

# ISABP REPORT

**July 1, 2015 – June 30, 2016**

Presented by:

**Mayra Pazos**

**(ISABP coordinator)**

**Global Drifter Program**

**NOAA/AOML**



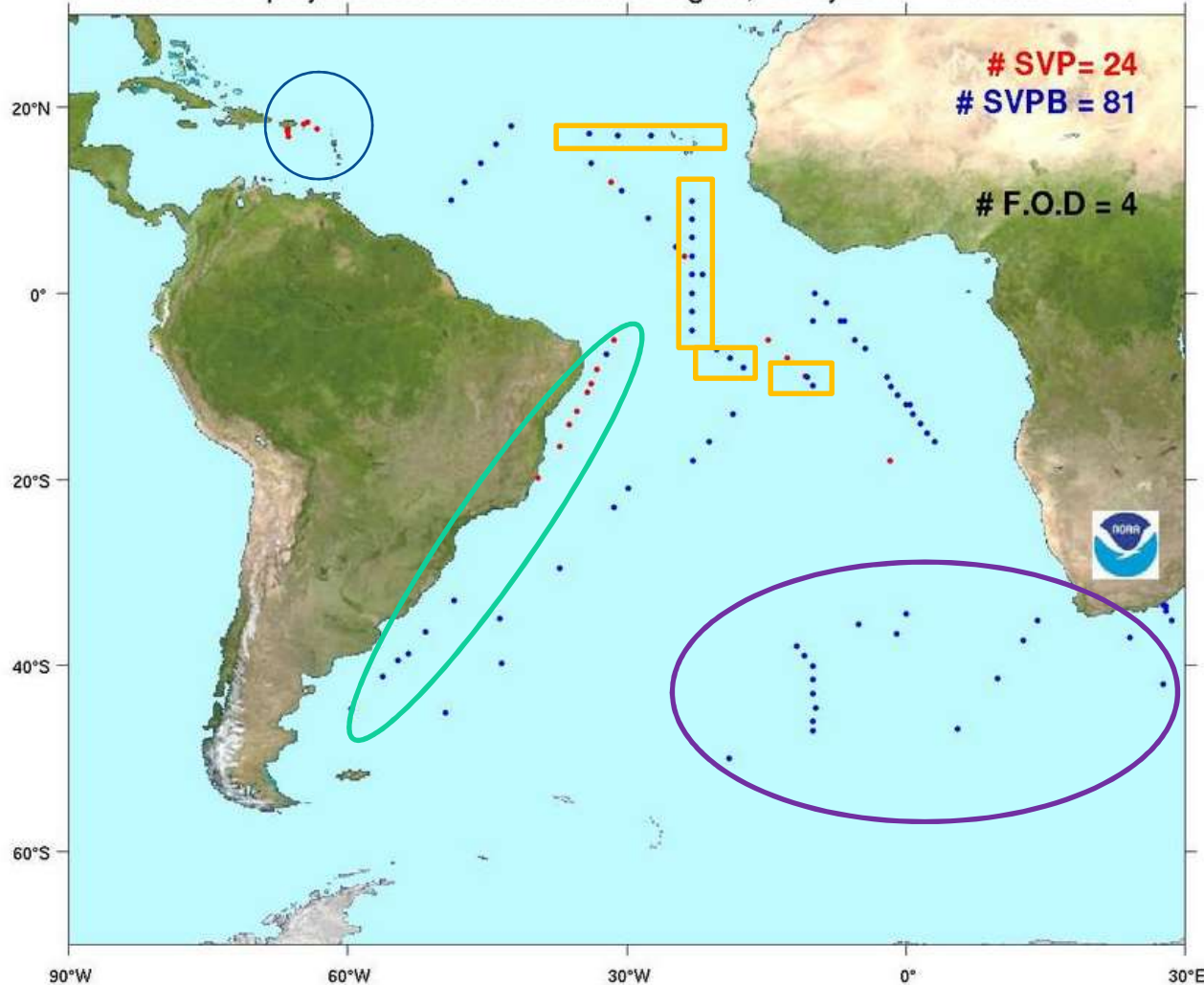
**DBCP-32, October 17-21, 2016**  
**San Diego, California, USA**



# DRIFTERS DEPLOYED IN THE SOUTH ATLANTIC

JULY 1 2015 – JUNE 30, 2016

Drifters Deployed in the South Atlantic Region, 1 July 2015 - 30 June 2016



**Total: 105 drifters**  
(19 less than last year)

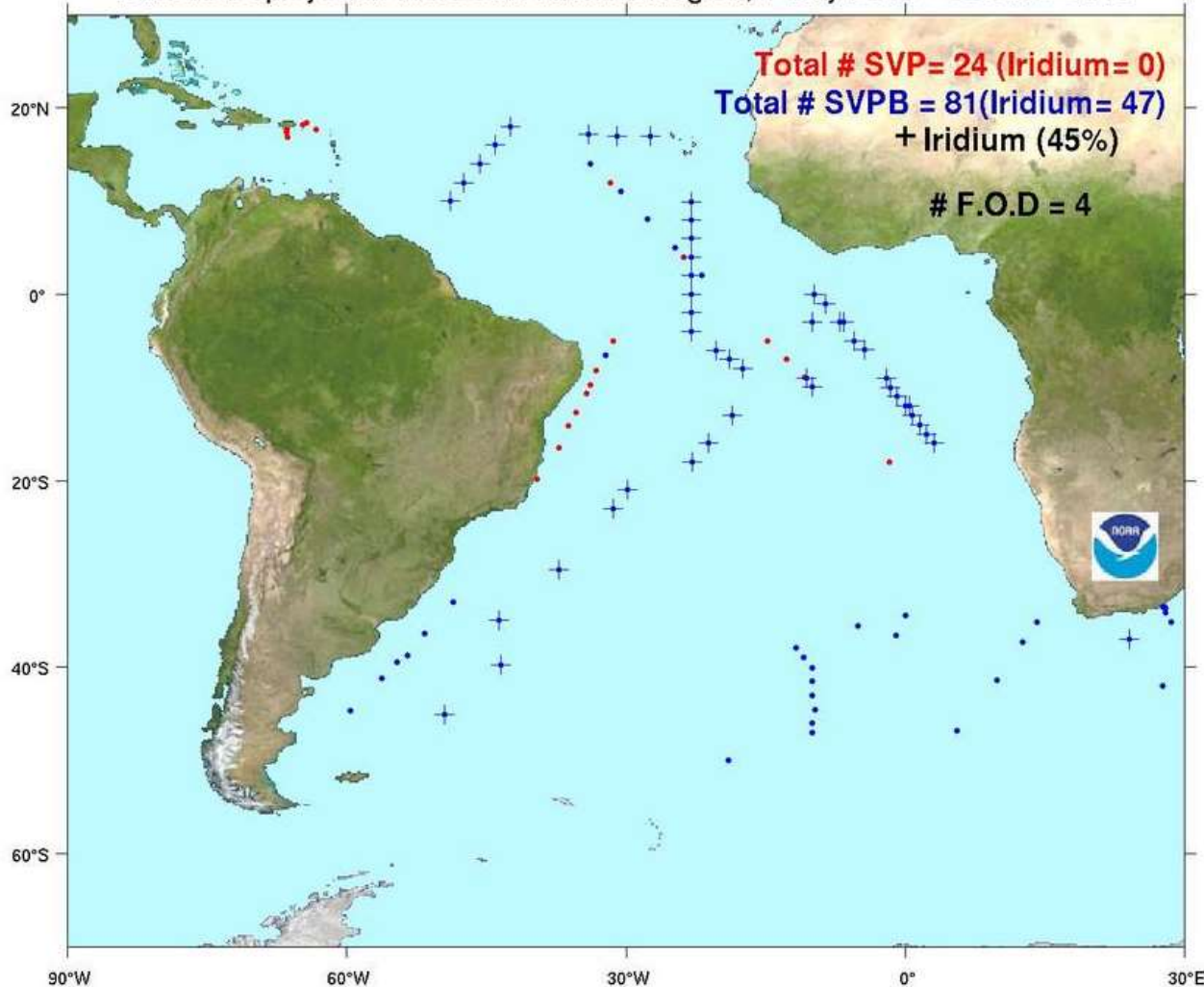
**Deployed by:**

- NOAA ships
- French Vessels
- South Africa
- Tristan da Cunha, South Thule and Falkland Islands fishing vessels
- Brazilian Navy
- Cargo and containers ships from: US, UK, France, S. Africa

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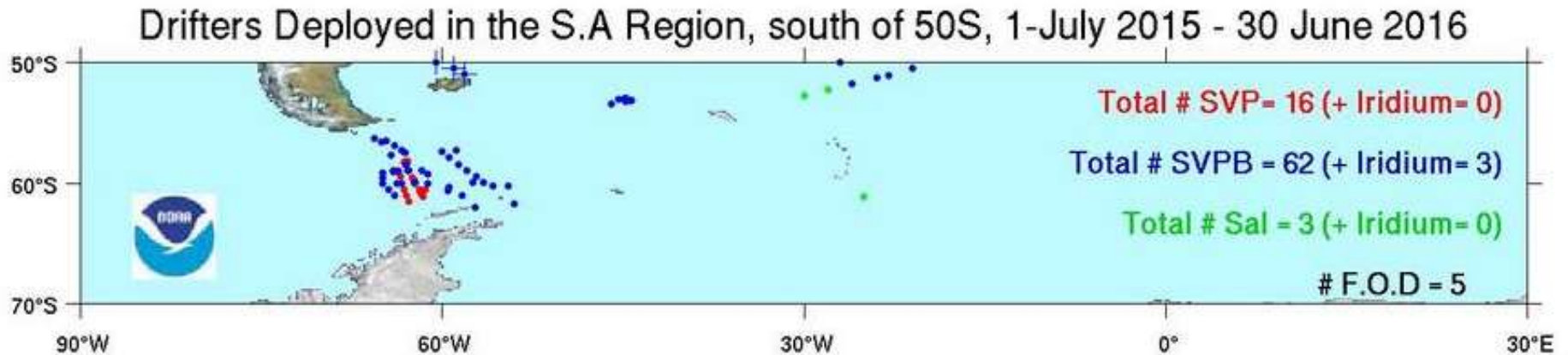
**Total: 105 drifters  
+ Iridium (45%)  
Only 15% Iridium  
were deployed last  
year**

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**SVP: 24 (Iridium: 0)  
SVPB: 81 (Iridium: 47)  
4 failed on deployment**

# DRIFTERS DEPLOYED BETWEEN 55°S – 65°S

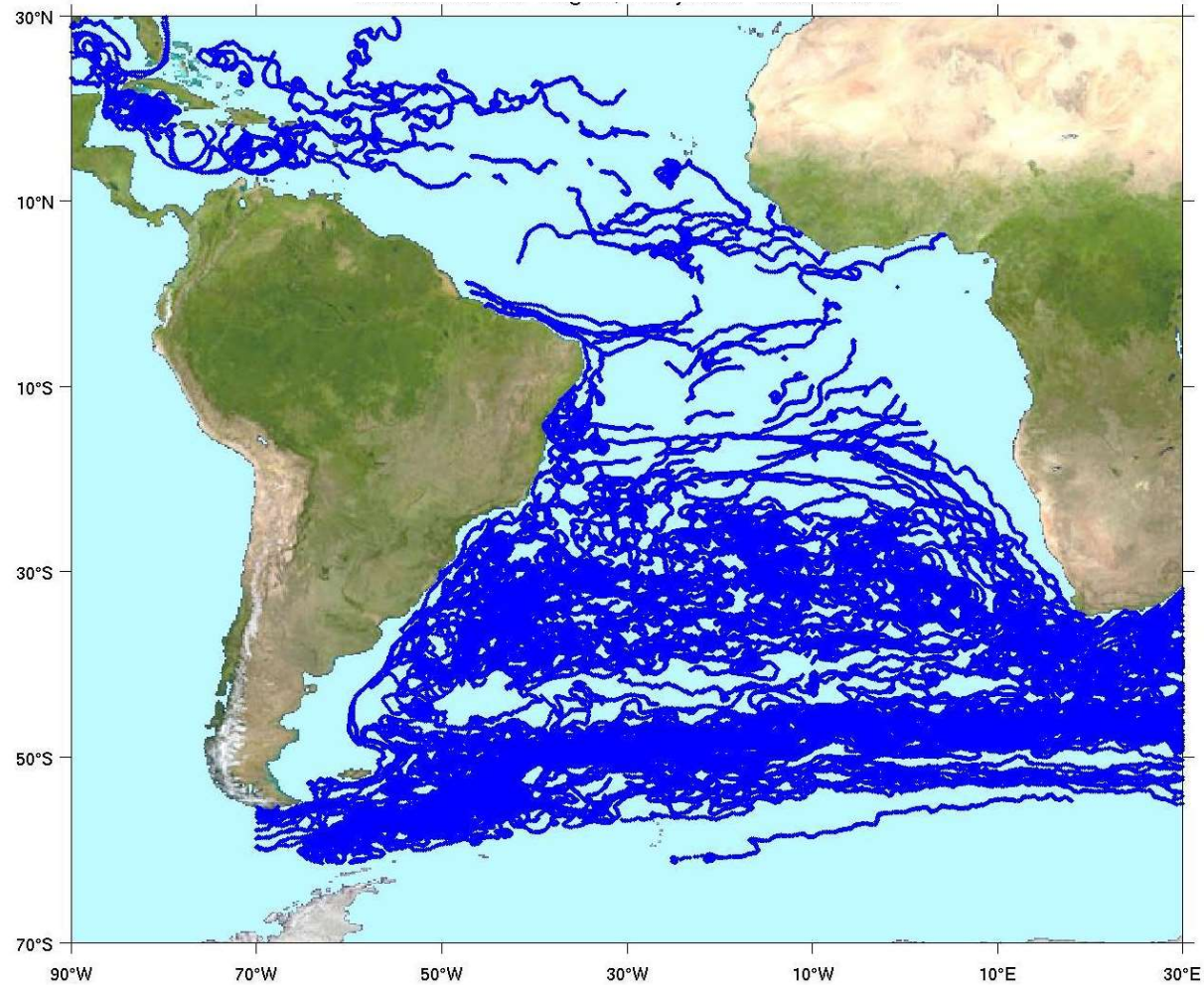
JULY 1 2015 – JUNE 30, 2016



- A total of **81** drifters were deployed between 50°S and 65°S, (28 more than last year), by South Africa, Falkland Island Fishing vessels, a US Antarctic Program research vessel, Brazilian Navy, and by other special funded projects in the area.
- Most of these drifters make it to the ISABP area soon after deployment.
- Some SVPB were upgraded by partners.

# DRIFTERS IN ISABP REGION

JULY 1 2015 – JUNE 30, 2016



# ISABP DEPLOYMENT PLAN

JULY 1 2016 – JUNE 30, 2017

➤ The GDP will continue with the same deployment plan as in 2015-2016 period

Tropical Atlantic ( $20^{\circ}\text{S} - 30^{\circ}\text{N}$ ):

**SVP=170**

**SVPB=80**

Extra Tropical Atlantic ( $40^{\circ}\text{S} - 20^{\circ}\text{S}$ ):

**SVP=25**

**SVPB=25**

Southern Atlantic ( $60^{\circ}\text{S} - 40^{\circ}\text{S}$ ):

**SVP=0**

**SVPB=100**

One stationary buoy was deployed on Tristan da Cunha Island to provide continuous pressure data.

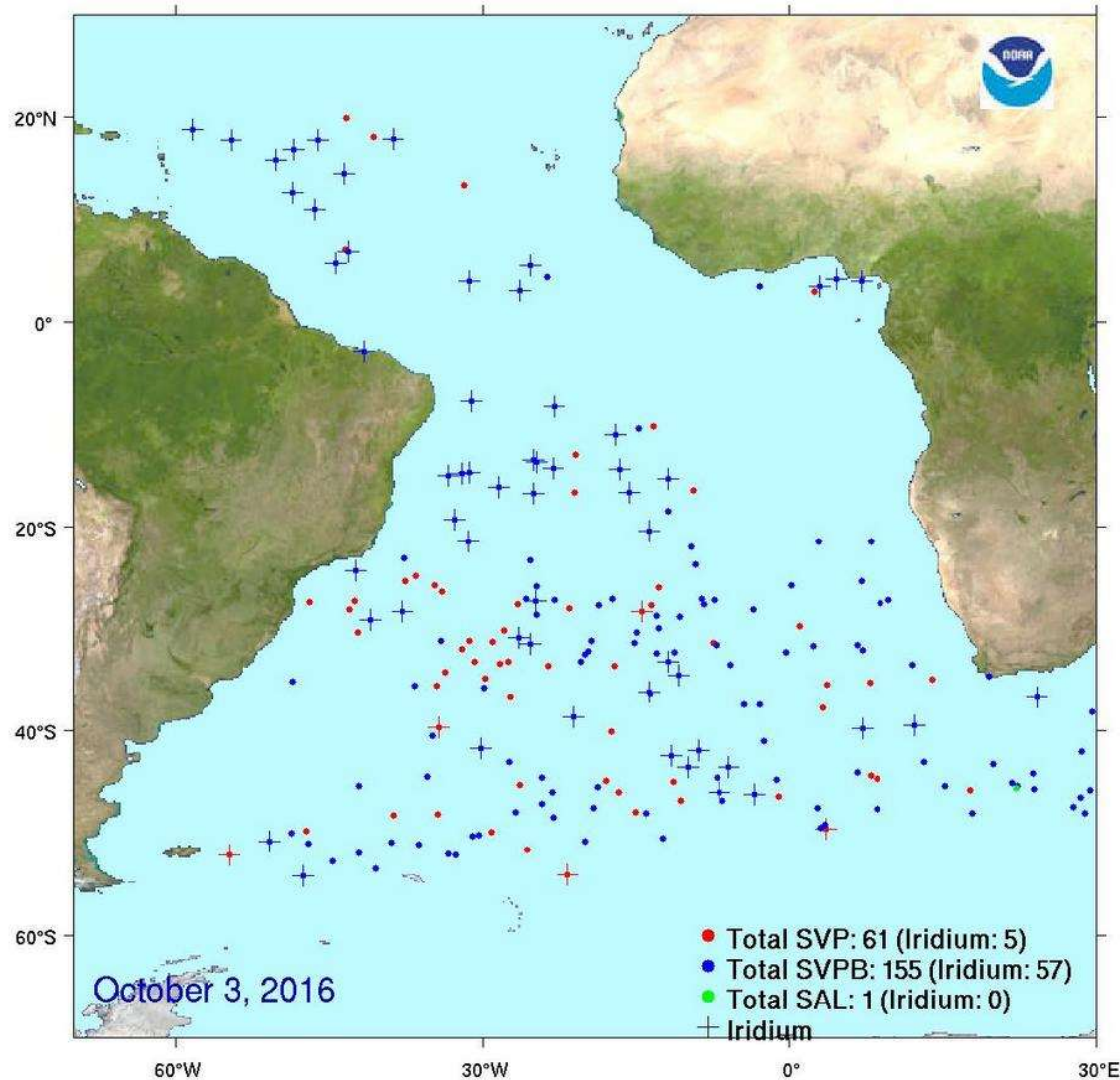
- Continue to address observational gap areas
- Increase the number of SVPB drifters in the area
- Transition from all Argos to Iridium drifters

# PARTNERSHIPS

- **South Africa weather service expects to continue its partnership with the GDP and the governments of the Falklands and Tristan da Cunha Islands to deploy 25 drifters in the area during next year cruises.**
- **The Brazilian Navy deployed 28 drifters donated by the GDP during 2015-2016 and expects to continue its support to the program during the next intersessional period.**
- **Meteo-France provided invaluable assistance in deploying drifters in the area:  
22 of their own, 10 upgrades  
and plans to continue its support for the next year.**

# STATUS OF THE DRIFTER ARRAY

OCTOBER 3, 2016



**SVP: 61 (Iridium: 5)**  
**SVPB: 155 (Iridium: 57)**  
**SAL: 1 (Iridium: 0)**  
**+ Iridium (28%)**

**Total: 217 (62 are Iridium)**

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**Same time last year:**

**SVP: 48 (Iridium: 3)**  
**SVPB: 142 (Iridium: 30)**  
**SAL: 1 (Iridium: 1)**  
**+ Iridium (18%)**

**Total: 191 (34 are Iridium)**

**There are 26 more drifters in the area than in 2015.**



# DISTRIBUTION OF THE DATA

- Data are disseminated on the GTS on real time
- GTS data are monitored and taken off GTS as soon as reports from the Meteorological centers are received, or reports of bad data are detected.
- All historical data are quality controlled at the Drifter Data Assembly Center, at AOML, in Miami, and distributed to MEDS once a year for archival and distribution. Available at:

[www.aoml.noaa.gov/phod/dac/dacdata.php](http://www.aoml.noaa.gov/phod/dac/dacdata.php)

[www.meds-sdmm-dfo-mpo.gc.ca](http://www.meds-sdmm-dfo-mpo.gc.ca)

# UPGRADE OPPORTUNITY

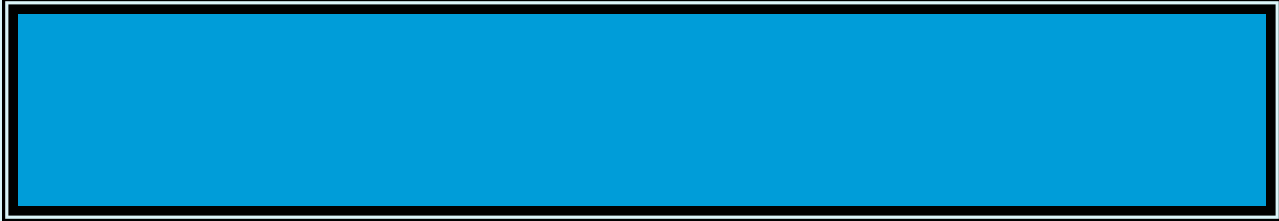
The GDP offers an “upgrade opportunity”, where the GDP pays for the basic SVP drifter and data collection, and the interested participant pays for the cost of the added sensor (SLP, Salinity, etc.).

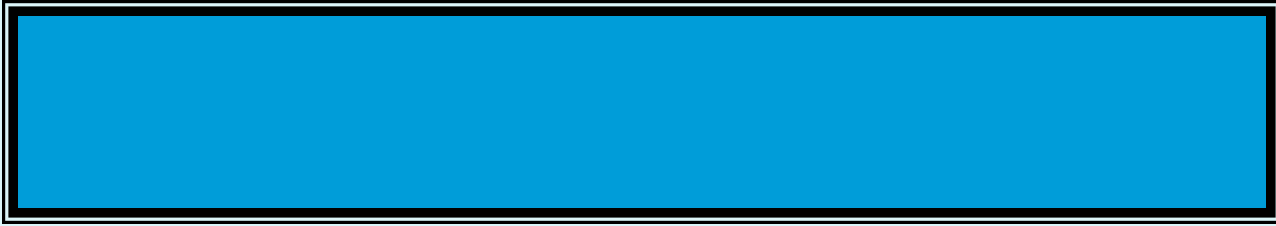
Please contact any of the GDP representatives if your country is interested in taking advantage of this great opportunity.



**Thank You!**







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