

Standard Dry-Dock Check List

&

Risk assessment

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INTERTANKO

2019 Tripartite Meeting

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Tokyo

***LEADING THE WAY,
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Vessel Name:

Vessel Type:

IMO Number:

Class (including Notations):

Repair (Build) yard:

Repair commencement (steel cutting) date:

Delivery date:



#	Item per category	VIQ #7 item No.	Completed by	Timing	Verified by	Remarks	Criticality Exposure Index (CEI)
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DONE BY	TIMING	VERIFIED BY
yard crew rank class workshop service engineer	PDT: prior dock trials DDT: during dock trials DST: during sea trials PS: prior sailing	Class Fleet superintendent Master Chief Engineer



	Item per category	VIQ #7 item No.	Completed by	Timing	Verified by	REMARKS	Criticality Exposure Index (CEI)
1	General Information						
2	2. Certification and Documentation						
2.1	New Certificates / Test Records / Receipts issued during DD period verified to be onboard.	2		PDT			1
2.2	Confirm Certificates / Endorsements are correct (forward copies to office ASAP).	2		PDT			1
.....						
4.6	Temporary notices, Navtex, weather information received and passage plan prepared. ECDIS pre-departure check list "Bridge-24" completed.	4.13, 4.20, 4.17		PS			3



SHIP ENERGY EFFICIENCY FORMS

Vessel's Drydocking - Risk Code

Code:	F-SEE-28
Issue No.:	3
Revision:	0
Date:	01/03/2018

RISK PRIORITY CODE

Risk (R) = Likelihood (L) x Consequence (C)				(C) CONSEQUENCE RATING		
1-3: LOW		Risk acceptable, can proceed with the task		1	2	3
4-6: MEDIUM		Task can be scheduled, however reviewing of controls recommended to reduce the risk rating		Commercial	Pollution	Safety
7-12: HIGH		Cannot proceed with the task unless appropriate controls are taken to reduce the risk		Damage to asset or financial damage	Harm to the environment	Human injury, health damage or fatality
LIKELIHOOD RATING (L)	1	Very Unlikely	Never occurred in the industry	1	2	3
	2	Unlikely	Occurred in the industry	2	4	6
	3	Likely	Occurred more than once in the industry	3	6	9
	4	Very Likely	Occurred more than once in the industry & at least once in the Company	4	8	12



IDENTIFICATION OF HAZARD			ASSESSMENT OF RISK *				IMPLEMENTATION OF CONTROLS		FINAL RISK				
HAZARD	CAUSE	RESULT	(L1) Likelihood	(C) Consequence	(R) Risk (L1xC)	Risk Level	ACTION	REFERENCE DOCUMENT	(L2) Likelihood	(FR) Final Risk (L2xC)	Risk Level		
2	VESSEL'S DRYDOCKING	Certification & Documentation											
2.1		New Certificates / Test Records / Receipts issued during DD period not onboard. (VIQ. 2)	Human error/ negligence.	Commercial implications in vessel's trading.	2	1	2	LOW	Verification prior sailing that all newly issued certificates are onboard, both by Master and attending superintendent.	Dry dock check list	1	1	LOW
2.2		Certificates / Endorsements not correct (copies not sent to office ASAP). (VIQ. 2)	Human error/ negligence.	Commercial implications in vessel's trading.	2	1	2	LOW	Verification prior sailing that all newly issued certificates are correct, both by Master and attending superintendent.	Dry dock check list	1	1	LOW
2.3		VGP requirements breached / documentation not in order. Class Statement of Facts not prepared. (VIQ. 2)	Required inspections/ maintenance not carried out, reports for same not issued. Items overlooked/ forgotten.	Pollution/ Commercial implications in vessel's trading.	2	2	4	MEDIUM	Verification prior sailing that each VGP required form/ certificate/ statement have been issued in good order, both by Master and attending superintendent. All required inspections have been carried out to the satisfaction of the attending class surveyor.	Dry dock check list Biofouling Management Plan/ Records	1	2	LOW
2.4		Class 'Factual Statement' that the Special Survey has been completed and that the ESP (Executive Hull Summary & Thickness Measurements) documentation is under preparation by Class head office (will be issued in due course) not issued. (VIQ.2)	Required inspections/ maintenance not carried out, reports for same not issued. Items overlooked/ forgotten.	Commercial implications in vessel's trading.	2	1	2	LOW	Verification prior sailing that relevant statement issued and final report is under preparation, both by Master and attending superintendent.	Dry dock check list	1	1	LOW
2.5		Class factual statement for the pressure test of piping conducted not issued. (VIQ. 2, 8.3)	Leakage in way of piping. Report not issued, item overlooked/ forgotten.	Pollution hazards. Commercial implications in vessel's trading.	2	2	4	MEDIUM	Pressure test of piping performed during cargo tank washing operations prior docking; repairs (as/ if needed affected). Verification prior sailing that relevant statement issued, both by Master and attending superintendent.	Dry dock check list	1	2	LOW
2.6		Class factual statement for the ETA structural support members. (VIQ. 2, 9.28)	Defect in way of underdeck supporting structure. Relevant inspections not carried out and/ or reports missing.	ETA equipment inoperative. Safety issues. Commercial implications in vessel's trading.	2	3	6	MEDIUM	Supporting structure is inspected by Class surveyor and attending superintendent. Verification prior sailing that relevant statement issued, both by Master and attending superintendent.	Dry dock check list Class checklist	1	3	LOW
2.7		Vessel drawings, Fire/ Safety/ Emergency plans used during drydock period missing. Special tools, and other ship property not returned on board. (VIQ. 2)	Human error/ negligence.	Safety hazards/ routine maintenance implications.	3	3	9	HIGH	Items landed/ handed over to the shipyard's personnel documented in relevant landing forms. Master/ Chief engineer frequently updated on outstanding items during daily safety meetings. Final check prior sailing is performed by ship's crew.	Landing forms/ onboard checklist	1	3	LOW



CONCLUSIONS

INTERTANKO

Dry-Dock Check List is a Guidance

INTERTANKO Members invited to use it and many do

Advantage to use a standard Check List

Advantage to do a Risk Assessment on work /outcome of the Dry-Dock activity

Initiative to attempt on reducing/eliminating post DD problems

Increase confidence on problem-free post Dry Dock operation

Maybe easier to be contracted for a “post Dry Dock first cargo”

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