

Type of Data:

Event Information (Tier 1) – For sampling EVENT includes information such as location, collection date, and abiotic factors. A sampling event is the deployment of any gear, whether it collects biotic or abiotic factors.

Abundance and Biomass (Tier 2 & 3) – For COLLECTION and SPECIE(S) includes information pertaining to the gear used and the sampling effort, including any subsampling regime as well as information related to the total catch (e.g. total abundance and total weight) for any species with available data. Output will include “zero catch” collection for query selected species.

Length Frequency (Tier 3) – For a SPECIE(S) includes species-specific length frequency information related to the subsample (relative number measured) and the total (total number collected) within each COLLECTION.

Individual Specimen (Tier 4) – For single individuals of a species, (SPECIMEN) includes unique information (e.g. length, weight, sex, and disease disposition).

Tagging Information (Tier 4) – For single individuals of a species (SPECIMEN) includes specimen tagging related information (e.g. tag number, tag type, capture and release status, and tagging status).

Table. 1. Variable fields included in the output for each “Type of Data” listed above. Linkage variables fields that may be useful to identify a set of related records linking COLLECTION of the output are denoted with an asterisk (*). Note: This does not reflect actual output order and empty rows are space holders to visually display the similarities across queries and will not be displayed in output.

Event Information	Abundance & Biomass	Length Frequency	Individual Specimen	Tagging Information
PROJECTNAME*	PROJECTNAME*	PROJECTNAME*	PROJECTNAME*	PROJECTNAME*
PROJECTAGENCY	PROJECTAGENCY	PROJECTAGENCY	PROJECTAGENCY	PROJECTAGENCY
DATE	DATE	DATE	DATE	DATE
EVENTNAME	EVENTNAME	EVENTNAME	EVENTNAME	EVENTNAME
COLLECTIONNUMBER*	COLLECTIONNUMBER*	COLLECTIONNUMBER*	COLLECTIONNUMBER*	COLLECTIONNUMBER*
VESSELNAME	VESSELNAME	VESSELNAME	VESSELNAME	VESSELNAME
GEARNAME*	GEARNAME*	GEARNAME*	GEARNAME*	GEARNAME*
GEARCODE*	GEARCODE*	GEARCODE*	GEARCODE*	GEARCODE*
TOWTYPE	TOWTYPE	TOWTYPE	TOWTYPE	TOWTYPE
AREACODE	AREACODE	AREACODE	AREACODE	AREACODE
REGION	REGION	REGION	REGION	REGION
DEPTHZONE	DEPTHZONE	DEPTHZONE	DEPTHZONE	DEPTHZONE
STATIONCODE	STATIONCODE	STATIONCODE	STATIONCODE	STATIONCODE
EVENTTYPE	EVENTTYPE	EVENTTYPE	EVENTTYPE	EVENTTYPE
TEMPSURFACE	TEMPSURFACE	TEMPSURFACE	TEMPSURFACE	TEMPSURFACE
TEMPBOTTOM	TEMPBOTTOM	TEMPBOTTOM	TEMPBOTTOM	TEMPBOTTOM
SALINITYSURFACE	SALINITYSURFACE	SALINITYSURFACE	SALINITYSURFACE	SALINITYSURFACE
SALINITYBOTTOM	SALINITYBOTTOM	SALINITYBOTTOM	SALINITYBOTTOM	SALINITYBOTTOM
SDO	SDO	SDO	SDO	SDO
BDO	BDO	BDO	BDO	BDO
LIGHTPHASE				
TIMESTART	TIMESTART			
TIMEZONE				
DURATION	DURATION	DURATION	DURATION	DURATION
DEPTHSTART				
DEPTHEND				
PRESSURE				
WINDSPEED				
WINDDIRECTION				

Event Information	Abundance & Biomass	Length Frequency	Individual Specimen	Tagging Information
WAVEHEIGHT				
TEMPAIR	TEMPAIR			
PRECIPITATION				
ESTIMATEDLOC				
LATITUDESTART	LATITUDESTART	LATITUDESTART	LATITUDESTART	LATITUDESTART
LATITUDEEND	LATITUDEEND	LATITUDEEND	LATITUDEEND	LATITUDEEND
LONGITUDESTART	LONGITUDESTART	LONGITUDESTART	LONGITUDESTART	LONGITUDESTART
LONGITUDEEND	LONGITUDEEND	LONGITUDEEND	LONGITUDEEND	LONGITUDEEND
SEDSIZE				
BTMCOMP				
WEATHERDESC				
WATERLEVELDESC				
ALTERATION				
ACTIVITY				
NbrRep				
ACCSP GridCODE	ACCSP GridCODE	ACCSP GridCODE	ACCSP GridCODE	ACCSP GridCODE
COMMENTS				
	SPECIESCODE*	SPECIESCODE*	SPECIESCODE*	SPECIESCODE*
	MRRI_CODE	MRRI_CODE	MRRI_CODE	MRRI_CODE
	SPECIESSCIENTIFICNAME	SPECIESSCIENTIFICNAME	SPECIESSCIENTIFICNAME	SPECIESSCIENTIFICNAME
	SPECIESCOMMONNAME	SPECIESCOMMONNAME	SPECIESCOMMONNAME	SPECIESCOMMONNAME
	SPSTATUS*	SPSTATUS*	SPSTATUS*	SPSTATUS*
	NUMBERTOTAL			
	SPECIESTOTALWEIGHT	SPECIESTOTALWEIGHT	SPECIESTOTALWEIGHT	SPECIESTOTALWEIGHT
	SPECIESSUBWEIGHT			
	SPECIESWTPROCESSED			
	WEIGHTMETHODDESC			
	ORGWTUNITS	ORGWTUNITS	ORGWTUNITS	ORGWTUNITS
	EFFORT	EFFORT	EFFORT	EFFORT
	CATCHSUBSAMPLED			
	CATCHWEIGHT			
	CATCHSUBWEIGHT			
		LENGTHUNITS		
		LENGTHTYPECODE		
		LENGTH		
		NUMMEAS	NUMMEAS	NUMMEAS
		TOTALNUM	TOTALNUM	TOTALNUM
			SPECIMENNUMBER*	SPECIMENNUMBER*
			LEN1	
			LEN1_TYPE	
			LEN2	
			LEN2_TYPE	
			LEN3	
			LEN3_TYPE	
			LEN4	
			LEN4_TYPE	
			ORGLUNITS	
			WEIGHT	
			ESTIMATEDWEIGHT	
			SEXDESCRIPTION	
			MATURITYDESCRIPTION	
			DISEASEDESC	
				FISHCODE
				TAG_1
				TAGTYPEID_1
				TAG_2
				TAGTYPEID_2
				TAG_3
				TAGTYPEID_3
				RECAPOCC
				SEX
				BAITTYPE
				HOOKEDLOC
				DRUMMING
				DISTANCE
				DISTANCECALC
				STATUS

Event Information	Abundance & Biomass	Length Frequency	Individual Specimen	Tagging Information
				DISPOSITION
				TAGGINGSTATUS
				RELEASELATITUDE
				RELEASELONGITUDE
LASTUPDATED	LASTUPDATED	LASTUPDATED	LASTUPDATED	LASTUPDATED

* Primary keyed variables

Note: This does not reflect actual output order and empty rows are space holders to visually display the similarities across queries and will not be displayed in output and empty rows are space holders to visually display the similarities across data types and will not be displayed in output.

Table 2. Actual output order for variable fields included in the output for each “Type of Data” listed above. Linkage variables fields that may be useful to identify a set of related records linking COLLECTION of the output are denoted with an asterisk (*).

Event Information	Abundance & Biomass	Length Frequency	Individual Specimen	Tagging Information
PROJECTNAME*	PROJECTNAME*	PROJECTNAME*	PROJECTNAME*	PROJECTNAME*
PROJECTAGENCY	PROJECTAGENCY	PROJECTAGENCY	PROJECTAGENCY	PROJECTAGENCY
DATE	DATE	DATE	DATE	DATE
EVENTNAME	EVENTNAME	EVENTNAME	EVENTNAME	EVENTNAME
COLLECTIONNUMBER*	COLLECTIONNUMBER*	COLLECTIONNUMBER*	COLLECTIONNUMBER*	COLLECTIONNUMBER*
VESSEL NAME	VESSEL NAME	VESSEL NAME	VESSEL NAME	VESSEL NAME
GEARNAME*	GEARNAME*	GEARNAME*	GEARNAME*	GEARNAME*
GEARCODE*	GEARCODE*	GEARCODE*	GEARCODE*	GEARCODE*
TOWTYPE	SPECIESCODE*	SPECIESCODE*	SPECIESCODE*	SPECIESCODE*
AREACODE	MRR_I_CODE	MRR_I_CODE	MRR_I_CODE	MRR_I_CODE
REGION	SPECIESSCIENTIFICNAME	SPECIESSCIENTIFICNAME	SPECIESSCIENTIFICNAME	SPECIESSCIENTIFICNAME
DEPTHZONE	SPECIESCOMMONNAME	SPECIESCOMMONNAME	SPECIESCOMMONNAME	SPECIESCOMMONNAME
STATIONCODE	NUMBERTOTAL	LENGTHUNITS	SPECIMENNUMBER*	FISHCODE
EVENTTYPEDESCRIPTION	SPECIESTOTALWEIGHT	LENGTHTYPECODE	LEN1	SPECIMENNUMBER*
TEMPSURFACE	SPECIESSUBWEIGHT	LENGTH	LEN1_TYPE	TAG_1
TEMPBOTTOM	SPECIESWTPROCESSED	NUMMEAS	LEN2	TAGTYPEID_1
SALINITYSURFACE	WEIGHTMETHODDESC	TOTALNUM	LEN2_TYPE	TAG_2
SALINITYBOTTOM	ORGWTUNITS	TOWTYPE	LEN3	TAGTYPEID_2
LIGHTPHASE	EFFORT	AREACODE	LEN3_TYPE	TAG_3
TIMESTART	CATCHSUBSAMPLED	REGION	LEN4	TAGTYPEID_3
TIMEZONE	CATCHWEIGHT	DEPTHZONE	LEN4_TYPE	RECAPOCC
DURATION	CATCHSUBWEIGHT	ACCSP_GridCODE	ORGLUNITS	SEX
DEPTHSTART	TIMESTART	STATIONCODE	WEIGHT	BAITTYPE
DEPTHEND	DURATION	EVENTTYPEDESCRIPTION	ORGWTUNITS	HOOKEDLOC
PRESSURE	TOWTYPE	TEMPSURFACE	ESTIMATEDWEIGHT	DRUMMING
WINDSPEED	AREACODE	TEMPBOTTOM	SEXDESCRIPTION	DISTANCE
WINDDIRECTION	REGION	SALINITYSURFACE	MATURITYDESCRIPTION	DISTANCECALC
WAVEHEIGHT	DEPTHZONE	SALINITYBOTTOM	DISEASEDESC	STATUS
TEMPAIR	ACCSP_GridCODE	SDO	BAITTYPE	DISPOSITION
PRECIPITATION	STATIONCODE	BDO	TOWTYPE	TAGGINGSTATUS
ESTIMATEDLOC	EVENTTYPEDESCRIPTION	SPSTATUS	AREACODE	RELEASELATITUDE
LATITUDESTART	TEMPSURFACE	SPECIESTOTALWEIGHT	REGION	RELEASELONGITUDE
LATITUDEEND	TEMPBOTTOM	ORGWTUNITS	DEPTHZONE	TOWTYPE
LONGITUDESTART	SALINITYSURFACE	EFFORT	ACCSP_GridCODE	AREACODE
LONGITUDEEND	SALINITYBOTTOM	DURATION	STATIONCODE	REGION
SDO	SDO	LATITUDESTART	EVENTTYPEDESCRIPTION	DEPTHZONE
BDO	BDO	LATITUDEEND	TEMPSURFACE	ACCSP_GridCODE
SEDSIZE	TEMPAIR	LONGITUDESTART	TEMPBOTTOM	STATIONCODE
BTMCOMP	LATITUDESTART	LONGITUDEEND	SALINITYSURFACE	EVENTTYPEDESCRIPTION
WEATHERDESC	LATITUDEEND	SPSTATUS*	SALINITYBOTTOM	TEMPSURFACE
WATERLEVELDESC	LONGITUDESTART	LASTUPDATED	SDO	TEMPBOTTOM
ALTERATION	LONGITUDEEND		BDO	SALINITYSURFACE
ACTIVITY	SPSTATUS*		DURATION	SALINITYBOTTOM
NbrRep	LASTUPDATED		SPSTATUS*	SDO
ACCSP_GridCODE			SPECIESTOTALWEIGHT	BDO
COMMENTS			ORGWTUNITS	DURATION
LASTUPDATED			EFFORT	SPSTATUS*
			NUMMEAS	SPECIESTOTALWEIGHT
			TOTALNUM	ORGWTUNITS
			LATITUDESTART	EFFORT
			LATITUDEEND	NUMMEAS
			LONGITUDESTART	TOTALNUM

Event Information	Abundance & Biomass	Length Frequency	Individual Specimen	Tagging Information
			LONGITUDEEND	LATITUDESTART
			LASTUPDATED	LATITUDEEND
				LONGITUDESTART
				LONGITUDEEND
				LASTUPDATED