

CEMP Appendix BB11: Plankton biomass and/or abundance (PH-2)



Plankton biomass and/or abundance (Common indicator PH-2) as of 20-3-15			
Monitoring Purpose	State	Applicable MSFD GES Criteria	1.4 Habitat distribution 1.6 Habitat condition 1.7 Ecosystem structure 4.3 Abundance/distribution of key trophic groups/species
Monitoring Guidelines / Monitoring Method in place	Use of existing monitoring programme, which employ various sampling and analysis methodologies	Assessment Guidelines	Technical specification/ Testing report PH2
Quality Assurance Procedures in place	CPR time-series has strict internal QA/QC procedures as well as BEUALM accreditation. Fixed stations partly have QA/QC as well as intercalibrations	Assessment tools available	No
Quality Control	CPR time-series has strict internal QA/QC procedures as well as BEUALM accreditation. Fixed stations partly have QA/QC as well as intercalibrations	Data Custodian	SAHFOS
Element Monitored	Biological feature: A description of the production of the key biological species within the plankton community	Database	Continuous Plankton Recorder
Parameter Measured	Species population size: For zooplankton: total copepod abundance For phytoplankton: Abundance and partly bio-volume	Indicator Metric	Copepod Abundance (as a time-series)

Temporal scope	Start date: 1958 End date: 9999 (9999 if ongoing) Monitoring frequency: Monthly	Data submission Frequency/ deadline and link to reporting format	Annual/Seasonal/monthly Deadline Unknown TBC		
Spatial Scope	Territorial waters, EEZ (or similar), Continental Shelf (beyond EEZ), Beyond CP waters (ABNJ)				
Nature of Data	Point data	Aggregation of Data	By subregion		
OSPAR Region	I	II	III	IV	V
Contracting Parties monitoring		FR, SE, UK	UK	UK	
Contracting parties supplying data		FR, SE, UK	UK	UK	
Spatial Resolution (proportion)		n/a	n/a	n/a	
Spatial Resolution (Density)		?	~500 per year	~300 per year	
Contracting Parties with an “opt out”		n/a	n/a	n/a	