

USCG Auxiliary CHART UPDATING WORKSHEET [Revision 4/12/2008]		General location: PONAUG MARINA - ARNOLD NECK				Vert. Datum	
		Date observed: 12-Apr-08		Sheet No. 4-2		Feet	
		Prepared by: Team Four		Corr. for Transducer (ft)			
		Chart Number 13224		Chart Date Nov-08		Edition 38	
Method used to take FIX: GPS w. WAAS		Model and manufacturer: GARMIN GPS 76					
Method used to determine Depth: N/A		Model and manufacturer:					
No. 31	Position Location Number - PLN 23	Time Depth Taken	Observed Depth	Height of Tide	Depth at Datum		
Describe the task: Take a fix at the in-shore end of Dock G.		N/A		0.0			
Measure the width of the dock. Take a photo from this spot outward.		Latitude	41-41.6699 N		EPE / DOP		
Report Findings and Proof: Dock is 9 feet in width.		41-41-40.7 N (41.6783)		6.5			
Photo 224 is attached. Taken from 2/3 down the dock toward the end.		Longitude	071-27.0935 W		Time FIX Taken		
Confirmed location with new fix on 8/30/08.		071-27-06.60 W (27.1100)		1106			
Recommendation GPS Fix plots 90.3 feet from the charted position with an EPE of 6.5 feet.							
This location marks the edge of the shoreline and the start of Dock G.							
Replot per observed and reported fix.							
No. 32	Position Location Number - PLN 24	Time Depth Taken	Observed Depth	Height of Tide	Depth at Datum		
Describe the task: Take a fix at the off-shore end of Dock G.		N/A		0.0			
Measure the width of the "T." List the number of finger floats.		Latitude	41-41.678 N		EPE / DOP		
Report Findings and Proof: The width of the "T" is 34 feet. (Obtained by tape measure.) There are no finger floats on Dock G. Length of G Dock is 114 feet.		41-41-41.10 N (41.6850)		6.4			
Ratio is 0.072. Dock G is chartable. Photo 225 attached shows dock from shore.		Longitude	071-27.085 N		Time FIX Taken		
		071-27-05.10 W (27.0850)		1107			
Recommendation GPS Fix plots 89.3 feet from the charted position with an EPE of 6.4 feet.							
Replot per observed and reported fix.							
Confirmed location with new fix on 8/30/08.							
No. 33	Position Location Number - PLN 25	Time Depth Taken	Observed Depth	Height of Tide	Depth at Datum		
Describe the task: Take a Fix at the in-shore end of Dock H.		N/A		0.0			
Measure the width of the dock. Take a photo from this spot outward.		Latitude	Not charted		EPE / DOP		
Report Findings and Proof: Dock is 5 feet in width. Fix taken at shore end of dock.		41-41-40.20 N (41.6700)		6.5			
Photo 226 is attached.		Longitude	Not charted		Time FIX Taken		
		071-27-06.50 W (27.1083)		1109			
Recommendation Plot inshore end of dock per observed and reported fix with an EPE of 6.5 feet.							
This location marks the edge of the shoreline and the start of Dock H.							
Confirmed location with new fix on 8/30/08.							
No. 34	Position Location Number - PLN 26	Time Depth Taken	Observed Depth	Height of Tide	Depth at Datum		
Describe the task: Take a Fix at the off-shore end of Dock H.		N/A		0.0			
Measure the width of the "T." List the number of finger floats.		Latitude	Not charted		EPE / DOP		
Report Findings and Proof: The width of the "T" is 46 feet. (Obtained by measuring tape) 3 finger floats are on the downstream side and 4 on the upstream side.		41-41-40.60 N (41.6742)		6.8			
Ratio is 0.080. Dock H is chartable. See attached calculator sheet for calculations.		Longitude	Not charted		Time FIX Taken		
		071-27-04.70 W (27.0800)		1111			
Recommendation Plot the offshore end of dock per the observed and reported fix with an EPE of 6.8 feet.							
No. 35	Position Location Number - PLN 27	Time Depth Taken	Observed Depth	Height of Tide	Depth at Datum		
Describe the task: Take a Fix along the shoreline (1 of 6)				0.0			
What is the nature of the shoreline?		Latitude			EPE / DOP		
Report Findings and Proof: Fix taken along the shoreline.		41-41-39.60 N		16.5			
Rocky riprap has been placed along the shoreline.		Longitude			Time FIX Taken		
		071-27-06.10 W		1348			
Recommendation Plot shoreline per observed and reported fix at an EPE of 16.6 feet.							
No. 36	Position Location Number - PLN 28	Time Depth Taken	Observed Depth	Height of Tide	Depth at Datum		
Describe the task: Take a Fix along the shoreline (2 of 6)				0.0			
What is the nature of the shoreline?		Latitude			EPE / DOP		
Report Findings and Proof: Fix taken along the shoreline.		41-41-39.0 N		11.0			
Rocky riprap has been placed along the shoreline.		Longitude			Time FIX Taken		
		071-27-06.10 W		1352			
Recommendation Plot shoreline per observed and reported fix at an EPE of 11.0 feet.							