



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

Certification Date: 28 Feb 2013
Expiration Date: 28 Feb 2014
IMO Number:

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 KIRBY 29307	Official Number 628605	Call Sign	Service Tank Barge			
Hailing Port HOUSTON TX	Hull Material Steel	Horsepower	Propulsion			
Place Built ST LOUIS, MO UNITED STATES	Delivery Date 01Jan1980	Date Keel Laid	Gross Tons R-2033 I-	Net Tons R-2033 I-	DWT	Length R-297 I-
Owner KIRBY INLAND MARINE, INCORPORATED 55 WAUGH DRIVE SUITE 1000 HOUSTON TX 77007 UNITED STATES	Operator KIRBY INLAND MARINE 16402 1/2 DE ZAVALA 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.

Master	Master & 1st Class pilot	Radio Officer(s)	Chief Engineer	QMED/Rating
Chief Mate	Mate & 1st Class Pilot	Able Seamen/ROANW	1st Asst. Engr/2nd Engr.	Oilers
2nd Mate/OICNW	Lic. Mate/OICNW	Ordinary Seamen	2nd Asst. Engr/3rd Engr.	
3rd Mate/OICNW	1st Class Pilot	Deckhands	3rd Asst. Engr.	
			Lic. Engr.	

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---

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 6 months in any 12 month period, the vessel must be inspected using salt water intervals per 46 CFR 31.10-21(a)(1) and the cognizant OCMI 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 Port Arthur, TX, the Officer in Charge, Marine Inspection, Marine Safety Unit Port Arthur certified the vessel, in all respects, is in conformity with the applicable vessel inspection laws and the rules and regulations prescribed thereunder.

Annual/Periodic/Quarterly Reinspections				This certificate issued by: R. J. JENKINS, LCDR, USCG, By direction Officer in Charge, Marine Inspection Marine Safety Unit Port Arthur Inspection Zone
Date	Zone	A/P/Q	Signature	
-	-	-	-	
-	-	-	-	
-	-	-	-	



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This tank barge is participating in the Eighth Coast Guard District's 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	28Feb2018	29Feb2008	22May1998
Internal Structure	28Feb2018	28Feb2013	29Feb2008

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

Authorization/ Grade "A" and lower and specified hazardous cargoes.
46CFR Subchapter D Authority: Highest Grade/A Capacity/29200 Units/Barrels
46CFR Subchapter O Authority: Part 151/Yes Part 153/No Part 154/No

Loading Constraints - Structural

Tanks	Max Cargo Weight/Tank(Short Tons)	Max Density(LBS/Gal)
2 (P/S)	929	14.200
DECK TANK	6	14.200
3 (P/S)	880	14.200
1 (P/S)	884	14.200

Loading Constraints - Stability

Hull Type	Max Load (STons)	Max Draft (Ft/In)	Max Density (Lbs/Gal)	Route
II	4196	11'1	<=14.20	Lakes, Bays, and Sounds
III	4549	11'9	<=14.20	Lakes, Bays, and Sounds
II	4196	11'1	<=14.20	Rivers
III	4549	11'9	<=14.20	Rivers

Conditions of Carriage

Only those cargoes named in the vessel's Cargo Authority Attachment (CAA), serial #VN81000189, dated 23MAY00, and Grade "A" and lower cargoes may be carried.

Vapor Control Authorization

This vessel's vapor control system has been inspected to the plans approved by the Marine Safety Center letter serial #M-20534 dated 10JUL92, and found acceptable for the collection of cargo vapors from those specific subchapter "D" cargoes contained in that letter, and those specified hazardous cargoes annotated with either "V" or "T" in the CAA.

The letter "V" in the note column of the CAA signifies approval for vapor control without any additional requirements.

The letter "T" in the note column of the CAA signifies that the cargo is highly toxic and that spill valves or rupture disks are not authorized as the primary means of overfill protection required by 46 CFR 39.20-9. A high level and overfill alarm is required by 46 CFR 39.20-7.

Deck Slop Tank



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Deck slop tank is authorized for Grade "A" and lower and specified hazardous cargoes.

Stability and Trim

Cargo tanks must be loaded uniformly whenever a 46 CFR Subchapter "O" cargo is carried; for trim purposes, the weight of cargo in each tank may exceed the uniformly loaded tank cargo weight by at most 5 percent.

---Inspection Status---

Cargo Tanks

TankID	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
2 (P/S)	28Aug2002	29Feb2008	28Feb2018	-	-	-
DECK TANK	-	-	-	-	-	-
3 (P/S)	28Aug2002	29Feb2008	28Feb2018	-	-	-
1 (P/S)	28Aug2002	29Feb2008	28Feb2018	-	-	-

TankID	Safety	Hydro Test		
	Valves	Previous	Last	Next
2 (P/S)	-	-	-	-
DECK TANK	-	-	-	-
3 (P/S)	-	-	-	-
1 (P/S)	-	-	-	-

---Conditional Portable Fire Extinguisher Requirements---

Required Only During Transfer of Cargo or Operation of Barge Machinery.

---Fire Fighting Equipment---

Number of Fireman Outfits/ 0

Fire Extinguishers - Hand portable and semi-portable

Qty	Class Type
2	B-II

END



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Serial #: VN81000189
COI Ref: 23-May-00

Certificate of Inspection

Cargo Authority Attachment

Vessel Name: KIRBY 29307
Official #: D628605

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Shipyard: POTT INDUSTRIES IN
Hull #: 4486

List of Authorized Cargoes

Cargo Identification						Conditions of Carriage	
Name	Chem Code	Compat Group No	Exc	Grade	Hull Type	Note	Special Requirements in 46 CFR 151 General and Mat's of Construction
Authorized Subchapter O Cargoes							
Adiponitrile	ADN	37	N	E	II	V	No
Butyraldehyde (all isomers)	BAE	19	N	C	III	V	55-1(h)
Butyl acrylate (all isomers)	BAR	14	N	D	III		50-70(a) 50-81(a) (b)
Benzene	BNZ	32	N	C	III	V	50-60
Carbon tetrachloride	CBT	36	N		III		No
Camphor oil (light)	CPO	18	N	D	II		No
Caustic potash solution	CPS	5	Y		III		50-73, 55-1(j)
Chlorobenzene	CRB	36	N	D	III	V	No
Chloroform	CRF	36	N	E	III		No
Cresols (all isomers)	CRS	21	N	E	III	V	No
Caustic soda solution	CSS	5	Y		III		50-73, 55-1(j)
1,3-Dichloropropene	DPU	15	N	D	II	T	No
Ethylene dichloride	EDC	36	Y	C	III	V	No
Ethylene cyanohydrin	ETC	20	N	E	III	V	No
Isoprene	IPR	30	N	A	III		50-70(a) 50-81(a) (b)
Styrene monomer	STY	30	N	D	III	V	50-70(a) 50-81(a) (b)
Vinyl acetate	VAM	13	N	C	III	V	50-70(a) 50-81(a) (b)

Explanation of terms & symbols used in the Table:

Cargo Identification

Name	The proper shipping name as listed in 46 CFR Table 151.05
Chem Code	The three letter designation assigned to the cargo in the Chemical Hazards Response Information System (CHRIS) Manual.
Compatibility Group No	The cargo reactive group number assigned for compatibility determinations in 46 CFR Part 150 Tables I and II. In accordance with 46 CFR 150.130, the Person-in-Charge of the barge is responsible for ensuring that the compatibility requirements of 46 CFR Part 150 are met. Cargoes must be checked for compatibility using the figures, tables, and appendices of 46 CFR 150 in conjunction with the assigned reactive group number.
Exceptions (Exc)	Indication of whether or not there are exceptions to the compatibility chart for the given cargo. See Appendix I to 46 CFR Part 150.
Grade	The cargo classification assigned to each flammable or combustible liquid. Grades inside of "()" indicate a provisional assignment based upon literature sources which were not verified by manufacturers data. The Person-in-Charge shall verify the cargo grade based on Manufacturers data and ensure that the barge is authorized for carriage of that grade of cargo. Flammable liquid cargoes, as defined in 46 CFR 30-10.22. Combustible liquid cargoes, as defined in 46 CFR 30-10.15. Those subchapter O cargoes which are not classified as a flammable or combustible liquid. No flammability/combustibility grade has been assigned yet, as the necessary flash point/vapor pressure data for such assignments are presently not available.
A, B, C	
D, E	
NA, NF	
#	
Hull Type	The required barge hull classification for carriage of the specified Subchapter O hazardous material cargo, see 46 CFR 151.10-1. I Designed to carry products which require the maximum preventive measures to preclude the uncontrolled release of the cargo. See 46 CFR 151.10-1(b)(1). II Designed to carry products which require significant preventive measures to preclude the uncontrolled release of cargo. See 46 CFR 151.10-1(b)(3). III Designed to carry products of sufficient hazard to require a moderate degree of control. See 46 CFR 151.10-1(b)(4).

Conditions of Carriage

Note See Certificate of Inspection for explanation of symbols used in this column.