

APPENDIX G

Table G-1

Full Load (38,000 litre) T/T Distillate Deliveries to Bulk Plants

Source Terminal	38,000 Litres Full Trailer Loads Bulk Plant Location	Existing PPPC Zone	Distance One Way Kms	Calculated	Diesel Fuel Surcharge on Rate at 7%	Total
				Total Trip Cost T/T Rate To Bulk Plant CPL		Calculated Delivery Rates Including DFS CPL
Holyrood	Aquaforte	1	79	1.047	0.0733	1.120
Holyrood	Harbour Grace	1	52	0.789	0.0552	0.844
Holyrood	Placentia	1	82	0.981	0.0687	1.050
Holyrood	Marystown	2	256	2.174	0.1522	2.326
Holyrood	Lethbridge	2	171	1.454	0.1018	1.556
Holyrood	Clarenville	2	142	1.239	0.0868	1.326
Holyrood	Bonavista	2	252	2.031	0.1421	2.173
Holyrood	Gander	3	286	2.089	0.1463	2.236
Holyrood	Fogo via Ferry at Farewell	3b	414	4.875	0.3412	5.216
Holyrood	Pool's Cove Crossroads	4	529	3.732	0.2612	3.993
St. John's	Bay Roberts	1	84	0.976	0.0683	1.044
St. John's	Harbour Grace	1	97	1.052	0.0736	1.125
St. John's	Grand Bank	2	335	2.711	0.1897	2.900
Come By Chance	Donovans - Mount Pearl	1	142	1.231	0.0862	1.317
Come By Chance	Bell Island via Ferry Portugal Cove	1a	156	1.967	0.1377	2.105
Come By Chance	Carbonear	1	116	1.129	0.0790	1.208
Come By Chance	Marystown	2	153	1.497	0.1048	1.602
Come By Chance	Bonavista	2	150	1.404	0.0983	1.502
Come By Chance	Gander	3	184	1.446	0.1012	1.547
Come By Chance	Bishops Falls	3	264	1.939	0.1357	2.075
Come By Chance	Fogo via Ferry at Farewell	3b	297	4.128	0.2890	4.417
Come By Chance	Pasadena	6	512	3.369	0.2359	3.605
Come By Chance	Stephenville	7	619	3.953	0.2767	4.229
Corner Brook	Springdale	5	180	1.522	0.1065	1.628
Corner Brook	Stephenville	7	82	0.933	0.0653	0.998
Corner Brook	Port aux Basques	7	219	1.778	0.1245	1.902
Corner Brook	Burgeo	7	213	1.919	0.1343	2.053
Corner Brook	Rocky Harbour & Area	8	122	1.241	0.0868	1.327
Corner Brook	Port au Choix Area	9	282	2.463	0.1724	2.636
Corner Brook	St. Anthony	9	472	3.995	0.2796	4.274
St. Barbe	St. Anthony	9	125	1.441	0.1008	1.541
OTHER Possible						
Lewisporte	Gander	3	60	0.828	0.0579	0.886
Lewisporte	Pool's Cove Crossroads	4	212	1.900	0.1330	2.033

APPENDIX G

Table G-2

Full Load T/T Distillates to Bulk Plant Rate based on Full Load to Bulk Plant - Harbour Grace

38000	Litres per Load		
PPPC Zone	Source Terminal	Units	Calculations
1 - Harbour Grace (Bulk Plant)	St. John's		
Distance One Way		kms	97
Additional kms to reach edge of Supplying Terminal City/Town		kms	10
Equivalent Distance One-Way on TCH Class A Paved Roads		kms	69
Equivalent Distance One-Way on Good Quality Class B Paved Roads		kms	28
Equivalent Distance One-Way on other Local Class C Road Systems		kms	0
Equivalent Distance One-Way in City/Town Road Systems		kms	10
Check Distance		#	0
Assumed Number of Drops		#	1
Loading Time (Full Load)		hrs	1.0
Total Drop Time - Bulk Plant Pumping		hrs	1.0
Ferry Loading-Crossing-Return Trip Time		hrs	N/A
Overnight Trip due Ferry Crossing		hrs	N/A
Driver Break Times and Other Delays		hrs	0.25
Total Non Travel Time with Vehicle		hrs	2.25
Total Non-Travel Time With or Without Vehicle		hrs	2.25
Class A Road Travel @ 90 kms/hr		hrs	0.8
Class B Road Travel @ 65 kms/hr		hrs	0.4
Class C Road Travel @ 40 kms/hr		hrs	0.0
City/Town C Road Travel @ 30 kms/hr		hrs	0.3
Trip Travel Time each way		hrs	1.5
Total travel Time Return Trip		hrs	3.1
Total Trip Hours Return		hrs	5.3
Tractor Trailer Positioning Cost		\$	\$50.00
Non-Travel Cost @ \$50.00 per hour		\$	\$112.50
Non-Travel Cost Overnight at Motel for Driver \$20 / Hr + \$100		\$	N/A
Return Trip on Good TCH Class A Highway @ \$1.00 per km		\$	\$138.00
Return Trip on Class B Paved Highway @ \$1.20 per km		\$	\$67.20
Return Trip on Class C Highway Roads @ \$1.40 per km		\$	\$0.00
Return Trip on City/Town Roads @ \$ 1.60 per km		\$	\$32.00
Total Trip Travel Costs		\$	\$237.20
Ferry Crossing Cost - Return Trip		\$	N/A
Total Trip Cost to Retail Outlet on Island and Return		\$	\$399.70
Calculated Total Trip Cost		CPL	1.052
Diesel Fuel Surcharge at Rate		7%	0.0736
Total Calculated part Load Delivery Rates Including DFS		CPL	1.125

APPENDIX G

Table G-3

Full Load T/T Distillate Deliveries to Bulk Plants Rate based on Full Load to Bulk Plant - Fogo Island

38000	Litres per Load		
PPPC Zone	Source Terminal	Units	Load on Ferry at
3b - Fogo Island (Bulk Plant)	Holyrood		Farewell
Distance One Way		kms	414
Additional kms to reach edge of Supplying Terminal City/Town		kms	5
Equivalent Distance One-Way on TCH Class A Paved Roads		kms	281
Equivalent Distance One-Way on Good Quality Class B Paved Roads		kms	44
Equivalent Distance One-Way on other Local Class C Road Systems		kms	60
Equivalent Distance One-Way in City/Town Road Systems including On-Island		kms	34
Check Distance		#	0
Assumed Number of Drops		#	1
Loading Time (Full Load)		hrs	1.0
Total Drop Time - Bulk Plant Pumping		hrs	1.0
Ferry Loading-Crossing-Return Trip Time		hrs	1.5
Driver Break Times and Other Delays		hrs	2.0
Total Non Travel Time with Vehicle		hrs	5.5
Overnight Trip due Ferry Crossing at 7:45 am Sunday Morning		hrs	9.0
Class A Road Travel @ 90 kms/hr		hrs	3.1
Class B Road Travel @ 65 kms/hr		hrs	0.7
Class C Road Travel @ 40 kms/hr		hrs	1.5
City/Town C Road Travel @ 30 kms/hr		hrs	1.1
Trip Travel Time each way		hrs	6.4
Total travel Time Return Trip		hrs	12.9
Total Trip Hours Return		hrs	27.4
Tractor Trailer Positioning Cost		\$	\$50.00
Non-Travel Cost @ \$50.00 per hour		\$	\$275.00
Non-Travel Cost Overnight at Motel for Driver \$20 / Hr + \$100		\$	\$280.00
Return Trip on Good TCH Class A Highway @ \$1.00 per km		\$	\$562.00
Return Trip on Class B Paved Highway @ \$1.20 per km		\$	\$105.60
Return Trip on Class C Highway Roads @ \$1.40 per km		\$	\$168.00
Return Trip on City/Town Roads @ \$ 1.60 per km		\$	\$108.80
Ferry Crossing Cost - Return Trip*(see Note)		\$	\$303.00
Trip Travel Cost		\$	\$944.40
Total Trip Cost to Bulk Plant on Island and Return		\$	\$1,852.40
Calculated Total Trip Cost		CPL	4.875
Diesel Fuel Surcharge at Rate		7%	0.341
Total Calculated part Load Delivery Rates Including DFS		CPL	5.216

* Ferry for dangerous goods trip leaves Farewell on 2nd and 4th Sunday of Month at 7:45 am. Hence TT has to be at Farwell ready to load at 7:00 am on the particular Sunday chosen. This means overnighing for driver at Lewisporte or some other local community. Ferry cost for TT is \$146.00 each way plus \$5.50 each way for driver.

APPENDIX G

Table G-4

Full Load T/T Distillates to Bulk Plant
Rate based on Full Load to Bulk Plant - Springdale

38000	Litres per Load		
PPPC Zone	Source Terminal	Units	Calculations
1 - Springdale (Bulk Plant)	Corner Brook		
Distance One Way		kms	180
Additional kms to reach edge of Supplying Terminal City/Town		kms	7
Equivalent Distance One-Way on TCH Class A Paved Roads		kms	142
Equivalent Distance One-Way on Good Quality Class B Paved Roads		kms	24
Equivalent Distance One-Way on other Local Class C Road Systems		kms	14
Equivalent Distance One-Way in City/Town Road Systems		kms	7
Check Distance		#	0
Assumed Number of Drops		#	1
Loading Time (Full Load)		hrs	1.0
Total Drop Time - Bulk Plant Pumping		hrs	1.0
Ferry Loading-Crossing-Return Trip Time		hrs	N/A
Overnight Trip due Ferry Crossing		hrs	N/A
Driver Break Times and Other Delays		hrs	0.50
Total Non Travel Time with Vehicle		hrs	2.50
Total Non-Travel Time With or Without Vehicle		hrs	2.50
Class A Road Travel @ 90 kms/hr		hrs	1.6
Class B Road Travel @ 65 kms/hr		hrs	0.4
Class C Road Travel @ 40 kms/hr		hrs	0.4
City/Town C Road Travel @ 30 kms/hr		hrs	0.2
Trip Travel Time each way		hrs	2.5
Total travel Time Return Trip		hrs	5.1
Total Trip Hours Return		hrs	7.6
Tractor Trailer Positioning Cost		\$	\$50.00
Non-Travel Cost @ \$50.00 per hour		\$	\$125.00
Non-Travel Cost Overnight at Motel for Driver \$20 / Hr + \$100		\$	N/A
Return Trip on Good TCH Class A Highway @ \$1.00 per km		\$	\$284.00
Return Trip on Class B Paved Highway @ \$1.20 per km		\$	\$57.60
Return Trip on Class C Highway Roads @ \$1.40 per km		\$	\$39.20
Return Trip on City/Town Roads @ \$ 1.60 per km		\$	\$22.40
Total Trip Travel Costs \$			\$403.20
Ferry Crossing Cost - Return Trip		\$	N/A
Total Trip Cost to Bulk Plant and Return		\$	\$578.20
Calculated Total Trip Cost		CPL	1.522
Diesel Fuel Surcharge at Rate		7%	0.1065
Total Calculated part Load Delivery Rates Including DFS		CPL	1.628