

Table 1: Abbreviations of GBF-OOI Major Instruments

<i>Abbreviation</i>	<i>Full name</i>	<i>Objective</i>	<i>Mooring</i>
ADA	A utonomous D epth A ddjuster	Instruments depth adjustment	A, C
AMS	A utomated M icrobial S ampler	Discrete microbe, DNA collector	D
DOM	A dvanced D eep O cean M ooring	Support instruments	A, B, C, D
ESP	E nvironmental S ample P rocessor	In situ genomics assay	C
EM-Hose	Super-stretchable EOM EM-Hose	Stable deployment of ESP	C
EMP	E uphotic M icro P rofiler	Daily profiling between 0-200 m	A
IPS	I ncubation P roductivity S ampler	Primary production incubation	A
LSB	L arge-mass S teel B uoy	Large Steel Mass Flotation	C
MG-Buoy	M icro G rid power genetating B uoy	Power genertors, sat. transmision,	C
MMP	M ulti-purpose M oored P rofiler	Deep water profiler, wire crawler	A
RAS	R emote A ccess S ampler	Time-series water sample caster	D
SFF	Larger S yntactic F orm F lotation	Large Syntactic Form Flotation	A, B, D
TS-trap	T ime- s eries sediment trap	Export flux measurement, programable	B
WTS	W ater T ransfer S ystem	In situ suspended particle filtration	D