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## Float Inventory (*Loaded In Cape Town*):

10 WHOI MRV S2a Core floats:

Serial numbers: 7510, ~~7778~~, 7783, ~~7784~~, ~~7785~~, ~~7786~~, 7787, 7806, 7807, 7809  
(7786, 7778, 7784, 7785 on DMB)

7 WHOI Navis BGC floats:

Serial numbers: 1482, 1484, 1485, 1486, 1487, 1488, 1490  
(1487 and 1488 deployed on DMB)

5 UW BGC

(for deployment on Goa-> Fremantle leg)

**All floats within Type are equivalent and interchangeable** E.G. any WHOI Core float is the same as other WHOI Core floats so it doesn't matter which specific float is deployed at each location - whichever is available (of appropriate type) at the top of the stack is fine.

## Deployment Reporting

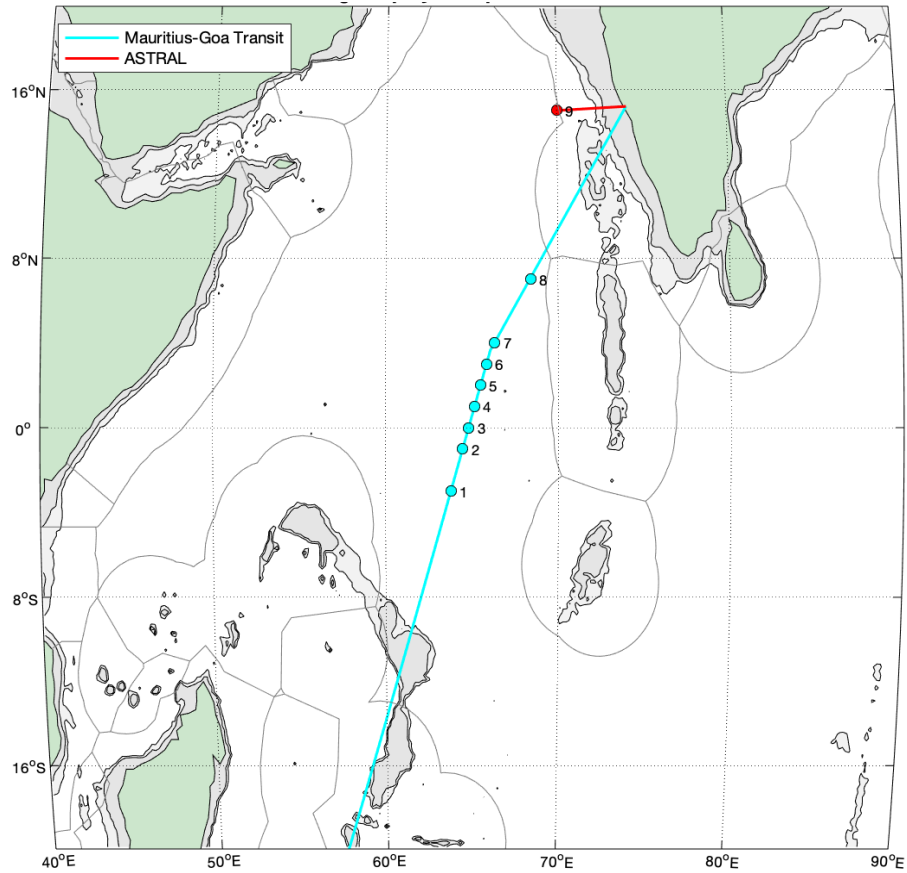
After Float deployment please report the following to [deploymentinfo@whoi.edu](mailto:deploymentinfo@whoi.edu)

- 1) Float #
- 2) Deployment Location (latitude and longitude)
- 3) Deployment Time (GMT)
- 4) Cruise-designated station identifier (e.g. station number)

5) Any issues or problems with the deployment: water release, tangled lines, etc.

## Mauritius-Goa Transit

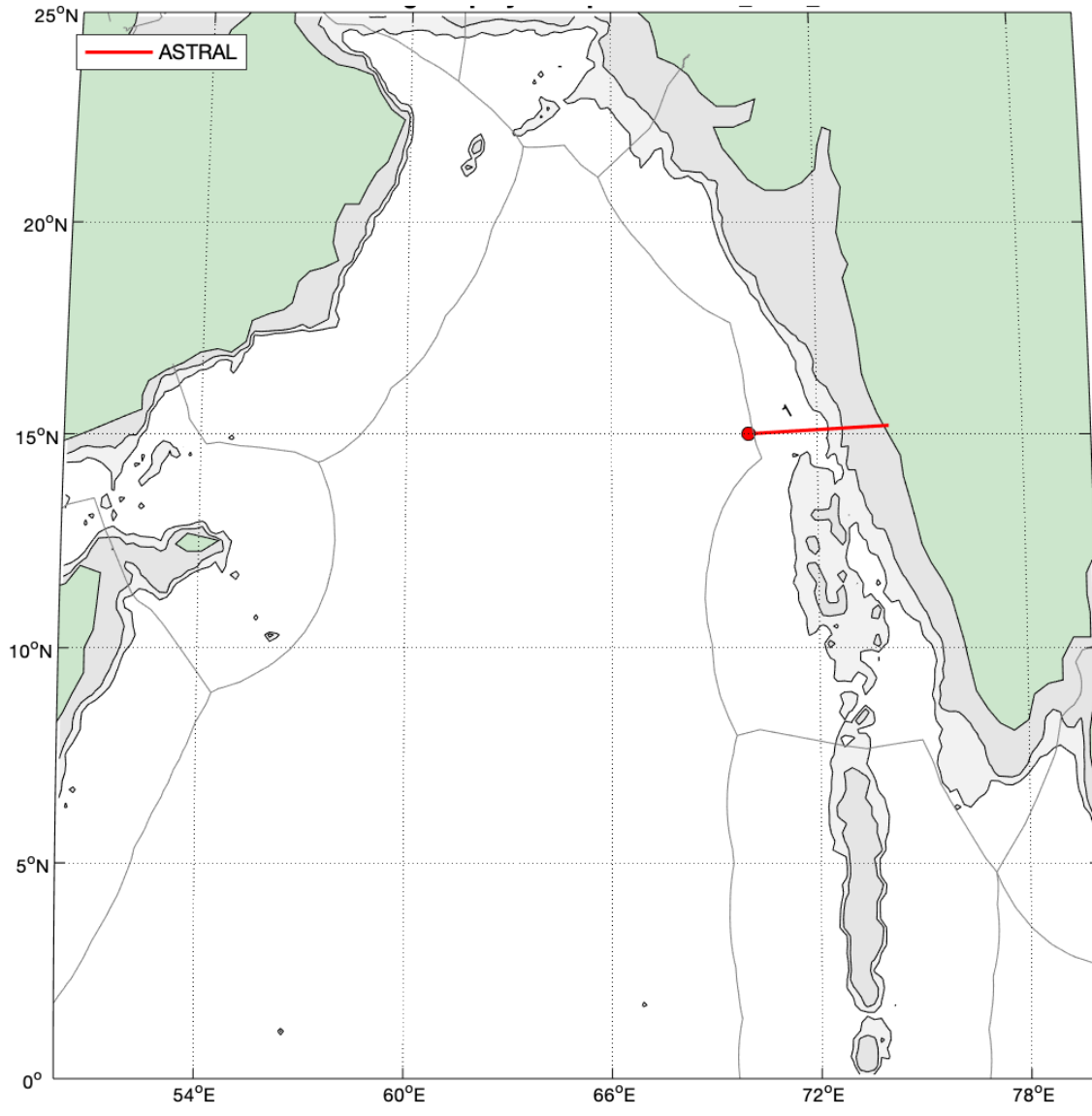
Index	Latitude	Longitude (nominal)	Float Type
1	-3.0	63.8	WHOI Core
2	-1.0	64.5	WHOI BGC
3	Equator	64.8	WHOI Core
4	1.0	65.2	WHOI Core
5	2.0	65.5	WHOI BGC
6	3.0	65.8	WHOI Core
7	4.0	66.3	WHOI BGC
8	7.0	68.4	WHOI BGC



## ASTRAL

Index	Latitude	Longitude	Float Type
1	15.0	70.0	WHOI BGC

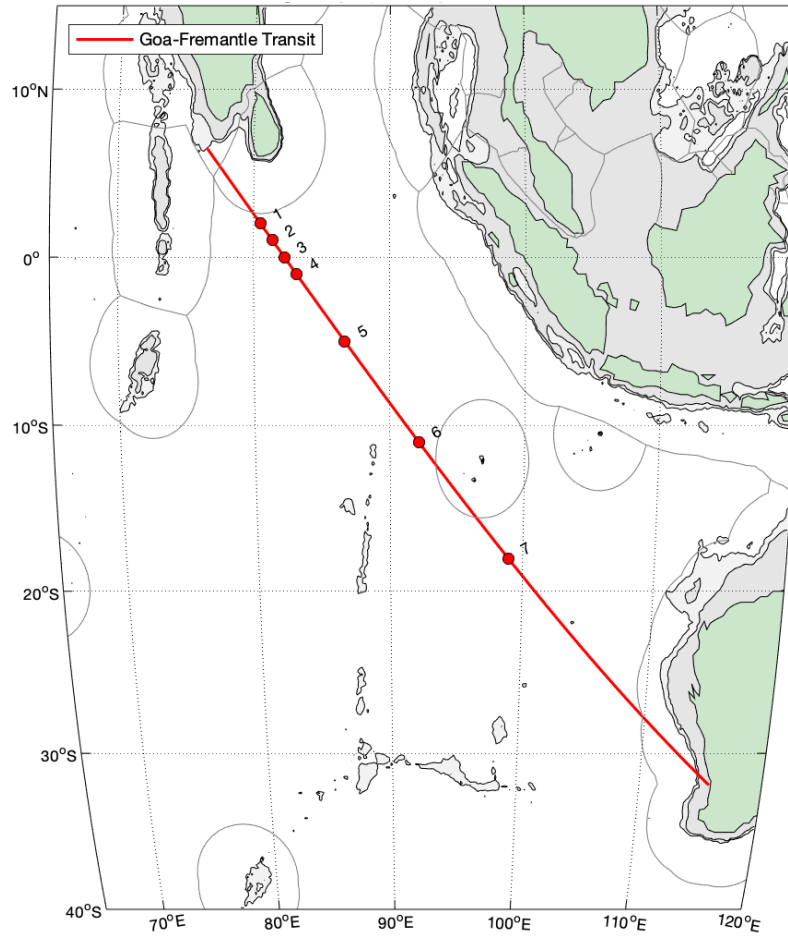
\*Note a UW BGC crate is labeled for deployment on ASTRAL cruise. This UW float should not be deployed on ASTRAL but rather reserved for the Goa-Fremantle Transit. A WHOI BGC Navis float should be deployed at this location instead.



## Goa-Fremantle Transit

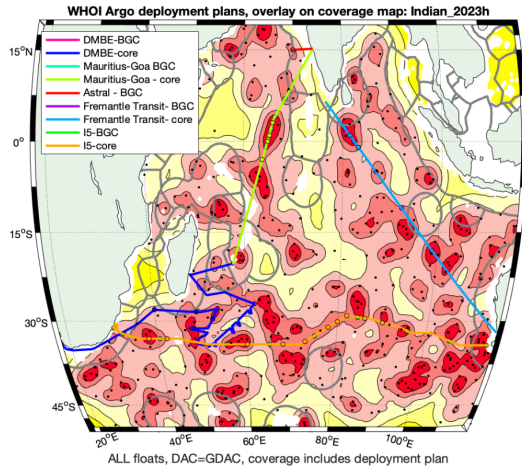
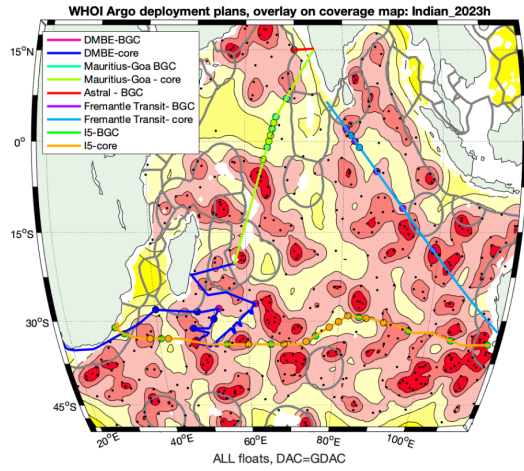
Index	Latitude	Longitude (nominal)	Float Type
1	2.0	80.5	UW BGC
2	1.0	81.3	WHOI Core
3	Equator	82.2	UW BGC
4	-1.0	83.1	WHOI Core
5	-5.0	86.7	UW BGC

6	-11.0	92.1	UW BGC
7	-18.0	98.9	UW BGC

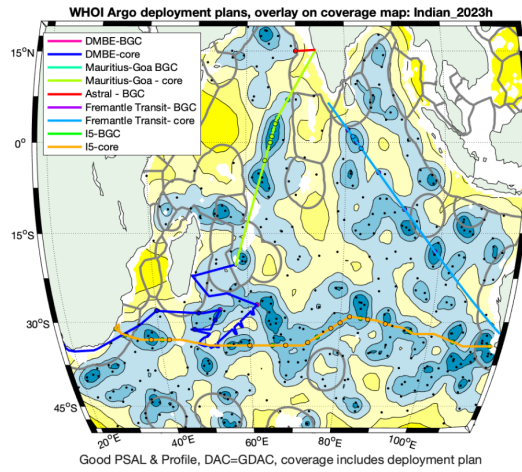
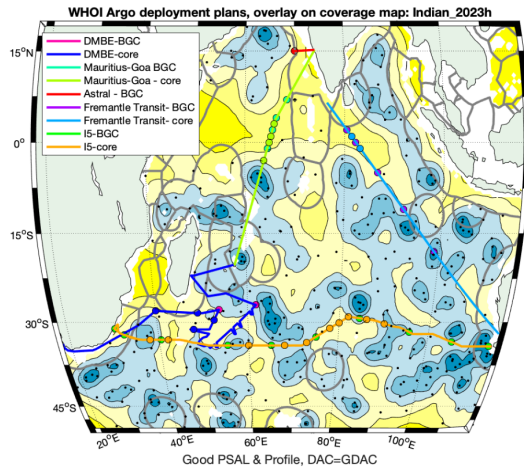


## Background/Supplemental Maps

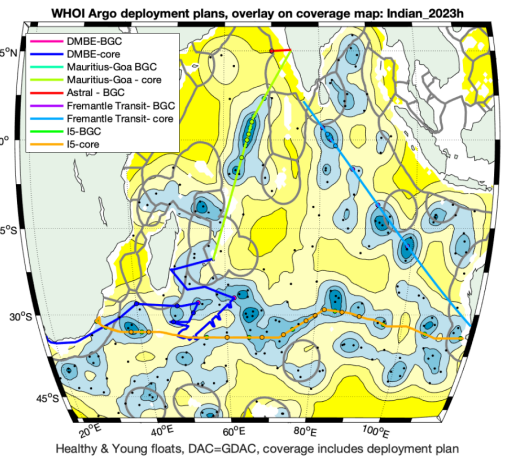
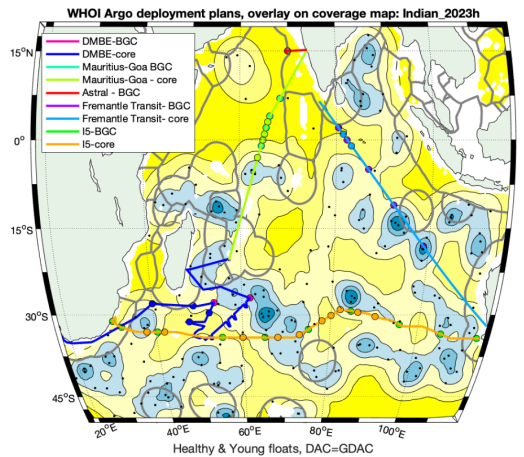
All Floats (Coverage BEFORE/AFTER)



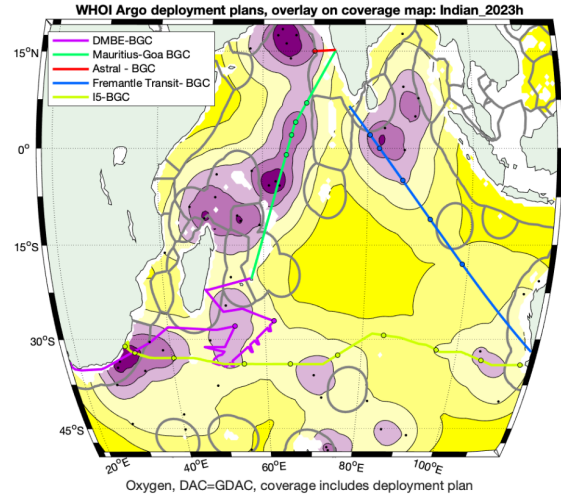
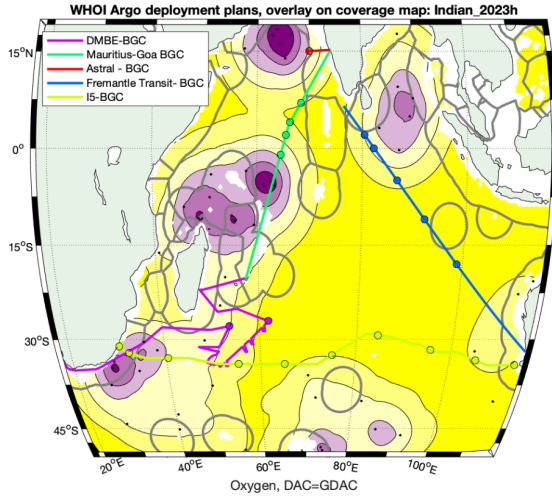
Healthy (conductivity sensor) (Coverage BEFORE/AFTER)



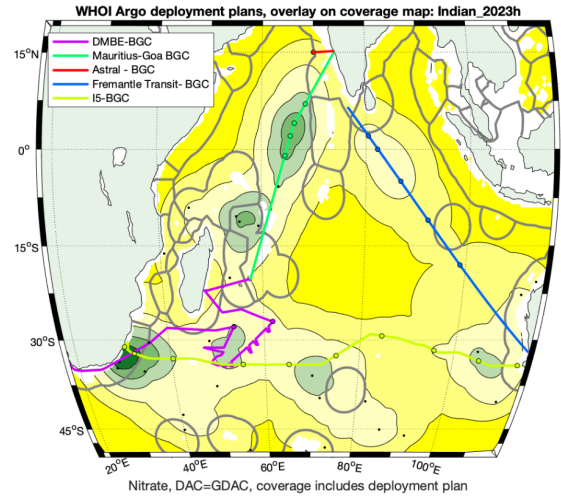
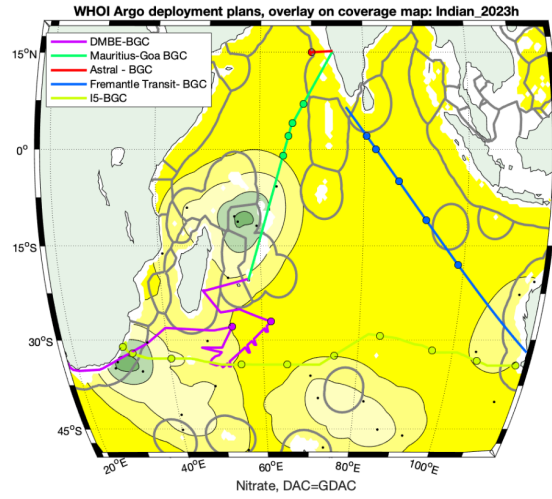
Healthy (conductivity sensor) & Young, (Coverage BEFORE/AFTER)



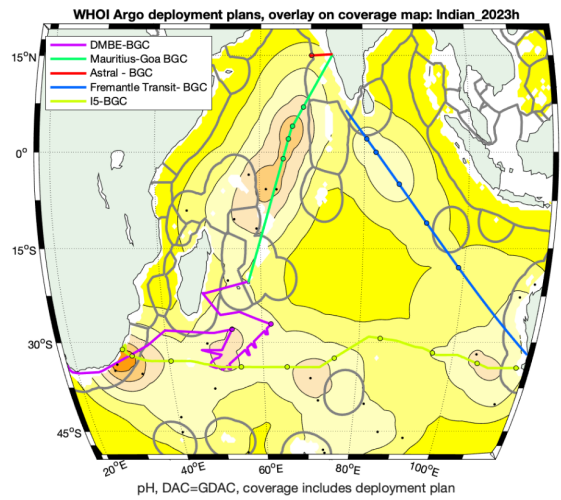
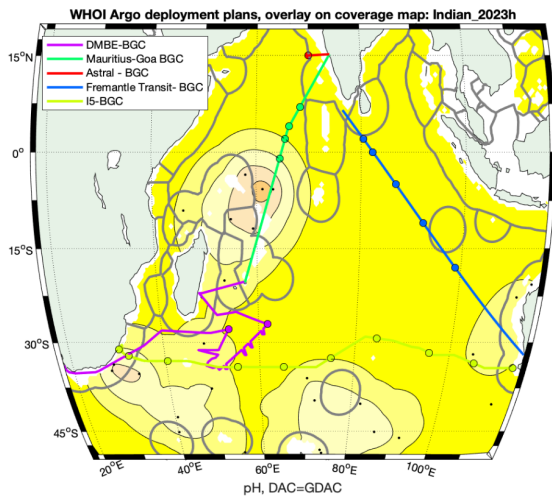
## Oxygen (Before/After)



## Nitrate (Before/After)



## pH (Before/After)



## List of all planned deployment location

1, DMBE-BGC, 1, -27.80, 53.80  
2, DMBE-BGC, 2, -26.99, 61.84  
3, DMBE-core, 1, -28.00, 40.00  
4, DMBE-core, 2, -28.39, 49.10  
5, DMBE-core, 3, -29.61, 52.55  
6, DMBE-core, 4, -31.20, 47.93  
7, Mauritius-Goa BGC, 1, -1.00, 64.46  
8, Mauritius-Goa BGC, 2, 2.00, 65.49  
9, Mauritius-Goa BGC, 3, 4.00, 66.31  
10, Mauritius-Goa BGC, 4, 7.00, 68.40  
11, Mauritius-Goa - core, 1, -3.00, 63.77  
12, Mauritius-Goa - core, 2, 0.00, 64.81  
13, Mauritius-Goa - core, 3, 3.00, 65.84  
14, Mauritius-Goa - core, 4, 6.00, 67.70  
15, Astral - BGC, 1, 15.00, 70.00  
16, Fremantle Transit- BGC, 1, 2.00, 80.50  
17, Fremantle Transit- BGC, 2, 0.00, 82.26  
18, Fremantle Transit- BGC, 3, -5.00, 86.68  
19, Fremantle Transit- BGC, 4, -11.00, 92.13  
20, Fremantle Transit- BGC, 5, -18.00, 98.90  
21, Fremantle Transit- core, 1, 1.00, 81.38  
22, Fremantle Transit- core, 2, -1.00, 83.14  
23, I5-BGC, 1, -34.17, 114.10  
24, I5-BGC, 2, -33.38, 105.50  
25, I5-BGC, 3, -31.63, 95.60  
26, I5-BGC, 4, -29.26, 84.40  
27, I5-BGC, 5, -32.50, 75.00  
28, I5-BGC, 6, -33.99, 65.10  
29, I5-BGC, 7, -34.00, 55.30  
30, I5-BGC, 8, -33.00, 40.40  
31, I5-BGC, 9, -32.14, 32.30  
32, I5-BGC, 10, -31.13, 30.50  
33, I5-core, 1, -30.21, 90.00  
34, I5-core, 2, -29.47, 86.00  
35, I5-core, 3, -29.00, 82.00  
36, I5-core, 4, -30.01, 80.00  
37, I5-core, 5, -31.00, 78.00  
38, I5-core, 6, -33.49, 73.00  
39, I5-core, 7, -34.00, 68.00  
40, I5-core, 8, -33.99, 60.00  
41, I5-core, 9, -33.00, 42.00  
42, I5-core, 10, -33.01, 38.00



### WHOI Argo deployment plans: Indian\_2023h

