

**DATA BUOY COOPERATION PANEL (DBCP)**  
**FORMAT FOR NATIONAL REPORTS ON CURRENT AND  
 PLANNED BUOY PROGRAMMES**

<b>Country</b>	<b>NEW ZEALAND</b>
<b>Year</b>	<b>2020</b>

**1. CURRENT PROGRAMME: (for period 1<sup>st</sup> Aug 2019 – 31<sup>st</sup> July 2020)**

<b>A. Agency or programme</b>	<b>Meteorological Service of New Zealand (MSNZ)</b>	
Number and type of buoys	(a) Deployed during the year	0 SVP-B
	(b) Operational as of 31 July	6 SVP-B
	(c) Reporting on GTS as of 31 July	6 SVP-B
Purpose of programme	(a) operational (b) met/ocean research	
Main deployment areas	Tasman Sea.	
Vandalism incidents	None.	

<b>B. Agency or programme</b>	<b>NZ Govt/GNS – DART - Tsunami Buoys</b>	
Number and type of buoys	(a) Deployed during the year	4 DART - Tsunami
	(b) Operational as of 31 July	
	(c) Reporting on GTS as of 31 July	
Purpose of programme	(a) operational (b) met/ocean research	
Main deployment areas	Tasman Sea - Pacific	
Vandalism incidents	None.	

<b>C. Agency or programme</b>	<b>MSNZ/Global Drifter Program (GDP)</b>	
Number and type of buoys	(a) Deployed during the year	12 SVP-B
	(b) Operational as of 31 July	15 SVP-B
	(c) Reporting on GTS as of 31 July	15 SVP-B
Purpose of programme	(a) operational (b) met/ocean	
Main deployment areas	Tasman Sea.	
Vandalism incidents	None.	

<b>D. Agency or programme</b>	<b>NOAA/GDP/MSNZ–Pacific Ocean Traverse - Chile</b>	
Number and type of buoys	(a) Deployed during the year	8 SVP-B
	(b) Operational as of 31 July	8 SVP-B
	(c) Reporting on GTS as of 31 July	8 SVP-B
Purpose of programme	(b) Met / Ocean research	
Main deployment areas	Southern Pacific Ocean	
Vandalism incidents	None.	

<b>E. Agency or programme</b>	<b>NOAA/GDP/MSNZ–Southern Ocean/Antarctic–Support</b>	
Number and type of buoys	(a) Deployed during the year	8 SVP-B
	(b) Operational as of 31 July	6 SVP-B
	(c) Reporting on GTS as of 31 July	6 SVP-B
Purpose of programme	(b) Met / Ocean research	
Main deployment areas	Southern Ocean/North of Antarctic	
Vandalism incidents	None.	

<b>F. Agency or programme</b>	<b>NOAA/GDP/MSNZ–Australia/Indian Ocean –Support</b>	
Number and type of buoys	(a) Deployed during the year	5 SVP-B
	(b) Operational as of 31 July	5 SVP-B
	(c) Reporting on GTS as of 31 July	5 SVP-B
Purpose of programme	(b) Met / Ocean research	
Main deployment areas	Tasman Sea / Indian Ocean	
Vandalism incidents	None.	
Notes	Details split - expedition started last week of July – 10 deployed in Total 5 in July other 5 in August	

**2. PLANNED PROGRAMMES:***(for period 1<sup>st</sup> Aug 2020–31<sup>st</sup> July 2021)*

<b>A. Agency or programme</b>	<b>MSNZ Barometer Upgrade Program (MSNZ/GDP)</b>	
Number and type of buoys	Planned deployments within the next 12 months.	8 SVP-B
Purpose of programme	(b) met / ocean research	
Main deployment areas	Tasman Sea.	

<b>B. Agency or programme</b>	<b>NZ Govt/GNS – DART - Tsunami Buoys</b>	
Number and type of buoys	Planned deployments within the next 12 months.	6 DART
Purpose of programme	(a) operational	
Main deployment areas	Southern Pacific (mid/low latitudes)	

<b>C. Agency or programme</b>	<b>NOAA/GDP/MSNZ Southern Ocean/Antarctic–Support</b>	
Number and type of buoys	Planned deployments within the next 12 months.	10 SVP-B
Purpose of programme	(b) met / ocean research	
Main deployment areas	Southern Ocean/Ross Sea, Antarctic–North and south of 60S.	

**3. TECHNICAL DEVELOPMENTS:**

(a) Buoy design	<ul style="list-style-type: none"><li>• None</li></ul>
(b) Instrumentation	<ul style="list-style-type: none"><li>• None</li></ul>

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

<b>Ref</b>	<b>Title</b>	<b>Type<sup>1</sup></b>
1	None	

**5. ADDITIONAL COMMENTS:**

(a) Quality of buoy data	<ul style="list-style-type: none"><li>• Generally good.</li></ul>
(b) Communications	<ul style="list-style-type: none"><li>• Generally good.</li></ul>
(c) Buoy lifetimes	<ul style="list-style-type: none"><li>• Buoy lifetimes reduced mainly due to drogue detachment bringing increased percentage of grounding.</li><li>• Instrument lifetimes better than last year and the year prior.</li></ul>
(j) Buoy Redeployments	<ul style="list-style-type: none"><li>• 2 MetService buoys have been recovered and successfully redeployed.</li></ul> <p>Totals of buoys in: 1. <i>Current programme: A. MSNZ</i>, are new buoys, not redeployed buoys.</p>