



comments: target finally moving more to the W, consistent with current, still, but not fast enough if there's drift from (brisk) wind				
Mon23 morning	080@14-17, TLPL 090@18	current flows 0.5k to W	13-07N / 62-16W, target moving 0.7k to WSW	
comments: same				
CONCLUSIONS:				
1. Speed and direction of sea surface currents are uncertain, and motion of target is roughly consistent with sea surface currents				
2. Wind speed and direction seem to have no influence on direction or speed of target				
3. Target is probably mostly or completely submerged in water with little windage				
4. Initially I thought Target might be a sailboat trying to sail in a general N direction, maybe with little sail area...But I find NO wind induced motion				
Based on target mostly moving with SeaSurfaceCurrent, target is projected to lie near:				
Tue24, March: 13-09N / 62-28W				
Wed25: 13-14N / 62-39W				
Thu26: 13-19N / 62-50W				
Fri27: 13-23N / 62-59W				
Sat28: 13-27N / 63-08W				
Sun29: 13-30N / 63-16W				
Mon30: 13-32N / 63-22W				
Tue31: 13-32N / 63-32W				
Wed1, April: 13-30N / 63-46W				
Thu2: 13-26N / 63-58W				
Fri3: 13-22N / 64-12W				
Sat4: 13-19N / 64-26W				
Sun5: 13-17N / 64-40W				
Mon6: 13-19N / 64-55W				
Tue7: 13-26N / 65-20W				
Wed8: 13-40N / 65-40W				
Thu9: 14N / 66W				
Fri10: 14-35N / 66-30W				
Sat11: 15N / 66-48W				
Sun12: 15-10N / 67-10W				
Mon13: 15-03N / 67-30W				
Tue14: 14-55N / 67-50W				
Wed15: 14-50N / 68-07W				
Thu16: 14-47N / 68-25W				
Distance traveled along rhumb line 373 miles in 24 days since Mon23, average speed 0.65k, but considering extra miles traveled NW then WSW				
speed is probably closer to 0.8k, and average rhumb line course has been 286T.				
Again, the above assumes only set from current, and no drift from wind.				
SMOOTHED DATA:				
Time Stamp	Composite Latitude	Composite Longitude	Miles	Avg miles
03/19/20 0107utc	12.54923	-61.66594		
03/19/20 0108utc	12.53367	-61.66589	1.075327265	
03/19/20 0108utc	12.54966	-61.66903	1.1251570205	
03/19/20 0207utc	12.55423	-61.67688	0.6165626246	
03/19/20 0310utc	12.55465	-61.68887	0.8093146829	
03/19/20 0407utc	12.54911	-61.70065	0.8820587571	
03/19/20 0508utc	12.55228	-61.70871	0.5861770984	
03/19/20 0606utc	12.55927	-61.72364	1.1169691624	
03/19/20 0708utc	12.57143	-61.74003	1.3886833456	
03/19/20 0807utc	12.58731	-61.74923	1.2607249772	6.2039004
03/19/20 0908utc	12.61207	-61.76167	1.9057393924	
03/19/20 1008utc	12.62544	-61.75555	1.0119647294	
03/19/20 1107utc	12.63941	-61.75214	0.9924482138	
03/19/20 1208utc	12.65114	-61.7667	1.2732161469	
03/19/20 1305utc	12.67577	-61.78304	2.0275906942	
03/19/20 1408utc	12.68992	-61.80598	1.829863174	
03/19/20 1507utc	12.69893	-61.81828	1.0369996509	
03/19/20 1603utc	12.71329	-61.83111	1.3164231271	
03/19/20 1702utc	12.71872	-61.83321	0.4010724794	
03/19/20 1804utc	12.73441	-61.84895	1.5170764308	
03/19/20 1905utc	12.73752	-61.85972	0.7571280601	
03/19/20 2003utc	12.74901	-61.85618	0.8291299891	13.2995056
03/19/20 2106utc	12.7611	-61.86477	1.0165220094	
03/19/20 2202utc	12.77133	-61.86219	0.7280473882	
03/19/20 2304utc	12.77592	-61.86589	0.4034922467	
03/20/20 0005utc	12.78464	-61.87731	0.9775140645	
03/20/20 0102utc	12.79021	-61.88986	0.9292701243	
03/20/20 0203utc	12.7944	-61.90156	0.8399831599	
03/20/20 0306utc	12.80149	-61.90998	0.7497057567	
03/20/20 0406utc	12.8059	-61.91497	0.4538319552	
03/20/20 0502utc	12.81185	-61.91787	0.4552704916	
03/20/20 0604utc	12.81675	-61.92317	0.492165172	
03/20/20 0705utc	12.82278	-61.92676	0.4818498872	
03/20/20 0809utc	12.82909	-61.9383	0.8915348036	7.82664077
03/20/20 0905utc	12.83403	-61.93335	0.4772842855	
03/20/20 1003utc	12.8412	-61.93541	0.514579284	

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03/20/20 1102utc	12.84752	-61.93732	0.4553285646	
03/20/20 1206utc	12.85001	-61.93616	0.1889971608	
03/20/20 1310utc	12.85811	-61.93475	0.5677797041	
03/20/20 1406utc	12.85994	-61.93542	0.1342826782	
03/20/20 1508utc	12.86237	-61.93197	0.2867584574	
03/20/20 1612utc	12.86555	-61.93306	0.2284345014	
03/20/20 1709utc	12.8722	-61.934	0.4673351374	
03/20/20 1809utc	12.8765	-61.9362	0.3320765423	
03/20/20 1909utc	12.8843	-61.9345	0.5510753883	
03/20/20 2008utc	12.8883	-61.9354	0.2830034632	4.09655258
03/20/20 2108utc	12.8943	-61.9363	0.4190577403	
03/20/20 2209utc	12.8935	-61.9255	0.7296453454	
03/20/20 2308utc	12.90688	-61.9425	1.4718889568	
03/21/20 0008utc	12.9035	-61.94054	0.268317299	
03/21/20 0109utc	12.90594	-61.9326	0.5608104209	
03/21/20 0208utc	12.916	-61.942	0.9403586096	
03/21/20 0309utc	12.9172	-61.927	1.0137888529	
03/21/20 0405utc	12.92141	-61.924	0.3542368939	
03/21/20 0510utc	12.9155	-61.9375	0.9968566335	
03/21/20 0609utc	12.9285	-61.92666	1.1576986028	
03/21/20 0709utc	12.932	-61.9322	0.4446871159	
03/21/20 0808utc	12.9335	-61.925	0.4959118744	3.20127938
03/21/20 0908utc	12.93118	-61.924	0.1739042153	
03/21/20 1009utc	12.938	-61.93176	0.7037935286	
03/21/20 1107utc	12.9375	-61.921	0.7255492058	
03/21/20 1208utc	12.952	-61.93	1.1711433457	
03/21/20 1307utc	12.957	-61.92	0.7569606909	
03/21/20 1409utc	12.9583	-61.943	1.5516147704	
03/21/20 1507utc	12.964	-61.9341	0.7172449953	
03/21/20 1609utc	12.967	-61.94	0.4481791213	
03/21/20 1709utc	12.97399	-61.942	0.5014914609	
03/21/20 1809utc	12.9805	-61.9425	0.4511519835	
03/21/20 1909utc	12.988	-61.946	0.569383561	
03/21/20 2008utc	13.00757	-61.935	1.5419996872	5.162947
03/21/20 2108utc	13.01	-61.947	0.8252802768	
03/21/20 2208utc	13.0165	-61.947	0.4492026271	
03/21/20 2309utc	13.03308	-61.96	1.4418811183	
03/22/20 0009utc	13.0479	-61.986	2.0280783867	
03/22/20 0105utc	13.052	-61.985	0.2912315071	
03/22/20 0209utc	13.0545	-61.98639	0.1964851585	
03/22/20 0309utc	13.06726	-61.98967	0.9090448876	
03/22/20 0407utc	13.0757	-61.979	0.9252719437	
03/22/20 0508utc	13.074	-61.987	0.5511978705	
03/22/20 0609utc	13.0825	-62.008	1.5308173721	
03/22/20 0708utc	13.093	-61.99	1.4123037535	
03/22/20 0808utc	13.103	-61.974	1.279625587	7.09840496
03/22/20 0909utc	13.1271	-61.957	2.0206648282	
03/22/20 1009utc	13.118	-61.988	2.1791257989	
03/22/20 1108utc	13.12	-62	0.8193944628	
03/22/20 1209utc	13.12478	-62.0028	0.3803099548	
03/22/20 1309utc	13.13105	-62.01	0.650052202	
03/22/20 1407utc	13.13206	-62.03	1.3478282994	
03/22/20 1508utc	13.139	-62.03525	0.5957047173	
03/22/20 1607utc	13.1415	-62.01216	1.5634998508	
03/22/20 1709utc	13.147	-62.04	1.9117292455	
03/22/20 1809utc	13.151	-62.049	0.6657672086	
03/22/20 1908utc	13.162	-62.067	1.4300776476	
03/22/20 2007utc	13.168	-62.076	0.7339732057	8.20371233
03/22/20 2109utc	13.19275	-62.077	1.7117484034	
03/22/20 2209utc	13.2	-62.08	0.5401647956	
03/22/20 2308utc	13.19799	-62.10555	1.7246698751	
03/23/20 0007utc	13.18686	-62.10918	0.8070200602	
03/23/20 0108utc	13.17527	-62.1181	1.0008924952	
03/23/20 0209utc	13.17582	-62.14052	1.5090961951	
03/23/20 0306utc	13.16935	-62.1314	0.7592961658	
03/23/20 0406utc	13.1686	-62.144	0.8494458424	
03/23/20 0509utc	13.1615	-62.177	2.2741919921	
03/23/20 0608utc	13.159	-62.167	0.6947560083	
03/23/20 0709utc	13.152	-62.21	2.9338181942	
03/23/20 0809utc	13.14	-62.227	1.4130049382	10.3441194
03/23/20 0909utc	13.1315	-62.22585	0.5924954208	
03/23/20 1007utc	13.128	-62.243	1.1792921295	
03/23/20 1106utc	13.133	-62.26	1.1951622137	
03/23/20 1207utc	13.125	-62.267	0.7263647833	
03/23/20 1222utc	13.11799	-62.273	0.6306839194	3.44936374