



# Dry Dock Preparation Checklist & Shipyard Planning in South Korea

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Inspector Name: \_\_\_\_\_ Date: \_\_\_\_\_

Signature: \_\_\_\_\_

## ***Korean Shipyard Selection & Berth Booking***

Sr No.	Inspection Item	Good	Repair	Replace	NA
1	Evaluate Korean dry dock facilities at HD HHI Ulsan Hanwha...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Confirm selected Korean shipyard dry dock dimensions length width and...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Verify shipyard repair track record and capability for specific vessel...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Book berth minimum 6 to 12 months in advance as...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Negotiate and execute shipyard repair contract including scope of work...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Confirm dockmaster availability and yard project manager assigned as single...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Clarify Korean shipyard working hours public holiday schedule and overtime...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Confirm Korean port authority and customs clearance procedures for vessel...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	Agree communication language and translation support requirements with Korean yard...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	Confirm availability of owner-furnished equipment (OFE) lay-down areas and bonded...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## Pre-Docking Planning & Schedule Development

Sr No.	Inspection Item	Good	Repair	Replace	NA
11	Prepare master dry dock schedule with all work items assigned...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	Develop docking plan showing keel block positions bilge block positions...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	Calculate vessel displacement trim and stability condition required for safe...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	Prepare pumping and dewatering sequence plan for dock flooding and...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	Schedule class society surveyor attendance dates with Korean Register (KR)...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	Plan concurrent work streams to maximise productivity within the agreed...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	Identify long-lead items requiring early procurement before vessel arrival at...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18	Develop contingency plan for unexpected structural findings or machinery defects...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19	Agree daily progress meeting schedule with Korean yard project manager...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20	Confirm sea trial route and Korean VTIS reporting requirements for...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Pre-Arrival Documentation Submission to Korean Yard**

Sr No.	Inspection Item	Good	Repair	Replace	NA
21	Submit general arrangement plan and docking plan with keel block...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22	Submit shell expansion drawing with known corrosion and previous steel...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23	Submit previous dry dock report and class survey status report...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24	Submit full thickness measurement records and previous UTM reports to...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25	Submit detailed repair specification and work list with steel renewal...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26	Submit machinery overhaul scope including main engine auxiliary engines generators...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27	Submit list of outstanding class recommendations and flag state deficiencies...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28	Submit spare parts delivery schedule and OFE list with expected...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29	Submit current class and statutory certificates to Korean yard for...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30	Submit ISM safety management system documentation and ship-specific risk assessments...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## Vessel Condition Assessment & Defect List Compilation

Sr No.	Inspection Item	Good	Repair	Replace	NA
31	Chief engineer compiles defect list from PMS records covering all...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
32	Chief officer compiles hull and structural defect list including corrosion...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
33	Review last dry dock report and confirm all outstanding recommendations...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
34	Review class survey status and prepare survey item matrix showing...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
35	Conduct pre-dry dock thickness measurement survey to establish baseline UTM...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
36	Assess condition of ballast tank coatings using last internal inspection...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
37	Assess propulsion system condition including tail shaft wear-down measurements to...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
38	Compile list of spare parts and materials required for all...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
39	Obtain manufacturer technical bulletins and class circulars applicable to vessel's...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
40	Review BWMS compliance schedule and confirm if D-2 installation or...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### ***Korean Register (KR) & Class Survey Programme Preparation***

Sr No.	Inspection Item	Good	Repair	Replace	NA
41	Contact Korean Register (KR) Busan head office or attending IACS...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
42	Confirm survey items due for special survey intermediate survey or...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
43	Request KR attendance confirmation for hull structural survey thickness gauging...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
44	Arrange KR surveyor attendance for main engine and auxiliary machinery...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
45	Confirm KR requirements for tailshaft survey including withdrawal criteria based...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
46	Prepare survey programme document listing each survey item attending surveyor...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
47	Confirm KR requirements for hatch cover hose testing and load...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
48	Arrange attendance of flag state surveyor if required for statutory...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
49	Obtain KR guidance on CAS (Condition Assessment Scheme) requirements if...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
50	Confirm KR requirements for thickness gauging scope and nominated gauging...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## Hull Steel Renewal & Structural Work Specification

Sr No.	Inspection Item	Good	Repair	Replace	NA
51	Prepare steel renewal drawing marking all areas identified by UTM...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
52	Specify insert plate dimensions material grade (AH32 AH36 or equivalent)...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
53	Confirm Korean yard has appropriate classification society approved welding procedures...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
54	Specify requirement for KR or class surveyor to witness all...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
55	Include frame and longitudinal renewal scope where wastage behind frames...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
56	Specify deck plating renewal areas and any structural modifications to...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
57	Include hatch coaming and hatch cover structural repairs with hose...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
58	Specify bilge keel renewal or section replacement if wastage or...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
59	Specify ballast tank frame renewal scope based on close-up survey...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
60	Include transverse bulkhead and web frame repair scope for tanks...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
61	Specify all weld seam repairs identified by previous close-up survey...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### **Underwater Body Running Gear & Tank Work Specification**

Sr No.	Inspection Item	Good	Repair	Replace	NA
62	Specify propeller removal polishing crack testing by MPI and rebalancing...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
63	Specify tailshaft withdrawal scope based on wear-down measurements and KR...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
64	Specify stern tube bearing inspection renewal of seals (forward and...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
65	Specify rudder bearing pintle and gudgeon inspection clearance measurement and...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
66	Specify sea chest overhaul including grating removal cleaning internal inspection...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
67	Specify all sea valve overhaul scope including gate valves butterfly...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
68	Specify sacrificial zinc anode replacement with quantity weight and alloy...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
69	Specify all bilge keel inspection and repair requirements and confirm...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
70	Specify internal tank inspection scope for ballast tanks fresh water...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
71	Specify echo sounder transducer and log impeller through-hull replacement if...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## Anti-Corrosion Coating & Paint Specification

Sr No.	Inspection Item	Good	Repair	Replace	NA
72	Prepare detailed hull coating specification referencing paint manufacturer product data...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
73	Specify hull blasting standard to Sa 2.5 or Sa 3...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
74	Specify antifouling paint type (self-polishing copolymer or foul-release) and number...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
75	Specify anticorrosive primer number of coats and DFT for boot...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
76	Specify ballast tank coating system type (PSPC compliant) DFT requirements...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
77	Specify cargo hold coating renewal areas and coating type and...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
78	Confirm Korean paint inspector (NACE or FROSIO certified) attendance for...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
79	Confirm paint manufacturer technical representative attendance at Korean yard during...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
80	Specify coating application environmental conditions (temperature humidity dew point) monitoring...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
81	Include superstructure and deck coating renewal scope and specify colour...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## Main Engine & Propulsion Machinery Overhaul Scope

Sr No.	Inspection Item	Good	Repair	Replace	NA
82	Specify main engine overhaul scope based on running hours manufacturer...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
83	Specify piston crown and liner inspection scope and renewal criteria...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
84	Specify crankshaft deflection measurement and bearing clearance check for all...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
85	Specify turbocharger overhaul scope including rotor balancing and nozzle ring...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
86	Specify fuel injection equipment overhaul including injector reconditioning and fuel...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
87	Specify cylinder head overhaul scope including valve grinding valve seat...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
88	Arrange manufacturer-approved Korean service engineer attendance for main engine overhaul...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
89	Specify main engine lube oil sump cleaning and LO settling...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
90	Specify shafting alignment check after propeller installation and before closing...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
91	Specify speed governor and fuel injection pump setting adjustment and...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### **Auxiliary Machinery Piping & Boiler Work Specification**

Sr No.	Inspection Item	Good	Repair	Replace	NA
92	Specify overhaul scope for all ballast pumps bilge pumps fire...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
93	Specify generator engine overhaul scope for each unit based on...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
94	Specify purifier and clarifier bowl and disc renewal and timing...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
95	Specify boiler survey scope including internal inspection tube examination and...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
96	Specify air compressor overhaul scope and pressure vessel recertification by...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
97	Specify heat exchanger cleaning tube bundle inspection and pressure testing...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
98	Specify seawater piping inspection renewal of corroded sections and pressure...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
99	Specify all overboard and bilge piping system inspection and valve...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
100	Specify sewage treatment plant service and MARPOL Annex IV compliance...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
101	Specify oily water separator service and overhaul and 15 ppm...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## ***Electrical Systems & Navigation Equipment Overhaul***

Sr No.	Inspection Item	Good	Repair	Replace	NA
102	Specify main switchboard and emergency switchboard inspection insulation resistance testing...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
103	Specify motor rewind or bearing renewal scope for motors identified...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
104	Specify navigation light testing and renewal of any failed lamp...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
105	Specify GMDSS equipment service and recertification including EPIRB battery hydrostatic...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
106	Specify VHF and MF/HF radio service and MMSI confirmation with...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
107	Specify AIS transponder service and output power test by Korean...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
108	Specify radar and ECDIS performance standards test and software update...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
109	Specify cathodic protection system inspection and impressed current ICCP system...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
110	Specify battery bank condition test for emergency batteries LSA battery...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
111	Specify shaft earthing device inspection and hull return system continuity...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### **Ballast Water Management System (BWMS) D-2 Compliance**

Sr No.	Inspection Item	Good	Repair	Replace	NA
112	Confirm vessel's BWMS compliance status and verify if IBWMC (International...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
113	Check D-2 discharge standard compliance schedule and confirm if current...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
114	If BWMS not yet installed confirm type-approved system selection and...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
115	Obtain Korean Ministry of Oceans and Fisheries (MOF) approval for...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
116	Specify BWMS installation scope including pipe spooling electrical connection control...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
117	Arrange commissioning test per BWM.2/Circ.70/Rev.1 at Korean yard using local...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
118	Confirm KR or attending class surveyor attendance for BWMS installation...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
119	Verify BWMS filter and UV lamp or electrochlorination unit installation...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
120	Update Ballast Water Management Plan (BWMP) to reflect installed BWMS...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
121	Confirm Ballast Water Record Book (BWRB) updated with dry dock...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## **MARPOL & Korean MOF Environmental Compliance Preparation**

Sr No.	Inspection Item	Good	Repair	Replace	NA
122	Confirm all MARPOL Annex I certificates (IOPP SOPEP) are current...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
123	Confirm MARPOL Annex VI compliance including IAPP certificate and ECA-compliant...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
124	Arrange Korean port authority pre-arrival notification and MARPOL waste reception...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
125	Confirm Korean shipyard has approved MARPOL waste reception contract for...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
126	Arrange tank cleaning for all fuel oil sludge tanks bilge...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
127	Obtain Korean customs clearance for bonded stores and vessel spares...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
128	Confirm Korean MOF waste disposal certificates are obtained by Korean...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
129	Verify Shipboard Oil Pollution Emergency Plan (SOPEP) is current and...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
130	Confirm Energy Efficiency Design Index (EEDI) or Ship Energy Efficiency...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
131	Verify MARPOL Annex V garbage management plan and garbage record...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### **Safety Equipment LSA & FFE Recertification Scope**

Sr No.	Inspection Item	Good	Repair	Replace	NA
132	Specify lifeboat and rescue boat davit overhaul scope including wire...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
133	Specify liferaft hydrostatic release unit service and liferaft container repack...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
134	Specify EPIRB battery renewal hydrostatic release service and re-registration if...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
135	Specify fixed fire suppression system inspection and recharge for CO2...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
136	Specify portable fire extinguisher service renewal and hydrostatic pressure test...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
137	Specify fire detection and alarm system full panel test and...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
138	Specify sprinkler system annual test and hydrostatic test of drencher...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
139	Specify immersion suit lifejacket and rescue throw line inspection and...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
140	Specify SCBA cylinder hydrostatic test and face mask condition inspection...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
141	Specify pyrotechnic flare disposal and renewal of items past expiry...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### ***Vessel Pre-Departure Preparation & Ballast Trim Optimisation***

Sr No.	Inspection Item	Good	Repair	Replace	NA
142	Adjust ballast tanks to achieve minimum ballast condition with aft...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
143	Sound and record all tanks fuel oil ballast fresh water...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
144	Drain and clean engine room bilges to dry condition and...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
145	Clean lube oil sump and transfer LO to settling tank...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
146	Secure all loose gear on deck and in internal spaces...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
147	Confirm shore power connection arrangements at Korean yard and disconnect...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
148	Provide Korean dockmaster with final trim list displacement and stability...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
149	Isolate and close all sea suction and overboard discharges not...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
150	Remove anchors and chain from hawse pipes if instructed by...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
151	Confirm grey water and black water sanitation system is connected...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## ***Korean Shipyard Safety & Hot Work Permit Procedures***

Sr No.	Inspection Item	Good	Repair	Replace	NA
152	Attend Korean yard HSE induction for all owner's crew and...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
153	Obtain and comply with Korean shipyard hot work permit system...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
154	Confirm Korean yard confined space entry permit procedure and gas...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
155	Verify Korean yard fire watch roster and fire extinguisher placement...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
156	Confirm Korean yard working at height permit and scaffolding inspection...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
157	Establish emergency contact list including Korean yard emergency number Busan...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
158	Confirm Korean yard daily safety toolbox talk schedule and owner...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
159	Verify Korean yard PPE standards and confirm owner crew supplied...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
160	Confirm Korean yard procedure for reporting and investigating incidents and...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
161	Verify Korean yard electrical isolation and lockout tagout (LOTO) procedures...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## **Spare Parts Procurement & Materials Delivery Coordination**

Sr No.	Inspection Item	Good	Repair	Replace	NA
162	Compile consolidated spare parts list from all departments cross-referenced against...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
163	Initiate purchase orders for long-lead items minimum 3 to 6...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
164	Confirm Korean customs import declaration requirements for spare parts arriving...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
165	Arrange freight forwarding to Korean yard with door-to-berth delivery schedule...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
166	Confirm Korean yard storage and bonded warehouse facilities for owner-furnished...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
167	Track all PO delivery confirmations and flag any delayed items...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
168	Arrange return shipment and customs export paperwork for all items...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
169	Confirm Korean yard material markup policy and negotiate owner supply...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
170	Coordinate with coating manufacturer for paint delivery schedule to Korean...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
171	Ensure manufacturer service engineer travel visas and Korean entry permits...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## Post-Docking Sea Trial & Recommissioning

Sr No.	Inspection Item	Good	Repair	Replace	NA
172	Complete pre-undocking checklist confirming all underwater hull openings and sea...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
173	Conduct dock trial in floating condition before undocking to test...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
174	Verify steering gear test full port and starboard helm movement...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
175	Conduct sea trial on agreed Korean coastal route testing main...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
176	Monitor main engine temperatures pressures and vibration levels during sea...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
177	Test propeller pitch control or CPP system if applicable and...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
178	Conduct speed and fuel consumption trial at specified RPM steps...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
179	Test all navigational equipment under way including radar ECDIS AIS...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
180	Conduct KR or class surveyor witnessed machinery trials for all...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
181	Complete post-sea trial defect list and confirm Korean yard responsibility...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Class Flag & Statutory Certificate Renewal**

Sr No.	Inspection Item	Good	Repair	Replace	NA
182	Obtain KR or attending class society signed survey completion report...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
183	Confirm renewed Safety Construction Certificate issued or endorsed by KR...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
184	Confirm renewed Safety Equipment Certificate issued reflecting any LSA upgrades...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
185	Confirm renewed Safety Radio Certificate issued by Korean MSIT-approved radio...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
186	Confirm renewed IOPP Certificate issued by KR or flag state...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
187	Confirm renewed International BWM Certificate issued following BWMS survey or...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
188	Confirm renewed Load Line Certificate endorsed following freeboard survey completed...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
189	Confirm renewed IAPP Certificate for MARPOL Annex VI NOx Tier...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
190	Confirm all outstanding class recommendations are closed and no new...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
191	Update vessel's continuous survey status matrix and record next survey...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### **Dry Dock Budget Cost Control & Close-Out**

Sr No.	Inspection Item	Good	Repair	Replace	NA
192	Track all Korean yard invoices against agreed scope and unit...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
193	Review Korean yard daily progress report and identify any unauthorised...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
194	Obtain superintendent sign-off for all variation orders before Korean yard...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
195	Reconcile final steel renewal quantities against contracted unit rates and...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
196	Reconcile final paint consumption against Korean yard delivery receipts and...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
197	Confirm Korean yard overtime charges are approved by superintendent and...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
198	Compile final dry dock close-out report including cost summary comparison...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
199	Ensure all Korean yard warranty items are documented and warranty...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
200	Update vessel dry dock history file with final report photos...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
201	Plan next dry dock date and initiate 5-year PMS cycle...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>