

Test Date: December 07, 2021

## 2021 SCOUT 277 LXF

One (1) Seakeeper 1 was installed on a Scout 277 LXF to provide roll stabilization at anchor and underway. This report summarizes the results of tests conducted by Seakeeper Inc in Charleston, South Carolina, USA, on December 07, 2021, to measure the performance of the Seakeeper system at zero speed in beam seas.

## RESULT: 88% ROLL REDUCTION

In the sea conditions listed below, the Seakeeper 1 eliminated 88% of roll at the vessel's natural roll period.



### BOAT SPECIFICATIONS

Length Overall	27.75 m
Beam Overall	8.96 m
Displacement	10,100 kgs
Natural Roll Period	2.38 seconds

### SEAKEEPER CONFIGURATION

Seakeeper Model	Seakeeper 1
Angular Momentum	1,000 N-M-S
Weight	166 kg
Dimension	0.58 L x 0.6 W x 0.4 H (meters)

### TEST CONDITIONS (PROVIDED BY BUOYWEATHER)

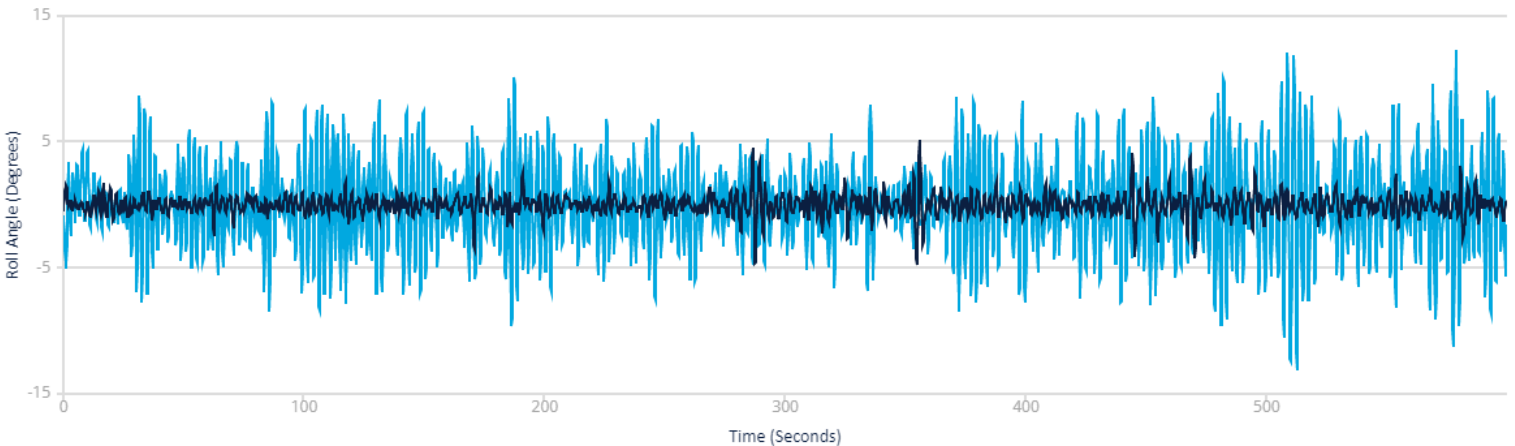
Overcast	
Wind	NE 16 knots
Sea	ESE 3 ft at 6 seconds

### STANDARD DEVIATION

Locked Roll	9.746
Locked Angle	3.676
Unlocked Roll	2.071
Unlocked Angle	0.837

## PERFORMANCE DATA

■ Seakeeper On    ■ Seakeeper Off



**88% ROLL REDUCTION**