LSC Shipmanagement SIA

Passage Plan

From: Montreal-Valero term.(berth No 106) (Port, berth/ anchorage)

To: Southwest Pass Anchorage (Port, berth/ anchorage)

Vessel: AINAZI

Voyage No: 21/14

Cargo type: Nil

Cargo quantity: Nil MT

Ballast quantity: 20,750 MT

Ship's drafts: FWD 6.2 m (fresh water) AFT 7.9 m (fresh water)

Trackline recording method: ☐ Paper charts ☐ Electronic charts

Plan prepared by:	J. Dobelis	(Navigation Officer)	(Signature)	Date:
Plan checked by:	V. Iljins	(Master)	(Signature)	Date:
Acquainted:	V. Pleiko-Iziks	(OOW1)	(Signature)	Date:
Acquainted:	L. Smagare	(OOW2)	(Signature)	Date:
Acquainted:	J. Basaks	(OOW3)	(Signature)	Date:

Chart No / Area	Waypoint No	Waypoint Lat. & Long.	Actual Time Passed	Course	Engine Order	Speed	Distance and Time to Go: Next WPT Distance	Next WPT Time	Total Distance	Total Time	Depth: UKC	Req-ed UKC	ECDIS Parameters (OB for info only): Safety Depth (m)	Safety Frame (min)	Safety countor (m)	Shallow countor (m)	PI: Reference Mark	CIR (nm)	Wheel Over Position: Reference Mark	Bearing	Range (nm)	Position Fixing: Freq. (min)	Method: Primary	2nd	Current/ Tidal Stream: Set	Rate	Remarks/ Hazards/ Contingencies/ Master's Instructions
ca579001	0	45 37.68N 073 29.64W		058	DSAH	4.8	0.23	0 hrs 3 min	3064.7	263 hrs 11 min	10.7 2.22	0.6	10.00	3.00	10.00	8.00	Berth No 103(S)	0.1	Berth No 110 (E)	344.7	0.16	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....			**S. Lavrence River. Sector 5. Under Pilotage.** BSW II. POB. Echosounder on. BNWAS Off.Man st. 2 S/G Saf. sp. 10kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13;10. XTD: P/0.05 S/0.05
ca579001	1	45 37.82N 073 29.32W		025	SAH	6.4	1.29	0 hrs 12 min	3064.5	263 hrs 8 min	11.3 2.68	0.6	10.00	3.00	10.00	8.00	(Port side) Dock	0.14	Aero R (land)	046.0	0.48	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....			**S. Lavrence River. Sector5. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 11.7kn. Ice Navigation. Position fix by various methods. Passing Berth No110E (Rep.point 26)- Rep.to Montreal VTS on VHF 10 .R/W on VHF Ch: 16;13;10. XTD: P/0.05 S/0.05
ca579001	2	45 39.07N 073 28.50W		033	HAH	8.5	1	0 hrs 7 min	3063.2	262 hrs 56 min	11.3 2.45	1.03	10.00	3.00	10.00	8.00	Aero R (land)	0.11	Lt. FG 30m5M	009,4	0,48	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....			**S. Lavrence River. Sector 5. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 11.7kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13;10. XTD: P/0.05 S/0.06
ca579001	3	45 39.91N 073 27.74W		023	FAH	11.7	0.71	0 hrs 4 min	3062.2	262 hrs 49 min	11.3 1.96	1.76	10.00	3.00	10.00	6.00	Lt. FG 30m5M	0.11	Lt. FG 30m5M Lt. FG 9m7M	212,3 186,0		6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....			**S. Lavrence River. Sector 5. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 11.7kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13;10. XTD: P/0.05 S/0.05

Chart No / Area	Waypoint No	Waypoint Lat. & Long.	Course	Engine Order	Distance and Time to Go: Next WPT Distance	Next WPT Time	Total Distance	Total Time	Depth UKC	ECDIS Parameters (OB for info only): Safety Depth (m)	Safety Frame (min)	PI Reference Mark	Wheel Over Position: Reference Mark	Bearing	Position Fixing: Freq. (min)	Method Primary	Method 2nd	Current/ Tidal Stream Set	Remarks/ Hazards/ Contingencies/ Master's Instructions
	Actual Time Passed			Speed					Req-ed UKC	Safety countor (m)	Shallow countor (m)	CIR (nm)		Range (nm)				Rate	
ca579001	4	45 40.63N 073 27.31W	006	FAH 11.7	0.74	0 hrs 4 min	3061.5	262 hrs 45 min	11.3 1.96 1.76	10.00 10.00	3.00 8.00	Varennes yacht`s pier (N) 0.43	Varennes yacht`s pier (N)	107.9 0.43	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 5. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 11.7kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13;10. XTD: P/0.05 S/0.05
ca579001	5	45 41.33N 073 27.20W	019	FAH 11.7	0.35	0 hrs 2 min	3060.7	262 hrs 41 min	11.3 1.96 1.76	10.00 10.00	3.00 8.00	Varennes 0.45	Varennes yacht`s pier (N)	145.0 0.58	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 5. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 11.7kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13;10. XTD: P/0.05 S/0.06
ca579001	6	45 41.67N 073 27.03W	033	FAH 11.7	0.76	0 hrs 4 min	3060.4	262 hrs 40 min	11.3 1.96 1.76	10.00 10.00	3.00 8.00	Ilet Vert Isl. 0.39	Ile Deslauriers (S) point	354.1 0.35	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 5. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 11.7kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13;10. XTD: P/0.06 S/0.05
ca579001	7	45 42.31N 073 26.44W	022	FAH 11.7	0.84	0 hrs 4 min	3059.6	262 hrs 36 min	11.3 1.96 1.76	10.00 10.00	3.00 8.00	Cap Saint Michel 0.09	Cap Saint Michel	126.8 0.10	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 5. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 11.7kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13;10. XTD: P/0.05 S/0.05
ca579001	8	45 43.12N 073 25.97W	038	FAH 11.7	4.39	0 hrs 23 min	3058.8	262 hrs 31 min	11.3 1.96 1.76	10.00 10.00	3.00 8.00	Land (stb/s) 0.13	Vercheres (W) BW	063.2 0.66	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 5. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 11.7kn. Ice Navigation. Position fix by various methods. Passing Cap S. Michel (Pep.point 25) Rep.to Montreal VTS on VHF 10 .R/W on VHF Ch: 16;13;10. XTD: P/0.06 S/0.05
ca479155 ca579001	9	45 46.58N 073 22.17W	056	FAH 11.7	1.11	0 hrs 6 min	3054.4	262 hrs 9 min	11.3 1.96 1.76	10.00 10.00	3.00 8.00	Vercheres (W) BW 0.13	Vercheres (E) BW	215.5 0.43	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 5. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 11.7kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13;10. XTD: P/0.06 S/0.05
ca479155	10	45 47.20N 073 20.84W	040	FAH 11.7	4.76	0 hrs 24 min	3053.3	262 hrs 3 min	11.3 1.96 1.76	10.00 10.00	3.00 8.00	Berth No1 (N) point 0.25	Ile Bouchard (N) point	262.5 0.37	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 5. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 11.7kn. Ice Navigation. Position fix by various methods. Passing Ile Bouchardl (Pep.point 24) Rep.to Montreal VTS on VHF 10 .R/W on VHF Ch: 16;13;10. XTD: P/0.05 S/0.05

Chart No / Area	Waypoint No	Waypoint Lat. & Long.	Course	Engine Order	Distance and Time to Go: Next WPT Distance	Next WPT Time	Total Distance	Total Time	Depth UKC	ECDIS Parameters (OB for info only): Safety Depth (m)	Safety Frame (min)	PI Reference Mark	Wheel Over Position: Reference Mark	Bearing	Position Fixing: Freq. (min)	Method Primary	Method 2nd	Current/ Tidal Stream Set	Remarks/ Hazards/ Contingencies/ Master's Instructions
	Actual Time Passed			Speed	Distance	Time	Distance	Time	Req-ed UKC	Safety countor (m)	Shallow countor (m)	CIR (nm)		Range (nm)				Rate	
ca579156 ca479155	11	45 50.84N 073 16.43W	020	FAH	0.86	0 hrs 4 min	3048.5	261 hrs 39 min	11.3 1.96	10.00	3.00	Ile au Oragon (S) point	Lt. FG 20m26M (Racon N)	000.9	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 5. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 11.7kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13;10. XTD: P/0.05 S/0.06
				11.7					1.76	10.00	8.00	0.18		1.22					
ca479155 ca579156	12	45 51.60N 073 16.02W	033	FAH	2.08	0 hrs 11 min	3047.7	261 hrs 34 min	11.3 1.96	10.00	3.00	Lt. FG 20m26M (Racon)	Lt. FG 20m26M (Racon N)	243.4	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 5. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 11.7kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13;10. XTD: P/0.05 S/0.06
				11.7					1.76	10.00	8.00	0.62		1.22					
ca479155	13	45 53.37N 073 14.38W	046	FAH	1.16	0 hrs 6 min	3045.6	261 hrs 24 min	11.3 1.96	10.00	3.00	Ile Saint-Ours (Racon)	Lt. Iso(1)Y 2s15m5M (Racon M)	331.7	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 5. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 11.7kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13;10. XTD: P/0.05 S/0.05
				11.7					1.76	10.00	8.00	0.27		0.28					
ca479155	14	45 54.18N 073 13.21W	026	FAH	0.52	0 hrs 3 min	3044.4	261 hrs 18 min	11.3 1.96	10.00	3.00	Ile Saint-Ours (Racon)	Lt. Iso(1)Y 2s15m5M (Racon M)	240.0	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 5. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 11.7kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13;10. XTD: P/0.04 S/0.05
				11.7					1.76	10.00	8.00	0.27		0.44					
ca479155	15	45 54.67N 073 12.87W	002	FAH	2.27	0 hrs 12 min	3043.9	261 hrs 15 min	11.3 1.96	10.00	3.00	Ile Saint-Ours	Ile Saint-Ours (N) point	197.1	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 5. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 11.7kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13;10. XTD: P/0.06 S/0.05
				11.7					1.76	10.00	8.00	0.21		1.18					
ca479155	16	45 56.96N 073 12.73W	029	FAH	2.44	0 hrs 13 min	3041.6	261 hrs 4 min	11.3 1.96	10.00	3.00	Land (port/s)	Pier (stb/s)	033.0	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 5. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 11.7kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13;10. XTD: P/0.05 S/0.05
				11.7					1.76	10.00	8.00	0.27		0.95					
ca479155	17	45 59.08N 073 11.08W	015	FAH	3.4	0 hrs 17 min	3039.2	260 hrs 51 min	11.3 1.96	10.00	3.00	Terminal (p.s)	Ile aux Foins (S) point	246.0	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 5. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 11.7kn. Ice Navigation. Φ=46°00,9N λ=073°10,4W (Pep.point 23) Entry sector 4.Rep.to Montreal VTS on VHF 10; Quebec VTS on VHF 13 R/W on VHF Ch: 16;13;10. XTD: P/0.04 S/0.04
				11.7					1.76	10.00	8.00	0.24		0.55					

Chart No / Area	Waypoint No	Waypoint Lat. & Long.	Course	Engine Order / Speed	Distance and Time to Go: Next WPT Distance	Next WPT Time	Total Distance	Total Time	Depth: UKC / Req-ed UKC	ECDIS Parameters (OB for info only): Safety Depth (m) / Safety countor (m)	Safety Frame (min) / Shallow countor (m)	PI: Reference Mark / CIR (nm)	Wheel Over Position: Reference Mark	Bearing / Range (nm)	Position Fixing: Freq. (min)	Method: Primary	Method: 2nd	Current/ Tidal Stream: Set / Rate	Remarks/ Hazards/ Contingencies/ Master's Instructions
ca479155 ca579109	18	46 02.40N	052	FAH	0.8	0 hrs	3035.8	260 hrs	12.3	10.00	3.00	Pointe de Sorel	QIT-Fer et Titane pier No21 (corner)	089.0	6′	☐Visual	☐Visual		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 11.7kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.08 S/0.04
		073 09.80W				4 min		34 min	2.96							☐Radar	☐Radar		
				11.7					1.76	10.00	8.00	0.26		0.43		☐GPS	☐GPS		
																☐.....	☐.....		
ca579130 ca479155	19	46 02.91N	073	FAH	2.48	0 hrs	3035	260 hrs	10.7	10.00	3.00	Ile Saint Ignace pier	Sorel Tracy pier No6 (corner)	231.0	6′	☐Visual	☐Visual		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.05 S/0.04
		073 08.89W				15 min		29 min	1.64							☐Radar	☐Radar		
				10					1.3	10.00	8.00	0.36		0.95		☐GPS	☐GPS		
																☐.....	☐.....		
ca579130	20	46 03.60N	083	FAH	1.57	0 hrs	3032.5	260 hrs	10.7	10.00	3.00	Sainte Anne de Sorel BW	Yacht`s pier (p/s)-corner	148.8	6′	☐Visual	☐Visual		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.05 S/0.05
		073 05.57W				9 min		15 min	1.64							☐Radar	☐Radar		
				10					1.3	10.00	8.00	0.17		0.26		☐GPS	☐GPS		
																☐.....	☐.....		
ca479129 ca579130	21	46 03.81N	070	FAH	0.56	0 hrs	3031	260 hrs	10.7	10.00	3.00	Yacht`s pier (p/s)	Lt. FG 13m15M	313.6	6′	☐Visual	☐Visual		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. Passing Ile de Barques (Rep.point 22)- Report to Quebec VTS on VHF 13 .R/W on VHF Ch: 16;13. XTD: P/0.07 S/0.06
		073 03.29W				3 min		5 min	1.64							☐Radar	☐Radar		
				10					1.3	10.00	8.00	0.23	Lt. FG 14m5M	227.8		☐GPS	☐GPS		
																☐.....	☐.....		
ca479129	22	46 04.01N	052	FAH	3.27	0 hrs	3030.4	260 hrs	10.7	10.00	3.00	Ile des Barques	Pointe a Peco	075.4	6′	☐Visual	☐Visual		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.05 S/0.06
		073 02.49W				20 min		2 min	1.64							☐Radar	☐Radar		
				10					1.3	10.00	8.00	0.15		0.52		☐GPS	☐GPS		
																☐.....	☐.....		
ca479129	23	46 06.02N	039	FAH	1.38	0 hrs	3027.1	259 hrs	10.7	10.00	3.00	Ile aux Raisins (W) point	Ile de la pointe des Iles	067.7	6′	☐Visual	☐Visual		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.06 S/0.05
		072 58.82W				8 min		42 min	1.64							☐Radar	☐Radar		
				10					1.3	10.00	8.00	0.23		0.8		☐GPS	☐GPS		
																☐.....	☐.....		
ca479129	24	46 07.12N	013	FAH	1.93	0 hrs	3025.7	259 hrs	10.7	10.00	3.00	Le Banc de Sable	Iso(1)Y 2s14m5M	032.8	6′	☐Visual	☐Visual		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.07 S/0.05
		072 57.56W				12 min		34 min	1.64							☐Radar	☐Radar		
				10					1.3	10.00	8.00	0.46		0.66		☐GPS	☐GPS		
																☐.....	☐.....		

Chart No / Area	Waypoint No	Waypoint Lat. & Long.	Course	Engine Order / Speed	Distance and Time to Go: Next WPT Distance	Next WPT Time	Total Distance	Total Time	Depth: UKC / Req-ed UKC	ECDIS Parameters (OB for info only): Safety Depth (m) / Safety countor (m)	Safety Frame (min) / Shallow countor (m)	PI: Reference Mark / CIR (nm)	Wheel Over Position: Reference Mark	Bearing / Range (nm)	Freq. (min)	Position Fixing Method: Primary	2nd	Current/ Tidal Stream: Set / Rate	Remarks/ Hazards/ Contingencies/ Master's Instructions
ca479129	25	46 09.00N 072 46.95W	026	FAH 10	0.82	0 hrs 5 min	3023.8	259 hrs 22 min	10.7 1.64 1.3	10.00 10.00	3.00 8.00	Iso(1)Y 2s14m5M 0.11	Iso(1)Y 2s14m5M	172.6 0.2	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.07 S/0.06
ca479129	26	46 09.74N 072 56.42W	044	FAH 10	1.7	0 hrs 10 min	3023	259 hrs 17 min	10.7 1.64 1.3	10.00 10.00	3.00 8.00	Lt. FG 23m14M 0.48	Lt. Iso G(1) 11m5M	348.9 0.32	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.06 S/0.04
ca479129	27	46 11.00N 072 54.68W	053	FAH 10	0.51	0 hrs 3 min	3021.3	259 hrs 7 min	10.7 1.64 1.3	10.00 10.00	3.00 8.00	Lt. Iso G(1) 11m5M 0.26	Lt. Iso G(1) 11m5M	267.5 0.45	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.06 S/0.05
ca479129	28	46 11.30N 072 54.13W	062	FAH 10	0.67	0 hrs 4 min	3020.8	259 hrs 4 min	10.7 1.64 1.3	10.00 10.00	3.00 8.00	Lt. FG(1)12m12M 0.21	Lt. FG 21m12M	008.3 0.40	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.06 S/0.05
ca479129	29	46 11.60N 072 53.32W	070	FAH 10	3.14	0 hrs 19 min	3020.1	259 hrs 0 min	10.7 1.64 1.3	10.00 10.00	3.00 8.00	Lt. FG 21m12M 0.33	Lt. FG(1) 6s 2m5M Racon	231.2 0.51	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods.Before WP30 (Rep.point 21)- Report to Quebec VTS on VHF 13 .R/W on VHF Ch: 16;13. XTD: P/0.05 S/0.06
ca479129	30	46 12.68N 072 49.03W	056	FAH 10	5.17	0 hrs 31 min	3017	258 hrs 41 min	10.7 1.64 1.3	10.00 10.00	3.00 8.00	Pointe du Petit pier 2.67	Lt. FG 2s 2m5M	056.2 1.1	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.05 S/0.05
ca470014 ca479129	31	46 15.57N 072 42.84W	067	FAH 10	0.54	0 hrs 3 min	3011.8	258 hrs 10 min	10.7 1.64 1.3	10.00 10.00	3.00 8.00	Lt. FG 2s 2m5M 0.17	Lt. FG 2s 2m5M	049.4 0.57	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.06 S/0.06

Chart No / Area	Waypoint No	Waypoint Lat. & Long.	Course	Engine Order	Distance and Time to Go: Next WPT Distance	Next WPT Time	Total Distance	Total Time	Depth UKC	ECDIS Parameters (OB for info only): Safety Depth (m)	Safety Frame (min)	PI Reference Mark	Wheel Over Position: Reference Mark	Bearing	Position Fixing: Freq. (min)	Method Primary	Method 2nd	Current/ Tidal Stream Set	Remarks/ Hazards/ Contingencies/ Master's Instructions
	Actual Time Passed			Speed	Distance	Time	Distance	Time	Req-ed UKC	Safety countor (m)	Shallow countor (m)	CIR (nm)		Range (nm)				Rate	
ca470014	32	46 15.80N 072 42.09W	083	FAH	0.57	0 hrs 3 min	3011.3	258 hrs 7 min	10.7 1.64	10.00	3.00	Lt. FG 2s 2m5M	Lt. FG 2s 2m5M	335.0	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.07 S/0.07
				10					1.3	10.00	8.00	0.26		0.27					
ca470014	33	46 15.87N 072 41.32W	097	FAH	1.12	0 hrs 7 min	3010.7	258 hrs 4 min	10.7 1.64	10.00	3.00	Pointe de Hameau Lt.G Racon	Pointe de Hameau Lt.W Racon	116.4	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.07 S/0.07
				10					1.3	10.00	8.00	0.23		0.69					
ca470014	34	46 15.74N 072 39.72W	089	FAH	0.44	0 hrs 3 min	3009.6	257 hrs 57 min	10.7 1.64	10.00	3.00	Pointe de Hameau Lt.G Racon	Pointe de Hameau Lt.G Racon	149.9	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.07 S/0.07
				10					1.3	10.00	8.00	0.29		0.34					
ca470014	35	46 15.75N 072 39.07W	068	FAH	0.79	0 hrs 5 min	3009.1	257 hrs 54 min	10.7 1.64	10.00	3.00	Pointe de Hameau Lt.G Racon	Pointe de Hameau Lt.G Racon	227.4	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.07 S/0.07
				10					1.3	10.00	8.00	0.28		0.79					
ca470014	36	46 16.03N 072 38.03W	052	FAH	3.59	0 hrs 22 min	3008.3	257 hrs 50 min	10.7 1.64	10.00	3.00	Point aux Sables	Point aux Ormes	274.0	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Passing Pointe aux Sables (Rep p.20) . Passing Pointe aux Ormes (Rep.P. No19)- Rep.to Quebec VTS VHF 13.R/W on VHF Ch: 16;13. XTD: P/0.07 S/0.06
				10					1.3	10.00	8.00	0.12		0.4					
ca470014	37	46 18.26N 072 33.95W	041	FAH	0.75	0 hrs 5 min	3004.8	257 hrs 28 min	10.7 1.64	10.00	3.00	Aero R (land)	Lt. FG 8m17M	282.0	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. Bridge: Pont Laiolette sf.cl 48m φ=46°18,4N λ=072°33,7W .R/W on VHF Ch: 16;13. XTD: P/0.07 S/0.07
				10					1.3	10.00	8.00	0.37		0.4					
ca470014	38	46 18.84N 072 33.23W	025	FAH	0.77	0 hrs 5 min	3004	257 hrs 23 min	10.7 1.64	10.00	3.00	Trois-Riveres pier No 20 (S) corner	Aero R stb.side(N) point	162.2	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .El. Cables sf.cl=40.7m. R/W on VHF Ch: 16;13. XTD: P/0.07 S/0.07
				10					1.3	10.00	8.00	0.16		0.62					

Chart No / Area	Waypoint No	Waypoint Lat. & Long.	Course	Engine Order	Distance and Time to Go: Next WPT Distance	Next WPT Time	Total Distance	Total Time	Depth UKC	ECDIS Parameters (OB for info only): Safety Depth (m)	Safety Frame (min)	PI Reference Mark	Wheel Over Position: Reference Mark	Bearing	Position Fixing: Freq. (min)	Method Primary	Method 2nd	Current/ Tidal Stream Set	Remarks/ Hazards/ Contingencies/ Master's Instructions
	Actual Time Passed			Speed	Distance	Time	Distance	Time	Req-ed UKC	Safety countor (m)	Shallow countor (m)	CIR (nm)		Range (nm)				Rate	
ca579015 ca470014	39	46 19.57N 072 32.75W	049	FAH	1.55	0 hrs 9 min	3003.2	257 hrs 19 min	10.7 1.64	10.00	3.00	Des Ormeaux pier (N) point	Des Ormeaux pier (N) point	154.9	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.06 S/0.05
				10					1.3	10.00	8.00	0.29		0.31					
ca579015	40	46 20.55N 072 31.13W	038	FAH	1.86	0 hrs 11 min	3001.7	257 hrs 10 min	10.7 1.64	10.00	3.00	Cap-de-la Madeleine pier	Cap-de-la Madeleine	258.0	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods.R/W on VHF Ch: 16;13. XTD: P/0.05 S/0.05
				10					1.3	10.00	8.00	0.11		0.21					
ca579015	41	46 22.10N 072 29.41W	062	FAH	1.15	0 hrs 7 min	2999.8	256 hrs 58 min	10.7 1.64	10.00	3.00	Cap-de-la Madeleine BW (N)	Cap de l`Ause Lt.	098.6	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.06 S/0.05
				10					1.3	10.00	8.00	0.1		0.86					
ca470014 ca579015	42	46 22.59N 072 28.02W	076	FAH	1.23	0 hrs 7 min	2998.7	256 hrs 52 min	10.7 1.64	10.00	3.00	Ile Lamy (N) point	Pointe de Becancour (E) point	133.0	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.05 S/0.06
				10					1.3	10.00	8.00	0.18		0.31					
ca470014	43	46 22.89N 072 26.32W	066	FAH	0.3	0 hrs 2 min	2997.4	256 hrs 44 min	10.7 1.64	10.00	3.00	Pointe de Becancour (W) point	Pointe de Becancour (E) point	190.0	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.06 S/0.06
				10					1.3	10.00	8.00	0.18		0.32					
ca470014	44	46 23.02N 072 25.90W	050	FAH	3.16	0 hrs 19 min	2997.1	256 hrs 42 min	10.7 1.64	10.00	3.00	Port de Becancour BW (N)	Port de Becancour BW (N)	191.0	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.05 S/0.05
				10					1.3	10.00	8.00	0.41		0.64					
ca579016 ca470014	45	46 25.03N 072 22.40W	042	FAH	1.01	0 hrs 6 min	2994	256 hrs 23 min	10.7 1.64	10.00	3.00	Port de Becancour BW (N)	Port de Becancour BW (N)	211.0	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.05 S/0.06
				10					1.3	10.00	8.00	0.3		1.58					

Chart No / Area	Waypoint: No	Waypoint: Lat. & Long.	Course	Engine Order	Distance and Time to Go: Next WPT Distance	Next WPT Time	Total Distance	Total Time	Depth: UKC	ECDIS Parameters (OB for info only): Safety Depth (m)	Safety Frame (min)	PI: Reference Mark	Wheel Over Position: Reference Mark	Bearing	Position Fixing: Freq. (min)	Method: Primary	Method: 2nd	Current/ Tidal Stream: Set	Remarks/ Hazards/ Contingencies/ Master's Instructions
	Actual Time Passed			Speed					Req-ed UKC	Safety countor (m)	Shallow countor (m)	CIR (nm)		Range (nm)				Rate	
ca479014 ca579016	46	46 25.77N	052	FAH	0.39	0 hrs	2993	256 hrs	10.7	10.00	3.00	Champlain pier	Port de Becancour BW (N)	214.0	6′	☐Visual	☐Visual		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.05 S/0.06
		072 21.43W							1.64							☐Radar	☐Radar		
				10		2 min		17 min	1.3	10.00	8.00	0.07		1.96		☐GPS ☐.....	☐GPS ☐.....		
ca479014	47	46 26.02N	066	FAH	0.37	0 hrs	2992.6	256 hrs	10.7	10.00	3.00	Champlain pier	Lt. Fl(1)R 5s19m 6M	354.0	6′	☐Visual	☐Visual		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.07 S/0.07
		072 20.96W							1.64							☐Radar	☐Radar		
				10		2 min		15 min	1.3	10.00	8.00	0.19		0.26		☐GPS ☐.....	☐GPS ☐.....		
ca479014	48	46 26.17N	084	FAH	2.66	0 hrs	2992.2	256 hrs	10.7	10.00	3.00	Lt. FG 12m14M Racon K	Lt. FG 12m14M Racon K	130.8	6′	☐Visual	☐Visual		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.05 S/0.06
		072 20.46W							1.64							☐Radar	☐Radar		
				10		16 min		13 min	1.3	10.00	8.00	0.71		0.97		☐GPS ☐.....	☐GPS ☐.....		
ca479014	49	46 26.45N	069	FAH	0.32	0 hrs	2989.6	255 hrs	10.7	10.00	3.00	Lt. FG 12m14M Racon K	Lt. FG 12m14M Racon K	150.0	6′	☐Visual	☐Visual		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.07 S/0.06
		072 16.65W							1.64							☐Radar	☐Radar		
				10		2 min		57 min	1.3	10.00	8.00	0.82		0.83		☐GPS ☐.....	☐GPS ☐.....		
ca479014	50	46 26.58N	040	FAH	0.67	0 hrs	2989.2	255 hrs	10.7	10.00	3.00	Lt. FG 12m14M Racon K	Lt. FG 12m14M Racon K	183.0	6′	☐Visual	☐Visual		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.07 S/0.07
		072 16.15W							1.64							☐Radar	☐Radar		
				10		4 min		55 min	1.3	10.00	8.00	0.7		1.17		☐GPS ☐.....	☐GPS ☐.....		
ca479014	51	46 27.06N	029	FAH	1.31	0 hrs	2988.6	255 hrs	10.7	10.00	3.00	Pointe a la Citronille	Lt. FG 12m14M Racon K	197.0	6′	☐Visual	☐Visual		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.06 S/0.07
		072 15.57W							1.64							☐Radar	☐Radar		
				10		8 min		51 min	1.3	10.00	8.00	0.26		2.42		☐GPS ☐.....	☐GPS ☐.....		
ca479014	52	46 28.22N	018	FAH	2.3	0 hrs	2987.3	255 hrs	10.7	10.00	3.00	Batiscan BW (N)	Batiscan BW (N)	250.0	6′	☐Visual	☐Visual		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. Passing Batiscan point (Rep. P. No17):Rep.to Quebec VTS VHF 13.R/W on VHF Ch: 16;13. XTD: P/0.06 S/0.05
		072 14.66W							1.64							☐Radar	☐Radar		
				10		14 min		43 min	1.3	10.00	8.00	0.61		0.77		☐GPS ☐.....	☐GPS ☐.....		

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Chart No / Area	Waypoint No	Waypoint Lat. & Long.	Course	Engine Order	Distance and Time to Go: Next WPT Distance	Next WPT Time	Total Distance	Total Time	Depth UKC	ECDIS Parameters (OB for info only): Safety Depth (m)	Safety Frame (min)	PI Reference Mark	Wheel Over Position: Reference Mark	Bearing	Position Fixing: Freq. (min)	Method Primary	Method 2nd	Current/ Tidal Stream Set	Remarks/ Hazards/ Contingencies/ Master's Instructions
	Actual Time Passed			Speed					Req-ed UKC	Safety countor (m)	Shallow countor (m)	CIR (nm)		Range (nm)				Rate	
ca479014	53	46 30.43N 072 13.63W	039	FAH	0.82	0 hrs 5 min	2985	255 hrs 29 min	10.7 1.64	10.00	3.00	Saint-Pierre-les Bacquets (N)point	Saint-Pierre-les Bacquets (N)point	138.0	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.07 S/0.06
				10					1.3	10.00	8.00	0.65		0.66					
ca479017 ca479014	54	46 31.09N 072 12.86W	054	FAH	0.62	0 hrs 4 min	2984.1	255 hrs 24 min	10.7 1.64	10.00	3.00	Saint-Pierre-les Bacquets (N)point	Saint-Pierre-les Bacquets (N)point	182.0	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.06 S/0.05
				10					1.3	10.00	8.00	0.7		0.88					
ca479017	55	46 31.44N 072 12.16W	060	FAH	1.15	0 hrs 7 min	2983.5	255 hrs 21 min	10.7 1.64	10.00	3.00	Port. Side/ Land	Saint-Pierre-les Bacquets (N)point	215.0	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.06 S/0.05
				10					1.3	10.00	8.00	1.27		1.79					
ca479017	56	46 32.00N 072 10.73W	047	FAH	1.73	0 hrs 10 min	2982.4	255 hrs 14 min	10.7 1.64	10.00	3.00	Ile de la Batture sign	Ile de la Batture sign	343.0	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.05 S/0.05
				10					1.3	10.00	8.00	0.87		0.96					
ca479017	57	46 33.17N 072 08.91N	055	FAH	0.67	0 hrs 4 min	2980.6	255 hrs 3 min	10.7 1.64	10.00	3.00	Capa la Roche	Ile de la Batture sign	303.0	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.04 S/0.06
				10					1.3	10.00	8.00	0.41		0.97					
ca479017	58	46 33.56N 072 08.10W	067	FAH	0.68	0 hrs 4 min	2980	254 hrs 59 min	10.7 1.64	10.00	3.00	Capa la Roche	Ile de la Batture sign	279.0	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.04 S/0.05
				10					1.3	10.00	8.00	0.87		1.45					
ca479017	59	46 33.85N 072 07.15W	084	FAH	0.69	0 hrs 4 min	2979.3	254 hrs 55 min	10.7 1.64	10.00	3.00	Stb. side/ BW	Stb. side /Corner of BW (E)	174.0	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.04 S/0.05
				10					1.3	10.00	8.00	0.22		0.24					

Chart No / Area	Waypoint No	Waypoint Lat. & Long.	Course	Engine Order	Distance and Time to Go: Next WPT Distance	Next WPT Time	Total Distance	Total Time	Depth UKC	ECDIS Parameters (OB for info only): Safety Depth (m)	Safety Frame (min)	PI Reference Mark	Wheel Over Position: Reference Mark	Bearing	Position Fixing: Freq. (min)	Method Primary	Method 2nd	Current/ Tidal Stream Set	Remarks/ Hazards/ Contingencies/ Master's Instructions
	Actual Time Passed			Speed	Distance	Time	Distance	Time	Req-ed UKC	Safety countor (m)	Shallow countor (m)	CIR (nm)		Range (nm)				Rate	
ca479017	60	46 33.92N 072 06.18W	093	FAH	1.1	0 hrs 7 min	2978.6	254 hrs 51 min	10.7 1.64	10.00	3.00	Stb. side/ BW	Stb. side/ BW	259.2	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.05 S/0.06
				10					1.3	10.00	8.00	0.25	Lt. FG 40m17M	208.1					
ca479017	61	46 33.86N 072 04.59W	079	FAH	0.59	0 hrs 4 min	2977.5	254 hrs 44 min	10.7 1.64	10.00	3.00	Cap Charles	Lt. FG 40m17M	233.6	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.05 S/0.05
				10					1.3	10.00	8.00	0.28	Lt. F(1)g 4s11m6M	260.1					
ca479017	62	46 33.97N 072 03.71W	059	FAH	2.92	0 hrs 18 min	2976.9	254 hrs 41 min	10.7 1.64	10.00	3.00	Leclevcville BW	Lt. Iso (1)G 2s22m6M	123.4	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. Passing Groudines point (Rep. P. No16):Rep.to Quebec VTS VHF 13.R/W on VHF Ch: 16;13. XTD: P/0.06 S/0.05
				10					1.3	10.00	8.00	0.91	Lt. FG 39m15M	226.8					
ca479017	63	46 35.50N 072 00.13W	043	FAH	1.24	0 hrs 7 min	2974	254 hrs 23 min	14.2 5.14	10.00	3.00	La Vieille- Eglise BW	Lt. FW 41m20M	089.2	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.07 S/0.07
				10					1.3	10.00	8.00	0.43	Lt. Iso (1)G 2s22m6M	192.2					
ca479017	64	46 36.42N 071 58.87W	054	FAH	2.88	0 hrs 17 min	2972.7	254 hrs 16 min	10.7 1.64	10.00	3.00	La Vieille- Eglise BW	Lt. FY 6m16M	053.9	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.06 S/0.04
				10					1.3	10.00	8.00	0.28		0.91					
ca479017	65	46 38.11N 071 55.48W	042	FAH	1.81	0 hrs 11 min	2969.9	253 hrs 59 min	10.7 1.64	10.00	3.00	Lt. FG 6m16M	Lt. FG 6m16M	212.0	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.05 S/0.05
				10					1.3	10.00	8.00	0.16		0.93					
ca479017	66	46 39.44N 071 53.74W	028	FAH	1	0 hrs 6 min	2968.1	253 hrs 48 min	12.5 3.44	10.00	3.00	Land- port side	Port Neuf BW (S) point	027.4	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 11.7kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.07 S/0.07
				10					1.3	10.00	8.00	0.35		0.71					

Chart No / Area	Waypoint No	Waypoint Lat. & Long.	Course	Engine Order	Distance and Time to Go: Next WPT Distance	Next WPT Time	Total Distance	Total Time	Depth UKC	ECDIS Parameters (OB for info only): Safety Depth (m)	Safety Frame (min)	PI Reference Mark	Wheel Over Position: Reference Mark	Bearing	Position Fixing: Freq. (min)	Method: Primary	Method: 2nd	Current/ Tidal Stream Set	Remarks/ Hazards/ Contingencies/ Master's Instructions
	Actual Time Passed			Speed	Distance	Time	Distance	Time	Req-ed UKC	Safety countor (m)	Shallow countor (m)	CIR (nm)		Range (nm)				Rate	
ca479017	67	46 40.36N 071 53.03W	055	FAH	0.72	0 hrs 4 min	2967.1	253 hrs 42 min	15.8 6.74	10.00	3.00	Port Neuf BW	Port Neuf BW	317.0	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 11.7kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.07 S/0.07
				10					1.3	10.00	8.00	0.25		0.26					
ca479017	68	46 40.77N 071 52.15W	080	FAH	0.42	0 hrs 3 min	2966.3	253 hrs 37 min	32 22.94	10.00	3.00	Port Neuf BW	Port Neuf BW	274.4	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 11.7kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.07 S/0.07
				10					1.3	10.00	8.00	0.13		0.57					
ca479017	69	46 40.85N 071 51.56W	094	FAH	0.46	0 hrs 3 min	2965.9	253 hrs 35 min	23.7 14.64	10.00	3.00	Pointe Platon	Pointe Platon	158.0	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 11.7kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.07 S/0.07
				10					1.3	10.00	8.00	0.55		0.62					
ca479017	70	46 40.81N 071 50.92W	117	FAH	5.45	0 hrs 33 min	2965.5	253 hrs 32 min	10.7 1.64	10.00	3.00	Cap Sante point	Stb. side(Land)	234.0	10′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 10,2kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.06 S/0.06
				10					1.3	10.00	8.00	0.53	Lt. FW 60m20M	117.0					
ca479017	71	46 38.31N 071 43.77W	085	FAH	1.44	0 hrs 7 min	2960	252 hrs 59 min	13.1 3.76	10.00	3.00	Sainte-Croix point	Lt. FG 75m20M	165.2	10′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 11.7kn. Ice Navigation. Position fix by various methods. Passing Les Ecureuils point (Rep. P. No15):Rep.to Quebec VTS VHF 13.R/W on VHF Ch: 16;13. XTD: P/0.04 S/0.06
				11.7					1.76	10.00	8.00	0.35	Lt. Iso W	240.6					
ca479017	72	46 38.44N 071 41.81W	072	FAH	2.41	0 hrs 12 min	2958.6	252 hrs 52 min	11.1 1.76	10.00	3.00	Les Ecureuils point	Les Ecureuils point	293.0	15′ 10′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 11.7kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.07 S/0.07
				11.7					1.76	10.00	8.00	1.47		2.2					
ca479020 ca479017	73	46 39.20N 071 38.43W	057	FAH	1.53	0 hrs 8 min	2956.2	252 hrs 40 min	12.1 2.76	10.00	3.00	Les Ecureuils point	Pointe du Chalet des Phares	086.6	15′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 11.7kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.11 S/0.11
				11.7					1.76	10.00	8.00	1.63		1.2					

Chart No / Area	Waypoint No	Waypoint Lat. & Long.	Course	Engine Order	Distance and Time to Go: Next WPT Distance	Next WPT Time	Total Distance	Total Time	Depth UKC	ECDIS Parameters (OB for info only): Safety Depth (m)	Safety Frame (min)	PI Reference Mark	Wheel Over Position: Reference Mark	Bearing	Position Fixing: Freq. (min)	Method: Primary	Method: 2nd	Current/ Tidal Stream Set	Remarks/ Hazards/ Contingencies/ Master's Instructions
	Actual Time Passed			Speed					Req-ed UKC	Safety countor (m)	Shallow countor (m)	CIR (nm)		Range (nm)				Rate	
ca479020	74	46 40.04N 071 36.58W	069	FAH	2.17	0 hrs 11 min	2954.6	252 hrs 32 min	11.1 1.76	10.00	3.00	Pointe aux Trembes BW	Lt. Fl(1) 5s10m20M	339.7	15′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 11.7kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.07 S/0.07
				11.7					1.76	10.00	8.00	1.07	Lt. FG17m15M	223.5					
ca479020	75	46 40.82N 071 33.56W	048	FAH	1.75	0 hrs 9 min	2952.5	252 hrs 21 min	12.7 3.36	10.00	3.00	Pointe aux Trembes BW	Pointe aux Trembes BW (E) point	268.0	15′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 11.7kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13. XTD: P/0.02 S/0.07
				11.7					1.76	10.00	8.00	1.08		1.7					
ca479020	76	46 42.00N 071 31.67W	078	FAH	7.36	0 hrs 38 min	2950.7	252 hrs 12 min	11.2 1.86	10.00	3.00	Pointe Deschambault	Pointe Descham-bault	312.0	15′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 4. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 11.7kn. Ice Navigation. Position fix by various methods. Passing Pointe Saint Nicolas (Rep. P. No14) Entry Sector 3:Rep.to Quebec VTS VHF 13;12.R/W on VHF Ch: 16;13;12. XTD:
				11.7					1.76	10.00	8.00	0.55		1.0					
ca579224 ca479020	77	46 43.59N 071 21.13W	050	FAH	0.87	0 hrs 4 min	2943.3	251 hrs 34 min	18.6 9.26	10.00	3.00	Pointe a Basile	Pointe Descham-bault	270.0	20′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 3. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 15.9kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13;12. XTD: P/0.07 S/0.07
				11.7					1.76	10.00	8.00	0.38		1.23					
ca579081 ca579224	78	46 44.13N 071 20.20W	073	FAH	2.24	0 hrs 11 min	2942.5	251 hrs 30 min	27.2 17.86	10.00	3.00	Pond de Quebec	Ponte de Quebec (stb./s) puncheon	139.4	15′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 3. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 15.9kn. Ice Navigation. Position fix by various methods. .R/W on VHF Ch: 16;13;12. XTD: P/0.07 S/0.07
				11.7					1.76	10.00	8.00	0.15		0.17					
ca579081	79	46 44.77N 071 17.15W	061	FAH	1.21	0 hrs 6 min	2940.2	251 hrs 18 min	21.3 11.96	10.00	3.00	Cap Anderson (NW) point	Port side (Land)	274.0	10′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 3. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 15.9kn. Ice Navigation. Position fix by various methods. R/W on VHF Ch: 16;13;12. XTD: P/0.06 S/0.08
				11.7					1.76	10.00	8.00	0.31		0.34					

Chart No / Area	Waypoint No	Waypoint Lat. & Long.	Course	Engine Order	Distance and Time to Go: Next WPT Distance	Next WPT Time	Total Distance	Total Time	Depth UKC	ECDIS Parameters (OB for info only): Safety Depth (m)	Safety Frame (min)	PI Reference Mark	Wheel Over Position: Reference Mark	Bearing	Position Fixing: Freq. (min)	Method Primary	Method 2nd	Current/ Tidal Stream Set	Remarks/ Hazards/ Contingencies/ Master's Instructions
	Actual Time Passed			Speed	Distance	Time	Distance	Time	Req-ed UKC	Safety countor (m)	Shallow countor (m)	CIR (nm)		Range (nm)				Rate	
ca579003 ca579081	80	46 45.36N 071 15.60W	047	FAH	3.18	0 hrs 16 min	2939	251 hrs 12 min	17.3 7.96	10.00	3.00	Anse Frechette pier	Lt. Fl(1)G 4s(priv)	090.0	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 3. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 15.9kn. Ice Navigation. Position fix by various methods. Passing Pointe a Puiseaux (Rep.point 13) Rep.to Quebec VTS on VHF 12.R/W on VHF Ch: 16;13;12. XTD: P/0.15 S/0.12
				11.7					1.76	10.00	8.00	0.28		0.32					
ca579003	81	46 47.53N 071 12.23W	019	FAH	2.05	0 hrs 11 min	2935.8	250 hrs 56 min	17.7 8.36	10.00	3.00	Berth No 81 (Stb. Side)	Pointe a Carcy	240.3	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 3. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 15.9kn. Ice Navigation. Position fix by various methods. Passing Berth No94 (Rep.point 12) Rep.to Quebec VTS on VHF 12.R/W on VHF Ch: 16;13;12. XTD: P/0.17 S/0.06
				11.7					1.76	10.00	8.00	0.24		0.46					
ca479082 ca579003	82	46 49.52N 071 11.26W	043	FAH	1.36	0 hrs 7 min	2933.8	250 hrs 45 min	35 25.66	10.00	3.00	Battures De Beauport	Lt. Fl(1)R 4s (priv)	154.6	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 3. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 15.9kn. Ice Navigation. Position fix by various methods. R/W on VHF Ch: 16;13;12. XTD: P/0.11 S/0.11
				11.7					1.62	10.00	8.00	0,44		0.42					
ca479082	83	046 50.55N 071 09.86W	093	FAH	3.92	0 hrs 20 min	2932.4	250 hrs 38 min	17.2 7.86	10.00	3.00	Ause du Fort Lt. Fl(1)Y 5s 15m19M	Ause du Fort Lt. Fl(1)Y 5s 15m19M	278.4	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 3. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 15.9kn. Ice Navigation. Position fix by various methods. Passing Ile D`Orlean Lt.(Rep. P. No11) :Rep.to Quebec VTS VHF 12.R/W on VHF Ch: 16;13;12. XTD: P/0.11 S/0.10
				11.7					1.62	10.00	8.00	0,22		2.4					
ca479082	84	46 50.34N 071 04.23W	072	FAH	3.95	0 hrs 20 min	2928.5	250 hrs 18 min	17.1 7.76	10.00	3.00	Lt. Fl Q5s 14m12M	Lt. Fl Q5s 14m12M	268.2	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 3. Under Pilotage.** BSWII.BNWAS Off.Man st. 2 S/G Saf.sp.15.9kn.Ice Navigation. φ=46°50,55N λ=071°03,30W El cables vcl 50.4m. At buoy K147 (Rep. P. No10) :Rep.to Quebec VTS VHF 12.R/W on VHF Ch: 16;13;12. XTD: P/0.11 S/0.11
				11.7					1.62	10.00	8.00	0,22		0.83					
ca479082	85	46 51.56N 070 58.72W	054	FAH	4.61	0 hrs 24 min	2924.6	249 hrs 58 min	12.5 3.16	10.00	3.00	Ile D`Orleans pier	Ile D`Orleans pier	346.7	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 3. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 15.9kn. Ice Navigation. Position fix by various methods. R/W on VHF Ch: 16;13;12. XTD: P/0.12 S/0.12
				11.7					1.62	10.00	8.00	0,7		0.76					
ca479025 ca479082	86	46 54.29N 070 53.30W	033	FAH	11.4	0 hrs 58 min	2920	249 hrs 34 min	12.5 3.16	10.00	3.00	Lt. Fl(1)W 5s11m20M	Bank du Cap Brule	033.3	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 3. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 15.9kn. Ice Navigation. Position fix by various methods. R/W on VHF Ch: 16;13;12. XTD: P/0.07 S/0.08
				11.7					1.62	10.00	8.00	0,26		2.05					

Chart No / Area	Waypoint No	Waypoint Lat. & Long.	Course	Engine Order	Distance and Time to Go: Next WPT Distance	Next WPT Time	Total Distance	Total Time	Depth UKC	ECDIS Parameters (OB for info only): Safety Depth (m)	Safety Frame (min)	PI Reference Mark	Wheel Over Position: Reference Mark	Bearing	Position Fixing: Freq. (min)	Method Primary	Method 2nd	Current/ Tidal Stream Set	Remarks/ Hazards/ Contingencies/ Master's Instructions
	Actual Time Passed			Speed					Req-ed UKC	Safety countor (m)	Shallow countor (m)	CIR (nm)		Range (nm)				Rate	
ca479025	87	47 03.80N 070 44.16W	024	FAH	3.09	0 hrs 16 min	2908.6	248 hrs 36 min	12.5 3.16	10.00	3.00	Bank du Cap Brule	Bank du cap Brule	167.2	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 3. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 15.9kn. Ice Navigation. Position fix by various methods. R/W on VHF Ch: 16;13;12. XTD: P/0.07 S/0.07
				11.7					1.62	10.00	8.00	0,30		0.66					
ca479025	88	47 06.63N 070 42.32W	033	FAH	3.34	0 hrs 17 min	2905.5	248 hrs 20 min	12.5 3.16	10.00	3.00	Cap Gribane	Rocher de Neptune Isl. (N)point	079.9	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 3. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 15.9kn. Ice Navigation. Position fix by various methods. R/W on VHF Ch: 16;13;12. XTD: P/0.08 S/0.08
				11.7					1.62	10.00	8.00	0,32		2.28					
ca479025	89	47 09.40N 070 39.65W	041	FAH	3.65	0 hrs 19 min	2902.1	248 hrs 3 min	12.5 3.16	10.00	3.00	Pointe d Alliance	Rocher de Neptune Isl. (N)point	183.5	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 3. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 15.9kn. Ice Navigation. Position fix by various methods. Passing Sault-au Cochon (Rep. P. No9) :Rep.to Quebec VTS VHF 12.R/W on VHF Ch: 16;13;12. XTD: P/0.13 S/0.09
				11.7					1.62	10.00	8.00	0,58		2.30					
ca479021 ca479025	90	47 12.15N 070 36.10W	034	FAH	4.64	0 hrs 24 min	2898.5	247 hrs 44 min	18.5 9.16	10.00	3.00	Cap Mailard	Ilot a Chatigny Isl (N) point	109.6	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 3. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 15.9kn. Ice Navigation. Position fix by various methods. R/W on VHF Ch: 16;13;12. XTD: P/0.30 S/0.30
				11.7					1	10.00	8.00	1,21		4.45					
ca479021	91	47 16.01N 070 32.35W	024	FAH	9.99	0 hrs 51 min	2893.8	247 hrs 20 min	15 5.66	10.00	3.00	Lt. Fl(1)W 2s16m16M	Lt. Fl(1)W 2s16m16M	138.8	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 3. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 15.9kn. Ice Navigation. Position fix by various methods. R/W on VHF Ch: 16;13;12. XTD: P/0.28 S/0.23
				11.7					1	10.00	8.00	0,54		0.57					
ca479021	92	47 25.17N 070 26.30W	055	FAH	1.25	0 hrs 6 min	2883.8	246 hrs 29 min	20 10.66	10.00	3.00	Lt. Fl(1)W 2s16m16M	Lt. Fl(1)W 2s16m16M	205.1	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 3. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 15.9kn. Ice Navigation. Position fix by various methods. R/W on VHF Ch: 16;13;12. XTD: P/0.30 S/0.30
				11.7					1	10.00	8.00	0,70		1.35					
ca479021	93	47 25.90N 070 24.76W	079	FAH	7.7	0 hrs 39 min	2882.6	246 hrs 23 min	30 20.66	10.00	3.00	Lt. Iso(1)G. 2s13m7M	Cap aux Oies	359.0	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 3. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 15.9kn. Ice Navigation. Position fix by various methods. R/W on VHF Ch: 16;13;12. XTD: P/0.25 S/0.30
				11.7					1	10.00	8.00	0,62		1.91					

Chart No / Area	Waypoint No	Waypoint Lat. & Long.	Course	Engine Order	Distance and Time to Go: Next WPT Distance	Next WPT Time	Total Distance	Total Time	Depth UKC	ECDIS Parameters (OB for info only): Safety Depth (m)	Safety Frame (min)	PI Reference Mark	Wheel Over Position: Reference Mark	Bearing	Position Fixing: Freq. (min)	Method Primary	Method 2nd	Current/ Tidal Stream Set	Remarks/ Hazards/ Contingencies/ Master's Instructions
	Actual Time Passed			Speed	Distance	Time	Distance	Time	Req-ed UKC	Safety countor (m)	Shallow countor (m)	CIR (nm)		Range (nm)				Rate	
ca479021	94	47 27.38N 070 13.51W	035	FAH 11.7	8.75	0 hrs 45 min	2874.9	245 hrs 43 min	17.7 8.36 1	10.00 10.00	3.00 8.00	Pointe aux Orignaux 5,68	Pointe Saint-Denis	131.7 6.41	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 3. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 15.9kn. Ice Navigation. Position fix by various methods. Passing Cap aux Oies (Rep point 8): Rep.to Quebec VTS VHF 12. R/W on VHF Ch: 16;13;12. XTD: P/0.50 S/0.50
ca379029 ca479021	95	47 34.46N 070 06.29W	040	FAH 11.7	15.09	1 hrs 17 min	2866.1	244 hrs 58 min	16.4 7.06 1	10.00 10.00	3.00 8.00	Gros cap a laigle 1,41	Pointe des Rochers	280.0 1.53	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 3. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 15.9kn. Ice Navigation. Position fix by various methods. R/W on VHF Ch: 16;13;12. XTD: P/0.50 S/0.50
ca379029 ca479021	96	47 46.07N 069 51.95W	029	FAH 11.7	14.84	1 hrs 16 min	2851.1	243 hrs 41 min	34 24.66 1	10.00 10.00	3.00 8.00	Pointe des Rochers 1.45	Port de Gos BW (S)	115.3 7.6	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 3. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 15.9kn. Ice Navigation. Passing Cap du Basque (Rep p.7)Entry sector 2: Rep.to Quebec VTS VHF 12; Les Escoumins VTS VHF 9 R/W on VHF Ch: 16;13;09;12. XTD: P/0.50 S/0.50
ca379323 ca379029	97	47 59.14N 069 41.30W	061	FAH 11.7	8.64	0 hrs 44 min	2836.2	242 hrs 25 min	20 20.66 1	10.00 10.00	3.00 8.00	Ile Rouge (S) point 1,65	Ile Rouge (S) point	290.9 2.15	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 2. Under Pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 15.9kn. Ice Navigation. Position fix by various methods. R/W on VHF Ch: 16;13;09. XTD: P/0.80 S/0.50
ca379323 ca479053	98	48 03.46N 069 29.85W	017	FAH 11.7	15.18	1 hrs 18 min	2827.6	241 hrs 40 min	38 28.66 3	10.00 10.00	3.00 8.00	Ile Rouge 2.35	Lt. Fl(1)Y 6s18m 19M	326.6 1.83	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 2. Under pilotage.** BSW II. BNWAS Off.Man st. 2 S/G Saf. sp. 15.9kn. Ice Navigation.Passing Ile Rouge (Rep.p.6); Poite a Caprang(Rep point 5A):rep to Les Esc VTS VHF 09.R/W on VHF Ch: 16;13;09. XTD: P/0.80 S/0.80
ca379232 ca479053	99	48 18.35N 069 22.92W	084	FAH 11.7	7.1	0 hrs 36 min	2812.4	240 hrs 23 min	252 >5 5	11.00 11.00	6.00 8.00	Lt. Fl(1)Y 6s18m 19M 0.9	Lt. Fl(1)Y 6s18m 19M	270.6 7.69	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 2.** Pilot Off. BSW I. BNWAS On. Man st. 1 S/G Saf. sp. 15.9kn. Echosounder on. Ice Navigation. Position fix by various methods. R/W on VHF Ch: 16;13;09. XTD: P/0.80 S/0.50
ca379232 ca479099	100	48 19.12N 069 12.30W	049	FAH 11.7	12	1 hrs 2 min	2805.3	239 hrs 46 min	172 >5 5	11.00 11.00	6.00 8.00	Ile Bicquette 3.85	Ile Bicquette	114.0 4.24	6′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**S. Lavrence River. Sector 2.** BSW I. BNWAS On. Auto st. 1 S/G Saf. sp. 15.9kn. Ice Navigation. Passing p. Au Boisvert (rep.p.4B): rep to Les Esc VTS VHF 09.R/W on VHF Ch: 16;13;14;09. XTD: P/0.80 S/0,50

Chart No / Area	Waypoint No	Waypoint Lat. & Long.	Course	Engine Order	Distance and Time to Go: Next WPT Distance	Next WPT Time	Total Distance	Total Time	Depth UKC	ECDIS Parameters (OB for info only): Safety Depth (m)	Safety Frame (min)	PI Reference Mark	Wheel Over Position: Reference Mark	Bearing	Position Fixing: Freq. (min)	Method Primary	Method 2nd	Current/ Tidal Stream Set	Remarks/ Hazards/ Contingencies/ Master's Instructions
	Actual Time Passed			Speed					Req-ed UKC	Safety countor (m)	Shallow countor (m)	CIR (nm)		Range (nm)				Rate	
ca479099 ca379232 ca279037	101	48 26.72N	057	FAH	61.19	5 hrs	2793.3	238 hrs	25.5	11.00	6.00	Ile Bicquette	Matane BW	151.5	10′	☐Visual	☐Visual		**S. Lavrence River. Entry sector 2.** BSW I. BNWAS On. Position fix by various methods.Auto st. 1 S/G Saf. sp. 15.9kn. Ice Navigation. Passing Baie-des Sables: Entry sector 1(Rep.p.3B)-rep. To Esc VTS VHF 09;14.R/W on VHF Ch:16;13;14;09. XTD: P/1,00 S/0.70
		068 59.26W				14 min		45 min								☐Radar	☐Radar		
				11.7					5	11.00	8.00	3.55		10.2		☐GPS	☐GPS		
																☐.....	☐.....		
ca279037 ca579055	102	49 00.02N	070	FAH	38.96	3 hrs	2732.1	233 hrs	294	11.00	6.00	Matane BW	Cap-Chat BW	155.5	10′	☐Visual	☐Visual		**Gulf of S. Lavrence. Sector 1.** BSW I. BNWAS On. Position fix by various methods.Auto steering. 1 S/G Units in operation. Safety speed 15.9kn. Ice Navigation.Passing point Des Monts(Rep.p.2B): Rep to Les Esc VTS on VHF 14 R/W on VHF Ch: 16;13;14. XTD:
		067 41.73W				20 min		31 min	>5							☐Radar	☐Radar		
				11.7					5	11.00	8.00	10.1		8.25		☐GPS	☐GPS		
																☐.....	☐.....		
ca279037 ca579055 ca279044	103	49 13.59N	075	FAH	31.62	2 hrs	2693.1	230 hrs	288	11.00	6.00	Cap au Renard	Point des Bernier	157.7	20′	☐Visual	☐Visual		**Gulf of S. Lavrence. Sector 1.** BSW I. BNWAS On. Position fix by various methods.Auto steering. 1 S/G Units in operation. Safety speed 15.9kn. Ice Navigation. At point des Bernier- Exit sector 1:Rep to Les Esc VTS on VHF 14 R/W on VHF Ch: 16;13. XTD: P/0.90 S/0.70
		066 46.30W				42 min		11 min	>5							☐Radar	☐Radar		
				11.7					5	11.00	8.00	7.23		8.97		☐GPS	☐GPS		
																☐.....	☐.....		
ca279044	104	49 22.00N	076	FAH	6.21	0 hrs	2661.5	227 hrs	288	11.00	6.00	Cap au Renard	Point des Bernier	195.0	20′	☐Visual	☐Visual		**Gulf of S. Lavrence.** BSW I. BNWAS On. Position fix by various methods.Auto steering. 1 S/G Units in operation. Safety speed 15.9kn. Ice Navigation. R/W on VHF Ch: 16;13. XTD: P/1,00 S/0,70
		065 59.80W				32 min		29 min	>5							☐Radar	☐Radar		
				11.7					5	11.00	8.00	7.23		10.17		☐GPS	☐GPS		
																☐.....	☐.....		
ca279044	105	49 23.56N	095	FAH	60.31	5 hrs	2655.3	226 hrs	300	11.00	6.00	Cap de la Madeleine			20′	☐Visual	☐Visual		**Gulf of S. Lavrence.** BSW I. BNWAS On. Position fix by various methods.Auto steering. 1 S/G Units in operation. Safety speed 15.9kn. Ice Navigation. R/W on VHF Ch: 16;13. XTD: P/1,00 S/0,70
		065 50.23W				9 min		57 min	>5							☐Radar	☐Radar		
				11.7					5	11.00	8.00	6.71				☐GPS	☐GPS		
																☐.....	☐.....		
ca279044 ca279075	106	49 18.34N	116	FAH	22.75	1 hrs	2595	221 hrs	372	11.00	6.00				20′	☐Visual	☐Visual		**Gulf of S. Lavrence.** BSW I. BNWAS On. Position fix by various methods.Auto steering. 1 S/G Units in operation. Safety speed 15.9kn. Ice Navigation. R/W on VHF Ch: 16;13. XTD: P/1.00 S/0,80
		064 18.44W				57 min		48 min	>5							☐Radar	☐Radar		
				11.7					5	11.00	8.00					☐GPS	☐GPS		
																☐.....	☐.....		
ca279075 ca276271 ca379216	107	49 08.36N	121	FAH	126.18	10 hrs	2572.3	219 hrs	200	11.00	6.00	Flint I Isl.	Rocher aux Oiseaus Isl. (NE) point	191.2	20′ 30′ 20′	☐Visual	☐Visual		**Gulf of S. Lavrence.** BSW I. BNWAS On. Position fix by various methods.Auto steering. 1 S/G Units in operation. Safety speed 15.9kn. Ice Navigation. R/W on VHF Ch: 16;13. XTD: P/1.00 S/0,80
		063 47.25W				47 min		51 min	>5							☐Radar	☐Radar		
				11.7					5	11.00	8.00	12.16		13.07		☐GPS	☐GPS		
																☐.....	☐.....		

Chart No / Area	Waypoint No	Waypoint Lat. & Long.	Course	Engine Order	Distance and Time to Go: Next WPT Distance	Next WPT Time	Total Distance	Total Time	Depth UKC	ECDIS Parameters (OB for info only): Safety Depth (m)	Safety Frame (min)	PI Reference Mark	Wheel Over Position: Reference Mark	Bearing	Position Fixing: Freq. (min)	Method Primary	Method 2nd	Current/ Tidal Stream Set	Remarks/ Hazards/ Contingencies/ Master's Instructions
	Actual Time Passed			Speed					Req-ed UKC	Safety countor (m)	Shallow countor (m)	CIR (nm)		Range (nm)				Rate	
ca276271 ca379216 ca376167	108	48 03.05N 061 04.52W	150	FAH 11.7	65.92	5 hrs 38 min	2446.1	209 hrs 4 min	55 45.19 5	11.00 11.00	6.00 8.00	Rocher aux Oiseaus Isl. (NE) point 8.8	Cape North	230.0 7.43	15' 30'	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**North Atlantic Ocean.** BSW I. BNWAS On. Position fix by various methods.Auto steering. 1 S/G Units in operation. Safety speed 15.9kn. Ice Navigation. R/W on VHF Ch: 16;13. XTD: P/1,00 S/1,00
ca376167 ca376093 ca276271	109	47 06.49N 060 14.94W	145	FAH 11.7	64.21	5 hrs 29 min	2380.2	203 hrs 26 min	64 54.19 5	11.00 11.00	6.00 8.00	St. Paul Island (S) point 5.52	Flint Island (S) point	259.1 17.64	20'	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**North Atlantic Ocean.** BSW I. BNWAS On. Position fix by various methods.Auto steering. 1 S/G Units in operation. Safety speed 15.9kn. Ice Navigation. R/W on VHF Ch: 16;13. XTD: P/1,00 S/1,00
ca276271 ca376303 ca276204	110	46 13.82N 059 20.98W	180	FAH 11.7	41.91	3 hrs 35 min	2315.9	197 hrs 57 min	48 38.19 5	11.00 11.00	6.00 8.00	Cormoradiers Rocks 13.04			30'	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**North Atlantic Ocean.** BSW I. BNWAS On. Position fix by various methods.Auto steering. 1 S/G Units in operation. Safety speed 15.9kn. Ice Navigation. R/W on VHF Ch: 16;13. XTD: P/2,00 S/2,00
ca276204 ca376167 ca176140 ca276801 us3ec07m us3ec09m	111	45 31.99N 059 21.11W	222	FAH 11.7	578.85	49 hrs 28 min	2274	194 hrs 22 min	27.4 17.59 5	11.00 11.00	6.00 8.00				2h 12h	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**North Atlantic Ocean.** BSW I. BNWAS On. Position fix by various methods.Auto steering. 1 S/G Units in operation. Safety speed 15.9kn. Ice Navigation. R/W on VHF Ch: 16;13. XTD: P/2,00 S/2,00
us2ec03m	112	38 20.66N 067 58.98W	222	FAH 11.7	254.58	21 hrs 46 min	1695.2	144 hrs 53 min	4187 >5 5	11.00 11.00	6.00 8.00				2h 12h	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**North Atlantic Ocean. Exit NECA.** BSW I. BNWAS On. Position fix by various methods.Auto steering. 1 S/G Units in operation. Safety speed 15.9kn. R/W on VHF Ch: 16;13. XTD: P/2,00 S/2,00
us2ec03m us2ec02m	113	35 10.70N 071 30.32W	222	FAH 11.7	334.26	28 hrs 34 min	1440.6	123 hrs 8 min	2862 >5 5	11.00 11.00	6.00 8.00				2h 12h	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**North Atlantic Ocean. Entry NECA.** BSW I. BNWAS On. Position fix by various methods.Auto steering. 1 S/G Units in operation. Safety speed 15.9kn. R/W on VHF Ch: 16;13. XTD: P/2,00 S/2,00
us2ec02m	114	35 01.14N 075 55.77W	222	FAH 11.7	94.01	8 hrs 2 min	1106.3	94 hrs 34 min	958 >5 5	11.00 11.00	6.00 8.00				2h 12h	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**North Atlantic Ocean. Exit NECA.** BSW I. BNWAS On. Position fix by various methods.Auto steering. 1 S/G Units in operation. Safety speed 15.9kn. R/W on VHF Ch: 16;13. XTD: P/2,00 S/2,00

Chart No / Area	Waypoint No	Waypoint Lat. & Long.	Course	Engine Order	Distance and Time to Go: Next WPT Distance	Next WPT Time	Total Distance	Total Time	Depth: UKC	ECDIS Parameters (OB for info only): Safety Depth (m)	Safety Frame (min)	PI: Reference Mark	Wheel Over Position: Reference Mark	Bearing	Position Fixing: Freq. (min)	Method: Primary	Method: 2nd	Current/ Tidal Stream: Set	Remarks/ Hazards/ Contingencies/ Master's Instructions
	Actual Time Passed			Speed					Req-ed UKC	Safety countor (m)	Shallow countor (m)	CIR (nm)		Range (nm)				Rate	
us2ec02m us3ga10m us3fl30m	115	29 50.92N 077 08.29W	222	FAH	125.19	10 hrs 42 min	1012.3	86 hrs 31 min	877 >5	11.00	6.00				2h 12h	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**North Atlantic Ocean. Entry NECA.** BSW I. BNWAS On. Position fix by various methods.Auto steering. 1 S/G Units in operation. Safety speed 15.9kn. R/W on VHF Ch: 16;13. XTD: P/2,00 S/2,00
				11.7					5	11.00	8.00								
us3fl30m gb303910	116	28 17.39N 078 43.57W	222	FAH	50.75	4 hrs 20 min	887.14	75 hrs 49 min	512 >5	11.00	6.00				2h 12h	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**North Atlantic Ocean. Exit NECA.** BSW I. BNWAS On. Position fix by various methods.Auto steering. 1 S/G Units in operation. Safety speed 15.9kn. R/W on VHF Ch: 16;13. XTD: P/2,00 S/2,00
				11.7					5	11.00	8.00								
gb303910 us4fl23m	117	27 39.26N 079 21.97W	183	FAH	72.93	6 hrs 14 min	836.39	71 hrs 29 min	485 >5	11.00	6.00	Memory Rock			30′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**Straits of Florida.** BSW I. BNWAS On. Position fix by various methods.Auto steering. 1 S/G Units in operation. Safety speed 15.9kn. R/W on VHF Ch: 16;13. XTD: P/2,00 S/2,00
				11.7					5	11.00	8.00	16.4							
us4fl23m	118	26 26.42N 079 26.80W	190	FAH	37.25	3 hrs 11 min	763.46	65 hrs 15 min	636 >5	11.00	6.00	North Bimini-North Rock	North Bimini-North Rock	095.7	20′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**Straits of Florida.** BSW I. BNWAS On. Position fix by various methods.Auto steering. 1 S/G Units in operation. Safety speed 15.9kn. R/W on VHF Ch: 16;13. XTD: P/2,00 S/2,00
				11.7					5	11.00	8.00	16.2		16.2					
us4fl23m us3fl30m	119	25 49.60N 079 33.65W	185	FAH	42.22	3 hrs 37 min	726.21	62 hrs 4 min	779 >5	11.00	6.00	South Bimini (W) point			20′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**Straits of Florida.** BSW I. BNWAS On. Position fix by various methods.Auto steering. 1 S/G Units in operation. Safety speed 15.9kn. R/W on VHF Ch: 16;13. XTD: P/2,00 S/2,00
				11.7					5	11.00	8.00	14.35							
us3fl30m	120	25 06.84N 079 38.13W	239	FAH	5.04	0 hrs 26 min	683.99	58 hrs 28 min	866 >5	11.00	6.00				20′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**Straits of Florida.** BSW I. BNWAS On. Position fix by various methods.Auto steering. 1 S/G Units in operation. Safety speed 15.9kn. R/W on VHF Ch: 16;13. XTD: P/2,00 S/2,00
				11.7					5	11.00	8.00								
us3fl30m us3fl28m us4fl26m us3fl90m	121	25 04.55N 079 42.37W	239	FAH	101.5	8 hrs 41 min	678.95	58 hrs 2 min	124 >5	11.00	6.00	Alligator Reef Lt. Racon (G)			20′	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**Straits of Florida. Entry NECA.** BSW I. BNWAS On. Position fix by various methods.Auto steering. 1 S/G Units in operation. Safety speed 15.9kn. Ice Navigation. R/W on VHF Ch: 16;13. XTD: P/2,00 S/2,00
				11.7					5	11.00	8.00	13.9							

Chart No / Area	Waypoint No	Waypoint Lat. & Long.	Course	Engine Order	Distance and Time to Go: Next WPT Distance	Next WPT Time	Total Distance	Total Time	Depth: UKC	ECDIS Parameters (OB for info only): Safety Depth (m)	Safety Frame (min)	PI: Reference Mark	Wheel Over Position: Reference Mark	Bearing	Position Fixing: Freq. (min)	Method: Primary	Method: 2nd	Current/ Tidal Stream: Set	Remarks/ Hazards/ Contingencies/ Master's Instructions
	Actual Time Passed			Speed					Req-ed UKC	Safety countor (m)	Shallow countor (m)	CIR (nm)		Range (nm)				Rate	
us3fl90m us4fl97m us4fl92m	122	24 12.43N 081 18.42W	270	FAH	104.04	8 hrs 54 min	577.45	49 hrs 21 min	260 >5	11.00	6.00	Sand Key Island			20'	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**Straits of Florida.** BSW I. BNWAS On. Position fix by various methods.Auto steering. 1 S/G Units in operation. Safety speed 15.9kn. R/W on VHF Ch: 16;13. XTD: P/2,00 S/2,00
				11.7					5	11.00	8.00	14.7							
us4fl92m us3gc07m us2gc09m	123	24 12.73N 083 12.22W	292	FAH	194.55	16 hrs 38 min	473.41	40 hrs 28 min	676 >5	11.00	6.00				2h 12h	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**Gulf of Mexico.** BSW I. BNWAS On. Position fix by various methods.Auto steering. 1 S/G Units in operation. Safety speed 15.9kn. R/W on VHF Ch: 16;13. XTD: P/2,00 S/2,00
				11.7					5	11.00	8.00								
us2gc09m	124	25 25.55N 086 30.32W	292	FAH	71.56	6 hrs 7 min	278.86	23 hrs 50 min	3154 >5	11.00	6.00				2h 12h	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**Gulf of Mexico. Exit NECA.** BSW I. BNWAS On. Position fix by various methods.Auto steering. 1 S/G Units in operation. Safety speed 15.9kn. R/W on VHF Ch: 16;13. XTD: P/2,00 S/2,00
				11.7					5	11.00	8.00								
us2gc09m	125	25 52.37N 087 43.78W	292	FAH	93.6	8 hrs 0 min	207.3	17 hrs 43 min	2850 >5	11.00	6.00				2h 12h	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**Gulf of Mexico. Entry NECA.** BSW I. BNWAS On. Position fix by various methods.Auto steering. 1 S/G Units in operation. Safety speed 15.9kn. R/W on VHF Ch: 16;13. XTD: P/2,00 S/2,00
				11.7					5	11.00	8.00								
us2gc09m us3gc03m	126	26 27.38N 089 20.19W	-	STOP		0 hrs 0 min	113.7	9 hrs 43 min	2322 >5	11.00	6.00				2h 12h	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**Gulf of Mexico.** According Charterer order: **DRIFTING.** BSW I. BNWAS On. Position fix by various methods. Safety speed 15.9kn. R/W on VHF Ch: 16;13. **Safe drifting radiuss: 35NM**
				2					5	11.00	8.00								
us3gc05m us3gc04m	127	27 02.09N 089 43.8W	014	FAH	97.4	8 hrs 19 min	113.7	9 hrs 43 min	193 >5	11.00	6.00	Prod BHP platform	Prod Black (Racon M)	319.2	20` 15`	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**Gulf of Mexico.** BSW I. BNWAS On. Position fix by various methods. Echosounder on. Auto steering. 1 S/G Units in operation. Safety speed 15.9kn. Call Southwest Pass Pilot 2h before arrival on VHF 09;16. R/W on VHF Ch: 16;13;09. XTD: P/1,00 S/2,00
				11.7					5	11.00	8.00	14.9		8.69					
us3gc04m us4la30m	128	27 02.09N 089 43.8W	328	FAH	8.9	0 hrs 46 min	16.3	1 hrs 24 min	115 >5	11.00	6.00	Prod Black (Racon M)	Prod Black (Racon M)	230.0	15`	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**Gulf of Mexico.** BSW I. BNWAS On. Position fix by various methods.Auto steering. 1 S/G Units in operation. Safety speed 15.9kn. R/W on VHF Ch: 16;13;09. XTD: P/0.90 S/0.50
				11.7					5	11.00	8.00	1.49		1.5					

Chart No / Area	Waypoint No	Waypoint Lat. & Long.	Course	Engine Order	Distance and Time to Go: Next WPT Distance	Next WPT Time	Total Distance	Total Time	Depth UKC	ECDIS Parameters (OB for info only): Safety Depth (m)	Safety Frame (min)	PI Reference Mark	Wheel Over Position: Reference Mark	Bearing	Position Fixing: Freq. (min)	Method Primary	Method 2nd	Current/ Tidal Stream Set	Remarks/ Hazards/ Contingencies/ Master's Instructions
	Actual Time Passed			Speed	Distance	Time	Distance	Time	Req-ed UKC	Safety countor (m)	Shallow countor (m)	CIR (nm)		Range (nm)				Rate	
us4la30m	129	28 44.29N 089 22.41W	009	FAH 11.7	7.4	0 hrs 38 min	7.4	0 hrs 38 min	56 46.67 3	11.00 11.00	6.00 8.00	Prod Black (Racon M) 5.02			15`	☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**Gulf of Mexico. Approaches Southwest Pass anchorage.** BSW II. BNWAS On. Position fix by various methods.Manual steering. 2 S/G Units in operation. Safety speed 15.9kn. R/W on VHF Ch: 16;13;09. XTD: P/0.90 S/0.50
us4la30m	130	27 02.09N 089 43.8W	-	STOP 2	0	0 hrs 0 min	0	0 hrs 0 min	56 47.66 1	11.00 11.00	6.00 8.00					☐Visual ☐Radar ☐GPS ☐.....	☐Visual ☐Radar ☐GPS ☐.....		**Gulf of Mexico. Southwest Pas anchorage.** BSW I. BNWAS On. Position fix by various methods.Dropped anchor.- Ref.: Prod Chevron (Racon T): 253.4 / d=5.57 NM. R/W on VHF Ch: 16;13;09.