Log of the S.S. / M.V. El Faro Voy 178 from Jacksonville to San Juan Date Friday 14 August 2015

Hour	Log	Course Standard	Course Gyro	Steering	Wind Direction	Wind Force	Barometer	Temperature Air	Temperature Water	Gyro Compass Error	Standard Compass Deviation	Soundings
Use 24 Hr. Rotation										Watches Per		16B
1 0030	Inside NP2 - ERN											
2												
3					Ely	4	1015	86/80	80			
4 102 3	139	131										
5 0430	All Hands Called											
6 0654	Sec Rounds made of Vsl. Prior Cargo OB									Cargo Watches		16BB
7 0656	Conf with C/M - Master & Security											
8 0654	Sailing Board Set For 2300 ERN											
9 0712	Start Cargo											
10												
11 1145 -	1245	C/S	Break.									
12 Arrival	Berth "M"				E	3	1015 8	86/86				

Latitude	Longitude	Course	Distance	Total Distance	Length of Day	Total Time at Sea	Average Speed	Total Average Speed	Detention
18°34.8 N	066°09.3 W	131°	324	1,096	16.7H	54.7H	19.4K	20 K	

Hour	Log	Course Standard	Course Gyro	Steering	Wind Direction	Wind Force	Barometer	Temperature Air	Temperature Water	Gyro Compass Error	Standard Compass Deviation	Soundings
13												
14												
15												
16												
17 1745 -	1845	C/S	Break.									
18 STB.	Side	to	San Juan		Airs		1015	86/84				
19												
20												
21												
22 2200 -	Posn and D/M				Called. [redacted]		2230 - All Hands		Called. 2245		Stowpower Secure Complete.	
23 2358	Watch Assumed by 2/M Per 16B											
24 0000 -	Watch Below				SE	3	1015 4	84/82				

Running Lights Burning	Cofferdams or Port Bilges No.	A.M.	P.M.	Cofferdams or Starboard Bilges No.	A.M.	P.M.	Lookouts Hours	Names
Midnight to ... A.M.		Cargo			Rad			
... P.M. to Midnight	1	Lo	Lo	1	Abd	0712	00/04	Allen
	2	0712	2144	2				
	3			3	Away	~~1944~~	04/08	Hearman
	4	Ro	Ro	4		2041		
	5	0718	~~1932~~	5	[redacted]		08/12	Jackson
	6	[redacted]	2032	6				
	7			7			12/16	Allen
	8			8				
	9			9			16/20	Hearman
	10			10				
	11			11			20/24	Jackson
	12			12				

Arrival

Tank			
1	16	A	0518
2			
3	16	P	0430
4			
5			
6			
7			
8			
9			
10			

Remarks

0001 Vsl. Approaching San Juan. Lights bright, Lookout Posted max RPM. Reduce to 110 RPM for ETA 0300 Reduce to 80 RPM 0410 Test Astern 0420 MSTR @ Con L18°37.8N λ066°12.9W 0442 Pilot Abd. Diaz 0442 Arrival L 18°34.8 N λ066°12.9W 0442 Pilot Abd. Diaz 0518 MSTR - Pilot Conf. Pilot @ Con 0537 Honcho Fwd 0554 2-one aft. 0630 1st Line Fwd. 0648 Fwd - All Fast - Tugs - Pilot Away 0700 STB. Side to San Juan. Lines + C/M Tended, Sec. Rounds made - Relieved by 3/M [redacted]

0700 - Relieved the watch IAW TSI 16BB. [redacted]

1200 - Lines, Rand, & Gway tended - Security Rounds made. Watch Relieved by [redacted]

Engine Performance

Distance by Engine	Speed by Engine	Average R.P.M.	Average Slip (Percent)	Fuel Oil Consumed (Barrels)	Fuel Oil on Hand (Barrels)	Fresh Water Consumed (Tons)	Fresh Water on Hand (Tons)	Number Boilers in Use	Total Average Slip (Percent)	Total Distance by Engine	Detention Steaming
402	24.1K	111.9	19.4%	675	6126	22	395	2	19.3%	1356	

1300 2/M Assumes watch Per 16BB

1730 Watch Relieved by C/M - Lines + C/M Tended, Sec. Rounds made [redacted]

1736 - Relieved the watch IAW TSI 16BB. [redacted]

2200 - Test Steering + EOT IAW 33 CFR 164.25. 2215 Test Engines Ahead/Astern.

2245 - Honcho m/f Fwd 2250 C'way c/B. 2255 - P.O.B. C. Hands. 2256 2-one m/f aft 2301 Commence unheaving. 2311 Last line, Anchors clear, head 292. Sec. 2321 EOT Go 2-one, 2325 EOT Go Honcho 2336 → #13, 2338 → VSCC. 2344 #2 → #3 2346 Master @ Conn 2349 Pilot Away 2354 DRP Ps 18°29.7N C066°9.4W on C20°, Inc to 100 RPM. 2359 Anchors Secure, B/C, Bwd, Ws 8. Filed by 2/M [redacted]

Ballast Tanks Port, Center, Starboard Tank	Last Filled	Inches	Tons
1	Arrival	S.J.	
2	Gm C	3.9	
3	Gm R	3.6	
4	Gm M	0.2	
5	0700 W/T Doors & Hatches Opened For Cargo		
6			
7	Dep. C.J.		
8	Gm C	6.5	
9	Gm R	4.5	
10	Gm M	2.0	
11	2100 W/T Doors & Hatches Secured For Sea		
12			

Refrigeration (Cargo) Compartment	Temperature 4	8	12	A.M.	P.M.

Draft of Vessel

Sailing: 24'01" Forward 29'06" Aft.

Arriving: 28'00 Forward 32'01 Aft.

Mean 30'00.5(A) ~~26'08.5(A)~~ 26'09.5

A.M.—Forward ... Aft ... Mean ...

P.M.—Forward ... Aft ... Mean ...

Fuel Oil and Water

Sailing: Bbls. Fuel Oil 6006 Water, Tons 374

Arriving: Bbls. Fuel Oil 6126 Water, Tons 395

Received: Bbls. Fuel Oil ... Water, Tons ...

[redacted] Chief Mate.

[redacted] Master.