**ABOS - Report templates**

This document contains information to produce reports for the following sub-facilities: ASFS-SOFS, DA, SOTS.

Number of data reports: 4.

# 1. ABOS

## 1.1 Data summary

### Filename: ‘ABOS\_ Summary’

### Description: ‘Data summary’

View to use:

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

Filters: None, all filters have already been applied.

Data sorting options: None, data are already sorted.

Total: Calculate for each type of file (*i.e.* aggregated vs. daily) the total number of platforms, data categories recorded, deployments, and FV 1 and FV2 files. Also compute the temporal range of those data. *Use the following view: ‘totals\_view’; filter by: ‘facility’ = ‘ABOS’.*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ***Sub-facility*** | ***Type of file*** | ***Total number of platforms (‘no\_platforms’)*** | ***Total number of data categories (‘no\_instruments’)*** | ***Total number of deployments (‘no\_deployments’)*** | ***Total number of FV1 files (‘no\_data’)*** | ***Total number of FV2 files (‘no\_data2’)*** | ***Temporal range (‘temporal\_range’)*** |
| ***ASFS*** | ***Aggregated files*** |  |  |  |  |  |  |
| ***ASFS*** | ***Daily files*** |  |  |  |  |  |  |
| ***DA*** | ***Aggregated files*** |  |  |  |  |  |  |
| ***SOTS*** | ***Aggregated files*** |  |  |  |  |  |  |
|  | ***TOTAL*** |  |  |  |  |  |  |



Footnote: **Headers:** Type of file (*i.e.* aggregated vs. daily).  
**Sub-headers**: Sub-facility name – Platform name – Data type  
**‘# deployments’**: Total number of times that the mooring has been deployed.   
**‘# FV1’**: Total number of quality controlled datasets.  
**‘# FV2’**: Total number of derived products.  
**‘Start’**: Earliest deployment date (time zone: UTC, format: dd/mm/yyyy).  
**‘End’**: Latest date for which data has been recorded (time zone: UTC, format: dd/mm/yyyy).  
**‘Time coverage’**: Number of days between start and end dates.  
**‘% coverage’:** Number of days with data as a percentage of the time coverage (*i.e.* % coverage = .  
**ABOS:** Australian Bluewater Observing System ([http://imos.org.au/ABOS.html](http://imos.org.au/aatams.html)).  
**ASFS**: Air-Sea Flux Stations sub-facility (<http://imos.org.au/asfs.html>).  
**DA**: Deepwater arrays (<http://imos.org.au/da.html>).  
**EAC**:East Australian Current array.  
**ITF**:Indonesian Throughflow array.  
**SAZ**: Sub-Antarctic Zone.  
**SOFS**: Southern Ocean Flux Station.  
**SOTS**: Southern Ocean Time Series sub-facility (<http://imos.org.au/sots.html>).

### Template

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **data\_category** | **no\_deployments** | **no\_fv1** | **no\_fv2** | **coverage\_start** | **coverage\_end** | **coverage\_duration** | **percent\_coverage** | |
| Data category | # deployments | # FV1 | # FV2 | Start | End | Time coverage (days) | % coverage | |
| Headers: file\_type | | | | | | | |
| Sub-headers: headers | | | | | | | |
|  |  |  |  |  |  |  |  | |

## 1.2 Data report – all data on the portal

### Filename: ‘A\_ABOS\_allData\_dataOnPortal’

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

View to use: ‘

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

Filters: None, all filters have already been applied.

Data sorting options: None, data are already sorted.

Footnote: **Headers:** Type of file (*i.e.* aggregated vs. daily).  
**Sub-headers**: Sub-facility name – Platform name – Data type  
**‘Deployment code’**: Deployment code for a mooring recording a given parameter: ‘Platform name – Deployment number – Year of deployment’.   
**‘# FV1’**: Total number of quality controlled datasets.  
**‘# FV2’**: Total number of derived products.  
**‘Start’**: Earliest deployment date (time zone: UTC, format: dd/mm/yyyy).  
**‘End’**: Latest date for which data has been recorded (time zone: UTC, format: dd/mm/yyyy).  
**‘Time coverage’**: Number of days between start and end dates.  
**ABOS:** Australian Bluewater Observing System ([http://imos.org.au/ABOS.html](http://imos.org.au/aatams.html)).  
**ASFS**: Air-Sea Flux Stations sub-facility (<http://imos.org.au/asfs.html>).  
**DA**: Deepwater arrays (<http://imos.org.au/da.html>).  
**EAC**:East Australian Current array.  
**ITF**:Indonesian Throughflow array.  
**SAZ**: Sub-Antarctic Zone.  
**SOFS**: Southern Ocean Flux Station.  
**SOTS**: Southern Ocean Time Series sub-facility (<http://imos.org.au/sots.html>).

### Template

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **data\_category** | **deployment\_code** | **no\_fv1** | **no\_fv2** | **coverage\_start** | **coverage\_end** | **coverage\_duration** |
| Data category | Deployment code | # FV1 | # FV2 | Start | End | Time coverage (days) |
| Headers: file\_type | | | | | | |
| Sub-headers: headers | | | | | | |
|  |  |  |  |  |  |  |

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

### Filename: ‘B\_ABOS\_newData’

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

View to use:

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

Filters: List all data for which ‘coverage\_start’ is less than one month.

Data sorting options: None, data are already sorted.

Footnote: **Headers:** Type of file (*i.e.* aggregated vs. daily).  
**Sub-headers**: Sub-facility name – Platform name – Data type  
**‘Deployment code’**: Deployment code for a mooring recording a given parameter: ‘Platform name – Deployment number – Year of deployment’.   
**‘# FV1’**: Total number of quality controlled datasets.  
**‘# FV2’**: Total number of derived products.  
**‘Start’**: Earliest deployment date (time zone: UTC, format: dd/mm/yyyy).  
**‘End’**: Latest date for which data has been recorded (time zone: UTC, format: dd/mm/yyyy).  
**‘Time coverage’**: Number of days between start and end dates.  
**ABOS:** Australian Bluewater Observing System ([http://imos.org.au/ABOS.html](http://imos.org.au/aatams.html)).  
**ASFS**: Air-Sea Flux Stations sub-facility (<http://imos.org.au/asfs.html>).  
**DA**: Deepwater arrays (<http://imos.org.au/da.html>).  
**EAC**:East Australian Current array.  
**ITF**:Indonesian Throughflow array.  
**SAZ**: Sub-Antarctic Zone.  
**SOFS**: Southern Ocean Flux Station.  
**SOTS**: Southern Ocean Time Series sub-facility (<http://imos.org.au/sots.html>).

### Template

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **data\_category** | **deployment\_code** | **no\_fv1** | **no\_fv2** | **coverage\_start** | **coverage\_end** | **coverage\_duration** |
| Data category | Deployment code | # FV1 | # FV2 | Start | End | Time coverage (days) |
| Headers: file\_type | | | | | | |
| Sub-headers: headers | | | | | | |
|  |  |  |  |  |  |  |

## 1.4 Data report – Data with missing information

### Filename: ‘C\_ABOS\_MissingInformation’

### Description: ‘Data with missing information’

View to use:

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

Filters: List all data for which ‘coverage\_start’ IS NULL, or ‘coverage\_end’ IS NULL, or ‘deployment\_number’ IS NULL or ‘deployment\_number’=’’.

Data sorting options: None, data are already sorted.

Footnote: **Headers:** Type of file (*i.e.* aggregated vs. daily).  
**Sub-headers**: Sub-facility name – Platform name – Data type  
**‘Deployment code’**: Deployment code for a mooring recording a given parameter: ‘Platform name – Deployment number – Year of deployment’.   
**‘# FV1’**: Total number of quality controlled datasets.  
**‘# FV2’**: Total number of derived products.  
**‘Start’**: Earliest deployment date (time zone: UTC, format: dd/mm/yyyy).  
**‘End’**: Latest date for which data has been recorded (time zone: UTC, format: dd/mm/yyyy).  
**‘Time coverage’**: Number of days between start and end dates.  
**ABOS:** Australian Bluewater Observing System ([http://imos.org.au/ABOS.html](http://imos.org.au/aatams.html)).  
**ASFS**: Air-Sea Flux Stations sub-facility (<http://imos.org.au/asfs.html>).  
**DA**: Deepwater arrays (<http://imos.org.au/da.html>).  
**EAC**:East Australian Current array.  
**ITF**:Indonesian Throughflow array.  
**SAZ**: Sub-Antarctic Zone.  
**SOFS**: Southern Ocean Flux Station.  
**SOTS**: Southern Ocean Time Series sub-facility (<http://imos.org.au/sots.html>).

### Template

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **data\_category** | **deployment\_code** | **no\_fv1** | **no\_fv2** | **coverage\_start** | **coverage\_end** | **coverage\_duration** |
| Data category | Deployment code | # FV1 | # FV2 | Start | End | Time coverage (days) |
| Headers: file\_type | | | | | | |
| Sub-headers: headers | | | | | | |
|  |  |  |  |  |  |  |