

Bottom Samples

Bottom samples were collected to verify charted bottom types. Samples were collected at each of the currently charted bottom type locations within the survey limits, as well as two additional locations in an area identified by the Boston Pilots as a potential anchorage area. Of the 71 samples collected, 30% were in obvious disagreement with the charted bottom. An additional 16% were non-specific in current charting (e.g. “so”, “h”), and can be clarified from samples acquired during this survey. The hydrographer recommends making the following charting changes based on current bottom sample data. *Concur*

CHARTED POSITION		DELETE CHARTED BOTTOM TYPE	CHART BOTTOM TYPE
LATITUDE	LONGITUDE		
42° 24' 01" N	070° 55' 09" W	<i>No bottom type charted.</i>	M
42° 23' 44" N	070° 54' 44" W	<i>No bottom type charted.</i>	S
42° 25' 13.48" N	070° 52' 45.16" W	h	S
42° 26' 06.76" N	070° 53' 15.27" W	sy	hrd
42° 25' 25.97" N	070° 53' 21.77" W	rky	S, Sh
42° 24' 28.35" N	070° 54' 08.94" W	h	S, M
42° 24' 34.69" N	070° 54' 29.58" W	sy	P, S, Sh
42° 23' 42.53" N	070° 54' 11.27" W	h	M

CHARTED POSITION		DELETE CHARTED BOTTOM TYPE	CHART BOTTOM TYPE
LATITUDE	LONGITUDE		
42° 23' 28.91" N	070° 53' 39.39" W	h	M
42° 23' 21.31" N	070° 54' 30.87" W	h	S
42° 23' 23.75" N	070° 55' 01.86" W	h	S, M
42° 23' 43.88" N	070° 55' 40.49" W	rky	S
42° 25' 05.47" N	070° 57' 16.48" W	M	S
42° 24' 33.00" N	070° 56' 25.14" W	h	S
42° 22' 15.07" N	070° 55' 52.74" W	rky	S
42° 24' 18.07" N	070° 55' 18.12" W	h	S, Sh
42° 25' 01.91" N	070° 55' 06.39" W	rky	S
42° 24' 50.47" N	070° 55' 07.26" W	h	S, Sh
42° 24' 47.59" N	070° 54' 56.16" W	h	S
42° 24' 43.79" N	070° 54' 18.04" W	rky	S, Sh
42° 25' 54.93" N	070° 55' 00.28" W	h	S
42° 25' 47.31" N	070° 54' 28.53" W	rky	S
42° 24' 22.05" N	070° 57' 10.84" W	rky	h, Silt
42° 24' 43.04" N	070° 52' 41.69" W	so	M, S
42° 24' 50.28" N	070° 53' 14.64" W	so	M, S, Sh
42° 24' 35.62" N	070° 53' 48.08" W	sy	S, M
42° 24' 02.62" N	070° 55' 53.84" W	h	P, St, S
42° 22' 40.45" N	070° 55' 05.72" W	so	S
42° 24' 33.28" N	070° 57' 23.05" W	so	Silt
42° 24' 45.28" N	070° 56' 15.40" W	f S	Sh, f S
42° 24' 09.66" N	070° 56' 52.29" W	h	St, Silt
42° 24' 06.00" N	070° 55' 27.54" W	h	P, Sh
42° 25' 13.53" N	070° 53' 50.10" W	h	P
42° 26' 05.58" N	070° 54' 14.15" W	sy	M