Hurricane Glider Acronym Guide

**Modeling**

Ocean Forecast Systems

**COAMPS** - [Coupled Ocean/Atmosphere Mesoscale Prediction System](https://www.nrlmry.navy.mil/coamps-web/web/home)

Developed and run by the Naval Research Laboratory in Monterey, CA

**GOFS** - Navy’s Global Ocean Forecast System

**HYCOM** - HYbrid Coordinate Ocean Model

**NCODA** - Navy Coupled Ocean Data Assimilation

**RTOFS** - NOAA’s Global Real-Time Ocean Forecast System (Navy GOFS Clone)

Hurricane Forecast Models

**HMON** - Hurricanes in a Multi-scale Ocean-coupled Non-hydrostatic model. New Operational Model at NCEP

**HWRF** - Hurricane Weather Research and Forecasting Model. Specialised model used to forecast intensity and track.

Data

**DA** - Data Assimilation - System that seeks to optimally combine numerical forecast models with observational data to set the initial conditions for a forecast run.

**DAC** - Data Assembly Center

**GTS** - Global Telecommunications System - System by which global observations are made available to forecast models

**Organizations**

NCEP - [National Centers for Environmental Prediction](https://www.ncep.noaa.gov/)

EMC - [Environmental Modeling Center](https://emc.ncep.noaa.gov/)

CNMOC - [Commander, Naval Meteorology and Oceanography Command](https://www.public.navy.mil/fltfor/cnmoc/Pages/cnmoc_page1.aspx)

NAVOCEANO - [Naval Oceanographic Office](https://www.public.navy.mil/fltfor/cnmoc/Pages/navo_home1.aspx)

NRL - [Naval Research Lab](https://www.nrl.navy.mil/)

JTWC - [Joint Typhoon Warning Center](https://www.metoc.navy.mil/jtwc/jtwc.html)

TCORF - [Tropical Cyclone Operations and Research Forum](https://www.ofcm.gov/meetings/TCORF/tcorf.htm)

FNMOC - Navy’s [Fleet Numerical Meteorology and Oceanography Center](https://www.usno.navy.mil/FNMOC)

HFIP - [Hurricane Forecast Improvement Program](http://www.hfip.org/)