

Station List: Pioneer 17, R/V *Armstrong*, Oct-Nov 2021

See timeline for order of occupation; some sites are occupied more than once

"Mooring Turn" implies recovery of one mooring and deployment of another

Name	Code	Lat	Lon	Water Depth	Comments
Upstream-Inshore	UI	40 21.9	70 46.5	95 m	profiler recovery, CTD
Inshore	IS	40 21.8	70 53.0	95 m	surface mooring turn, CTD profiler mooring deployment,
Central-Inshore	CI	40 13.6	70 53.0	127 m	profiler mooring turn, CTD
Central	CN	40 08.2	70 46.5	135 m	surface mooring turn, CTD profiler mooring deployment,
Central-Offshore	CO	40 05.9	70 53.0	147 m	profiler mooring turn, CTD
Offshore	OS	39 56.4	70 53.0	450 m	surface mooring turn, profiler mooring turn, CTD
Upstream-Offshore	UO	39 56.4	70 46.5	450 m	profiler mooring turn, CTD possible anchor recovery
Cross-shelf 1	CS-1	40 17.6	70 46.5	115 m	part of cross-shelf CTD line
Cross-shelf 2	CS-2	40 13.2	70 46.5	125 m	part of cross-shelf CTD line
Cross-shelf 3	CS-3	40 04.3	70 46.5	140 m	part of cross-shelf CTD line
Cross-shelf 3	CS-4	40 00.4	70 46.5	270 m	part of cross-shelf CTD line
AUV cross 1	AC-1	39 55.3	70 54.1	TBD	AUV cross-shelf mission box
AUV cross 2	AC-2	40 20.0	70 54.1	TBD	AUV cross-shelf mission box
AUV cross 3	AC-3	40 20.0	70 45.4	TBD	AUV cross-shelf mission box
AUV cross 4	AC-4	39 55.3	70 45.4	TBD	AUV cross-shelf mission box
AUV along 1	AL-1	40 12.3	71 05.7	TBD	AUV along-shelf mission box
AUV along 2	AL-2	40 12.3	70 33.3	TBD	AUV along-shelf mission box
AUV along 3	AL-3	40 20.0	70 33.3	TBD	AUV along-shelf mission box
AUV along 4	AL-4	40 20.0	71 05.7	TBD	AUV along-shelf mission box
Gliders	N/A	various	various	various	recoveries and deployments, CTDs
ISSM-11 Anchor	IS	40 21.5629	70 53.1032	93 m	Left on Pioneer 15 Cruise.
PMUO-10 Anchor	UO	39 56.320	70 46.203	447 m	Left on Pioneer 10 Cruise; BRB & Linepack at 386 m depth.
CNPM-3 Anchor	CN	40 08.3495	70 46.7648	132 m	Left on Pioneer 14 Cruise.
PMUI-15 Anchor/Riser	UI	40 24.6400	70 53.0480	87 m	Ragged by fishing vessel. In outbound commercial shipping lane.
CTD Rosette		39 56.3520	70 45.7867	443 m	No bottles mounted (~1000 lb in air, ~800 lb in water)

LTER Stations

Name	Code	Lat	Lon	Water Depth	Comments
LTER1	L1	41 11.80	70 53.0	21 m	
LTER2	L2	41 01.80	70 53.0	47 m	
LTER3	L3	40 51.80	70 53.0	56 m	
LTER4	L4	40 41.80	70 53.0	66 m	
LTER5	L5	40 30.80	70 53.0	75 m	South of shipping channel
LTER6	L6	40 21.80	70 53.0	95 m	OOI Inshore (IS)
LTER7	L7	40 13.60	70 53.0	129 m	OOI Central Inshore (CI)
LTER8	L8	40 08.20	70 46.5	137 m	OOI Central (CN)
LTER9	L9	40 05.90	70 53.0	150 m	OOI Central Offshore (CO)
LTER10	L10	39 56.40	70 53.0	462 m	OOI Offshore (OS)
LTER11	L11	39 46.40	70 53.0	1604 m	
LTER12	L12	39 56.40	70 46.5	465 m	OOI Upstream Offshore (UO)
LTER13	L13	40 21.90	70 46.5	95 m	OOI Upstream Inshore (UI)