

Variable	Platform	Sensor	Sensor accuracy/ sensitivity	Frequency of measurements
Temperature/ salinity	Buoys (E1-M3A, HCB, AB, PB) Ferrybox	SBE 16plus-IMP C-T-P	$\pm 0.005\text{ }^{\circ}\text{C/}$	180 min
		SBE 37 IM C-T	$\pm 0.0005\text{ S m}^{-1}$	
	R/V (CTD) Glider	Thermosalinometer SBE 45	$\pm 0.005\text{ }^{\circ}\text{C/}$	1 min
		SBE 19+ OR SBE 911	$\pm 0.0005\text{ S m}^{-1}$	1 s
		SBE GPCTD (Glider Payload CTD)	$\pm 0.005\text{ }^{\circ}\text{C/}$ $\pm 0.0005\text{ S m}^{-1}$	30 s
Fluorescence (Chl- <i>a</i>)	Buoys (E1-M3A, AB, PB) Ferrybox	WET Labs FLNTU	$0.025\text{ }\mu\text{g L}^{-1}\text{ Chl}$	180 min
		Scufa II Turner Design	$0.02\text{ }\mu\text{g L}^{-1}\text{ Chl}$	1 min
	R/V (CTD)	WET Labs ECO-AFL/FL 9 or Chelsea Aqua 3	$0.025\text{ }\mu\text{g L}^{-1}\text{ Chl}$	1 s
Dissolved oxygen	Buoys (E1-M3A, AB, PB)	SBE 43/	$\pm 2\text{ }%$	180 min
		SBE 63/	$\pm 2\text{ }%$	
		Aanderaa optode	$\pm 5\text{ }%$	
	Ferrybox Bio-Argos R/V (CTD) Glider	Aanderaa optode	$\pm 5\text{ }%$	1 min
		Aanderaa optode	$\pm 5\text{ }%$	1 min
		SBE 43	$\pm 2\text{ }%$	1 s
		SBE 43F	$\pm 2\text{ }%$	30 s
Turbidity	R/V (CTD)	WET Labs ECO FLNTU	0.013 NTU	1 s
PAR/irradiance	R/V (CTD)	Biospherical/LI-COR	NA	1 s
pH	Buoy (E1-M3A)	Sensor LabpH	$\pm 0.005\text{ pH units}$	180 min
	Ferrybox	Meinsberg probe	$\pm 0.3\text{ pH units}$	1 min
$p\text{CO}_2$	Ferrybox	Contros CO ₂	$\pm 0.5\text{ }%$	1 min
	Buoy (E1-M3A)	Pro-Oceanus	2 ppm	180 min
ADCP (backscattering)	Buoy (E1-M3A)	Teledyne RDI 75 kHz	$\pm 1\text{ }%$	180 min