

USCG Auxiliary CHART UPDATING WORKSHEET [Revision 1/1/2008]		General location: Ponaug Marina, Arnold Neck				Vert. Datum	
		Date observed: 12-Apr-08		Sheet No. 2-1			
		Prepared by: TEAM TWO		Corr. for Transducer (ft) 0.0			
		Chart Number 13224		Chart Date 1-Nov		Edition 38	
Method used to take FIX: GPS w. WAAS		Model and manufacturer:					
Method used to determine Depth: n/a		Model and manufacturer: n/a					
No. 16	Position Location Number - PLN 9			Time Depth Taken	Observed Depth	Height of Tide	Depth at Datum
Describe the task: Take a fix at the in-shore end of Dock A.				n/a			
Measure the dock's width.				Latitude	41-41-7591 N	EPE / DOP	
Report Findings and Proof: This is the fuel dock for the marina.				41-41-45.50 N (41.7583)		16.6	
Width of the dock is 15 feet. Fix taken at the edge of the waterline.				Longitude	071-27.1705 W	Time FIX Taken	
				071-27-10.00 W (27.1667)		1406	
Recommendation Fix plots 17.8 feet from the charted position with an EPE of 16.6 feet.							
Correct as charted.							
No. 17	Position Location Number - PLN 10			Time Depth Taken	Observed Depth	Height of Tide	Depth at Datum
Describe the task: Take a fix at the off-shore end of Dock A.				n/a			
Measure the width of the "T." Record the number of finger floats on both sides.				Latitude	41-41-7697 N	EPE / DOP	
Report Findings and Proof: T at the off-shore end of dock is 52 feet by 7 feet.				41-41-46.30 N (41.7714)		12.0	
Dock has 16 finger floats -- eight on each side.				Longitude	071-27-1441 W	Time FIX Taken	
				071-27-08.60 W (27.1433)		1404	
Recommendation Fix plots 12 feet from the charted position with an EPE of 12 feet.							
Correct as charted.							
No. 18	Position Location Number - PLN			Time Depth Taken	Observed Depth	Height of Tide	Depth at Datum
Describe the task:							
Report Findings and Proof:				Latitude		EPE / DOP	
				Longitude		Time FIX Taken	
Recommendation This location represents the edge of the shoreline at this marina.							
No. 19	Position Location Number - PLN 11		TEAM TWO	Time Depth Taken	Observed Depth	Height of Tide	Depth at Datum
Describe the task: Take a fix at the in shore end of Dock B.				n/a		0.0	
Take a photo from this spot outward. Measure the width of the dock.				Latitude	41-41.7458 N	EPE / DOP	
Report Findings and Proof: Fix taken at inshore end of Dock B				41-41-44.90 N (41.7483)		18.7	
				Longitude	071-27.1515 W	Time FIX Taken	
				071-27-09.50 W (27.1583)		1336	
Recommendation Fix plots 34.3 feet from the charted position with an EPE of 18.7 feet.							
Replot as observed and reported.							
No. 20	Position Location Number - PLN 12		TEAM TWO	Time Depth Taken	Observed Depth	Height of Tide	Depth at Datum
Describe the task: Take a fix at the off shore end of Dock B.				n/a		0.0	
Measure the width of the "T." Record the number of finger floats on both sides.				Latitude	41-41.7633 N	EPE / DOP	
Report Findings and Proof: "T" is 69 feet by 4 feet. (Obtained with measuring tape.)				41-41-45.80 N (41.7633)		20.3	
15 Finger Floats on the upstream side, 14 fingers on the down stream side.				Longitude	071-27.1150 W	Time FIX Taken	
Fix taken at offshore end of Dock B.				071-27-06.90 W (27.1150)		1417	
Recommendation GPS Fix plots 45.4 feet from the charted position with an EPE of 20.3 feet.							
Replot as observed and reported.							
No. 21	Position Location Number - PLN 13		TEAM TWO	Time Depth Taken	Observed Depth	Height of Tide	Depth at Datum
Describe the task: Take a fix along the shoreline between Docks B and C.				n/a		0.0	
What comprises the shoreline?				Latitude	41-41.7391 N	EPE / DOP	
Report Findings and Proof: Fix taken along shoreline between Docks B and C.				41-41-44.10 N (41.7350)		25.0	
Rock bulkhead along the shoreline.				Longitude	071-27.1517 W	Time FIX Taken	
				071-27-09.10 W (27.1517)		1417	
Recommendation GPS Fix plots 34.9 feet from the charted position with an EPE of 25.0 feet.							
Replot as observed and reported.							