U.S. Coast Guard Boston Approach Buoy

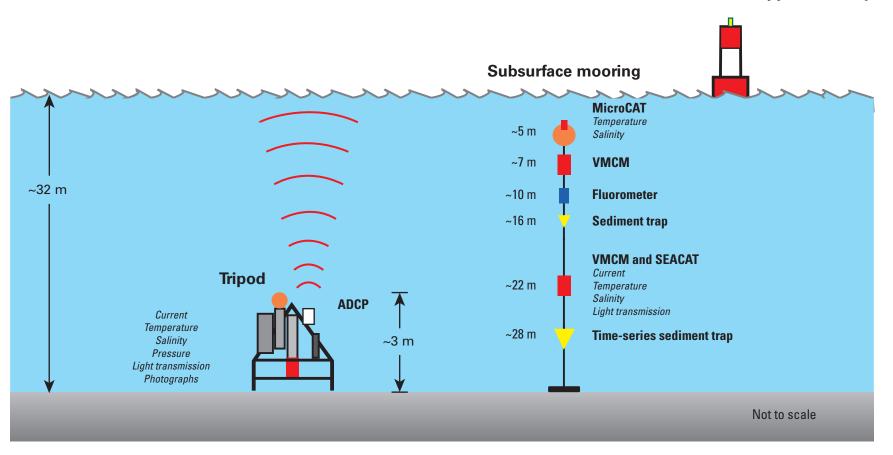


Figure 11A. Schematic diagram of moored instruments deployed at site LT-A in western Massachusetts Bay (figs. 1 and 4) from 2003 to 2006. During this period, instruments were deployed on a subsurface mooring and on a bottom tripod. Nominal measurement depths for temperature, salinity, and current velocity (red rectangles) were 5 meters, 22 meters (10 meters above bottom) and 31 meters (1 meter above bottom). The acoustic Doppler current profiler (ADCP), mounted on the bottom tripod, obtains a profile of current throughout the water column in 2-meter bins. [m, meters; VMCM, vector-measuring current meter; ~, about]