**DATA BUOY COOPERATION PANEL (DBCP)**

**FORMAT FOR NATIONAL REPORTS ON CURRENT AND   
PLANNED BUOY PROGRAMMES**

|  |  |
| --- | --- |
| **Country** | Sweden |
| **Year** | 2022 |

**Please Identify your Programme’s Major Opportunities and Challenges/Risks during the upcoming year and how DBCP can most effectively assist your Programme.**

1. ***CURRENT PROGRAMME:***

**Please Identify your Programme’s Major Opportunities and Challenges/Risks during the upcoming year and how DBCP may assist your Programme.**

|  |  |  |
| --- | --- | --- |
| **Agency or programme** |  | |
| Number and type of buoys | (a) deployed during the year | 9 (4 wave riders, 1 coastal buoy, 1 ocean buoy, 3  moored platforms) |
| (b) operational as of 31 August | 6 |
| (c) reporting on GTS as of 31 August | - |
| Purpose of programme  *(check/uncheck boxes using [\_] or [x] as appropriate)* | (a) operational | [x] |
| (b) met / ocean research | [x] |
| (c) developmental | [x] |
| Main deployment areas | Baltic Sea, Skagerrak and Kattegat | |
| Vandalism incidents | None so far | |

*(repeat table above as often as necessary)*

***2. PLANNED PROGRAMMES:***

|  |  |  |
| --- | --- | --- |
| **Agency or programme** |  | |
| Number and type of buoys | planned for deployment in the next 12 months | 6 (4 wave riders, 1 coastal buoy, 1 ocean buoy) |
| Purpose of programme  *(check/uncheck boxes using [\_] or [x] as appropriate)* | (a) operational | [x] |
| (b) met / ocean research | [x] |
| (c) developmental | [x] |
| Main deployment areas | Baltic Sea, Skagerrak and Kattegat | |

*(repeat table above as often as necessary)*

***3. TECHNICAL DEVELOPMENTS:***

|  |  |
| --- | --- |
| (a) Buoy design |  |
| (b) Instrumentation | 4 out of 4 wave riders have air temperature sensors. |

***4. PUBLICATIONS (on programme plans, technical developments, QC reports, etc.):***

|  |  |  |
| --- | --- | --- |
| ***Ref*** | ***Title*** | ***Type[[1]](#footnote-1)*** |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |

*(repeat rows in the table above as necessary)*

***5. ADDITIONAL COMMENTS:***

|  |  |
| --- | --- |
| (a) Quality of buoy data | * Automatic QC before data base and then manual QC. |
| (b) Communications | * GPS and Iridium |
| (c) Buoy lifetimes |  |
| (d) Data Accessibility[[2]](#footnote-2) | * All buoy data is open data via www.smhi.se |
| (e) New Observations[[3]](#footnote-3) |  |
| (f) GFCS and WIGOS[[4]](#footnote-4) |  |
| (g) Additional Requirements[[5]](#footnote-5) |  |
| (h) DBCP Linkages[[6]](#footnote-6) |  |
| (i) DBCP Excellence Awards[[7]](#footnote-7) | Technology Innovation/ Service to Society |
| (j) Other |  |

Note: It is recommended that this form is filled in electronically and returned also electronically to the Secretariat. A template of the form can be downloaded from the following ftp site:

<ftp://ftp.wmo.int/Documents/PublicWeb/amp/mmop/documents/dbcp/templates/Format-DBCP-National-Reports.doc>

**ANNEX - FORM FOR REPORTING INCIDENTS OF VANDALISM ON DATA BUOYS**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Country** | | | Sweden | | | | | |
| **Contact person e-mail** | | | anna.wranne@smhi.se | | | | | |
| **Year** | **Buoy Location** | | **Type of Buoy**  **(e.g. Tsunami / Met -Ocean Buoy/Drifter/ARGO floats/ Other)** | **Type of damage to buoy** | **Buoy id/WMO id** | **Number of days of transmission lost** | **Cost of replacement** | **Remarks**  **(e.g. whether photos have been taken)** |
| **Latitude** | **Longitude** |
|  |  |  |  |  |  |  |  |  |
| 2021 |  |  | Moored bottom rigg | Dragged from position | - | Lost for 120 days but sensor-system found by fisherman. Sensors found but releaser system never recovered. | Releaser: 8000 Euro |  |
|  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |
| **Efforts taken against vandalism** | | |  | | | | | |
| **Awareness meeting Organised** | | |  | | | | | |
| **Suggestions (if any)** | | |  | | | | | |
| **Photos on Vandalism** | | | (please include pictures if available; and email electronic versions to [cgallage@wmo.int](mailto:cgallage@wmo.int); [support@jcommops.org](mailto:support@jcommops.org)) | | | | | |

Note: It is recommended that this form is filled in electronically and returned electronically also to JCOMMOPS (cgallage@wmo.int; [support@jcommops.org](mailto:support@jcommops.org)). A template of the form can be downloaded from the following ftp site: <ftp://ftp.wmo.int/Documents/PublicWeb/amp/mmop/documents/dbcp/templates/Format-DBCP-Buoy-Vandalism-Reports.doc>

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1. : Types of publications: (1) Implementation, (2) Operations, (3) Instrumentation, (4) Quality Management, (5) Data Management, (6) Data collection and/or location, (7) Data use, (8) Other [↑](#footnote-ref-1)
2. How does the international community access the ocean observing data provided by your Organization [↑](#footnote-ref-2)
3. What new ocean observations does your Organization plan to make in the upcoming year (i.e. new parameters, expanding geographic scope, filling spatial or latency gaps)? [↑](#footnote-ref-3)
4. How do your Organization’s observations contribute to the WMO’s Integrated Global Observing System (WIGOS) and/or Global Framework for Climate Services (GFCS)? [↑](#footnote-ref-4)
5. What additional requirements (other than climate) does your organization have that are currently not adequately addressed by the DBCP? [↑](#footnote-ref-5)
6. How would your organization benefit from DBCP’s closer linkages to the JCOMM Services, Data Management and Modelling Communities? [↑](#footnote-ref-6)
7. Nominate a Member from your Organization who has demonstrated outstanding achievement in either a) advancing technology or b) applying ocean observation data in service to society. [↑](#footnote-ref-7)