

Part C Hatch Covers

Survey Questionnaire

Ultrasonic Weather Tightness Test of Hatch Covers

Ship name:

IMO No:

Date survey completed:

Survey port:

Surveyor's name:

Survey company:

Surveyor's ref. number:

Order club:

Club ref. no.:

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6. Survey Questionnaire - Hatch Covers

6.1 Hatch Covers

		Remarks
6.1.1	Hatch No (from forward):	<input type="text"/>
6.1.2	Hatch type?	<input type="text"/>
6.1.3	Ultrasonic equipment type	<input type="text"/>
	Transmitter:	
	Receiver:	
	Date equipment last calibrated:	
6.1.4	Initial measurements with open hatch? (Minimum preferred OHV is 40dB)	<input type="text"/>
	Open hatch value, OHV: (To be uniform over the tested area)	
	10% of OHV (dB):	
6.1.5	Fail/Pass criterion	Fail <input type="radio"/> Pass <input type="radio"/>
	In accordance with the pass/fail criteria generally adopted by IACS: If the dB reading is more than 10% of OHV the hatch cover is not considered weather tight and corrective action needs to be taken.	
6.1.6	Measurements with closed hatch where reading > 10% OHV	
	Position	dB reading Remarks
	<input type="text"/>	<input type="text"/> <input type="text"/>
6.1.7	Remarks:	
	<input type="text"/>	

6.1.8 (a) Ship Name

Hatch Number:

Surveyor to insert positions of cross joints etc. Indicate areas where leakage (>10% OHV) by X

FWD



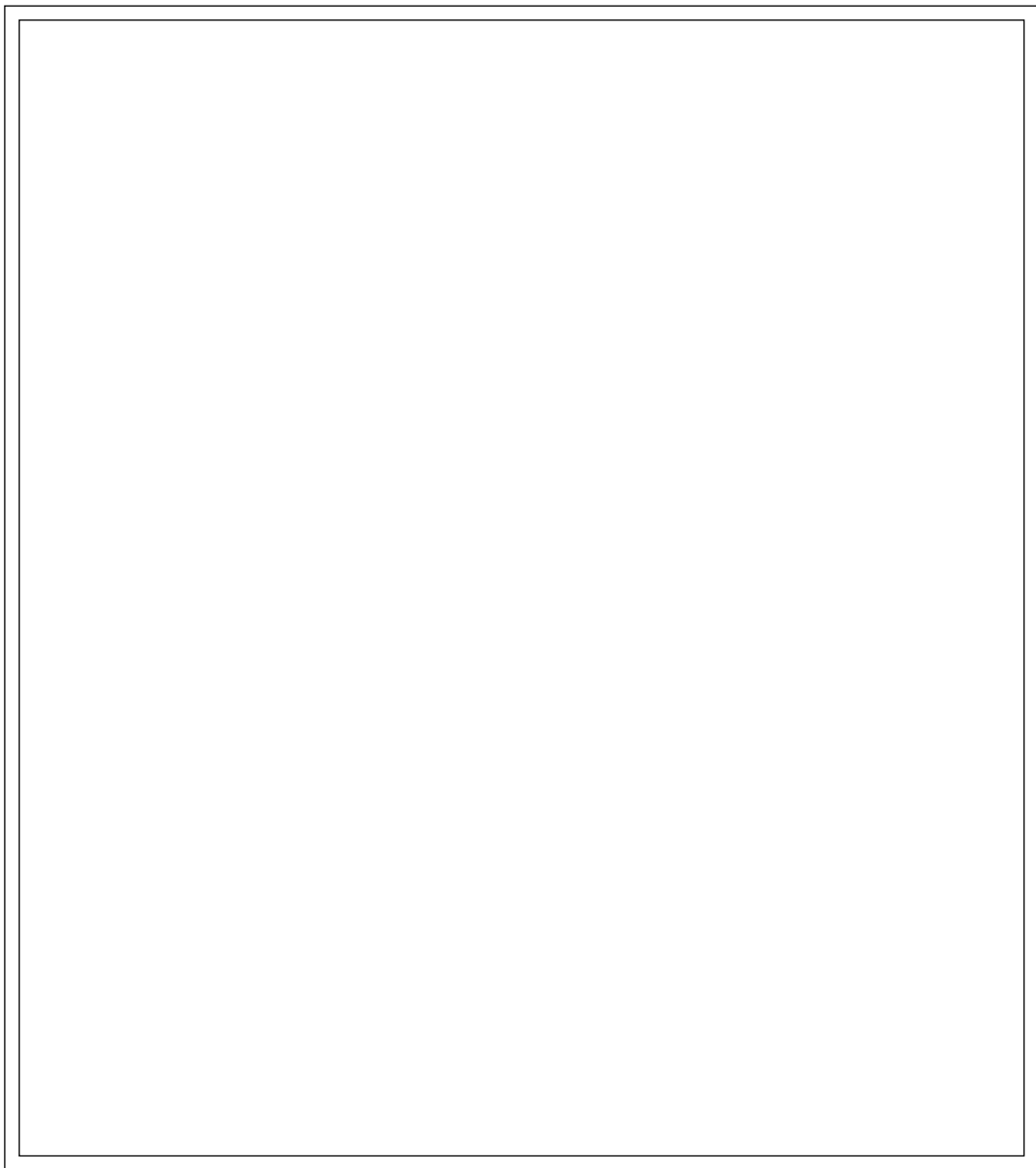
AFT

6.1.8 (b) Ship Name

Hatch Number:

Surveyor to insert positions of cross joints etc. Indicate areas where leakage (>10% OHV) by X

FWD



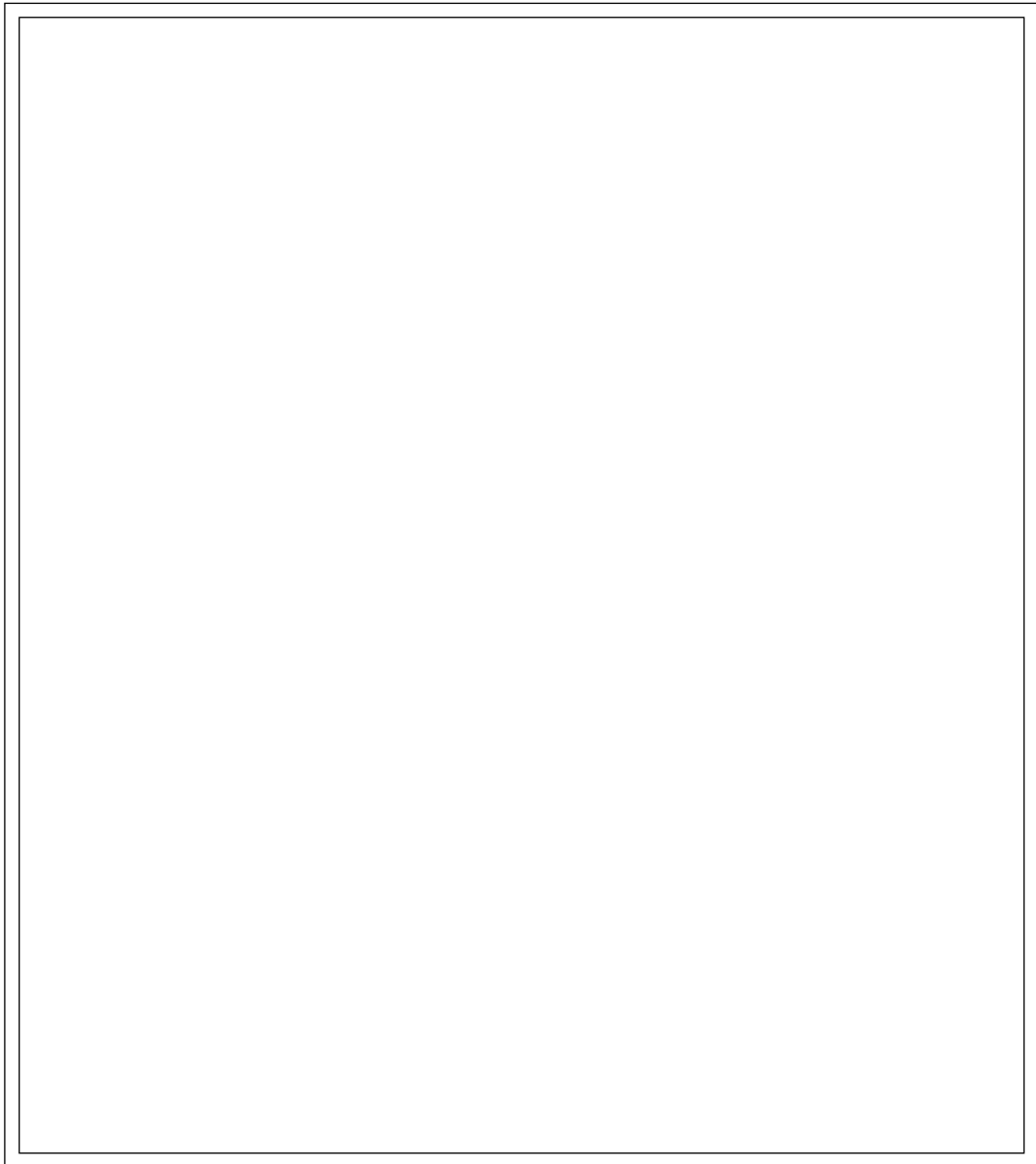
AFT

6.1.8 (c) Ship Name

Hatch Number:

Surveyor to insert positions of cross joints etc. Indicate areas where leakage (>10% OHV) by X

FWD

A large empty rectangular box with a double-line border, intended for the surveyor to record the positions of cross joints and areas of leakage. The box is oriented vertically and occupies most of the page's width and height.

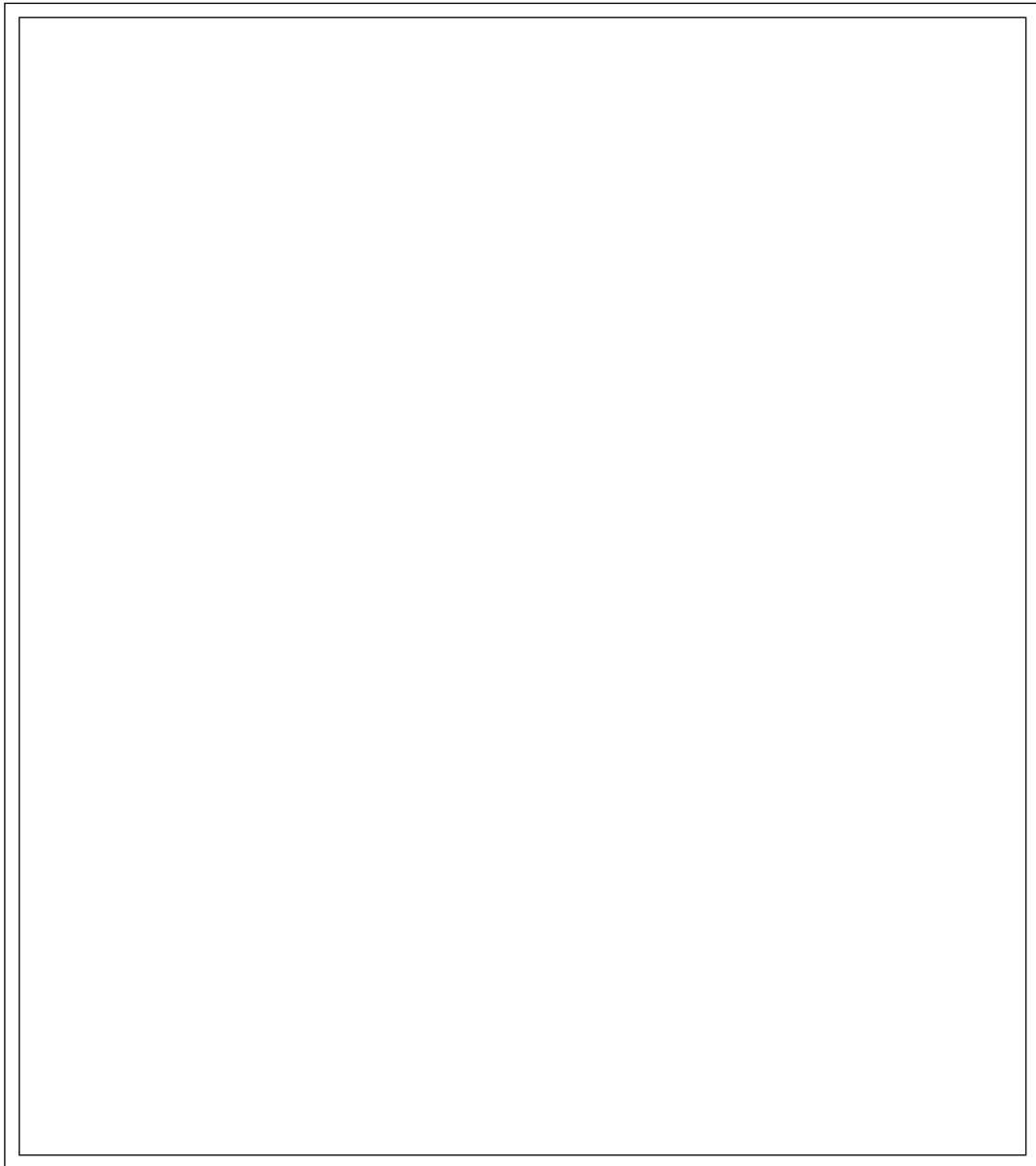
AFT

6.1.8 (d) Ship Name

Hatch Number:

Surveyor to insert positions of cross joints etc. Indicate areas where leakage (>10% OHV) by X

FWD



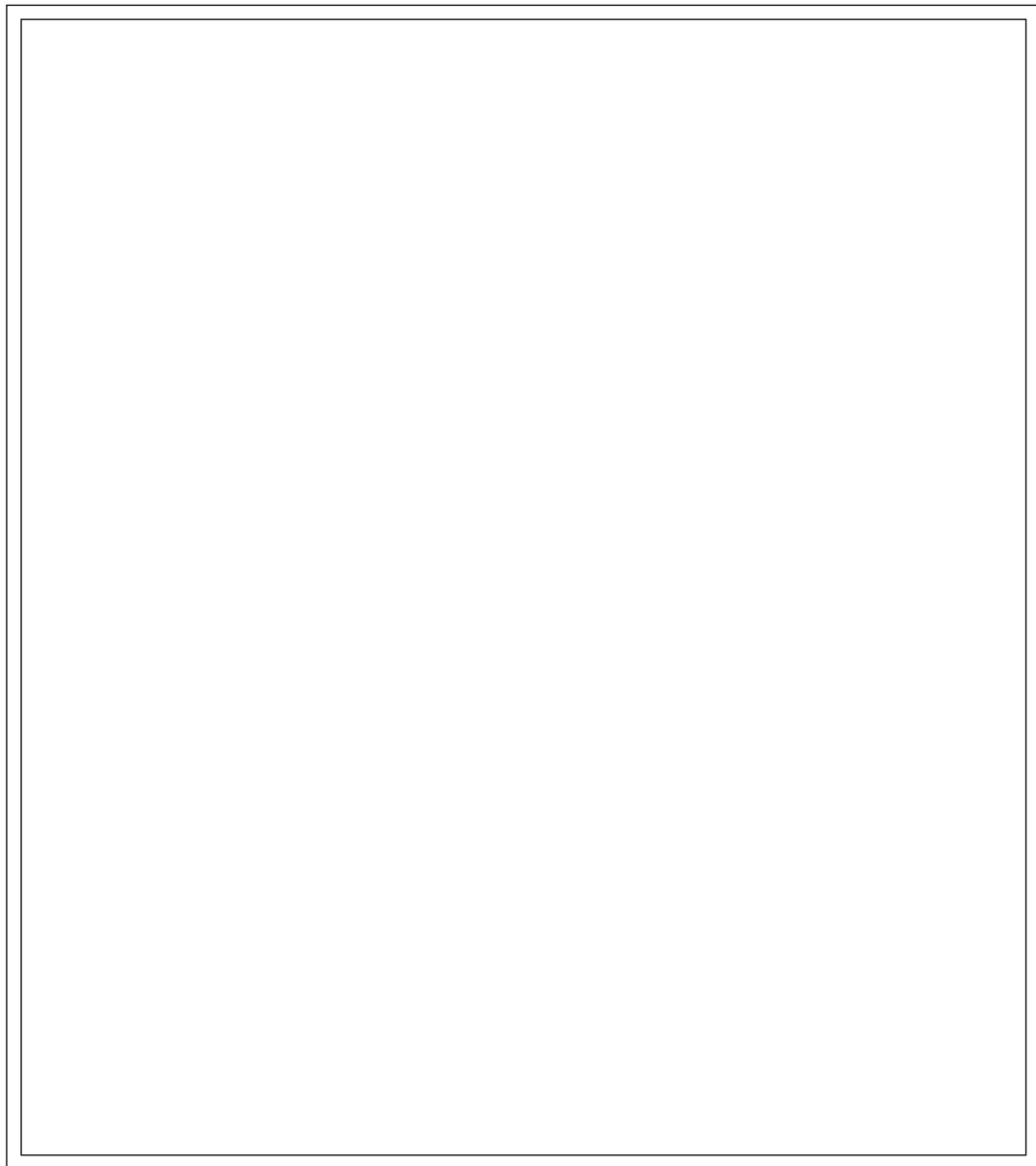
AFT

6.1.8 (e) Ship Name

Hatch Number:

Surveyor to insert positions of cross joints etc. Indicate areas where leakage (>10% OHV) by X

FWD



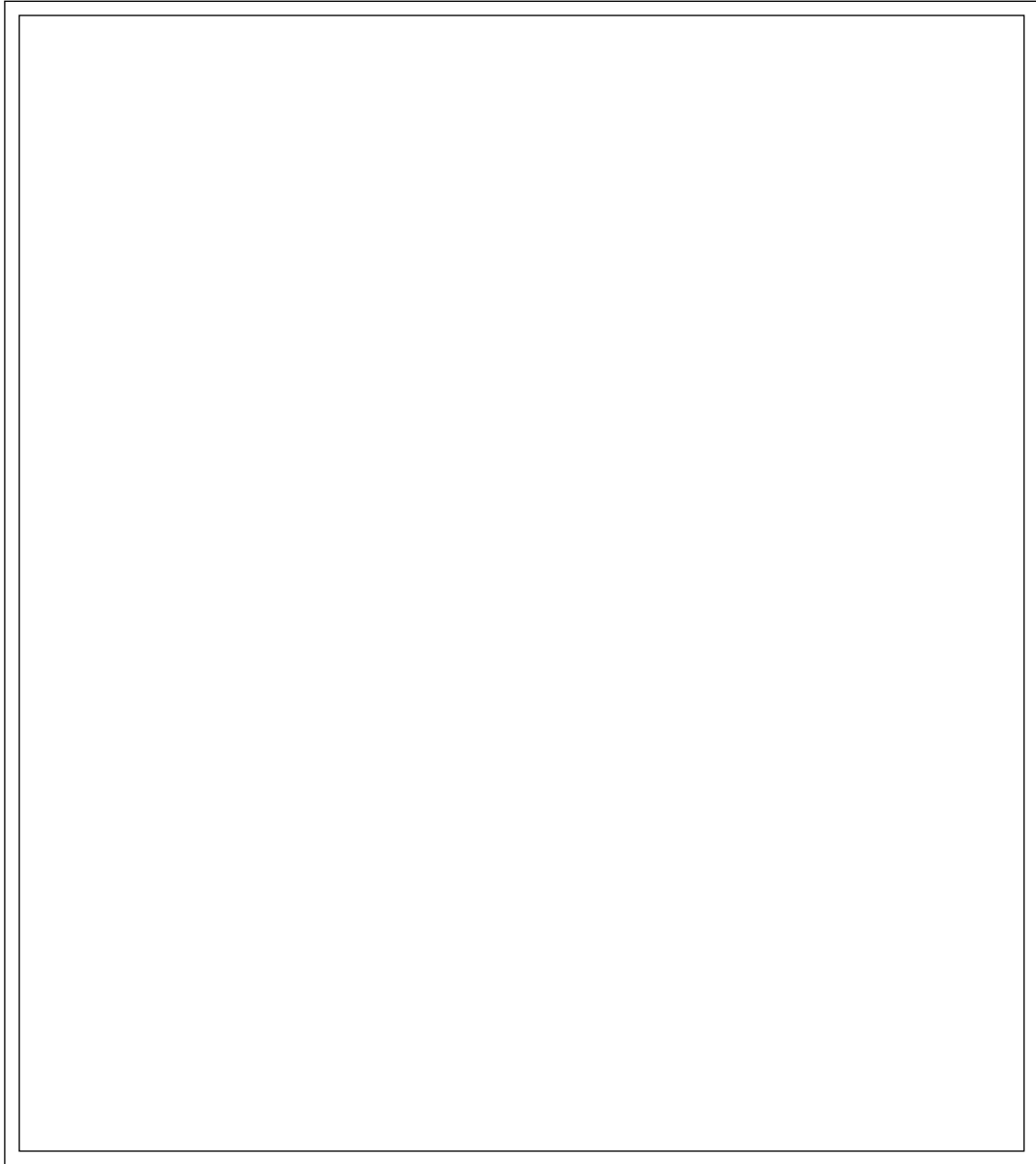
AFT

6.1.8 (f) Ship Name

Hatch Number:

Surveyor to insert positions of cross joints etc. Indicate areas where leakage (>10% OHV) by X

FWD



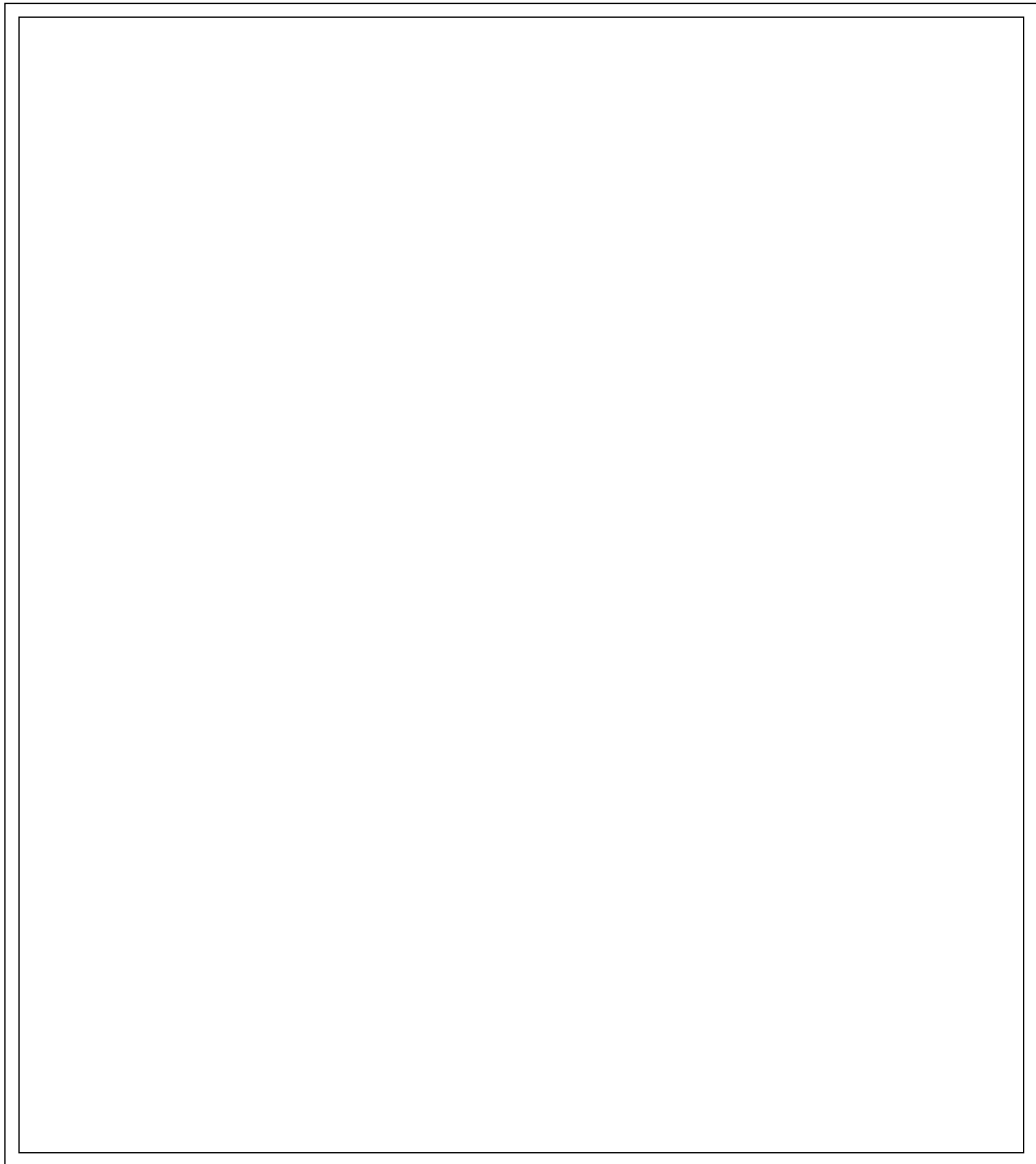
AFT

6.1.8 (g) Ship Name

Hatch Number:

Surveyor to insert positions of cross joints etc. Indicate areas where leakage (>10% OHV) by X

FWD



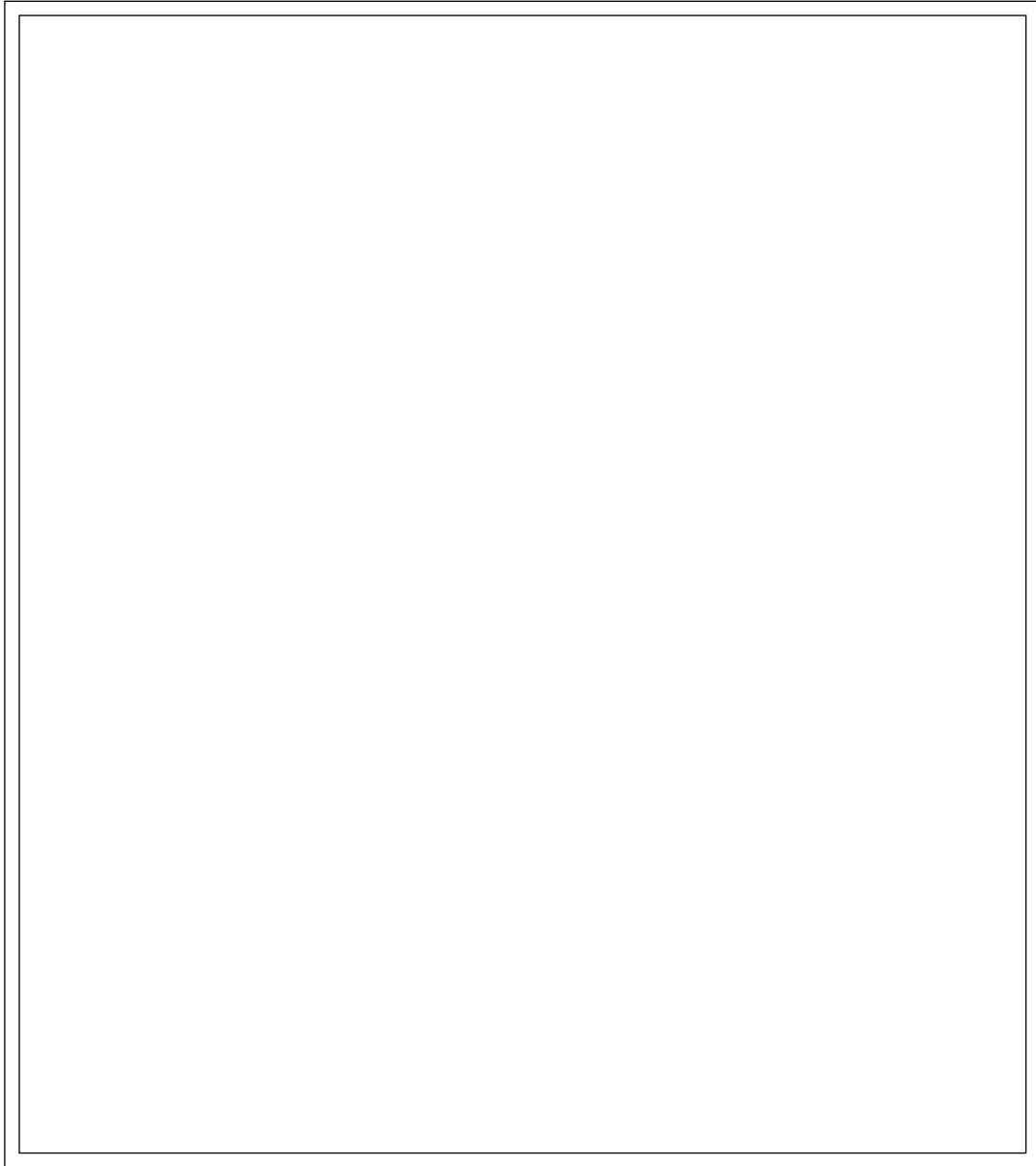
AFT

6.1.8 (h) Ship Name

Hatch Number:

Surveyor to insert positions of cross joints etc. Indicate areas where leakage (>10% OHV) by X

FWD



AFT

		Y	N	NA	NI	Remarks
6.1.9	Are all cargo hatch covers and coamings, including landing pads, in apparent satisfactory structural condition?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
6.1.10	Confirm no apparent indications of water or oil leaks in the cargo holds?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
6.1.11	Are access hatches and coamings in apparent satisfactory condition?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
6.1.12	Are hatch cover panels apparently correctly aligned?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
6.1.13	Are compensation bars, landing pads, cleats and cross joint wedges in apparent satisfactory condition and properly adjusted?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
6.1.14	Are rubber gaskets in apparent satisfactory condition? Are any repairs correctly performed (paying particular attention to corner pieces)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
6.1.15	Are side and cross joint drain channels and non-return devices in apparent satisfactory condition?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
6.1.16	Can hatch covers be closed / opened with undue delay?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
6.1.17	Is the chain pull / hydraulic system in apparent satisfactory condition?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
6.1.18	Are hatch cover hinges in apparent satisfactory condition?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Y N NA NI Remarks

6.1.19 Can main and access hatch covers be safely secured in the open position?

6.1.20 Is a Hatch Cover Manual onboard and in a language understood by the crew? State hatch cover manufacturer.

Additional information

Name of Master:

Signature of Master:
(For receipt only)

Name and signature of Surveyor:

Date:

Place: