Bulk carriers L 150 m. or more)	
<b>Comments:</b>		





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<b>9.0</b>	<b>Ballast Tanks Including Fore Peak and Aft Peak (All Vessels)</b>
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		Yes/No/NA
9.01	Are the tank coatings in satisfactory condition?	
9.02	Are sacrificial anodes (if fitted) in satisfactory condition?	
9.03	Are the tank internal structures in satisfactory condition?	
9.04	Were the double bottom tanks and/or wing tanks pressure tested and results satisfactory?	
9.05	Are the ballast lines & valves (including valve remote operation & indicator) in working order?	
9.06	Ballast tanks free of doublers or temporary repairs and in satisfactory condition?	
9.07	Hold ballast and dry space water level detector tested in good working order? (Bulk carrier-SOLAS Ch. XII-reg 12)	
	Alternative pumping system for ballast tanks and bilges of dry space tested and in good working order? (Bulk carrier-SOLAS Ch. XII-Reg. 13)	
<b>Comments:</b>		



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10.0	<b>Cargo Worthiness – Dry Cargo Vessels (including Reefer &amp; Container Vessels)</b>	Yes/No/NA
10.01	Tank tops free of plate doublers and in satisfactory condition?	
10.02	Manholes and covers on tank tops in satisfactory condition?	
10.03	Hold bilges clean and suctions tested & witnessed as being satisfactory?	
10.04	Hold air and sounding pipes intact and satisfactory & fitted with adequate protection against mechanical damage?	
10.05	Hold platforms/ access ladders/ guard rails satisfactory?	
10.06	Hold ventilation and fire flaps satisfactory?	
10.07	Hold transverse bulkheads & associated framing free of doublers and corrosion or mechanical damage?	
10.08	Internal shell plating & associated side framing free of corrosion and/or mechanical damage?	
10.09	Double bottom, hopper and top-side ballast tanks pressed up with satisfactory results?	
10.10	Hatch coamings and brackets satisfactory?	
10.11	Hatch cover pontoons/ panels satisfactory?	
10.12	Hatch cover cross joint seals satisfactory?	
10.13	Hatch cover seals and retaining channels satisfactory?	
10.14	Hatch coaming drains satisfactory?	
10.15	Compression bars satisfactory?	
10.16	Hatch cover wheels satisfactory?	
10.17	Side locking cleats satisfactory?	
10.18	Cross joint wedges satisfactory?	
10.19	Coaming non-return valves satisfactory?	
10.20	Adequate tarpaulins (at least 3 per hatch) and in satisfactory order?	
10.21	Adequate steel side battens and wooden wedges?	



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10.22	Hatch locking bars provided and in use?	
10.23	Hatch cover hose test or ultrasonic leak test with satisfactory result?	
10.24	Tween decks satisfactory?	
10.25	Tween deck hatch covers satisfactory?	
10.26	Tween deck guard rails satisfactory?	
10.27	Lashing equipment and securing points satisfactory?	

**N.B.** CO<sub>2</sub> System is also a cargoworthiness issue. System integrity must be confirmed & reported at 7.21 and 7.22

<b>Comments:</b>
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11.0	Cargo Worthiness – Refrigerated Cargo Vessels (additional items)	Yes/No/NA
11.01	Refrigeration machinery satisfactory?	
11.02	Remote thermometers satisfactory?	
11.03	Ventilation system satisfactory?	
11.04	Insulation of holds satisfactory?	
<b>Comments:</b>		



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12.0	Cargo Worthiness – Container Vessels (additional items)	Yes/No/NA
12.01	Cell guides and pads / sockets satisfactory?	
12.02	Adequate provision of lashing equipment as per Cargo Securing Manual?	
12.03	Adequate maintenance of lashing equipment as per Cargo Securing Manual?	
12.04	Adequate spares as per Cargo Securing Manual?	
12.05	Compliance with maximum stack height as per Cargo Securing Manual?	
12.06	Compliance with permissible vertical sequence of masses in stacks as per Cargo Securing Manual?	
12.07	Compliance with maximum stack masses as per Cargo Securing Manual?	
12.08	Compliance with stowage pattern for containers of different dimensions as per Cargo Securing Manual?	
12.09	Utilisation of securing devices as per Cargo Securing Manual?	
12.10	Procedures implemented to ensure non-conforming twistlocks not used?	
12.11	Procedures implemented to ensure proper stowage/ segregation of hazardous cargo?	
12.12	Procedures implemented to ensure proper stowage/ segregation of temperature controlled cargo?	
12.13	Reefer electrical connections satisfactory?	
12.14	Bilge high level alarms fitted and tested satisfactorily?	
<b>Comments:</b>		



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13.0	Cargo Worthiness – Tankers and Gas Carriers	Yes/No/NA
13.01	Tank tops satisfactory?	
13.02	Pipelines and bell mouths in tanks satisfactory?	
13.03	Heating coils (if fitted) satisfactory? Last date of pressure test of heating coils	
13.04	Platforms and guard rails in tanks satisfactory?	
13.05	Ladders in tanks satisfactory?	
13.06	Cargo tank coatings satisfactory?	
13.07	Double bottom tanks & wing tanks satisfactory (double hull vessels)?	
13.08	Tank valves & spindles satisfactory:?	
13.09	Fixed ullaging equipment inside the tanks satisfactory?	
13.10	Is the portable ullaging equipment satisfactory?	
13.11	Tank insulation satisfactory (Gas carriers)?	
13.12	Cargo pumps satisfactory including their shafts, bearings, gauges/indicators?	
13.13	Pump room bilges satisfactory?	
13.14	Pump room piping satisfactory?	
13.15	Pump room valves satisfactory?	
13.16	Pump room ventilation & lighting satisfactory?	
13.17	Pump room ladders & guard rails satisfactory?	
13.18	Pump room floor plating satisfactory?	
13.19	Cargo manifolds satisfactory?	
13.20	Are cargo manifold pressure gauges fitted & in working order?	
13.21	Deck piping and valves satisfactory?	
13.22	Are cargo lines pressure tested yearly & dates marked on the pipeline?	
13.23	Gas lines and P/V valves satisfactory?	



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13.23	Cargo tank gauges satisfactory?	
13.24	Cargo tank high level alarm (95% & 98%) working satisfactorily?	
13.25	Is ship-shore fire connection readily available?	
13.26	Inert gas system satisfactory?	
13.27	Tank lids, seals and opening and securing devices satisfactory?	
13.28	Ullage ports satisfactory including seals and securing arrangements?	
13.29	Crude oil washing equipment and piping satisfactory?	
13.30	Portable tank washing equipment including Butterworth machines & hoses adequate & properly maintained?	
13.31	The cargo and pump monitoring & control equipment in cargo control room satisfactory?	
13.32	No smoking signs posted?	
13.33	Tank cleaning & pre-load testing/procedures implemented on board?	
13.34	If special measures are required to maintain adequate stability (e.g. maintaining ballast in D.B. tanks) are the crew fully aware of this?	
13.35	Is the vessel properly fitted with double valve isolation and are procedures in place to prevent cross tank contamination?	
<b>Comments:</b>		



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14.0	Engine Room and Machinery	Yes/No/NA
14.01	Main engine(s) in satisfactory condition?	
14.02	Auxiliary engines/ generators in satisfactory condition?	
14.03	Boilers in satisfactory condition?	
14.04	Steering gear in satisfactory condition?	
14.05	Emergency steering tested with satisfactory result?	
14.06	Communication system between steering flat and bridge tested with satisfactory result?	
14.07	Emergency steering instructions posted in the steering flat in common language?	
14.08	Rudder gland satisfactory?	
14.09	Main switchboard satisfactory?	
14.10	Is there an insulating rubber mat at switchboard front?	
14.11	Domestic refrigeration machinery in satisfactory condition:?	
14.12	ER workshop in satisfactory condition with sufficient safety guards fitted & safety goggles available for grinding & welding work?	
14.13	Are there sufficient spares and tools on board as per class requirement/ equipment manufacturers' recommendation?	
14.14	Control room alarms and instrumentation in satisfactory condition?	
14.15	Ventilation flaps and remote ventilation stops in satisfactory condition?	
14.16	Oil fuel quick closing valves tested with satisfactory result?	
14.17	Oil fuel pumps' remote stops tested with satisfactory result?	
14.18	Are screen or sheathing of fuel oil lines in order?	
14.19	Sea valves satisfactory?	
14.20	Bilge high level alarms operational?	
14.21	Bilges clean and dry?	
14.22	Shaft seal satisfactory?	





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14.23	Pipe colour code system implemented?	
14.24	Emergency generator tested and/or batteries satisfactory?	
14.25	Emergency exits and escapes clearly marked and unobstructed?	
14.26	Floor plating secured and in clean condition?	
14.27	Sufficient lighting throughout engine room & in safe condition (no breakage or exposure)?	
14.28	Lubricating oil analysis carried out for main engine & auxiliaries. Result were satisfactory and available on board?	
14.29	Engine crew familiar with starting procedure from blackout?	
14.30	Engine crew capable of resetting of overspeed trip?	
14.31	Main engine crankshaft deflections satisfactory?	
14.32	Running hours for main engine since last overhaul: Are the running hours within manufacturer's recommendation since last overhaul?	
14.33	Running hours since auxiliary engines last overhauled:	
	#1	
	#2	
	#3	
14.34	Are the running hours of auxiliary engines within manufacturer's recommendation since last overhaul?	
14.35	Lifejackets provided in permanent stowage for engine room crew?	
14.36	General cleanliness of engine room satisfactory?	
14.37	Are operation & maintenance manuals for the M/E, A/E & equipment in the engine room in order?	
<b>Comments:</b>		



## P&I Condition Survey – Part B

15.0	Oil Pollution Prevention	Yes/No/NA
15.01	Is oily water separator (OWS) or oil discharge monitoring equipment (ODME) working & routinely used?	
15.02	Are operating instructions posted for OWS or ODME?	
15.03	Are suitable anti-pollution warning notices posted?	
15.04	Is communication system for bunkering operation adequate?	
15.05	Are written procedures & checklist for bunker transfers posted/available?	
15.06	Are adequate scupper plugs available & evidence of use during bunkering and/or oil cargo operations?	
15.07	Are oil pollution drills conducted in accordance with SOPEP/ SMPEP plan?	
15.08	Is there adequate quantity of oil absorbents & chemicals on board for dealing with small oil spill?	
15.09	Are save-alls fitted on deck around bunker manifolds, air pipes & sounding pipes, winches & windlass?	
15.10	Is the deck free of oil/oily material?	
<b>Comments:</b>          		



## P&I Condition Survey – Part B

16.0	Accommodation and Galley Area	
		Yes/No/NA
16.01	Is the accommodation in clean condition?	
16.02	Is the electrical safety within accommodation satisfactory?	
16.03	Is the cleanliness of galley/ uptakes satisfactory?	
16.04	Is the cleanliness of galley uptakes satisfactory?	
16.05	Is there a CO <sub>2</sub> / DP fire extinguisher or fire blanket in the galley?	
16.06	Galley doors & servery hatches fire retardant?	
16.07	Are the stores in clean condition?	
16.08	Are crew toilets and showers working and in good order?	
16.09	Refrigerated store room alarms tested and satisfactory?	
<b>Comments:</b>          		



## P&I Condition Survey – Part B

17.0	Ship Management System (including ISM implementation)	Yes/No/NA
17.01	Are the ISM Safety Management Manuals on board and in use?	
17.02	Is the Master's understanding of the ISM Safety Management System satisfactory?	
17.03	Are ISM Internal audits carried out?	
17.04	ISM Records of non-conformance maintained? Are the non-conformance or deficiencies closed out?	
17.05	ISM reports of accidents and hazard maintained?	
17.06	ISM records of corrective action maintained?	
17.07	Does a Superintendent attend the vessel on a regular basis?	
17.08	Does the Master communicate with the company on a regular basis?	
17.09	Is there a company circular file kept on board?	
17.10	Are files maintained on board of the Master's, Chief Officer's and Chief Engineer's reports to the owners/managers?	
17.11	Are shipboard management meetings held on a regular basis?	
17.12	Are the minutes of the management meetings sent to the Owners?	
17.13	Is the Planned Maintenance System implemented on board? How is the general appearance of the vessel?	
17.14	Is there a drug and alcohol policy?	
17.15	Are there contingency plans available to deal with major incidents such as collision, pollution, fatalities, serious cargo damage?	
17.16	Safety Officer's Incident Book maintained?	
17.17	Accident reporting system implemented and documented?	
17.18	Safety meetings regularly held and safety meeting minutes recorded?	
17.19	Is there a safety committee on board?	
17.20	Are the safety meeting minutes sent to the company?	



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## P&I Condition Survey – Part B

17.21	Is there a designated Safety Officer on board?	
17.22	Are safety posters, training posters, tags, tallies, instruction books and technical manuals available on board and in a language understood by the crews?	
17.23	Are the crew provided with adequate personal protective equipment (PPE) for work?	
17.24	If so, are they properly instructed in how to use such equipment?	
17.25	Is an emergency contact list (eg representatives of owners, ship managers, charterers, agents, P&I correspondent/club, port safety & security) available and accessible to all crew?	
17.26	Has all asbestos, as used in the construction of the vessel been removed?	
17.27	If there is asbestos still on board, are the Master/crew aware of the dangers of exposure to this material?	
<b>Comments:</b>		



## P&I Condition Survey – Part B

<b>18.0</b>	<b>ISPS: SHIP SECURITY</b>	<b>Yes/No/NA</b>
18.01	Is an approved ship security plan onboard? (ISPS Part A:9.2)	
18.02	Is the CSR (Continuous Synopsis Record) in order? (SOLAS 74 Chap XI-1 reg 5.3)	
18.03	Is the ship's Identification No. permanently marked? (SOLAS 74 Chap XI-1 reg 3)	
18.04	Is the SSAS (Ship Security Alert System) installed onboard? (SOLAS 74 Chap XI-2 reg 6) -Oil/chemical tankers ≥ 500 GRT: not later than the first radio survey after 1 July 2004 -Other cargo ships ≥ 500 GRT: not later than the first radio survey after 1 July 2006	
18.05	Has the Ship Security Officer (SSO) undergone SSO training?	
18.06	Has ship security drills been carried out at intervals of at least once every three months? (ISPS Part B: 13.6)	
18.07	Is there evidence to indicate that the Master has been made familiar with the Maritime security measures and the ISPS Code (SOLAS 74 Chap XI-1 reg 8)	
<b>Comments:</b>		