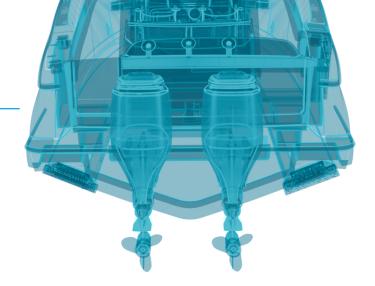
## SEAKEEPER RIDE SEA TRIAL REPORT

## **Vessel Characteristics**

Boat Make	Key West Boats
Boat Model	239 FS
Boat Year	2023
System	Ride 450
Length Overall	23′ 9″
Beam Overall	8′ 6″
Engine Configuration	1x Yamaha 250hp
Displacement	2,700 lbs



## **Test Conditions Performance Results** Date January 25, 2023 Charleston, SC Location Speed 26 mph Seas Following % Sea Conditions 1 ft. at 2 seconds **ROLL ELIMINATION** PITCH ELIMINATION Roll Rate [deg/s] 15 10 Rate [deg/s] Man C -10 -15 10 45 15 20 30 35 40 0 25 Pitch Rate [deg/s] 20 15 10 Rate [deg/s] 5 0 -5 -10 -15 -20 \_\_\_\_\_0 5 10 15 20 25 30 35 40 45 Time [s]

Performance results are measured with the system on and off as a reduction of standard deviation in pitch and roll rates at all frequencies at a constant heading and speed.

