



BARGE: IB1709

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8
2 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 00-7/8	00-7/8
3 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 00-7/8	00-7/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS - 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 7/8'

LENGTH BETWEEN DRAFT MARKS: 138'-00"

October 25, 2018



BARGE: IB1709

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

REFERENCE GAUGE HEIGHT: 16'-02"

Table with 25 columns (IN 0 FT. to IN 15 FT.) and 25 rows (0 to 15). Each cell contains a numerical value representing capacity in barrels.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7. CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL. CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT. CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER "HERMETIC" VALVE. GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 29'-00" FORWARD OF AFT BULKHEAD.

DATE STRAPPED: 10/25/2018 CL
DATE COMPUTED: 10/25/2018 CL
DATE ISSUED: 10/25/2018 CL

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT & ANALYSIS, INC. P.O. Box 2092 Pearland, Texas 77588 http://www.pmacorp.net





BARGE: FB1709

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

REFERENCE GAUGE HEIGHT: 16'-02 1/2"

Table with 24 columns (0 FT. to 15 FT.) and 24 rows (0 to 11). Each cell contains capacity values for different gauge heights (0, 1/4, 1/2, 3/4).

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7. CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL. CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT. CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER "HERMETIC" VALVE. GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 28'-09" FORWARD OF AFT BULKHEAD.

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BARGE: IB 1709

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

REFERENCE GAUGE HEIGHT: 16'-03"

Table with columns for depth (0 FT. to 15 FT.) and rows for various barge configurations (e.g., 0, 1/4, 1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/4, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15). Each cell contains capacity values in barrels.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7. CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL. CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT. CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER "HERMETIC" VALVE. GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 28'-06" FORWARD OF AFT BULKHEAD.

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BARGE: IB1709

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
2 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-7/8	- 00-7/8
3 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-7/8	- 00-7/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 138'-00"

October 25, 2018



BARGE: IB 1709

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

REFERENCE GAUGE HEIGHT: 16'-02"

Table with columns for height (1 FT. to 16 FT.) and rows for capacity (0 to 11). Each cell contains capacity values for different gauge heights (1/4, 1/2, 3/4).

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BARGE: IB1709

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

REFERENCE GAUGE HEIGHT: 16'-02 1/2"

Table with columns for height (IN) and capacity (BARRELS) for various diameters (1 FT. to 16 FT.).

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7. CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL. CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT. CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 2" DIAMETER "HERMETIC" VALVE. GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 28'-09" FORWARD OF AFT BULKHEAD.

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BARGE: IB 1709

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

REFERENCE GAUGE HEIGHT: 16'-03"

Table with columns for height (IN) and capacity (BARRELS) for various diameters (1 FT. to 16 FT.).

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7. CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL. CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT. CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 2" DIAMETER "HERMETIC" VALVE. GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 28'-06" FORWARD OF AFT BULKHEAD.

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