**SOOP – Report templates**

This document contains information to produce reports for the following sub-facilities SOOP – ASF, SOOP – BA, SOOP – CO2, SOOP – CPR, SOOP – SST, SOOP – TMV, SOOP – TRV, and SOOP – XBT. The first part of this document provides information on how to build the data summary report (section 1.1), ‘new data’ report (section 1.2), and ‘missing information’ report (section 1.3) for the whole SOOP facility. The second part of this document provides information on how to build data reports for each sub-facility.

Number of data reports: 11.

# 1. SOOP facility

## 1.1 Data summary

### Filename: ‘SOOP\_Summary’

### Description: ‘Data Summary’

View to use:

|  |  |
| --- | --- |
| **Server** | dbprod.emii.org.au |
| **Database** | harvest |
| **Schema** | reporting |
| **View** | soop\_data\_summary\_view |

Filters: None, all filters have already been applied.

Data sorting options: None, data are already sorted by ASCENDING ‘subfacility’, and then by ASCENDING ‘vessel\_name’.

Data grouping options: Group by ‘subfacility’.

Total: Calculate the total number of vessels, deployments, data files, along with the temporal, latitudinal, longitudinal, and depth range. *Use the following view: ‘totals\_view’; filter by: ‘facility’ = ‘SOOP’.*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **ASF** | **BA** | **CO2** | **CPR-AUS** | **CPR-SO** | **SST** | **TMV** | **TRV** | **XBT** | **TOTAL** |
| ***Total number of vessels (‘no\_platforms’)*** |  |  |  |  |  |  |  |  |  |  |
| ***Total number of deployments (‘no\_deployments’)*** |  |  |  |  |  |  |  |  |  |  |
| ***Total number of data files (‘no\_data’)*** |  |  |  |  |  |  |  |  |  |  |
| ***Temporal range (‘temporal\_range)*** |  |  |  |  |  |  |  |  |  |  |
| ***Latitudinal range (‘lat\_range’)*** |  |  |  |  |  |  |  |  |  |  |
| ***Longitudinal range (‘lon\_range’)*** |  |  |  |  |  |  |  |  |  |  |
| ***Depth range (‘depth\_range’)*** |  |  |  |  |  |  |  |  |  |  |

Footnote: **Headers**: Name of SOOP sub-facility and type of data (*i.e.* near real-time and/or delayed-mode).  
**‘Vessel name’**: Name of SOOP vessels. For the XBT sub-facility: ‘Vessel name | Route'. **‘# deployments’**: Number of deployments/cruises for each vessel.  
**‘# data files’**: Number of data files available through OPeNDAP and the IMOS portal; for the CPR-AUS sub-facility: total number of PCI, phytoplankton, and zooplankton samples, for the CPR-SO sub-facility: total number of PCI and zooplankton samples.  
**‘Start’** Data recording earliest date (format: dd/mm/yyyy).  
**‘End’**: Data recording latest date (format: dd/mm/yyyy).  
**‘Time coverage’**: Total number of days with data for each vessel.   
**‘Mean time to upload data’**: Mean number of days necessary to process and upload data onto the eMII server.  
**‘Mean time to make data public’:** Mean number of days necessary to make data available through Opendap and the IMOS portal from the date the data is on the eMII server.  
**SOOP**: Ships of Opportunity (<http://imos.org.au/soop.html>).  
**ASF**: Air-Sea Fluxes sub-facility (<http://imos.org.au/airseaflux.html>).  
**BA**: Bio-Acoustic sub-facility (<http://imos.org.au/basoop.html>).  
**CO2**: CO2 sub-facility (http://imos.org.au/httpimosorgausoopbiohtml.html).  
**CPR**: Continuous Plankton Recorder (AUS – Australia, SO – Southern Ocean) sub-facility.  
**SST**: Sea Surface Temperature sub-facility (<http://imos.org.au/sst.html>). Four additional vessels recording SST (*i.e.* R/V Southern Surveyor, RV Tangaroa, RV Cape Ferguson, and RV Solander) are not reported in the SST section but in the ASF and TRV sections.  
**TMV**: Temperate Merchant Vessels sub-facility (<http://imos.org.au/temperate.html>).  
**TRV**: Tropical Research Vessels sub-facility (<http://imos.org.au/tropical.html>).  
**XBT**: Expendable Bathythermograph sub-facility (<http://imos.org.au/underwaydata.html>).

### Template

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **vessel\_name** | **no\_deployments** | **no\_data\_files** | **lat\_range** | **lon\_range** | **earliest\_date** | **latest\_date** | **coverage\_duration** | **mean\_days\_to\_process\_and\_upload** | **mean\_days\_to\_make\_public** |
| Vessel name | # deployments | # data files | Latitudinal range | Longitudinal range | Start | End | Time coverage (days) | Mean time to upload data (days) | Mean time to make data public (days) |
| Headers = ‘subfacility’ | | | | | | | | | |
|  |  |  |  |  |  |  |  |  |  |

## 1.2 Data report – New data on the portal (last month)

### Filename: ‘SOOP\_newDeployments’

### Description: ‘New data on the portal (since DATE)’

Views to use:

|  |  |
| --- | --- |
| **Server** | dbprod.emii.org.au |
| **Database** | harvest |
| **Schema** | reporting |
| **Views** | soop\_all\_deployments\_view soop\_cpr\_all\_deployments\_view |

Filters: List all data for which ‘data\_on\_portal’ is less than one month. Use ‘UNION ALL’ in SQL script to combine the results of this query on each view.

Data sorting options: None, data are already sorted by ASCENDING ‘subfacility’, and then by ASCENDING ‘vessel\_name’.

Data grouping options: Group by ‘subfacility’.

Footnote: **Headers**: Name of SOOP sub-facility and type of data (*i.e.* near real-time and/or delayed-mode).  
**‘Vessel name’**: Name of SOOP vessels. For the XBT sub-facility: ‘Vessel name | Route’.  
**‘Start’** Data recording first date (format: dd/mm/yyyy).  
**‘End’**: Data recording last date (format: dd/mm/yyyy).  
**‘Time coverage’**: Number of days with data for each vessel.   
**‘Time to upload data’**: Number of days necessary to process and upload data onto the eMII server from the data recording first date.  
**‘Time to make data public’:** Number of days necessary to make data available through Opendap and the IMOS portal from the date the data is on the eMII server.  
**SOOP**: Ships of Opportunity (<http://imos.org.au/soop.html>).  
**ASF**: Air-Sea Fluxes sub-facility (<http://imos.org.au/airseaflux.html>).  
**BA**: Bio-Acoustic sub-facility (<http://imos.org.au/basoop.html>).  
**CO2**: CO2 sub-facility (http://imos.org.au/httpimosorgausoopbiohtml.html).  
**CPR**: Continuous Plankton Recorder (AUS – Australia, SO – Southern Ocean) sub-facility.  
**SST**: Sea Surface Temperature sub-facility (<http://imos.org.au/sst.html>). Four additional vessels recording SST (*i.e.* R/V Southern Surveyor, RV Tangaroa, RV Cape Ferguson, and RV Solander) are not reported in the SST section but in the ASF and TRV sections.  
**TMV**: Temperate Merchant Vessels sub-facility (<http://imos.org.au/temperate.html>).  
**TRV**: Tropical Research Vessels sub-facility (<http://imos.org.au/tropical.html>).  
**XBT**: Expendable Bathythermograph sub-facility (<http://imos.org.au/underwaydata.html>).

### Template

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **vessel\_name** | **start\_date** | **end\_date** | **coverage\_duration** | **days\_to\_process\_and\_upload** | **days\_to\_make\_public** |
| Vessel name | Start | End | Time coverage (days) | Time to upload data (days) | Time to make data public (days) |
| Headers = ‘subfacility’ | | | | | |
|  |  |  |  |  |  |

## 1.3 Data report – Data with missing information

### Filename: ‘SOOP\_MissingInformation’

### Description: ‘Data with missing information’

Views to use:

|  |  |
| --- | --- |
| **Server** | dbprod.emii.org.au |
| **Database** | harvest |
| **Schema** | reporting |
| **Views** | soop\_all\_deployments\_view soop\_cpr\_all\_deployments\_view |

Filters: List all data for which ‘missing\_info’ IS NOT NULL. Use ‘UNION ALL’ in SQL script to combine the results of this query on each view.

Data sorting options: Sort data by ASCENDING ‘subfacility’, then by ASCENDING ‘missing\_info’, and then by ASCENDING ‘vessel\_name’.

Data grouping options: Group by ‘missing\_info’, sub-group by ‘subfacility’.

Footnote: **Headers**: Name of SOOP sub-facility and type of data (*i.e.* near real-time and/or delayed-mode).  
**Sub-headers**: Type of missing information.  
**‘Vessel name’**: Name of SOOP vessels. For the XBT sub-facility: ‘Vessel name | Route’.  
**‘Start’** Data recording first date (format: dd/mm/yyyy).  
**‘End’**: Data recording last date (format: dd/mm/yyyy).  
**‘Time coverage’**: Number of days with data for each vessel.   
**‘Time to upload data’**: Number of days necessary to process and upload data onto the eMII server from the data recording first date.  
**‘Time to make data public’:** Number of days necessary to make data available through Opendap and the IMOS portal from the date the data is on the eMII server.  
**SOOP**: Ships of Opportunity (<http://imos.org.au/soop.html>).  
**ASF**: Air-Sea Fluxes sub-facility (<http://imos.org.au/airseaflux.html>).  
**BA**: Bio-Acoustic sub-facility (<http://imos.org.au/basoop.html>).  
**CO2**: CO2 sub-facility (http://imos.org.au/httpimosorgausoopbiohtml.html).  
**CPR**: Continuous Plankton Recorder (AUS – Australia, SO – Southern Ocean) sub-facility.  
**SST**: Sea Surface Temperature sub-facility (<http://imos.org.au/sst.html>). Four additional vessels recording SST (*i.e.* R/V Southern Surveyor, RV Tangaroa, RV Cape Ferguson, and RV Solander) are not reported in the SST section but in the ASF and TRV sections.  
**TMV**: Temperate Merchant Vessels sub-facility (<http://imos.org.au/temperate.html>).  
**TRV**: Tropical Research Vessels sub-facility (<http://imos.org.au/tropical.html>).  
**XBT**: Expendable Bathythermograph sub-facility (<http://imos.org.au/underwaydata.html>).

### Template

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **vessel\_name** | **start\_date** | **end\_date** | **coverage\_duration** | **days\_to\_process\_and\_upload** | **days\_to\_make\_public** |
| Vessel name | Start | End | Time coverage (days) | Time to upload data (days) | Time to make data public (days) |
| Headers = ‘subfacility’ | | | | | |
| Sub-headers = ‘missing\_info’ | | | | | |
|  |  |  |  |  |  |

# 2. SOOP sub-facilities

## 2.1 Data report – all SOOP – ASF data available on the portal

### Filename: ‘A\_SOOP\_ASF\_allData\_dataOnPortal’

### Description: ‘All data available on the portal’

View to use:

|  |  |
| --- | --- |
| **Server** | dbprod.emii.org.au |
| **Database** | harvest |
| **Schema** | reporting |
| **View** | soop\_all\_deployments\_view |

Filters: List all data for which ‘subfacility’ = ‘ASF (near real-time)’.

Data sorting options: None, data are already sorted by ASCENDING ‘vessel\_name’.

Data grouping options: None.

Footnote: **‘Start’** Data recording first date (format: dd/mm/yyyy).  
**‘End’**: Data recording last date (format: dd/mm/yyyy).  
**‘Time coverage’**: Number of days with data for each vessel.   
**‘Time to upload data’**: Number of days necessary to process and upload data onto the eMII server from the data recording first date.  
**‘Time to make data public’:** Number of days necessary to make data available through Opendap and the IMOS portal from the date the data is on the eMII server.  
**SOOP**: Ships of Opportunity (<http://imos.org.au/soop.html>).  
**ASF**: Air-Sea Fluxes sub-facility (<http://imos.org.au/airseaflux.html>).

### Template

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **vessel\_name** | **no\_data\_files** | **lat\_range** | **lon\_range** | **start\_date** | **end\_date** | **coverage\_duration** | **days\_to\_process\_and\_upload** | **days\_to\_make\_public** |
| Vessel name | # data files | Latitudinal range | Longitudinal range | Start | End | Time coverage (days) | Time to upload data (days) | Time to make data public (days) |
|  |  |  |  |  |  |  |  |  |

## 2.2 Data report – all SOOP – BA data available on the portal

### Filename: ‘A\_SOOP\_BA\_allData\_dataOnPortal’

### Description: ‘All data available on the portal’

View to use:

|  |  |
| --- | --- |
| **Server** | dbprod.emii.org.au |
| **Database** | harvest |
| **Schema** | reporting |
| **View** | soop\_all\_deployments\_view |

Filters: List all data for which ‘subfacility’ = ‘BA (near real-time & delayed-mode)’.

Data sorting options: None, data are already sorted by ASCENDING ‘vessel\_name’, and then by ASCENDING ‘deployment\_id’.

Data grouping options: Group by ‘vessel\_name’.

Footnote: **Headers**: Vessel names.  
**‘Start’** Data recording first date (format: dd/mm/yyyy).  
**‘End’**: Data recording last date (format: dd/mm/yyyy).  
**‘Time coverage’**: Number of days with data for each cruise.   
**‘Mean time to upload data’**: Mean number of days necessary to process and upload data onto the eMII server from the data recording first date.  
**‘Mean time to make data public’:** Mean number of days necessary to make data available through Opendap and the IMOS portal from the date the data is on the eMII server.  
**SOOP**: Ships of Opportunity (<http://imos.org.au/soop.html>).  
**BA**: Bio-Acoustic sub-facility (<http://imos.org.au/basoop.html>).

### Template

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **deployment\_id** | **no\_data\_files** | **lat\_range** | **lon\_range** | **start\_date** | **end\_date** | **coverage\_duration** | **days\_to\_process\_and\_upload** | **days\_to\_make\_public** |
| Cruise ID | # data files | Latitudinal range | Longitudinal range | Start | End | Time coverage (days) | Mean time to upload data (days) | Mean time to make data public (days) |
| Headers = ‘vessel\_name’ | | | | | | | | |
|  |  |  |  |  |  |  |  |  |

## 2.3 Data report – all SOOP – CO2 data available on the portal

### Filename: ‘A\_SOOP\_CO2\_allData\_dataOnPortal’

### Description: ‘All data available on the portal’

View to use:

|  |  |
| --- | --- |
| **Server** | dbprod.emii.org.au |
| **Database** | harvest |
| **Schema** | reporting |
| **View** | soop\_all\_deployments\_view |

Filters: List all data for which ‘subfacility’ = ‘CO2 (near real-time & delayed-mode)’.

Data sorting options: None, data are already sorted by ASCENDING ‘vessel\_name’, and then by ASCENDING ‘deployment\_id’.

Data grouping options: Group by ‘vessel\_name’.

Footnote: **Headers**: Vessel names.  
**‘Start’** Data recording first date (format: dd/mm/yyyy).  
**‘End’**: Data recording last date (format: dd/mm/yyyy).  
**‘Time coverage’**: Number of days with data for each cruise.   
**‘Time to upload data’**: Number of days necessary to process and upload data onto the eMII server from the data recording first date.  
**‘Time to make data public’:** Number of days necessary to make data available through Opendap and the IMOS portal from the date the data is on the eMII server.  
**SOOP**: Ships of Opportunity (<http://imos.org.au/soop.html>).  
**CO2**: CO2 sub-facility (http://imos.org.au/httpimosorgausoopbiohtml.html).

### Template

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **deployment\_id** | **lat\_range** | **lon\_range** | **start\_date** | **end\_date** | **coverage\_duration** | **days\_to\_process\_and\_upload** | **days\_to\_make\_public** |
| Cruise ID | Latitudinal range | Longitudinal range | Start | End | Time coverage (days) | Time to upload data (days) | Time to make data public (days) |
| Headers = ‘vessel\_name’ | | | | | | | |
|  |  |  |  |  |  |  |  |

## 2.4 Data report – all SOOP – CPR data available on the portal

### Filename: ‘A\_SOOP\_CPR\_allData\_dataOnPortal’

### Description: ‘All data available on the portal’

View to use:

|  |  |
| --- | --- |
| **Server** | dbprod.emii.org.au |
| **Database** | harvest |
| **Schema** | reporting |
| **View** | soop\_cpr\_all\_deployments\_view |

Filters: None, all filters have already been applied.

Data sorting options: None, data are already sorted.

Data grouping options: Group by ‘subfacility’, sub-group by ‘vessel\_route’.

Footnote: **Headers**: Sub-facility.  
**Sub-headers**: Vessel name | Route.   
**‘Start’** Data recording first date (format: dd/mm/yyyy).  
**‘End’**: Data recording last date (format: dd/mm/yyyy).  
**‘Time coverage’**: Number of days with data for each cruise.  
**SOOP**: Ships of Opportunity (<http://imos.org.au/soop.html>).  
**CPR**: Continuous Plankton Recorder (AUS – Australia, SO – Southern Ocean) sub-facility.  
**PCI**: Phytoplankton Colour Index.

### Template

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **deployment\_id** | **no\_pci\_samples** | **no\_phyto\_samples** | **no\_zoop\_samples** | **lat\_range** | **lon\_range** | **start\_date** | **end\_date** | **coverage\_duration** |
| Cruise ID | # PCI samples | # phytoplankton samples | # zooplankton samples | Latitudinal range | Longitudinal range | Start | End | Time coverage (days) |
| Headers = ‘subfacility’ | | | | | | | | |
| Sub-headers = ‘vessel\_route’ | | | | | | | | |
|  |  |  |  |  |  |  |  |  |

## 2.5 Data report – all SOOP – SST data available on the portal

### Filename: ‘A\_SOOP\_SST\_allData\_dataOnPortal’

### Description: ‘All data available on the portal’

View to use:

|  |  |
| --- | --- |
| **Server** | dbprod.emii.org.au |
| **Database** | harvest |
| **Schema** | reporting |
| **View** | soop\_all\_deployments\_view |

Filters: List all data for which ‘subfacility’ = ‘SST (near real-time)’.

Data sorting options: None, data are already sorted by ASCENDING ‘vessel\_name’.

Data grouping options: None.

Footnote: **‘Start’** Data recording first date (format: dd/mm/yyyy).  
**‘End’**: Data recording last date (format: dd/mm/yyyy).  
**‘Time coverage’**: Number of days with data for each vessel.   
**‘Time to upload data’**: Number of days necessary to process and upload data onto the eMII server from the data recording first date.  
**‘Time to make data public’:** Number of days necessary to make data available through Opendap and the IMOS portal from the date the data is on the eMII server.  
**SOOP**: Ships of Opportunity (<http://imos.org.au/soop.html>).  
**SST**: Sea Surface Temperature sub-facility (<http://imos.org.au/sst.html>). Four additional vessels recording SST (*i.e.* R/V Southern Surveyor, RV Tangaroa, RV Cape Ferguson, and RV Solander) are not reported in this SST report but in the ASF and TRV reports.

### Template

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **vessel\_name** | **no\_data\_files** | **lat\_range** | **lon\_range** | **start\_date** | **end\_date** | **coverage\_duration** | **days\_to\_process\_and\_upload** | **days\_to\_make\_public** |
| Vessel name | # data files | Latitudinal range | Longitudinal range | Start | End | Time coverage (days) | Time to upload data (days) | Time to make data public (days) |
|  |  |  |  |  |  |  |  |  |

## 2.6 Data report – all SOOP – TMV data available on the portal

### Filename: ‘A\_SOOP\_TMV\_allData\_dataOnPortal’

### Description: ‘All data available on the portal’

View to use:

|  |  |
| --- | --- |
| **Server** | dbprod.emii.org.au |
| **Database** | harvest |
| **Schema** | reporting |
| **View** | soop\_all\_deployments\_view |

Filters: List all data for which ‘subfacility’ = ‘TMV (delayed-mode)’.

Data sorting options: None, data are already sorted by ASCENDING ‘vessel\_name’, and then by ASCENDING ‘deployment\_id’.

Data grouping options: Group by ‘vessel\_name’.

Footnote: **Headers**: Vessel names.  
**‘Start’** Data recording first date (format: dd/mm/yyyy).  
**‘End’**: Data recording last date (format: dd/mm/yyyy).  
**‘Time coverage’**: Number of days with data for each cruise.   
**‘Time to upload data’**: Number of days necessary to process and upload data onto the eMII server from the data recording first date.  
**‘Time to make data public’:** Number of days necessary to make data available through Opendap and the IMOS portal from the date the data is on the eMII server.  
**SOOP**: Ships of Opportunity (<http://imos.org.au/soop.html>).  
**TMV**: Temperate Merchant Vessels sub-facility (<http://imos.org.au/temperate.html>).

### Template

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **deployment\_id** | **no\_data\_files** | **lat\_range** | **lon\_range** | **start\_date** | **end\_date** | **coverage\_duration** | **days\_to\_process\_and\_upload** | **days\_to\_make\_public** |
| Cruise ID | # data files | Latitudinal range | Longitudinal range | Start | End | Time coverage (days) | Time to upload data (days) | Time to make data public (days) |
| Headers = ‘vessel\_name’ | | | | | | | | |
|  |  |  |  |  |  |  |  |  |

## 2.7 Data report – all SOOP – TRV data available on the portal

### Filename: ‘A\_SOOP\_TRV\_allData\_dataOnPortal’

### Description: ‘All data available on the portal’

View to use:

|  |  |
| --- | --- |
| **Server** | dbprod.emii.org.au |
| **Database** | harvest |
| **Schema** | reporting |
| **View** | soop\_all\_deployments\_view |

Filters: List all data for which ‘subfacility’ = ‘TRV (delayed-mode)’.

Data sorting options: None, data are already sorted by ASCENDING ‘vessel\_name’, and then by ASCENDING ‘deployment\_id’.

Data grouping options: Group by ‘vessel\_name’.

Footnote: **Headers**: Vessel names.  
**‘Start’** Data recording first date (format: dd/mm/yyyy).  
**‘End’**: Data recording last date (format: dd/mm/yyyy).  
**‘Time coverage’**: Number of days with data for each cruise.   
**‘Mean time to upload data’**: Mean number of days necessary to process and upload data onto the eMII server from the data recording first date.  
**‘Mean time to make data public’:** Mean number of days necessary to make data available through Opendap and the IMOS portal from the date the data is on the eMII server.  
**SOOP**: Ships of Opportunity (<http://imos.org.au/soop.html>).  
**TRV**: Tropical Research Vessels sub-facility (<http://imos.org.au/tropical.html>).

### Template

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **deployment\_id** | **no\_data\_files** | **lat\_range** | **lon\_range** | **start\_date** | **end\_date** | **coverage\_duration** | **days\_to\_process\_and\_upload** | **days\_to\_make\_public** |
| Cruise ID | # data files | Latitudinal range | Longitudinal range | Start | End | Time coverage (days) | Mean time to upload data (days) | Mean time to make data public (days) |
| Headers = ‘vessel\_name’ | | | | | | | | |
|  |  |  |  |  |  |  |  |  |

## 2.8 Data report – all SOOP – XBT data available on the portal

### Filename: ‘A\_SOOP\_XBT\_allData\_dataOnPortal’

### Description: ‘All data available on the portal’

View to use:

|  |  |
| --- | --- |
| **Server** | dbprod.emii.org.au |
| **Database** | harvest |
| **Schema** | reporting |
| **View** | soop\_all\_deployments\_view |

Filters: List all data for which ‘subfacility’ = ‘XBT (near real-time & delayed-mode)’.

Data sorting options: None, data are already sorted by ASCENDING ‘vessel\_name’, then by ASCENDING ‘deployment\_id’, and then by ASCENDING ‘year’.

Data grouping options: Group by ‘vessel\_name’, sub-group by ‘deployment\_id’.

Footnote: **Headers**: Vessel name | Route.  
**Sub-headers**: Deployment ID.   
**‘Start’** Data recording first date (format: dd/mm/yyyy).  
**‘End’**: Data recording last date (format: dd/mm/yyyy).  
**‘Time coverage’**: Number of days with data for each year.   
**‘Time to upload data’**: Number of days necessary to process and upload data onto the eMII server from the data recording first date.  
**‘Time to make data public’:** Number of days necessary to make data available through Opendap and the IMOS portal from the date the data is on the eMII server.  
**SOOP**: Ships of Opportunity (<http://imos.org.au/soop.html>).  
**XBT**: Expendable Bathythermograph sub-facility (<http://imos.org.au/underwaydata.html>).

### Template

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **year** | **no\_data\_files** | **no\_profiles** | **lat\_range** | **lon\_range** | **start\_date** | **end\_date** | **coverage\_duration** | **days\_to\_process\_and\_upload** | **days\_to\_make\_public** |
| Year | # data files | # profiles | Latitudinal range | Longitudinal range | Start | End | Time coverage (days) | Time to upload data (days) | Time to make data public (days) |
| Headers = ‘vessel\_name’ | | | | | | | | | |
| Sub-headers = ‘deployment\_id’ | | | | | | | | | |
|  |  |  |  |  |  |  |  |  |  |