



**CENTERLINE**  
LOGISTICS

# Voyage Plan: Navigation Assessments Voyages Less than 24 Hour

Form 06-1010A-1

Revision 09/2020

*Note: Navigational Assessments are to be completed prior to leaving the dock on all voyages less than 24 hours to include cross-waterway Barge Shifts. Ship assist vessels and vessels engaged in bunker work shall complete a single navigational assessment per day to cover all shifts in a local harbor prior to the first job.*

<b>Starting Point of Voyage</b>	Seaport Tacoma	<b>Ending Point of Voyage</b>	Seaport Seattle
<b>Tug Name</b>	Montlake	<b>Barge Name</b>	SoDo
<b>Charts Used</b>	18449, 18474, 18453		
<b>Type of Voyage</b>	<input checked="" type="checkbox"/> Inland/Inter-Harbor voyage with a Barge <input type="checkbox"/> Light Ship voyage		<b>Date:</b> 10/12/2023

Verified in preparation and planning for this voyage. (Check all that apply)

<b>U.S. Coast Pilot</b>	<input checked="" type="checkbox"/>	<b>Vessel Traffic Services Manuals for area are on board</b>	<input checked="" type="checkbox"/>
<b>Charts for Voyage are on Board</b>	<input checked="" type="checkbox"/>	<b>Hard Copy of Colregs on board</b>	<input checked="" type="checkbox"/>
<b>Local Notice to Mariners on board</b>	<input checked="" type="checkbox"/>	<b>Position Fix Interval: Inland/Harbor 30 Minutes</b>	<input checked="" type="checkbox"/>
<b>Assist/Escort Tugs Confirmed if needed or required</b>	<input checked="" type="checkbox"/>	<b>Current Editions of Charts aboard</b>	<input checked="" type="checkbox"/>
<b>ECS Tracking Activated</b>	<input checked="" type="checkbox"/>		

**Electronic Chart System current with most recent update:** Yes

**Tug Deep Draft in Feet:** 16'06"

**Tug Air Draft in Feet:** 78'

**Barge Deep Draft in Feet:** ~~10'02"~~ 10'02"

**Barge Air Draft in Feet:** Less than Tug

**Minimum Horizontal Clearance (Locks, Bridges) in Feet:** 150' Hylebos Bridge

**Minimum Under keel Clearance in Feet for the deepest draft vessel during voyage: (Departure berth, arrival berth, route)** 20'

**Minimum Vertical Clearance in Feet for the tug and barge:** Hylebos Bridge Open

# CARGO SUMMARY

Voyage # 81211 Date: 12-Oct-23

ft		inches		ft		inches	
IP	23	0.00	ETHANOL	1S	23	0.00	ETHANOL
TEMP	60°F		GIBBL 0.00	TEMP			GIBBL 0.00
API	46.6		NIBBL 0.00	50°F			NIBBL 0.00
			M/T 0.00	API: 46.6			M/T 0.00
			% FULL 0.00				% FULL 0.00
2P	7	1.75	ETHANOL	2CS	7	1.88	ETHANOL
THANC % Full	80.70		% Full 82.97	ETHANOL % Full	80.96		% Full 80.92
GIBBL	1,912.62		GIBBL 1,854.65	GIBBL	1,806.28		GIBBL 1,917.37
NIBBL	1910.1		NIBBL 1852.2	NIBBL	1804.1		NIBBL 1915.1
M/T	240.71		M/T 233.42	M/T	227.35		M/T 241.34
Temp	62.4°F		Temp 62.4°F	Temp	62.2°F		Temp 62.2°F
API	46.6		API: 46.6	API	46.6		API: 46.6
3P	23	0.00	ETHANOL	3S	23	23.00	ETHANOL
TEMP	60°F		GIBBL 0.00	GIBBL	0.00		GIBBL 0.00
API	46.6		NIBBL 0.00	NIBBL	0.00		NIBBL 0.00
			M/T 0.00	M/T	0.00		M/T 0.00
			% FULL 0.00	% FULL	0.00		% FULL 0.00
4P	23	0.00	ETHANOL	4S	23	0.00	ETHANOL
TEMP	60°F		GIBBL 0.00	GIBBL	0.00		GIBBL 0.00
API	46.6		NIBBL 0.00	NIBBL	0.00		NIBBL 0.00
			M/T 0.00	M/T	0.00		M/T 0.00
			% FULL 0.00	% FULL	0.00		% FULL 0.00
5P	7	1.13	ETHANOL	5S	7	2.25	ETHANOL
TEMP	62.3°F		GIBBL 3,663.55	GIBBL	3,723.72		GIBBL 3,723.72
API	46.6		NIBBL 3,663.91	NIBBL	3,719.62		NIBBL 3,719.62
			M/T 485.93	M/T	468.75		M/T 468.75
			% FULL 81.39	% FULL	80.60		% FULL 80.60
6P	23	0.00	ETHANOL	6S	23	0.00	ETHANOL
TEMP	60°F		GIBBL 0.00	GIBBL	0.00		GIBBL 0.00
API	46.6		NIBBL 0.00	NIBBL	0.00		NIBBL 0.00
			M/T 0.00	M/T	0.00		M/T 0.00
			% FULL 0.00	% FULL	0.00		% FULL 0.00
PORT ISO TANK			Ethanol	STBD ISO TANK			Diesel
G/GAL	0		G/GAL	825			G/GAL 825
% FULL	0.0%		% FULL	13.2%			% FULL 13.2%

# BARGE

TUG Montlake BARGE SODO

BARGE CARGO TOTALS	
ETHANOL	
GB	15,083.19
NB	15,065.08
MT	-1,898.50

PRODUCT SPECIFICATIONS	
ETHANOL	
API:	46.6
VISC:	
DENSITY:	
H2S (PPM):	
FLASH °F:	
POUR °F:	

DIFFERENCE (- is STBD list)	
PORT	
GIBBLS	7635.82
NIBBLS	7526.28
M/T	961.06

Vessel Departure Totals:	
GIBBLS	15,083.19
NIBBLS	15,065.08
M/T	-1,898.50
% FULL:	27.21%

ARR/DEP INFO	
FIRST LINE:	10/12/23
ALL FAST:	10/12/23
NOR-SEA BOUY:	N/A
NOR-INLAND:	10/12/23
SECURE:	10/12/23
DEPART:	10/12/23

TRANSFER	
BOOM ON:	N/A
HOSE / ARM ON 1:	10/12/23
HOSE / ARM OFF 1:	10/12/23
HOSE / ARM ON 2:	N/A
HOSE / ARM OFF 2:	N/A
HOSE / ARM ON 3:	N/A
HOSE / ARM OFF 3:	N/A
START LOAD/DISC 1:	10/12/23
FINISH LOAD/DISC 1:	10/12/23
START LOAD/DISC 2:	N/A
FINISH LOAD/DISC 2:	N/A
START LOAD/DISC 3:	N/A
FINISH LOAD/DISC 3:	N/A
BOOM OFF:	N/A

FUEL USED AT END OF JOB OR 24:00	
GALLONS	Before Fuel
BARGE:	7340
	24

BARGE DRAFTS:	
DRAFT FWD:	BEFORE 57" AFTER 83"
DRAFT AFT:	BEFORE 76" AFTER 102"

