**Autonomous Underwater Vehicle - Report templates**

This document contains information to produce reports for the Autonomous Underwater Vehicle facility.

Number of data reports: 3.

# 1. Autonomous Underwater Vehicle

## 1.1 Data summary

### Filename: ‘Autonomous Underwater Vehicle\_Summary’

### Description: ‘Data summary’

View to use:

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

Filters: None, all filters have already been applied.

Data sorting options: None, data are already sorted.

Data grouping options: No grouping required.

Total: Calculate the total number of deployment campaign locations, campaigns, deployment sites, the temporal, latitudinal, and longitudinal range of those data. *Use the following view: ‘totals\_view’; filter by: ‘facility’ = ‘AUV’.*

***Total number of deployment campaign locations (‘no\_projects’): XX  
Total number of deployment campaigns (‘no\_platforms’): XX  
Total number of deployment sites (‘no\_instruments’): XX  
Total number of images (‘no\_data’): XX  
Temporal range (‘temporal\_range’): XX  
Latitudinal range (‘lat\_range’): XX  
Longitudinal range (‘lon\_range’): XX***

Footnote: **Deployment location:** Deployment campaign location.  
**# campaigns**: Number of deployment campaigns.  
**# sites**: Number of discrete sites where dives occurred.  
**# images**: Number of images recorded. **Start**: Earliest deployment date (format: dd/mm/yyyy).  
**End**: Latest deployment date (format: dd/mm/yyyy).  
**# hours of data**: Total number of hours during which data was recorded.  
**Autonomous Underwater Vehicle:** <http://imos.org.au/auv.html>.

### Template

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **location** | **no\_campaigns** | **no\_sites** | **total\_no\_images** | **start\_date** | **end\_date** | **data\_duration** |
| Deployment location | # campaigns | # sites | # images | Start | End | # hours of data |
|  |  |  |  |  |  |  |

## 1.2 Data report – all data on the portal

### Filename: ‘A\_Autonomous Underwater Vehicle\_allData\_dataOnPortal’

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

View to use:

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

Filters: None, all filters have already been applied.

Data sorting options: None, data are already sorted.

Data grouping options: Group by ‘location’, sub-group by ‘campaign’.

Footnote: **Headers:** Deployment campaign location.  
**Sub-headers:** Campaign code = deployment campaign location – deployment date (format: yyyymm).  
**Site code**: AUV deployment site code.  
**# images**: Number of images recorded. **‘Start’**: Deployment start date (format: dd/mm/yyyy).  
**# hours of data**: Number of hours between the data recording start and last dates.  
**Autonomous Underwater Vehicle:** <http://imos.org.au/auv.html>.

### Template

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **site** | **no\_images** | **lat\_min** | **lon\_min** | **start\_date** | **coverage\_duration** |
| Site code | # images | Latitude | Longitude | Start | # hours of data |
| Headers = ‘location’ | | | | | |
| Sub-headers = ‘campaign’ | | | | | |
|  |  |  |  |  |  |

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

### Filename: ‘B\_ Autonomous Underwater Vehicle\_newData’

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

View to use:

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

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

Data sorting options: None, data are already sorted.

Data grouping options: Group by ‘location’, sub-group by ‘campaign’.

Footnote: **Headers:** Deployment campaign location.  
**Sub-headers:** Campaign code = deployment campaign location – deployment date (format: yyyymm).  
**Site code**: AUV deployment site code.  
**# images**: Number of images recorded. **‘Start’**: Deployment start date (format: dd/mm/yyyy).  
**# hours of data**: Number of hours between the data recording start and last dates.  
**Autonomous Underwater Vehicle:** <http://imos.org.au/auv.html>.

### Template

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **site** | **no\_images** | **lat\_min** | **lon\_min** | **start\_date** | **coverage\_duration** |
| Site code | # images | Latitude | Longitude | Start | # hours of data |
| Headers = ‘location’ | | | | | |
| Sub-headers = ‘campaign’ | | | | | |
|  |  |  |  |  |  |