

## DOME – Phytoplankton **DRAFT**

### Description of DOME output fields

<b>DOME output field</b>	<b>Description</b>
tblSampleID	Reference to the sample (integer). Unique for a sample
Country	Country that has reported the measurement
MPROG	Monitoring programme (cf. <a href="#">MPROG</a> ). Multiple programmes are possible separated by “~” (ascii 126)
PURPM	Purpose of monitoring (cf. <a href="#">PURPM</a> ). Multiple purposes possible separated by “~” (ascii 126)
STATN	Station name as reported
HELCOM_subbasin	Name of the HELCOM subbasin
RLABO	Reporting institute (cf. <a href="#">RLABO</a> )
ALABO	Analytical laboratory (cf. <a href="#">RLABO</a> )
SLABO	Sampling laboratory (cf)
HELCOM_L4_units	HELCOM assessment units (level 4) including WFD coastal and transitional waters
Latitude	Latitude of measurement (decimal degrees)
Longitude	Longitude of measurement (decimal degrees)
MNDEP	Minimum depth of sample (m)
MXDEP	Maximum depth of sample (m)
MYEAR	Monitoring year. Note that MYEAR may not always be identical to the year in date of sampling
DATE	Date of sampling (DD/MM/YYYY)
Year	Year of sampling (integer YYYY)
Month	Month of sampling (integer MM)
Day	Day of sampling (integer DD)
Season	<b>Currently not specified</b>
RLIST	Reference code list used for species (cf <a href="#">RLIST</a> )
Species	Species/taxon name of examined specimen, as reported by submitter
SFLAG	Species flag (cf. <a href="#">SFLAG</a> ). Multiple purposes possible separated by “~” (ascii 126)
SIZCL	Size class (value from reference in SIZRF)
SIZRF	Size class reference list (cf. <a href="#">SIZRF</a> )
TRPHY	Trophic status of the species (cf. <a href="#">TRPHY</a> )
STAGE	Developmental stage of the species (cf. <a href="#">STAGE</a> )
COEFF	Coefficient

CPORT	Number of portions counted from split sample
NPORT	Number of portions in split sample
Value	Value measured
PARAM	Measured parameter (cf. <a href="#">PARAM</a> )
PARAM_desc	Measured parameter full name
MUNIT	Measurement unit (cf. <a href="#">MUNIT</a> )
final_value	For values that are reported as a number only (eg. 'nr' or 'g') the final concentration (eg. 'nr/l' or 'g/l') is calculated as number*COEFF. If value is reported as a concentration, final_value and value are identical
Final_value_unit	The unit of the final value
PEG_count_per_litre	The number of counting units per litre. This value is only calculated for abundance numbers reported with the size reference class list (SIZRF) 'PEG_BVOL'
PEG_volume_ug_per_litre	Biovolume ( $\mu\text{g}$ ) per litre. This value is only calculated for abundance numbers reported with the size reference class list (SIZRF) 'PEG_BVOL'. The conversion from count per litre to biovolume per litre is done using conversion factors from the PEG biovolume list (cf <a href="#">PEG biovolume</a> )
PEG_carbon_ug_per_litre	Carcon ( $\mu\text{g}$ ) per litre. This value is only calculated for abundance numbers reported with the size reference class list (SIZRF) 'PEG_BVOL'. The conversion from count per litre to carbon ( $\mu\text{g}$ ) per litre is done using conversion factors from the PEG biovolume list (cf <a href="#">PEG biovolume</a> )
METOA	Method of analysis (cf. <a href="#">METOA</a> )
MAGNI	Magnification
SMVOL	Total sample volume (l)
SDVOL	Sedimentation volume (ml)
METFP	Method of chemical fixation/preservation (cf. <a href="#">METFP</a> )
QFLAG	Qualifier flag for measured value, i.e. "<" (cf. <a href="#">QFLAG</a> ). Multiple flags possible separated by "~" (ascii 126)
VFLAG	Validity flag, i.e. "S" suspect value (cf. <a href="#">VFLAG</a> ). Multiple flags possible separated by "~" (ascii 126)
FINFL	Factors potentially influencing guideline compliance and interpretation of data (cf. <a href="#">FINFL</a> )
SMTYP	Sampler type (cf. <a href="#">SMTYP</a> )
REFSK	Reference source or key (cf. <a href="#">REFSK</a> )
FORML	Formula used in calculation (cf. <a href="#">FORML</a> )

PEG_species	Species name as listed in the PEG biovolume list (cf <a href="#">PEG biovolume</a> ). The reported species name may be considered a synonym and can therefore be different
PEG_division	Taxonomic division as listed in the PEG biovolume list (cf <a href="#">PEG biovolume</a> )
PEG_class	Taxonomic class as listed in the PEG biovolume list (cf <a href="#">PEG biovolume</a> )
PEG_order	Taxonomic order as listed in the PEG biovolume list (cf <a href="#">PEG biovolume</a> )
PEG_SFLAG	Species flag (cf. <a href="#">SFLAG</a> ) as listed in the PEG biovolume list (cf <a href="#">PEG biovolume</a> )
PEG_STAGE	Developmental stage of the species (cf. <a href="#">STAGE</a> ) as listed in the PEG biovolume list (cf <a href="#">PEG biovolume</a> )
PEG_AphiaID	Reference to a taxonomic unit in 'World Register of Marine Species' (cf <a href="#">WoRMS</a> )
PEG_TRPHY	Trophic status of the species (cf. <a href="#">TRPHY</a> ) as listed in the PEG biovolume list (cf <a href="#">PEG biovolume</a> )
PEG_geometric_shape	Geometric shape as listed in the PEG biovolume list (cf <a href="#">PEG biovolume</a> )
PEG_formula	Formula for calculating biovolume as listed in the PEG biovolume list (cf <a href="#">PEG biovolume</a> )
PEG_cells_no_per_counting_unit	The number of cells per counting unit as listed in the PEG biovolume list (cf <a href="#">PEG biovolume</a> )
PEG_volume_um3_per_counting_unit	Biovolume ( $\mu\text{m}^3$ ) per counting unit as listed in the PEG biovolume list (cf <a href="#">PEG biovolume</a> )
PEG_carbon_pg_per_counting_unit	Carbon content (pg) per counting unit as listed in the PEG biovolume list (cf <a href="#">PEG biovolume</a> )
PEG_sizerange	Size range of counting unit as listed in the PEG biovolume list (cf <a href="#">PEG biovolume</a> )
tblUploadID	Reference to the uploaded submission (integer). Unique for a submission
tblSpotID	Reference to the sampling event (integer). Unique for a sampling event
tblParamID	Reference to the measurement (integer). Unique for the data table