

DATA BUOY COOPERATION PANEL (DBCP)

FORMAT FOR NATIONAL REPORTS ON CURRENT AND PLANNED BUOY PROGRAMMES

Country	ARGENTINA
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	No information	
Number and type of buoys	(a) deployed during the year	No information
	(b) operational as of 31 August	No information
	(c) reporting on GTS as of 31 August	No information
Purpose of programme (check/uncheck boxes using [] or [x] as appropriate)	(a) operational	[]
	(b) met / ocean research	[]
	(c) developmental	[]
Main deployment areas		
Vandalism incidents	(a) Number of incidents If vandalism incidents have occurred during the year, please provide the details using the form in the annex.	

(repeat table above as often as necessary)

2. PLANNED PROGRAMMES:

All the activities reported below were done during September 2021

Agency or programme	Agency: NOAA (US) Program: Global Drifter Program - AOML	
Number and type of buoys	7	SVP
Purpose of programme (check/uncheck boxes using [] or [x] as appropriate)	(a) operational	[x]
	(b) met / ocean research	[x]
	(c) developmental	[]
Main deployment areas	South Atlantic Ocean – Malvinas current	

Agency or programme	Agency: ONR (US) Program: Permeability of the Malvinas Current.	
Number and type of buoys	55	SVP
Purpose of programme (check/uncheck boxes using [] or [x] as appropriate)	(a) operational	[]
	(b) met / ocean research	[x]
	(c) developmental	[x]
Main deployment areas	South Atlantic Ocean – Malvinas current	

Agency or programme	Agency: National Scientific and Technical Research Council (CONICET) - Argentina Program: Measurement of ocean flux at the San Matías Gulf.	
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Number and type of buoys	Fixed mooring equipped with current meter and temperature, pressure and salinity sensors	3
Purpose of programme (check/uncheck boxes using [] or [x] as appropriate)	(a) operational	[]
	(b) met / ocean research	[x]
	(c) developmental	[x]
Main deployment areas	South Atlantic Ocean – San Matías Gulf	

(repeat table above as often as necessary)

3. **TECHNICAL DEVELOPMENTS:**

(a) Buoy design	<ul style="list-style-type: none"> • NOAA-AOML: none • ONR project built to match international SVP standard • CONICET project: lander with acoustic telemetry to allow recovery
(b) Instrumentation	<ul style="list-style-type: none"> • NOAA-AOML: position (GPS Iridium) and temperature • ONR project: position (GPS Globalstar) • CONICET project: current meter (ADCP) and temperature, pressure and salinity (SBE37)

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

Ref	Title	Type ¹
1	Lagrangian tracking of meso and submesoscale features in the Southwestern Atlantic, in preparation	Scientific article
2		
3		
4		

(repeat rows in the table above as necessary)

5. **ADDITIONAL COMMENTS:**

(a) Quality of buoy data	<ul style="list-style-type: none"> • • •
(b) Communications	<ul style="list-style-type: none"> • • •
(c) Buoy lifetimes	<ul style="list-style-type: none"> • SVP: 1 day to 2 years • •
(d) Data Accessibility ²	<ul style="list-style-type: none"> • NOAA-AOML SVP: through GDP web page • Other data: as publication is accepted all data will be in public repository

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

² How does the international community access the ocean observing data provided by your Organization

(e) New Observations ³	•
(f) GFCS and WIGOS ⁴	•
(g) Additional Requirements ⁵	•
(h) DBCP Linkages ⁶	•
(i) Contribution to UN Decade and UN SDGs ⁷	• • •
(j) Other (i.e. Impact of COVID19 on observing systems and mitigation efforts)	• • •

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 SharePoint site:

<https://wmoomm.sharepoint.com/:w:/s/wmocpdb/EQ1z8KndbxREkzE6RH4NFkkBDdvOIitne740P8f4voMMSbg?e=pgru6r>

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)?

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)?

⁵ What additional requirements (other than climate) does your organization have that are currently not adequately addressed by the DBCP?

⁶ How would your organization benefit from DBCP's closer linkages to the Global Ocean Observing System(GOOS), Data Management and Modelling Communities?

⁷How do your ocean observing networks contributing to the UN decade on Ocean Science and UN Sustainable Development Goals .

ANNEX - FORM FOR REPORTING INCIDENTS OF VANDALISM ON DATA BUOYS

Country								
Contact person e-mail								
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						
Efforts taken against vandalism								
Awareness meeting Organised								
Suggestions (if any)								
Photos on Vandalism		(please include pictures if available; and email electronic versions to dbcp-tc@jcommops.org and dr.r.venkatesan@gmail.com)						

Note: It is recommended that this form is filled in electronically and returned electronically also to OceanOPS (dbcp-tc@icommops.org and dr.r.venkatesan@gmail.com). A template of the form can be downloaded from the following SharePoint site: <https://wmoomm.sharepoint.com/:w:/s/wmocpdb/EXsq1FXv0vpHmOjQA-tTobwBMrNnjXnaQok3oudPhKlb3A?e=2IR9Wh>
