

**WESTERN MASSACHUSETTS BAY
LONG-TERM MONITORING
SITE A (1994 - 1996)**

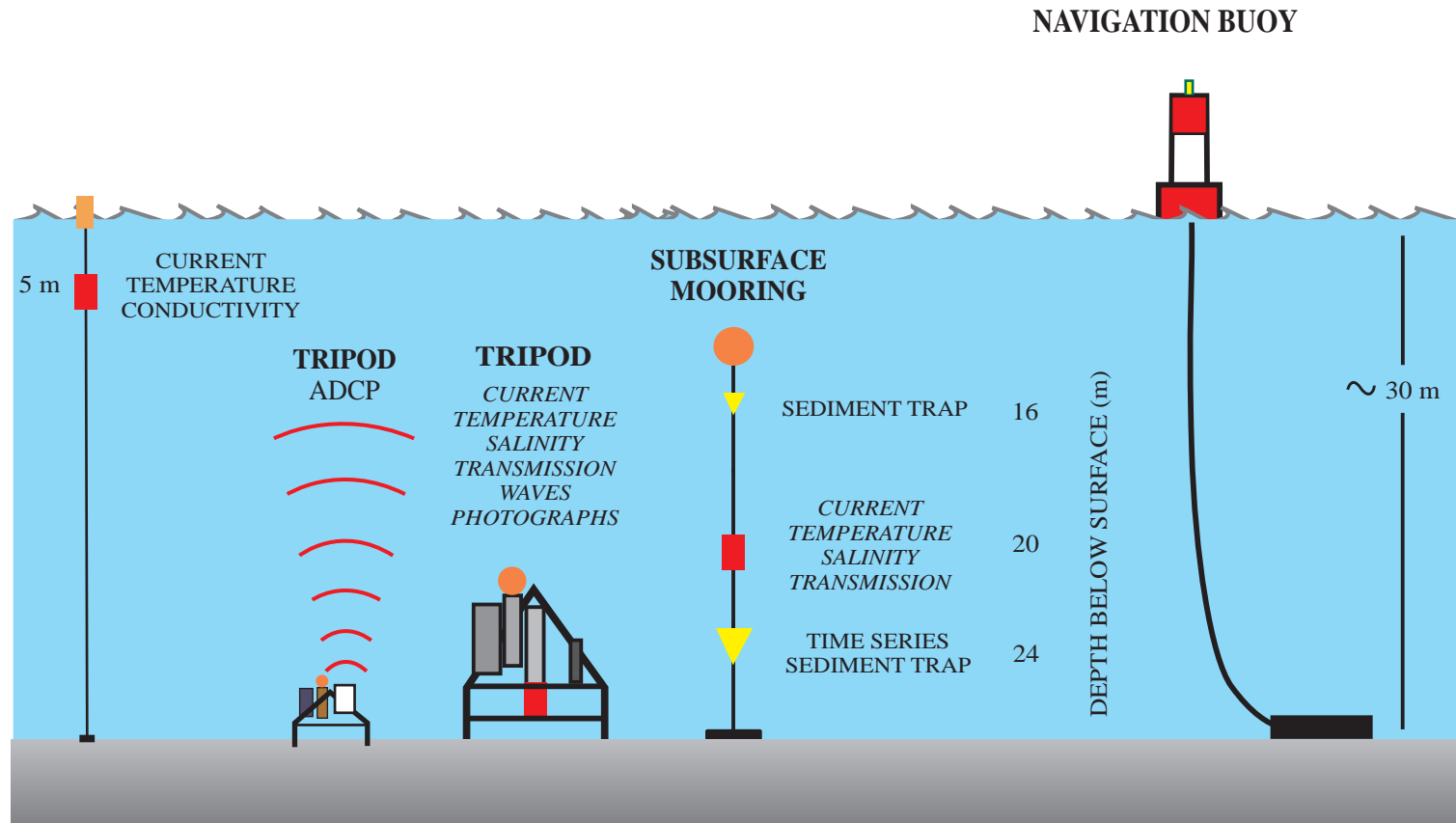


Figure 7A. Schematic of moored instruments deployed at the long-term western Massachusetts Bay Site A (figure 1 and figure 4) from 1994 to 1996. During this period, instruments were deployed on a light surface mooring and on a subsurface mooring (one to obtain near-surface and one for mid-depth observations), and on two bottom tripod systems (one for the Acoustic Doppler Current Profiler (ADCP) and one for near-bottom observations). Nominal measurement depths are 1 m above bottom (mab), 10 mab, and 5 m below the surface. The ADCP, mounted on the bottom tripod, obtains a profile of current throughout the water column in 2-m bins. Several configurations were used for the surface mooring (both slack moored and taut moored with elastic tethers). The surface mooring was difficult to maintain in this high traffic area.