

Appendix 32: 2022 Post-Oil Transfer Reports

Post Oil Transfer Report

Facility

Name Qikiqtaaluk W.	Location Rankin Inlet (AEM)
Operator Coastal Shipping	Latitude & Longitude 62-47.7N 092-05.7W
	Nautical Chart #

Transfer

Date Started (yyyy-mm-dd) 2022-11-11	Maximum Transfer Rate 250.00 m ³ /h
Name of Vessel Qikiqtaaluk W.	Shipping Company Coastal Shipping
Number of trained OHF staff on site during transfer: 14	
Transfer Hose	
Diameter: 4.00 in	Length: 3,462 $\begin{matrix} \odot & \text{m} \\ \circ & \text{ft} \end{matrix}$
	No. of Sections: 19
Product 1 Type: Diesel Quantity: 9,800,000.00 litre	Product 2 Type: Quantity: litre
Product 3 Type: Quantity: litre	Product 4 Type: Quantity: litre
<input checked="" type="checkbox"/> Ship to Shore Checklist(s) Completed *	
<input checked="" type="checkbox"/> Annual Hose Test Certificate Verified *	
<input checked="" type="checkbox"/> Oil Pollution Emergency Plan On Site During Transfer	
<input checked="" type="checkbox"/> Spill Response Equipment Checked and Available During Transfer	

*Copies of each to be included with submission of this report to TCMSS

OHF Representative

Alec Matthews
Name

Alexander
Matthews
Signature

Digitally signed by Alexander
Matthews
Date: 2023.02.27 21:33:25
+01'00'

31-Mar-2023
Date

Send completed report along with supporting documentation to:

tc.erpnr-ierpn.tc@tc.gc.ca

or

Marine Safety – Environmental Response
PO Box 8550, 344 Edmonton St
Winnipeg, MB, R3C 0P6



Floating Hose Ship/Shore Cargo Checklist

(Includes Arctic Waters requirements)

Vessel: KIVALIQ W
 Port: RANKIN INLET
 Date: 03-SEPT-2022

Letter Codes

- A** Any procedures and agreements should be in writing in the remarks column of this checklist or other mutually acceptable form.
- P** In the case of a negative answer, the operation should not be carried out without the agreement of Master and shore personnel.
- R** Items to be rechecked regularly, not exceeding the time specified in the declaration

General cargo considerations: (check under Ship/Shore if OK, otherwise provide comment)

Item	Ship	Shore	Code	Comments
Is the vessel securely moored and movement being monitored?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	R	Stop Cargo at <u>25</u> knts wind velocity Disconnect at <u>30</u> knts wind velocity Unberth at <u>35</u> knts wind velocity
Will the transfer be suspended if vessel movement is excessive?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	R	
Are the engines, steering gear and nav. equipment on standby?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	PR	<u>ON SHORT NOTICE</u>
Is there an effective deck watch maintained on the ship and adequate supervision on shore?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	R	<u>2 AB'S ON DECK AT ALL TIME</u>
Is all maintenance work on deck and on shore that may interfere with cargo operations suspended?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<u>NORMAL MAINTENANCE</u>
Are all vehicles outside an agreed safe distance from the shore manifold area?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Is the agreed ship/shore communication system operative?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	AR	Method: <u>UHF CH 08</u>
Has the emergency signals to be used by the ship and shore been explained and understood?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	A	<u>HORN X 3</u>
Have the procedures for cargo, bunkering and ballast been agreed upon?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	AR	<u>NO BUNKERING</u>
Has the weather and ice forecast to the transfer period been checked and found suitable?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	P	<u>WEATHER REPORT AVAILABLE</u>
Have the hazards associated with toxic substances within the cargo being handled been identified and understood?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<u>AS PER MSDS</u>
Has the emergency shutdown procedure been agreed?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	A	<u>EMG. STOP BUTTON</u>
Are fire-hoses and fire fighting equipment on board and ashore positioned and ready for immediate use?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	R	<u>STANDBY ON DECK</u>
Have hoses been inspected for chafing, cracks, damaged fittings and found suitable for cargo operations with a valid certificate?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<u>VISUALLY CHECKED / CERT. ONBOARD</u>
Are scuppers effectively plugged with a plan in place to drain off accumulated rainwater?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	R	<u>MONITERED BY DECK WATCH</u>
Tools required for rapid hose disconnection are located at the cargo manifold?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<u>STANDBY ON DECK & AT SHORE MANIFOLD</u>
Are overboard discharge valves closed when not in use?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<u>SEALED</u>
Are all cargo and bunker tank lids closed?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	R	
Is the agreed tank venting system being used?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<u>I.G.</u>
Has the operation of P/V valves and the condition of flame screens been verified?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	R	<u>CHECKED FOUND OK</u>
Are flashlights in use of an approved type?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Are portable VHF/UHF radios of an approved type?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Are the ships MF/HF radios grounded, VHF radios set to low power and 10 cm radars shut off?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<u>GROUNDING</u>
Is any portable electrical equipment including window type A/C units disconnected?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<u>N.O.B</u>
Has a pre-transfer PA announcement been made?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<u>CH 16 / 10</u>
Are Smoking regulations being observed?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	R	<u>DEFT. SMOKING RM (2ND DECK)</u>
Are naked light rules being observed?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	R	

Operating Hose Ship/Shore Cargo Checklist

Is the water around the vessel and transfer hose being monitored for signs of leaking?	✓	✓	R	BY PREQ. WORKBOAT LOUNDS
Are there sufficient trained personnel on board and ashore to deal with an emergency?	✓	✓	R	
Are adequate means of electrical insulation in place?	✓	✓		
Is the pumproom ventilation adequate?	✓	✓	R	CONT. RUNNING
Is the work boat in use and are all required safety precautions being taken?	✓	✓	R	WORKBOAT (CL)
Are ship emergency fire control plans located externally?	✓	✓		PDS OF ACCOMODATION
Are appropriate signals being displayed?	✓	✓		
Are all craft alongside authorized and following warnings?			R	
Is the transfer hose properly supported for strain relief and is it being monitored for leaks and over pressurization?	✓	✓	R	
Is the hose marked (at each fitting, maximum 400ft intervals) and/or submerged to minimize the chance of being struck by other vessel traffic?	✓	✓		PINK BALLOONS
Has the transfer hose been tested with air to the maximum working pressure?	✓	✓		

Operations:

Item	Value	Ship	Shore
Initial cargo transfer rate to be used (m ³ /hr, bbls/hr, etc)	80M ³ /hr	✓	✓
Maximum cargo transfer rate to be used (m ³ /hr, bbls/hr, etc)	290M ³ /hr	✓	✓
Topping off rate to be used (m ³ /hr, bbls/hr, etc)	80M ³ /hr	✓	✓
Maximum hose pressure to be used (bar)	8.0 BAR	✓	✓
Quantity of cargo to be transferred (m ³ , bbls of each grade)	12045.925M ³ ULSK	✓	✓
Strain relief system in use	<input checked="" type="checkbox"/> Relief line <input checked="" type="checkbox"/> Anchors	✓	✓
Hose to be drained after transfer complete	<input checked="" type="checkbox"/> Ashore <input type="checkbox"/> Back to vessel	✓	✓
Hose to be cleared by	<input type="checkbox"/> Gravity <input checked="" type="checkbox"/> Comp. Air <input type="checkbox"/> PIG	✓	✓

Declaration:

We the undersigned have checked, where appropriate jointly the items on this checklist and are satisfied that the entries made are to the best of our knowledge correct.

We have also made arrangements to carry out repetitive checks as necessary and agreed that those items with the letter R in the column **Code** should be rechecked at intervals not exceeding 02 hour(s).

Signatures:

For Vessel

Name: M. HARRIS

Rank: CH. OFF

Signature: Harris

For Shore

Name: Brian Tofflemire

Rank: Inspector

Signature: [Signature]
Intertek

Post Oil Transfer Report

Facility

Name Rankin Inlet	Location Rankin Inlet
Operator AEM	Latitude & Longitude Nautical Chart # 62 47.76N, 092 05.76W

Transfer

Date Started (yyyy-mm-dd) 2022-09-01	Maximum Transfer Rate 276.00 m³/h
Name of Vessel Kivalliq W	Shipping Company Coastal Shipping Limited
Number of trained OHF staff on site during transfer: 9	
Transfer Hose Diameter: 4.00 in Length: 4,141 ○ m ○ ft No. of Sections: 13	
Product 1 Type: Diesel Quantity: 8,553,068.00 litre	Product 2 Type: Quantity: litre
Product 3 Type: Quantity: litre	Product 4 Type: Quantity: litre
<input checked="" type="checkbox"/> Ship to Shore Checklist(s) Completed * *Copies of each to be included with submission of this report to TCMSS <input checked="" type="checkbox"/> Annual Hose Test Certificate Verified * <input checked="" type="checkbox"/> Oil Pollution Emergency Plan On Site During Transfer <input checked="" type="checkbox"/> Spill Response Equipment Checked and Available During Transfer	

OHF Representative

M. Haris
Name


Signature

02-Sep-2022
Date

Send completed report along with supporting documentation to:

tc.erpnr-ierpn.tc@tc.gc.ca

or

Marine Safety – Environmental Response
PO Box 8550, 344 Edmonton St
Winnipeg, MB, R3C 0P6



Floating Hose Ship/Shore Cargo Checklist
(includes Arctic Waters requirements)

Vessel: KIVALLIQ W/L
Port: RANKIN, AEM
Date: 20-08-2022

Letter Codes

- A Any procedures and agreements should be in writing in the remarks column of this checklist or other mutually acceptable form.
- P In the case of a negative answer, the operation should not be carried out without the agreement of Master and shore personnel.
- R Items to be rechecked regularly, not exceeding the time specified in the declaration

General cargo considerations: (check (✓) under Ship/Shore if OK, otherwise provide comment)

Item	Ship	Shore	Code	Comments
Is the vessel securely moored and movement being monitored?	✓	✓	R	Stop Cargo at <u>25</u> knts wind velocity Disconnect at <u>30</u> knts wind velocity Unberth at <u>35</u> knts wind velocity
Will the transfer be suspended if vessel movement is excessive?	✓	✓	R	
Are the engines, steering gear and nav. equipment on standby?	✓	✓	PR	
Is there an effective deck watch maintained on the ship and adequate supervision on shore?	✓	✓	R	
Is all maintenance work on deck and on shore that may interfere with cargo operations suspended?	✓	✓		NORMAL MAINTENANCE ON DECK
Are all vehicles outside an agreed safe distance from the shore manifold area?	✓	✓		
Is the agreed ship/shore communication system operative?	#	✓	AR	Method: <u>UHF CH 08 TESTED.</u>
Has the emergency signals to be used by the ship and shore been explained and understood?	#	✓	A	<u>HORN X3 / STOP X3</u>
Have the procedures for cargo, bunkering and ballast been explained upon?	#	✓	AR	<u>NO BUNKERING/BALLAST</u>
Has the weather and ice forecast to the transfer period been checked and found suitable?	✓	✓	P	
Have the hazards associated with toxic substances within the cargo being handled been identified and understood?	✓	✓		<u>AS PER MSDS</u>
Has the emergency shutdown procedure been agreed?	✓	✓	A	<u>STOP X3 / HORN X3</u>
Are fire-hoses and fire fighting equipment on board and ashore positioned and ready for immediate use?	✓	✓	R	<u>STANDBY ON DECK</u>
Have hoses been inspected for chafing, cracks, damaged fittings and found suitable for cargo operations with a valid certificate?	✓	✓		
Are scuppers effectively plugged with a plan in place to drain off accumulated rainwater?	✓	✓	R	
Tools required for rapid hose disconnection are located at the cargo manifold?	✓	✓		<u>STANDBY AT MANIFOLD & SHORE MANIFOLD</u>
Are overboard discharge valves closed when not in use?	✓	✓		<u>SEALED</u>
Are all cargo and bunker tank lids closed?	✓	✓	R	
Is the agreed tank venting system being used?	✓	✓		<u>IG</u>
Has the operation of P/V valves and the condition of flame screens been verified?	✓	✓	R	
Are flashlights in use of an approved type?	✓	✓		
Are portable VHF/UHF radios of an approved type?	✓	✓		
Are the ships MF/HF radios grounded, VHF radios set to low power and 10 cm radars shut off?	✓	✓		
Is any portable electrical equipment including window type A/C outlets disconnected?	✓	✓		
Has a pre-transfer PA announcement been made?	✓	✓		
Are Smoking regulations being observed?	✓	✓	R	<u>DESIGNATED SMOKE RM</u>
Are naked light rules being observed?	✓	✓	R	

Floating Hose Ship/Shore Cargo Checklist

Is the water around the vessel and transfer hose being monitored for signs of leaking?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	R	BY WORK BOAT
Are there sufficient trained personnel on board and ashore to respond with an emergency?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	R	
Are adequate means of electrical insulation in place?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Is the pumproom ventilation adequate?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	R	CONT. RUNNING
Is the work boat in use and are all required safety precautions being taken?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	R	
Are ship emergency fire control plans located externally?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		P&S OF ACCOMMODATION
Are appropriate signals being displayed?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Are all craft alongside authorized and following warnings?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	R	
Is the transfer hose properly supported for strain relief and is it being monitored for leaks and over pressurization?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	R	
Is the hose marked (at each fitting, maximum 400ft intervals) and/or submerged to minimize the chance of being struck by other vessel traffic?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		BY PINK BALLONS
Has the transfer hose been tested with air to the maximum working pressure?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		

Operations:

Item	Value	Ship	Shore
Initial cargo transfer rate to be used (m ³ /hr, bbls/hr, etc)	80 M ³ /hr	H	BT
Maximum cargo transfer rate to be used (m ³ /hr, bbls/hr, etc)	210 M ³ /hr	H	BT
Topping off rate to be used (m ³ /hr, bbls/hr, etc)	80 M ³ /hr	H	BT
Maximum hose pressure to be used (bar)	8.5 BAR	H	BT
Quantity of cargo to be transferred (m ³ , bbls of each grade)	8557.615 M ³ GSV	H	BT
Is a strain relief system in use	<input checked="" type="checkbox"/> Relief line <input type="checkbox"/> Anchors	H	BT
Hose to be drained after transfer complete	<input checked="" type="checkbox"/> Ashore <input type="checkbox"/> Back to vessel	H	BT
Hose to be cleared by	<input type="checkbox"/> Gravity <input checked="" type="checkbox"/> Comp. Air <input type="checkbox"/> Pig	H	BT

Declaration:

We the undersigned have checked, where appropriate jointly the items on this checklist and are satisfied that the entries made are to the best of our knowledge correct.

We have also made arrangements to carry out repetitive checks as necessary and agreed that those items with the letter R in the column Code should be rechecked at intervals not exceeding 02 hour(s).

Signatures:

For Vessel

Name: M. HARI S
 Rank: CH. OFF
 Signature: [Signature]
M.T. Kivalliq W. 0100H
CHIEF OFFICER

For Shore

Name: [Signature]
 Rank: Intertek Inspector
 Signature: Brian Tofflemire
 0100H