

# BVS

## Optimal Decision Support with BVS

StormGeo's BonVoyage System continues to be the Master's choice for reliability and user friendliness with 6,000+ installations and more than two decades of continued development.

### /01

#### Optimum Route Calculation within the Master's Stated Safety Parameters

Our newest features help put voyage planning right in the hands of the Master, enabling him to plan and determine the safest, most fuel-efficient route.

### /02

#### Tropical StormTrack – Ensemble Probability

Improving decision-making for crew and cargo safety, the new Tropical Cyclone Multi-Model (TCMM) track technology, improves upon the 'cone of uncertainty'.

### /03

#### Access to All Required Weather Parameters

Master is supplied with around-the-clock weather routing information.

#### Tropical Storm Track – Ensemble probability

Developed by StormGeo's Tropics Watch team in Houston, TX, an ensemble of 91 model runs (ECMWF, GFS and the CMC) are used to provide a 7-day outlook of Tropical Storm Track probability. The result is an objective estimate of where a Tropical Storm is likely to track – a considerable improvement upon the traditional 'cone of uncertainty.'

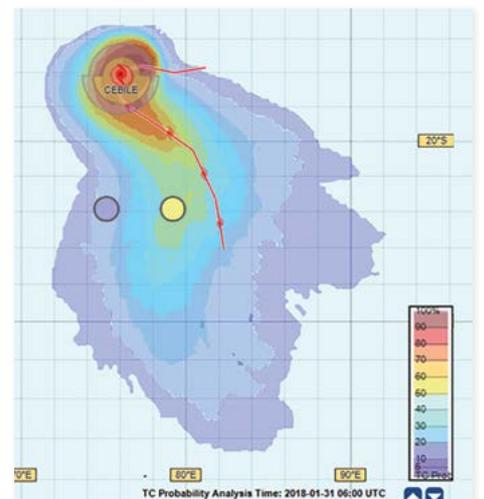
#### Extending the Bridge with BVS – System Compatibility

There has been a continuous increase in integration with the most popular ECDIS systems formats as well as planning and navigation systems.

Now available in Voyager Hub and integrated with Voyager Planning Station,

software updates, bug fixes and route file track handling between Voyager Planning Station (ENC) and BVS have never been easier. Having an objective means to evaluate the likely track of Tropical Cyclones is invaluable for tactical, safety-critical navigational decisions. StormGeo's TC Probability is an advanced tool to understand the likely path of tropical cyclones days in advance.

This is possible only thanks to ensemble weather forecasting, a technique that evaluates probability basis 91 individual model runs. With our new technology, the Master onboard has the information to make better decisions in the face of what can be difficult and complex forecast information.



**10% probability** the Tropical Cyclone track will pass within 125 miles from the purple dot.

**50% probability** the Tropical Cyclone track will pass within 125 miles from the yellow dot.

## 8 Reasons Why BVS is the Master's Choice



BVS is a helpful tool in route planning and in enhancing a ship's safety by avoiding bad weather conditions. In the midst of fluctuating oil prices, BVS is a big aid in saving bunkers."

Captain Chou Chi Tang,  
U-Ming Marine Transport Corporation



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