

LAMPIRAN 10

SK energy

SHIPSHORE SAFETY CHECK LIST

Ship Name: Doby KALIMANTAN Date: 21 Apr 2016

Ship No: 2112

A. Deck Layout General - Physical Obstacles		Yes	Stops	Remarks
1. There is safe access between the ship and shore		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
2. The shore is securely moored		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
3. The agreed ship/shore communication system is operation		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	System Radio 17.4 March 10 Tel. 412-247
4. Emergency lowering all personnel are correctly rigged and positioned		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
5. The ship is free to move and ready for instructions and		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
6. The terminal's fire alarm is operational and ready to sound		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
7. The ship's fire alarm system is operational and ready to sound		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
8. The ship's fire alarm system is operational and ready to sound		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
9. The ship's fire alarm system is operational and ready to sound		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
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48. The ship's fire alarm system is operational and ready to sound		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
49. The ship's fire alarm system is operational and ready to sound		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
50. The ship's fire alarm system is operational and ready to sound		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

Signature: [Signature]

Stamp: **KEMENTERIAN PERHUBUNGAN
BADAN PENGEMBANGAN SDM PERHUBUNGAN
POLITEKNIK ILMU PELAYARAN**

Form No: SKS/101/001/011



B. Bulk Liquid General – Verbal Verification		Ship	Shore	Remarks
28.	An International Shore Fire Connection has been provided.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
29.	The agreed tank venting system will be used.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Method: N/A
30.	The requirements for closed operations have been agreed.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
31.	The operation of the P/V system has been verified.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
32.	Where a vapor return line is connected, operating parameters have been agreed.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
33.	Independent high level alarms, if fitted, are operational and have been tested.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
34.	Adequate electrical insulating means are in place in the ship/shore connection.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
35.	Shore lines are fitted with a non-return valve or procedures to avoid 'back filling' have been discussed.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
36.	Smoking rooms have been identified and smoking requirements are being observed.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Nominated: 2 Hoses, 20m Solomon, Tall
37.	Naked light regulations are being observed.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
38.	Ship/shore telephones, mobile phones and pager requirements are being observed.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
39.	Hand torches (flashlights) are of an approved type.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
40.	Fixed VHF/UHF transceivers and AIS equipment are on the correct power mode or switched off.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
41.	Portable VHF/UHF transceivers are of an approved type.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
42.	The ship's main radio transmitter aerials are earthed and radars are switched off.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
43.	Electric cables to portable electrical equipment within the hazardous area disconnected from power.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
44.	Positive pressure is being maintained inside the accommodation.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
45.	Measures have been taken to ensure sufficient mechanical ventilation in the pump room.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
46.	There is provision for an emergency escape.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
47.	The maximum wind and swell criteria for operation has been agreed.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Stop cargo: 2 H/S Unberth: 36 K/S Swell = M
48.	Security protocols have been agreed between the Ship Security Officer and the Port Facility Security Officer, if appropriate.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Level- /
Inert Gas System				
49.	The inert gas system is fully operational and in good working order	<input type="checkbox"/>	<input type="checkbox"/>	P
50.	Deck seals, or equivalent, are in good working order.	<input type="checkbox"/>	<input type="checkbox"/>	
51.	Liquid levels in pressure/vacuum breakers are correct.	<input type="checkbox"/>	<input type="checkbox"/>	
52.	The fixed and portable oxygen analyzers have been calibrated and are working properly.	<input type="checkbox"/>	<input type="checkbox"/>	
53.	All the individual tank IGS valves (if fitted) are correctly set and locked	<input type="checkbox"/>	<input type="checkbox"/>	
54.	All personnel in charge of cargo operations are aware that in the case of failure of the Inert Gas Plant, discharge operations should cease and the terminal be advised.	<input type="checkbox"/>	<input type="checkbox"/>	
Crude Oil Washing				
55.	The pre-arrival COW check list, as contained in the approved COW manual, has been satisfactorily completed.	<input type="checkbox"/>	<input type="checkbox"/>	
56.	The COW check lists for use before, during and after COW, as contained in the approved COW manual, are available and being used.	<input type="checkbox"/>	<input type="checkbox"/>	
Tank Cleaning				
57.	Tank cleaning operations including gas freeing work are planned during the ship's stay alongside the shore installation.	No/Yes	No	Not allowed.



C. Bulk Liquid Chemicals – Verbal Verification		Ship	Shore	Remarks
1. Material safety data sheets are available giving the necessary data for the safe handling of the cargo.	<input type="checkbox"/>	<input type="checkbox"/>		
2. A manufacturer's inhibition certificate, where applicable, has been provided.	<input type="checkbox"/>	P	<input type="checkbox"/>	
3. Counter measures against accidental personal contact with the cargo have been agreed.	<input type="checkbox"/>	<input type="checkbox"/>		
4. Sufficient protective clothing and equipment (including self-contained breathing apparatus) is ready for immediate use and is suitable for the product being handled.	<input type="checkbox"/>	<input type="checkbox"/>		
5. The cargo handling rate is compatible with the automatic shut down system, if in use.	<input type="checkbox"/>	A	<input type="checkbox"/>	
6. Cargo system gauges and alarms are correctly set and in good order.	<input type="checkbox"/>	<input type="checkbox"/>		
7. Portable vapor detection instruments are readily available for the products to be handled.	<input type="checkbox"/>	<input type="checkbox"/>		
8. Information on fire-fighting media and procedures has been exchanged.	<input type="checkbox"/>	<input type="checkbox"/>		
9. Transfer hoses are of suitable material, resistant to the action of the products being handled.	<input type="checkbox"/>	<input type="checkbox"/>		
10. Cargo handling is being performed with the permanent installed pipeline system.	<input type="checkbox"/>	P	<input type="checkbox"/>	
D. Bulk Liquid Gases – Verbal Verification		Ship	Shore	Remarks
1. Material safety data sheets are available giving the necessary data for the safe handling of the cargo.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
2. A manufacturer's inhibition certificate, where applicable, has been provided.	<input checked="" type="checkbox"/>	MP	<input checked="" type="checkbox"/>	
3. The water spray system is ready for immediate use.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
4. There is sufficient protective equipment (including self-contained breathing apparatus) and protective clothing ready for immediate use.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
5. Hold and inter-barrier spaces are properly inerted or filled with dry air, as required.	<input checked="" type="checkbox"/>	HA	<input checked="" type="checkbox"/>	
6. All remote control valves are in working order.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7. The required cargo pumps and compressors in good order, and maximum working pressures have been agreed between ship and shore.	<input checked="" type="checkbox"/>	A	<input checked="" type="checkbox"/>	
8. Re-liquefaction or boil off control equipment is in good order.	<input checked="" type="checkbox"/>	HA	<input checked="" type="checkbox"/>	
9. The gas detection equipment has been properly set for the cargo, is calibrated and is in good order.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
10. Cargo system gauges and alarms are correctly set and in good order.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
11. Emergency shutdown systems have been tested and are working properly.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
12. Ship and shore have informed each other of the closing rate of ESD valves, automatic valves or similar devices.	<input checked="" type="checkbox"/>	A	<input checked="" type="checkbox"/>	Ship: 27 sec Shore: 10 sec
13. Information has been exchanged between ship and shore on the maximum /minimum temperatures/pressures of the cargo to be handled.	<input checked="" type="checkbox"/>	A	<input checked="" type="checkbox"/>	
14. Cargo tanks are protected against inadvertent overfilling at all times while any cargo operations are in progress.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
15. The compressor room is properly ventilated, the electrical motor room is properly pressurized and the alarm system is working.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

We, the undersigned, have checked the above items in accordance with the instructions at 11.00 hour on the date of 21/08/2012, satisfied ourselves that the entries we have made are correct to the best of our knowledge and informed the personnel in charge of cargo operations of the safety procedures at the safety meeting held before cargo operations begin.

If to our knowledge the status of any item changes, we will immediately inform the other party.

Signed: S. M. H. Seo
 Representative of SKE Terminal

Signed: _____
 Master/Chief Officer