	Engineering Services (Offshore Works Division) ISO 9001:2015	Safety Audit of Vessel	Issue No. 2
			Date: 20.10.2006
			Rev.: 4
			Rev Date:20.09.2021

PRFORMA OF SAFETY AUDIT OF VESSELS

(No editing in the format. Hand filling only)

- (1) Name of the Vessel:.....Year of built:
- (2) Project Work: Installation/ Pipe lay/ Hook Up & Accommodation/ Work Boat / Crew Boat/ AHTS/ Supply Vessel/ DSV.
- (3) Approved POB. Capacity (Crew + Passenger) + = persons
- (4) IMO NO.....FlagMMSI No
- (5) Type of Vessel: – Self Propelled / Non Propelled.
- (6) Approved As per SPS / MODU.
- (7) Date of inspection. Total Crew
- (8) Location of the vessel.
- (9) Captain / Master of the vessel
- (10) Last date of dry dock from.....to.....at.....
- (11) Audited by:
 - a)
 - b)
 - c)
 - d)
 - e)
 - f)
 - g)
 - h)

Captain / Master of Vessel/Barge	Master Mariner (TPI)	ONGC (Project-ES)	ONGC (HSE-ES)
ONGC (Asset)	Safety Officer (CA)	ONGC (Marine Cell)	Contractors Rep

OIL AND NATURAL GAS CORPORATION LTD.
OFFSHORE ENGINEERING SERVICES
SAFETY AUDIT OF VESSEL
PART-A: VESSEL DOCUMENT CHECK LIST

NAME OF BARGE / VESSEL: DATE OF AUDIT:

Sl. No.	Certificate	Reference	Authorised Agency/ Class Certificate	Annual Verification date	Validity	Remarks
1	Certificate of class	Spec.6001F.				
2	International Load Line Certificate	Spec.6001F.				
3	Permanent Certificate of Registry	Spec.6001F.				
4	Authorization for Persons on board a) Approved GA b) Accommodation Plans. c) Safe Manning Documents/Certificate d) Vsl/Barge/DP Vsl Particulars	a. SOLAS regulation V/14.2 b. MLC 2006. c. MLC 2006.				
5	a) International Oil Pollution Prevention Certificate (IOPP) b) International AIR Pollution Prevention Certificate (IAPP) c) International Sewage Pollution Prevention Certificate (ISPP)	MARPOL Annex 1 , Regulation 5 , 6 and 7.				
6	Approved Shipboard Oil Pollution Emergency Plan (SOPEP)	MARPOL Annex 1, Reg - 37.				
7	a) Approved Intact Stability Condition Approved by Class/Flag State b) Considering Crawler Crane (if on board)	SOLAS Reg-II-1/5 & II-1/5-1.				
8	Approved Damage Control Booklet	SOLAS Reg-II-1/19, MSC 1/Cir 1245.				
9	Document of compliance (DOC)	SOLAS Reg IX/4,ISM Code, Para – 7.				
10	Safety Management Certificate (SMC)	SOLAS Reg IX/4,ISM Code -13.				

11	Safety Construction Certificate (SCC)	SOLAS Reg IX/2.				
12	a. Safety Radio Certificate b. Radio License	SOLAS 1/12GMDSS amendment 1988 Ch V, Radio Reg 18, International Telecommunication Union Convention.				
*13	Special Purpose Ship (SPS) / MODU Certificate (whichever applicable)	MSC/Cir 739, SPS Code 2008 /SOLAS resolution MSC.38(63) 2009 MODU Code.				
*14	Safety Equipment Certificate (SEQ) – Statement of Fact (Form-E / Form-F whichever applicable)	SOLAS 1/12.				
*15	Service Certificates of a) Valid Life Rafts b) Life Boat c) Rescue Boat d) Monthly Maintenance record of Life Boat & Rescue Boat. e) Manufacturer's certificate of HRUs for Life Rafts & EPIRB	As per LSA Code.				
*16	Valid Fire Fighting Equipment service certificate a) Portable Fire Extinguisher. b) Fixed Fire Fighting System in Engine-room c) Heat & Smoke Sensors/ Fire Alarm System d) EEBD (Emergency Escape Breathing Device) e) SCBA (Self Contained Breathing Apparatus) f) Monthly Inspection & Maintenance Record of all Fire Fighting Equipment & System.	a) FFA Code. b) FFA Code. c) FFA Code. d) LSA Code.				
*17	Crane Operator's Competency Certificate (Grade/Level/ handling capacity) Issued by Classification Societies (IACS) National Commission for the Cert. of Crane & Operator (NCCCO)	OSHA Crane rule 29CFR 1926.1427 sub part. Issuing authority is "An accredited crane operator testing organisation."				
*18	*a) Recent Crane Load Test Report. *b) Annual thorough visual inspection report. *c) Class approval in case of Crawler Crane. *d) Crane Man-riding.	ILO 152. Load test – OSHA 1910.179 (k) OSHA – ANSI B30-2.0-1967.				


*19	<p>NDT report of crane boom</p> <p>a) * MPI</p> <p>b) * UT</p>	<p>a) ILO 152.</p> <p>b) ILO 152</p>				
* 20	<p>*a) 5 Yearly Load test report of Davit for Rescue boat</p> <p>b) Names & Competency Certificate of Persons for Operating Rescue Boat.</p> <p>*c) Annual thorough inspection report of Davit for Rescue boat / Life Boat.</p>	LSA Code.				
*21	<p>Annual Inspection / Test Certificate of</p> <p>*a) Load cells.</p> <p>*b) Winches (Anchor/ Mooring / Pipe) Test of Winch is to be witnessed by Class / Consulting of Class/ LEEA Certified Inspectors / TPI.</p> <p>*c) Annual anchor wire inspection and breaking load test certificate.</p> <p>d) FAT / SAT / Break Holding Capacity Test of all Winches. (Every 5 years).</p> <p>e) Monthly Inspection & Maintenance Record of all Anchor handling Equipment, Towing Equipment & machineries. (Inspection by ONGC representative).</p> <p>g) Anchor Handling Manual / Procedure</p> <p>h) Towing Manual / Procedure.</p> <p>i) Emergency Towing Procedure.</p>	ILO 152 & Indian Dock Labour Act.				
*22	<p>*a) Annual Inspection / Test Certificate of Loose Gears.</p> <p>*b) Chain.</p> <p>*c) Shackles.</p> <p>*d) Slings.</p> <p>*e) Chain Pulley Block.</p> <p>*f) Wire rope Maximum Breaking Load Test certificate of all fittings of Towing Equipment (including Towing plates, shackles, eyes, bridle chain, towing bollards).</p> <p>*g) Gangway Installation Procedure.</p> <p>*h) Register of Lifting Gears (loose Gears).</p> <p>*i) Monthly Inspection & Maintenance Record of Loose gears.</p>	ILO 152 & Indian Dock Labour Act.				

*23	Personal Transfer Basket's Service Certificate (Rigid Type) Annual).	Indian Dock Labour Act HSE and Legislation. OCMF guidelines for transfer of personnel (Page 10) Para 3.2				
24.	Diving System Safety Certificate.	Res A 536(13), section 1.6				
25.	a) Hyperbaric Fast Rescue Boat's Service Certificate for Saturation Diving System.	IMCA				
26	a) Approved Garbage Management Plan. b) Garbage Record Book . c) Oil Record Book.	a)MARPOL Annex V, Reg-10				
27	Recent Drill reports. a) Abandon Ship. b) Fire. c) Man overboard. d) Rescue Boat. e) H2S.	As per SOLAS, Chapter II Regulation 24 and 15. Chapter III Regulation 19, 26 and 30.				
28	A copy of Recent Safety Committee Meeting's Minutes.	As per ship board approved ISM manual.				
*29	a) Recently filled copy of work permit system – Hot, Cold, Confined space entry etc. b) Approved SMS (Safety Management System) with Vessel ERP (Emergency Response Plan).	As per ship board approved ISM manual.				
30	Recent Water Portability Sample Test Report – Chemical test like TDS, TSS, Ph, Turbidity, Chloride and Total Hardness etc Also Microbiological test like TVC, Coliforms, E-Coli etc.	SOLAS Reg-III/17-1				
31	Recent Sewage Treatment Plant (STP) sample test report – Minimum parameter like COD, BOD, Suspended solids, Ph, Oil & Grease etc.	MARPOL Annex - VI				
32	Recent Ship Sanitation / Derat Certificate (by Govt Agency).	GOI				
33	Recent Fumigation Treatment Certificate (by Govt. approved agency).	GOI				
34	Approved Helideck layout drawing approved by Classification Society.	IACS and CAP 437				

35	Certificates:- Helicopter Landing Officer (HLO). Helicopter Landing Assistant (HLA). Helideck Safety nets load test certificate.	As per STCW Regulation As per STCW Regulation				
36	a) Certificate of MBBS doctor on-board. b) Copy of contract for employing doctor.					
37	a) Flag State Inspection Report. b) Third Party Inspection Reports OVID / CMID / MWS.	IMO / Flag state / MOU'S				
38	Recent Noise Survey Report.	SOLAS Reg II-1/3-12 IMO Resolution A.468 (XII) RESOLUTION MSC.337(91) dated 30 Nov 2012.				
*39	*International Ship Security Certificate and Ship Security Plan (ISPS).	SOLAS Reg XI-2/9, 1.1				
*40	*General Trade License issued by DG Shipping, India.	GOI / FS				
41	Valid of insurance policy for a. Hull & Machinery. b. P & I. c. Civil Liabilities Certificate for bunker Oil Pollution Damage.) d. Wreck Removal.	a) Financial Liability b) Financial Liability				
42	International Tonnage Certificate	Tonnage Convention, Article 7				
43	Please confirm that Thuraya Mobile Satellite Phone is not used at the barge/Vessel.	ED-Chief security letter no. ONGC/COS/2014 dt 21.04.2014				
44	Approved Mooring Analysis by competent agency kept on board.	ONGC Anchor Handling Policy				Yes/No
*45	a) Classification Society's Approval of HHP (High Holding Power) Delta flipper Anchors (Original). b) Mooring Wire Length Certificate Min. 1000 Mtrs as per AHP for Hook Up Barges /AWB c) MBL / SWL Certificate Winch Wire Annual Thorough Examination report of Winch Wire.	01-09-2014				

*46(a)	Limiting Criteria as per Mooring Analysis for safe Installation Work (For moored Vessels). 1. Wind Speed. 2. Current Speed. 3. Wave Height.					
*46(b)	Barge Master to take necessary precautionary measures to ensure safety of barge in case of weather forecast data exceeds the 'Limiting Weather Conditions'					
47	Confirm that mooring buoys and Unit drum will be lit as per standard.	MR/ES/MS/Security/2/2014 dt 02.09.2014				
48	Covid Prevention- a) Isolation Facility for Covid-19 Suspect. b) Pre Boarding / Sign In / Sign Off procedure. c) Oxymeter, Ray thermometer, Sanitizers , Mask , disinfectant, shields, PPE etc. available. d) Vaccination Policy for Covid for Marine and Project Crew.	Covid Protection as per DGS Circular dated 20.03.2020				YES / NO
* 49	Bollard pull (BP) required for un-propelled AWB, Certified by MWS / Authorised Agency.					
* 50	Name of allocated AHT with BP for the un-propelled AWB.					
* 51	Response Plan for Tropical Cyclone Cyclonic Storm Forecast / Warning.					YES / NO


- Note:**
- 1) * marked documents are critical without which barge / vessel is not allowed to sail.
 - 2) Points which cannot be covered during safety audit, will be verified by ONGC representative during deployment.
 - 3) There will be periodical inspection by marine cell team/OES representative during the deployment to ensure vessel is maintained in proper order all the time.
 - 4) HSE audit checklist is for important points of audit. Physical/Virtual HSE Audit may be more comprehensive and inclusive to improve safety. Exemptions granted by FSI for safety critical items like SCC, SEQ, DoC, SMC are not acceptable. Ship owners / charterer's policy / document are required duly approved by IACS / MWS/ Consulting of Class.

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PART-B: PHYSICAL VERIFICATION

To be filled in by vessel owner / contractor and verified by ONGC during vessel audit

Sl no	To B	Availability (Strike out which is not applicable)	Remarks (For Auditor Only)
1.0	MUSTER STATION: 1.1 Clearly Identified & Marked on the floor (Area 0.35M ² per person). 1.2 Location posted on each accommodation cabin door. 1.3 Each muster station provided with adequate lighting? 1.4 Emergency lighting available in each muster station	YES/NO YES/NO YES/NO YES/NO	
2.0	STATION BILL: 2.1 Updated and displayed on each level at all prominent places? 2.2 Location posted on each accommodation cabin door.	YES/NO YES/NO	
3.0	LIFEJACKETS: 3.1 Quantity of life jackets (150% of Approved POB) 3.2 One life jacket per person available in each cabin? 3.3 Spare life jackets stored in boxes marked “Life Jackets” at muster stations. 3.4 Tested and approved by International Standard 3.5 Each Life Jacket fitted with <ul style="list-style-type: none"> • Whistle..... • Self igniting light..... • Expiry date of batteries..... • Reflectorised Tapes..... • Stenciled with vessel’s name..... • Life jackets kept in boxes marked in accommodation cabins ? • Operating instruction (Donning) are posted on each cabin door? NOS YES/NO YES/NO YES/ NO YES/NO Yes/ No Dt. YES/NO YES/NO YES/NO YES/NO	

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Sl no	REQUIREMENTS	Availability (Strike out which is not applicable)	Remarks (For Auditor Only)
4.0	SURVIVALCRAFTS: (Life rafts and life boats): Life Rafts Details Capacity & Total Qty. Lifeboat Capacity & Total Qty. 4.1 Aggregate capacity of life rafts & life boats should be 300% of Approved POB. 4.2 Fitted with certified hydrostatic release system. 4.3 Is rescue boat available. 4.4 Type of rescue boat (rigid or inflatable) 4.5 Class approval (Incase Zodiac is additional to rescue boat) 4.6 Above Certificates available on board.....	10x ____ = 12x ____ = 15x ____ = 20x ____ = 25x ____ = ____ x ____ = Total	
		YES/NO YES/NO YES/NO YES/NO	
5.0	LIFEBUOYS/LIFERINGS: 5.1 At least 8 /12/18 units on board for vessel length less than 60 mtr / 60-120 mtr/120-180 mtr. 5.2 At least 4 each fitted with self-igniting lights. 5.3 At least 2 each fitted with buoyant line. 5.4 At least two each fitted with MOB (Self igniting and smoke activating)	YES/NO YES/NO YES/NO YES/NO	
6.0	FIRESTATIONS: 6.1 Stations appropriately marked (i.e. Fire Station) 6.2 Station complete with a) Fire Hose..... b) Jet / Spray combination nozzle..... c) Spanners..... 6.3 Hydrant valve easily operable..... 6.3.1 Quick connect hydrant & hose coupling? 6.4 Hose & hydrant line working pressure not less than 100 PSI / 7 kg /cm square ? 6.5 Unobstructed?..... 6.6 Hoses tidy?..... 6.7 At least two spare hoses available in stores.	YES/NO YES/NO YES/NO YES/NO YES/NO YES/NO YES/NO YES/NO YES/NO	

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9.0	FIRE EXTINGUISHERS : 9.1 All fire extinguishers properly deployed and accessible according to the vessel's safety plan? 9.2 Date of last inspection..... 9.3 Have operating instructions clearly visible? 9.4 Seals and inspection tags (if any) still intact? 9.5 CO2/ Halon system Installed in engine room? 9.51 CO2 / Halon activation warning light fitted in engine room 9.6 Last date of inspection..... 9.7 Foam type fire extinguisher available 9.7.1 Capacity and Nos..... 9.8 Spare units of fire extinguishers available? 9.9 Fire Fighting system in Engine room.	YES/NO Dt..... YES/NO YES/NO YES/NO YES /NO Dt YES/NO Lt. No. YES/NO YES/NO	
10.0	BOARDING GEARS: 10.1 Sound Gangway with railing..... 10.2 Free from oil & grease..... 10.3 Is landing from gangway safe..... 10.4 Gangway net is available & secured? 10.5 Rigid Personal Transfer Basket 10.5.1 Nos. of Transfer Basket available..... 10.5.2 Last date of inspection..... 10.5.3 Additional lifting belt attached to the PTB lifting eye? 10.5.4 Safety sling connected with PTB?	YES/NO YES/NO YES/NO YES/NO YES/NO Nos. Dt..... YES/NO YES/NO	
11.0	EMERGENCY SIGNALING EQUIPMENT & COMMUNICATION: 11.1 At least one EPIRB (emergency position indicating radio beacon) 11.2 One set of pyrotechnics contained in metal box located in dry and easily accessible location? • Twelve (12) handheld flares. • Twelve (12) Rocket parachute flares • Six (6) buoyant smoke signals.....	YES/NO YES/NO YES/NO YES/NO YES/NO	



**Engineering Services
(Offshore Works Division)
ISO 9001:2015**

**Part-B
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Sl no	REQUIREMENTS	Availability (Strike out which is not applicable)	Remarks (For Auditor Only)
14.0	ELECTRICAL EQUIPMENTS: 14.1 Appliances earthed?..... 14.2 Lighting fixtures provided with covers? 14.3 Electrical wires properly spliced and taped ? 14.4 Welding cables without lacerations 14.5 Non conductive floor mats provided in front of each electrical panels and machineries ? 14.6 Is electrical insulation level monitoring devices provided (not exceed 30mA) or ELCB fitted in galley appliances (Hotplates & Ovens)?	YES / NO YES / NO YES / NO YES / NO YES / NO YES/NO	
15.0	FLOORS, PASSAGE AND STAIRS: 15.1 Unobstructed..... 15.2 Stair steps well lit..... 15.3 Spill oil or other contamination cleaned up? Escape routes and doors clearly marked and identified with luminous Sign? Barriers provided around openings in the floors and Decks. Guard rails on walk ways platforms and deck complete? 15.7 Doors not blocked?..... 15.8 Gratings on the walkways not loose? 15.9 Free from tripping hazard?..... 15.10 Materials stored in proper places..... 15.11 Water tight door seals & locks in good condition? 15.12 Inside alarm available in freezer & Chillar. 3 Galley range exhaust fan fitted and filters clean (working effectively)	YES / NO YES / NO YES / NO YES / NO YES / NO YES/NO YES / NO YES / NO YES / NO YES / NO YES/NO YES/NO YES/NO	
16.0	CRANES AND LIFTING GEARS: 16.1 Are all lifting equipments / gears marked with SWL (Safe Working Load) 16.2 Are test certificates available for all items of lifting gears and equipments? 16.3 Are all lifting gears identified?..... 16.4 Are lifting gears regularly checked for damage wear and tear? • Date of last checking..... 16.5 Are lifting gears properly stored?..... 16.6 Are hooks fitted with safety latch?..... 16.7 Are hooks regularly examined?..... 16.8 Whether SWL marked near Eyeball on crane boom? 16.9 Are shackle pins kept with originals shackle? 16.10 Are cross byclips being used.....	YES/NO YES/NO YES/NO YES/NO Dt YES/NO YES/NO YES/NO YES/NO YES/NO YES/NO	


Sl no	REQUIREMENTS	Availability (Strike out which is not applicable)	Remarks (For Auditor Only)
	16.11 Are First Grips being used?.....	YES/NO	
	16.12 Are items 10 & 11 above fitted properly?	YES/NO	
	16.13 Is packing being used in sharp cornered loads?	YES/NO	
	16.14 Are valid cranes Certificates available?	YES/NO	
	16.15 Has a load test been performed?.....	YES/NO	
	• Date of last test performed?.....	Dt.....	
	16.15.1 Are limit switches provided with boom?	YES/NO	
	16.16 Have all Safety Devices been tested?.....	YES/NO	
	• By whom (Agency's name)		
	• Date of Test.....	Dt.	
	• Next due date.....	Dt.	
	16.17 Do Cranes have:		
	• A maintenance Logbook & Monthly Inspection & Maintenance Record of Crane.	YES/NO	
	• A weekly record of inspection.....	YES/NO	
	• Daily inspection report (may be visual)	YES/NO	
	• An inventory of equipment /spares.....	YES/NO	
	• Are these in order?.....	YES/NO	
	• Load chart at cabin?.....	YES/NO	
	16.18 Is the lifting gear colour coded for the certificate expiry purposes?	YES/NO	
	16.19 What colour is currently valid?.....Color	
	16.20 Has a function test been performed on:		
	a) Load Indicators?.....	YES/NO	
	b) Limit switches?.....	YES/NO	
	c) Date of last test?.....	Dt.....	
	d) Crane communication equipments Available?.....	YES/NO	
	16.21 Have certificates for the following been checked?		
	• Slings	YES/NO	
	• Wires	YES/NO	
	• Shackles.....	YES/NO	
	• Chains.....	YES/NO	
	• Lifting Beams.....	YES/NO	
	• Trolley cranes.....	YES/NO	
	• Chain Pulley Block.....	YES/NO	
	• Any appliance with a Lifting capacity over one Ton	YES/NO	
	16.22 Are Davit for rescue boats provided.....	YES/NO	

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	16.23 Are Certificates in Order?..... 16.24 Is SWL clearly marked on the above item? 16.25 Are function tests performed on <ul style="list-style-type: none"> Deck Winches..... Pipe Handling Winches..... 16.26 Are certificates available for <ul style="list-style-type: none"> Deck Winches..... Pipe handling Winches..... Are those in order?..... 16.27 Crane Operator's Cabin Comfort. <ul style="list-style-type: none"> Fire extinguisher in cabin..... First Aid Box in cabin..... Proper light arrangement on boom and operator's cabin 16.29. Are crane operating instructions available in cabin. 16.30 Valid Competency certificate of crane operator. (indicating Grade/ Level / Load handling capacity) 16.31 Operator be able to understand <ul style="list-style-type: none"> Hand signal Load chart..... 16.32 Communication System of crane operator cabin?	YES/NO YES/NO YES/NO YES/NO YES/NO YES/NO YES/NO YES/NO YES/NO YES/NO YES/NO YES/NO YES/NO	
17.0	GASBOTTLES&HOSES: 17.1 Are Gas bottles secured in a rack?..... 17.2 Oxygen bottles are separated from acetylene bottles? 17.3 Provided with protective caps?..... 17.4 Flash back arrestors (both ends) for gas cutting equipment provided? 17.5 Gas hoses and fittings without leak?..... 17.6 Oxygen hoses free of oil and grease?..... 17.7 Hoses properly rolled up?.....	YES/NO YES/NO YES/NO YES/NO YES/NO YES/NO YES/NO	

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22.0	SAFETY COMMITTEE: Whether regular safety meetings are being conducted?	YES/NO	
23.0	WORK PERMIT SYSTEM: 23.1 Whether permit to work system exists on the barge and is being followed. 23.2 Whether job safety analysis & regular safety inspections are being done.	YES/NO YES/NO	i) Hot work ii) Cold Work iii) Confined space entry with entry roster and gas record at regular intervals.
24.0	WASTE MANAGEMENT: 24.1 Whether the sewage is being treated prior to disposal into the sea as per MARPOL? 24.2 Recent STP sample test report available? 24.3 Whether the garbage is being segregated in dry and wet type as per GM Plan? 24.4 Whether the garbage record book & manifest are being maintained as per MARPOL? 24.5 Whether the Oil filtering equipment is available as per MARPOL? 24.6 Whether the Oil record book & manifest are being maintained as per MARPOL? 24.7 Whether Approved Shipboard Oil Pollution Emergency plan available as per MARPOL?	YES/ NO YES/NO YES/ NO YES/ NO YES/NO YES/NO YES/NO	
25.0	TRAINING: 25.1 Whether the record of training particularly on sea survival, Fire Fighting and First Aids properly maintained as per STCW' 2010 25.2 Competency certificate of Captain & crew available? 25.3 Manning as per SMC / Manning Policy document available?	YES/NO YES/NO YES / NO	
26.0	MOORING WINCHES / ANCHOR WIRES / TOWING SYSTEM: 26.1 Are all winches operational ? 26.2 Remote operation of winches from control room available? 26.3 Anchor wires lubricated & maintained properly?	YES/NO YES/NO YES/NO	

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	26.4 Latest Thorough examination/ Inspection of winches & Wires available < 12 Months ? 26.5 Are all Load & Wire length indicators operational ? 26.6 Are all load cells calibrated? 26.7 Are MBL test reports (< 5 Years) of all anchor wires available? 26.8 FAT / SAT / Break Holding Capacity test of all winch assemblies available (attach certificate)? 26.9 Are MBL test report of Main tow wire & emergency tow wire available? 26.10 Test certificate of all towing gears available? 26.11 Barge Anchor Handling Manual / Procedure available? 26.12 Barge Towing Manual / Procedure available? 26.13 Barge Emergency Towing Manual / Procedure available? 26.14 Display of Emergency contact nos. list of contractor & ONGC persons? (Must be provided by contractor) 26.15 Register containing Phone nos. and addresses of marine crew? 26.16 Is record of breakdown of equipment maintained? 26.17 If yes, informed to Class (Copy of letter) ? 26.18 AIS Working, Antenna and Display OK & Crew Familiar with AIS & Data Updates.	YES/NO YES/NO YES/NO YES/NO YES/NO YES/NO YES/NO YES/NO YES/NO YES/NO YES/NO YES/NO YES/NO YES/NO YES/NO	
27.0	OTHERS: 27.1 Safety plan (barge layout plan) updated, approved and posted in conspicuous area ? 27.2 Spark arrestors on exhaust pipes and other internal engines installed? 27.3 Anchors Wire length is as per ONGC's Anchor Handling Policy - 2011? minimum anchor wire length be 1000 meters for H/U Barges.	YES / NO YES / NO YES / NO	

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	27.4 Are anchor securing arrangements in good conditions ?	YES / NO	
	27.5 Are Original HHP (High Holding Power) Delta Flipper anchors provided?	YES / NO	
	27.6 DMP/ RCP/ SOP/Safety Management System document for Vessel availability?	YES / NO	
	27.7 Safety, Environment policy displayed at prominent places?	YES / NO	
	27.8 Drug & Alcohol policy displayed at prominent places?	YES / NO	
	27.9 Posters on Fire / Safety / Environment displayed?	YES / NO	
	27.10 Approved project based HSE Manual? Available On Vessel ?	YES / NO	

Note:- Following Critical valid documents – Must be submitted before Safety audit & without these documents, vessel / barge will not be allowed to sail to the field:-

1. International Pollution prevention certificate (IOPP, IAPP & ISPP) 2. Shipboard Oil Pollution Emergency Plan 3. Special Purpose Ship (SPS) / MODU Certificate (which ever applicable) 4. Safety Equipment certificate – Statement of Fact (Form - E or Form - F which ever applicable) 5. Valid life raft / life boats service certificates 6. Valid firefighting equipment service certificates 7. Recent Crane load test report & Annual thorough visual inspection report 8. NDT report of crane boom (MPI & UT) 9. Annual Inspection / Test certificates of Load cells, winches (Anchor / Mooring / Pipe) & Wire length certificate 10. Annual Inspection/Test certificates of Loose Gears (Chain, Shackle, Sling, chain Pulley block, Wire Rope, Gangway etc.) 11. Personal Transfer Basket Service Certificate.

Captain / Master of Vessel/Barge	Master Mariner (TPI)	ONGC (Project-ES)	ONGC (HSE-ES)
ONGC (Asset)	Safety Officer (CA)	ONGC (Marine Cell)	Contractors Rep

