



**United States of America  
Department of Homeland Security  
United States Coast Guard**

Certification Date: 20 May 2024  
Expiration Date: 20 May 2025

## Temporary Certificate of Inspection

For ships on international voyages this certificate fulfills the requirements of SOLAS 74 as amended, regulation V/14, for a SAFE MANNING DOCUMENT.  
This Temporary Certificate of Inspection is issued under the provision of Title 46 United States Code, Section 399, in lieu of the regular certificate of inspection, and shall be in force only until the receipt on board said vessel of the original certificate of inspection, this certificate in no case to be valid after one year from the date of inspection.

Vessel Name	Official Number	IMO Number	Call Sign	Service
KIRBY 10105	1251004			Tank Barge

Hailing Port	Hull Material	Horsepower	Propulsion
WILMINGTON, DE	Steel		
UNITED STATES			

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
CARUTHERSVILLE, MO	07Mar2014	10Feb2014	R-705	R-705		R-200.0
UNITED STATES			-	-		10

Owner	Operator
KIRBY INLAND MARINE LP 55 WAUGH DRIVE SUITE 1000 HOUSTON, TX 77007 UNITED STATES	KIRBY INLAND MARINE, LP 18350 MARKET STREET CHANNELVIEW, TX 77530 UNITED STATES

This vessel must be manned with the following licensed and unlicensed Personnel. Included in which there must be 0 Certified Lifeboatmen, 0 Certified Tankermen, 0 HSC Type Rating, and 0 GMDSS Operators.

0 Masters	0 Licensed Mates	0 Chief Engineers	0 Oilers
0 Chief Mates	0 First Class Pilots	0 First Assistant Engineers	
0 Second Mates	0 Radio Officers	0 Second Assistant Engineers	
0 Third Mates	0 Able Seamen	0 Third Assistant Engineers	
0 Master First Class Pilot	0 Ordinary Seamen	0 Licensed Engineers	
0 Mate First Class Pilots	0 Deckhands	0 Qualified Member Engineer	

In addition, this vessel may carry 0 Passengers, 0 Other Persons in crew, 0 Persons in addition to crew, and no Others. Total Persons allowed: 0

**Route Permitted And Conditions Of Operation:**  
---Lakes, Bays, and Sounds plus Limited Coastwise---

Also, in fair weather only, limited coastwise, not more than twelve (12) miles from shore between St. Marks and Carrabelle, Florida.

This vessel has been granted a fresh water service examination interval in accordance with 46 CFR 31.10-21(a) (2). If this vessel is operated in salt water more than six (6) months in any twelve (12) month period, the vessel must be inspected using salt water intervals per 46 CFR 31.10-21(a) (1) and the cognizant OCMI must be notified in writing as soon as this change in status occurs.

\*\*\*SEE NEXT PAGE FOR ADDITIONAL CERTIFICATE INFORMATION\*\*\*

With this Inspection for Certification having been completed at Freeport, TX, UNITED STATES, the Officer in Charge, Marine Inspection, Houston-Galveston certified the vessel, in all respects, is in conformity with the applicable vessel inspection laws and the rules and regulations prescribed thereunder.

Annual/Periodic/Re-Inspection				This certificate issued by: <i>B.P. Bergan</i> B.P. BERGAN CDR, USCG, BY DIRECTION Officer in Charge, Marine Inspection Houston-Galveston Inspection Zone
Date	Zone	A/P/R	Signature	



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## Temporary Certificate of Inspection

Vessel Name: KIRBY 10105

This tank barge is participating in the Eighth and Ninth Coast Guard Districts' Tank Barge Streamlined Inspection Program (TBSIP). Inspection activities aboard this barge shall be conducted in accordance with its Tank Barge Action Plan (TAP). Inspection issues concerning this barge should be directed to OCMI Houston-Galveston.

### ---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	31May2034	02May2024	07Mar2014
Internal Structure	30Apr2029	23Apr2024	28Mar2019

### --- Liquid/Gas/Solid Cargo Authority/Conditions ---

Authorization: GRADE A AND LOWER AND SPECIFIED HAZARDOUS CARGOES

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
10000	Barrels	A	Yes	No	No

#### \*Hazardous Bulk Solids Authority\*

Not Authorized

#### \*Loading Constraints - Structural\*

Tank Number	Max Cargo Weight per Tank (short tons)	Maximum Density (lbs/gal)
1 C/L	746	13.6
2 C/L	687	13.6
3 C/L	552	13.6

#### \*Loading Constraints - Stability\*

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
III	1893	11ft 0in	13.6	R, LBS
II	1407	8ft 9in	13.6	R, LBS

#### \*Conditions Of Carriage\*

Only those cargoes named in the vessel's Cargo Authority Attachment (CAA), Serial # C1-1401417, dated April 28th, 2014, may be carried, and then only in the tanks indicated. When the vessel is carrying cargoes containing greater than 0.5% benzene, the person in charge is responsible for ensuring the provisions of 46 CFR 197, Subpart C are applied.

Per 46 CFR 150.130, the Person in Charge of the vessel is responsible for ensuring that the compatibility requirements of 46 CFR 150 are met. Cargoes must be checked for compatibility using the figures, tables, and appendices of 46 CFR 150 in conjunction with the compatibility group numbers from the "Compat Group No" column listed in the vessel's CAA.

The maximum design density of cargo which may be filled to the tank top is 9.9 lbs/gal. Cargoes with higher densities, up to 13.6 lbs/gal, may be carried as slack loads, but shall not exceed the tank weight limits as listed above.

Per 46 CFR 151.10-15(c)(2) the max tank weights reflect uniform (within 5%) loading at the deepest draft allowed. When carrying Subchapter O cargoes at shallower drafts, the barge(s) should always be loaded uniformly.



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Vessel Name: KIRBY 10105

**\*Vapor Control Authorization\***

In accordance with 46 CFR Part 39, excluding part 39.4000, this vessel's vapor collection system (VCS) has been inspected to the plans approved by MSC Letter #C1-1304363 dated December 24th, 2013 and has been found acceptable for the collection of bulk liquid cargo vapors annotated with "Yes" in the CAA's VCS column. The VCS system has been approved with a pressure side of 6 psig P/V valve with Coast Guard Approval 162.017/167/4. The cargo tank top is suitable for a maximum allowable working pressure (MAWP) of 6.50 psig.

In accordance with 46 CFR Part 39.5000, this vessel's VCS has been evaluated and approved for multi-breasted tandem loading with other vessels specifically approved by Marine Safety Center letter Serial No. C1-1402468 dated August 5th, 2014.

**--- Inspection Status ---**

**\*Cargo Tanks\***

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1 C/L	07Mar2014	23Apr2024	30Apr2034	28Mar2019	23Apr2024	30Apr2029
2 C/L	07Mar2014	23Apr2024	30Apr2034	28Mar2019	23Apr2024	30Apr2029
3 C/L	07Mar2014	23Apr2024	30Apr2034	28Mar2019	23Apr2024	30Apr2029

**Hydro Test**

Tank Id	Safety Valves	Previous	Last	Next
1 C/L	-	-	-	-
2 C/L	-	-	-	-
3 C/L	-	-	-	-

**---Conditional Portable Fire Extinguisher Requirements---**

Required Only During Transfer of Cargo or Operation of Barge Machinery

**--- Fire Fighting Equipment ---**

**\*Fire Extinguishers - Hand portable and semi-portable\***

Quantity	Class Type
2	40-B

\*\*\*END\*\*\*

**KIRBY INLAND MARINE, LP  
MAINTENANCE DEPARTMENT  
18350 MARKET ST.  
CHANNELVIEW, TX 77530**

OFFICE (713) 435-1730

FAX (713) 435-1714

**VAPOR TIGHTNESS TEST**

Note: Test Results are Valid for (1) One Year from Date of Test!

Vessel Name: Kirby 10105 Test Date: 5/13/24  
 Testing Location: Texas Barge Maximum Load Rate: (BPH) 3,500  
 Tanks Tested: All Pressure Indicator: Cast Gauge

**TEST RESULTS**

Test Duration: 30 Minutes Beginning Pressure: 84 Inches H2O  
 Ending Pressure: 84 Inches H2O  
 Total Pressure Loss: 0 Inches H2O  
 Allowable Pressure Loss: 5.33 Inches H2O

**Barge is Vapor Tight if "Total Pressure Loss" is LESS than "Allowable Pressure Loss"**  
 This vessel has been tested in accordance with Section 61.304F and has been found to be vapor tight.

Bill P Sunday  
 Tester: (Print)

Jeremy Fox  
 Witness: (Print)

Phillip Sunday  
 Tester: (Signature)

J. Fox  
 Witness: (Signature)

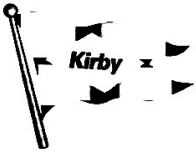
Kirby Inland Marine  
 Affiliation of Witness:

- (P1) - Beginning Pressure
- (P2) - Ending Pressure
- (Delta P) - Total Pressure Loss
- (Delta PM) - Allowable Pressure Loss
- (TP) - 14.7 plus Barge Test Pressure in PSI
- (L) - Maximum Load Rate in BPH
- (V) - Volume of Tank (s)
- (Delta T) = Test Duration
- .861 - PIA @ (P1)

$$.861 \times \frac{17.7}{(TP)} \times \left( \frac{3,500}{(L)} - \frac{10,000}{(V)} \right) = \frac{5.33}{(Delta PM)}$$

WHITE COPY - VESSEL YELLOW COPY - BARGE DOCUMENT CONTROL COORDINATOR PINK COPY - BOOK COPY

Kirby Form #MR-06-02  
 Issued: 11/07/16



KIRBY INLAND MARINE, LP  
MAINTENANCE DEPARTMENT  
18350 MARKET ST.  
CHANNELVIEW, TX 77530

OFFICE (713) 435-1730

FAX (713) 435-1714

### BARGE PIPING TEST LETTER

**INSTRUCTIONS:** FILL OUT COMPLETELY. WRITE "N/A" ON ANY NON-APPLICABLE LINE.

BARGE NAME/NUMBER:

Kirby 10105

Last Hydro Test Date (1.5 times)

5/13/2024

(USCG Required at COI Inspection and USCG Periodic)

Note: Test Results are Valid for (1) One Year from Date of Test!

Letter of Expiration Date (One year from Test):

5/13/2025

1. Cargo Piping and Valves (Date of Test):

5/13/2024

Annual Hydro Test Pressure:

188 #

2. Cargo Relief Valve Lift Test (Date of Test):

4/18/24

3. Cargo Pressure Gauge (Date of Test):

5/13/24

Annual Percent of Accuracy (%):

98%

4. Steam Piping Test Pressure:

N/A

5. Steam Relief Valve (Date of Test):

N/A

Signature:

[Handwritten Signature]

**DISTRIBUTION:** Place original as last page of "USCG Papers folder" located in barge document mailbox.

WHITE COPY - VESSEL    YELLOW COPY - BARGE DOCUMENT CONTROL COORDINATOR    PINK COPY - BOOK COPY

KIRBY FORM MR-05-03  
ISSUED 07/10/18

Kirby Inland Marine, LP  
Maintenance Department

MAJOR  
Packet

**DOCUMENT RECEIPT RECORD**

JEREMY FIX

DATE: 4/23/2024

FROM: DEAN NORTH CUTT

RE: KIRBY 10105 FUTURE NAME

Please see that the enclosed documents are properly placed aboard the subject vessel in the appropriate location. Indicate the location and date below, sign this copy and return with the old documents attached to:

Kirby Inland Marine, LP  
Maintenance Department  
18350 Market St.  
Channelview, TX 77530

Proper handling of these documents is of the utmost importance.  
(Vessel Documents) Each document should go in the appropriate folder:

- BARGE - in the mailbox on board each barge
- BOAT - in the PILOT HOUSE

ENCLOSED DOCUMENT	LOCATION	DATE RECEIVED
<input checked="" type="checkbox"/> VRP LETTER	Texas Barge	5/20/24
<input checked="" type="checkbox"/> PLAN		
<input type="checkbox"/> COI		
<input type="checkbox"/> COD		
<input type="checkbox"/> PE LETTER		
<input type="checkbox"/> RADIO LICENSE		
<input checked="" type="checkbox"/> STRAPPINGS		
<input checked="" type="checkbox"/> PIPING DIAGRAMS		
<input type="checkbox"/> VAPOR TEST		
<input type="checkbox"/> PIPE TEST		
<input type="checkbox"/> COI NAME CHANGE MEMO		
<input checked="" type="checkbox"/> SECURITY PLAN APPROVAL LTR		
<input type="checkbox"/> TAIP ENDORSEMENT		
<input checked="" type="checkbox"/> TRANSFER PROCEDURES		
<input type="checkbox"/> SHIPYARD OIL POLLUTION EMERGENCY PLAN		

PRINT NAME: Jeremy Fix

# BARGE REGISTER FIELD REPORT

*S.G.P 5/20/24*

## Vessel Information

Changes to be made.

Barge Name	KIRBY 10105
Operating Company	KIRBY INLAND MARINE
Former Name	
Builder Hull Number	5996-17
Official Number	1251004
Net Registered Tons	705
Gross Registered Tons	705
Builder Name	TRINITY MARINE
Date Built	03/07/14
Place Built	CARUTHERSVILLE, MO
Hull Type	II
Hull Class	DS
ABS Designation	NO
Vessel Type	TANK BARGE
Tank Pressure	6.5
Tow Configuration	LEAD
Tow Misc	NO
Bow	RAKE
Stern	SQUARE

## Vessel Description

Changes to be made.

Length	200'
Width	35'
Height	12'
Barrell Capacity	10698
Dry Capacity	
Bow Draft	2' 6"
Mean Draft	2' 0"
Stern Draft	1' 6"
Highest Fixed Point	TOP OF EXHAUST
Highest Fixed-Point Measurement	21'8"
Number of Tanks	3
Tank Arrangement	1-3 CENTER
Tank Material	CARBON STEEL
Tank Lining Type	N/A
Tank Lining Installed	
Tank Lining Inspected	
Tank Lining Condition	
Header to Side	6' 6"
Header to Drip Pan Top	12"
Header to Bow / Stern	20' 0"
Header to Drip Pan Side	20"
Distance to First Stanchion	24"

*Exhaust Stanchion  
20' 4 3/4"*

**Vessel Description**

Changes to be made.

2434"

Vapor Header to Cargo Header

**Miscellaneous Outfitting**

Changes to be made.

Forward Winches (Y/N) NO  
 Aft Winches (Y/N) YES  
 Winch Mfg NABRICO 30 TON  
 Locking Pins NO  
 Hose Boom NO  
 Customs Seals NO  
 Void Coating Type EASY KOTE  
 Perimeter Spill Rail (Yes or No) YES

**Cargo System Information**

Changes to be made.

Piping Class II  
 Piping Material CARBON STEEL  
 Isolation NO  
 Positive Protection NO  
 Product Capacity NO  
 Header Location BOW  
 Header Size 8"  
 Header Valve Size 8" RS  
 Salvage Valve YES  
 Dummy Header NO  
 Cargo Pump Pressure Relief Valve FARRIS 6X8  
 Check Valve WAFER 8"  
 Deepwell Can Drain Valve (Yes or No)  
 Deep Well Valve Size  
 Deep Well Valve Type  
 Deep Well Pickling  
 Accessory Setup  
 Deep Well Cavity Heating Accessory Setup  
 Check Valve Bypass Line Valve Size  
 Check Valve Bypass Line Type

NO

2"  
Flanged

**Cargo Tank Valves**

Changes to be made.

Tank Valve Type NRS  
 Tank Valve Size 8" NRS  
 Reach Rod Adaptor TOP HAT U BOLTED  
 Reach Rod Packing Gland Type SEAL BOX  
 Stripping Block Valve Size NONE



**Cargo Tank Valves**

Changes to be made.

Stripping Block Valve Type N/A  
 Block Valve Location N/A  
 Master Suction Valve 10" NRS  
 Master Suction Valve Type NRS  
 Hatch for Removal CARGO HATCH  
 Cargo Hatch Size 18"X24" 6 DOG  
 Type of Butterworth 20" ROUND 6 DOG  
 Number per Tank  
 High Suction Valves (Yes or No)  
 High Suction Valve Size  
 High Suction Valve Type  
 High Suction Suction Reach  
 Rod Type

3  
 NO

**Pump #1 Information**

Changes to be made.

Manufacture BYRON JACKSON  
 Type DEEPWELL  
 Material CARBON STEEL  
 Pump Rate (BPH – Barrels per Hour) 2200 GPM  
 Location #1 CT  
 Length  
 Stages 3  
 Deepwell Diameter 24"  
 Deepwell Length 10' 1"  
 Seal Size 2250  
 Shaft Size 1 15/16"  
 Bushing Material CARBON  
 OBA YES  
 Split Shaft YES  
 Type of Coupling EPS  
 Discharge Size 10"  
 Pollution Head YES  
 Gear Type AMARILLO  
 Model # S250  
 Horsepower 250  
 Gear Rotation (LH or RH) RH  
 Gear Ratio 1:1

115'12"

Chm. Station Seal

LH

**Pump Engine #1 Information**

Changes to be made.

Make 4 Cycle Cummins  
 Model 6CTA 8.3 DM  
 Serial Number 73469091  
 Muffler Type SPARK ARRESTER HORIZONTAL  
 Fuel Filter # RAYCOR 2020/FF42000V  
 Fan Belt # K080626HD

**Cargo Tank Valves**

Changes to be made.

Stripping Block Valve Type N/A  
 Block Valve Location N/A  
 Master Suction Valve 10" NRS  
 Master Suction Valve Type NRS  
 Hatch for Removal CARGO HATCH  
 Cargo Hatch Size 18"X24" 6 DOG  
 Type of Butterworth 20" ROUND 6 DOG  
 Number per Tank  
 High Suction Valves (Yes or No)  
 High Suction Valve Size  
 High Suction Valve Type  
 High Suction Suction Reach  
 Rod Type

3  
 NO

**Pump #1 Information**

Changes to be made.

Manufacture BYRON JACKSON  
 Type DEEPWELL  
 Material CARBON STEEL  
 Pump Rate (BPH – Barrels per Hour) 2200 GPM  
 Location #1 CT  
 Length  
 Stages 3  
 Deepwell Diameter 24"  
 Deepwell Length 10' 1"  
 Seal Size 2250  
 Shaft Size 1 15/16"  
 Bushing Material CARBON  
 OBA YES  
 Split Shaft YES  
 Type of Coupling EPS  
 Discharge Size 10"  
 Pollution Head YES  
 Gear Type AMARILLO  
 Model # S250  
 Horsepower 250  
 Gear Rotation (LH or RH) RH  
 Gear Ratio 1:1

115' 1/2"

*Chrysler Seal*

LH

**Pump Engine #1 Information**

Changes to be made.

Make 4 Cycle Cummins  
 Model 6CTA 8.3 DM  
 Serial Number 73469091  
 Muffler Type SPARK ARRESTER HORIZONTAL  
 Fuel Filter # RAYCOR 2020/FF42000V  
 Fan Belt # K080626HD

**Pump Engine #1 Information**

Changes to be made.

Oil Filter # 7177  
 Driveshaft Length 48"  
 Diameter 6"  
 Hub OD 8"  
 Bolt Pattern 12 BOLT 1810  
 Fuel Tank Capacity (Gallons) 500 GALLONS  
 Fuel Tank Size 48" D X 5' 6" L  
 Fuel Tank Ullage Hatch 8"  
 Fuel Tank Clean Out 8"  
 Type of Fuel Lines SS 1/2"  
 PTO Type NACD  
 PTO Size 14" DOUBLE  
 Starter Model MERADYN  
 Starter Type HYDRAULIC

**Pump #2 Information**

Changes to be made.

Manufacture  
 Type  
 Material  
 Pump Rate (BPH – Barrels per Hour)  
 Location  
 Length  
 Stages  
 Deepwell Diameter  
 Deepwell Length  
 Seal Size  
 Shaft Size  
 Bushing Material  
 OBA  
 Split Shaft  
 Type of Coupling  
 Discharge Size  
 Pollution Head  
 Gear Type  
 Model #  
 Horsepower  
 Gear Rotation (LH or RH)  
 Gear Ratio

**Pump Engine #2 Information**

Changes to be made.

Make  
 Model  
 Serial Number  
 Muffler Type  
 Fuel Filter #  
 Fan Belt #

**Pump Engine #2 Information**

Changes to be made.

- Oil Filter #
- Driveshaft Length
- Diameter
- Hub OD
- Bolt Pattern
- Fuel Tank Capacity (Gallons)
- Fuel Tank Size
- Fuel Tank Ullage Hatch
- Fuel Tank Clean Out
- Type of Fuel Lines
- PTO Type
- PTO Size
- Starter Model
- Starter Type

**Pump #3 Information**

Changes to be made.

- Manufacture
- Type
- Material
- Pump Rate (BPH – Barrels per Hour)
- Location
- Length
- Stages
- Deepwell Diameter
- Deepwell Length
- Seal Size
- Shaft Size
- Bushing Material
- OBA
- Split Shaft
- Type of Coupling
- Discharge Size
- Pollution Head
- Gear Type
- Model #
- Horsepower
- Gear Rotation (LH or RH)
- Gear Ratio

**Pump Engine #3 Information**

Changes to be made.

- Make
- Model
- Serial Number
- Muffler Type
- Fuel Filter #
- Fan Belt #

**Pump Engine #3 Information**

Changes to be made.

- Oil Filter #
- Driveshaft Length
- Diameter
- Hub OD
- Bolt Pattern
- Fuel Tank Capacity (Gallons)
- Fuel Tank Size
- Fuel Tank Ullage Hatch
- Fuel Tank Clean Out
- Type of Fuel Lines
- PTO Type
- PTO Size
- Starter Model
- Starter Type

**SYSTEM**

Changes to be made.

- CERTIFICATED
- STATUS
- SW DAYS (ONE YEAR)
- SW DAYS (FOUR YEARS)
- ENGINE HOURS
- LAST/NEXT HEATER SERVICED
- LAST/NEXT ENGINE SERVICED
- LAST/NEXT BOOM SERVICED
- LAST/NEXT SEAL SERVICED
- LAST/NEXT METER READING
- LAST/NEXT ALARM SERVICED
- LAST/NEXT HOSE TEST
- Engine Manufacture
- Model
- Oil Filter
- Fuel Filter
- Fan Belt
- Muffler Type
- Serial Number
- Starter Model
- Starter Type
- Skid Height Raised
- House Splash Guards
- Generator Manufacture
- Model
- KW

**Generator #2 Information**

Changes to be made.

Engine Manufacture  
 Model  
 Oil Filter  
 Fuel Filter  
 Fan Belt  
 Muffler Type  
 Serial Number  
 Starter Model  
 Starter Type  
 Skid Height Raised  
 House Splash Guards  
 Generator Manufacture  
 Model  
 KW

**Generator #3 Information**

Changes to be made.

Engine Manufacture  
 Model  
 Oil Filter  
 Fuel Filter  
 Fan Belt  
 Muffler Type  
 Serial Number  
 Starter Model  
 Starter Type  
 Skid Height Raised  
 House Splash Guards  
 Generator Manufacture  
 Model  
 KW

**Vapor System**

Changes to be made.

Piping Class	II
Piping Material	CARBON STEEL
Positive Isolation	NO
Product Capacity	1
Header Size	8"
Valve Size	8" NRS
Header Location	BOW
API Standard	YES
Lug on Flange	YES
Dummy Header	NO
Spill Valve Mfg	NONE
Spill Valve Setting	N/A
Spill Valve Size	N/A
PV Valve Mfg	ERL

Vapor System		Changes to be made.
Pressure Setting	6.0	
Vacuum Setting	2.0	
Max Load Rate (BPH – Barrels per Hour)	3500 BPH	
PV Location	MIDSHIP VAPOR	
Vapor Drip Pans	YES	
Vapor Inspection Ports	YES	
Header Slopped	NO	
Vent Stack Size	8"	
Vent Stack Material	S/S	
Vent Stack Valve Size	8" NRS	
Pressure Gauge	0-200	
Pressure Gauge Guard	YES	
Gauge Location	MIDSHIP VAPORLINE	
Gauge Range	-3+7	
Solar Alarm Panel Mfg		ERL
Solar Alarm Panel Model		APM-2-E
Solar Alarm Panel Active		Yes
Alarm System Mfg Bergan (Dual) or ERL (RSA)		Dual
Alarm System Description		High Level / over Fill
Common PV or Individual Tank PV		Common
Stubouts at Each Tank – Accessory to Add Vapor System		Yes
Cargo Tank – Machinery Deck Butterworth Hatch Stanchions		NO
High Level Alarm System		Changes to be made.
High Level Alarm Mfg	BERGAN	
High Level Alarm Setting	10-1/2"	
High Level Shutdown Setting	9"	12"
Alarm Stub Out Size	8"	9 1/2"
Deck Camber Actual	3"	
Deck Camber Setting	3"	6"
Gauging System		Changes to be made.
Restricted Gauging	NO	
Closed Gauging	HERMETIC	
Tape Gauge	NO	
Closed Gauge Sampled	HERMETIC	
Sight Glass w/Gauge Tree	BERGAN	
Sight Glass Type	BERGAN 8" ROUND	
One Meter Stick	BERGAN	
Hi/Lo Calibrated Stick	BERGAN	

	<b>Gauging System</b>	Changes to be made.
Strapping Table Date	2/20/2014	
Surveyor	PMA	
Radar Make		
Radar Model		
Radar Location (Bow / Stern / Midship)		

	<b>Hydraulic System</b>	Changes to be made.
Stripping System	NONE	
Stripping System Description	N/A	
Stripping System Drops at Tanks	YES	
Slop Tank	NONE	
Slop Tank Size	N/A	
Slop Tank Type	N/A	
Slop Tank Capacity		

	<b>Nitrogen System</b>	Changes to be made.
Nitrogen System	NONE	
Nitrogen System Description	N/A	
Liquid Bottles		
High Pressure Bottles		

	<b>Signage</b>	Changes to be made.
Sub-O Sign Size	NO	21" x 42"
Danger Benzene Sign Size	29" X 42"	
Cargo Information Sign Size		7" x 4"
Name Card / Cargo ID Card		
Frame Attached to Top of Warning Sign Frame		7" x 41"

	<b>Mailbox</b>	Changes to be made.
Mailbox Type	S/S	
Mailbox Mfg		ERL

	<b>Bunker Boom Information</b>	Changes to be made.
Boom Mfg		
Boom Size		
Boom Length		
Boom Type – Hydraulic or Manual		