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Client
Seasight Surveys Ltd.
Marina Miller
Hafenstraße 12, 20457 Hamburg
(Germany)

SeaTrial Report

SY Ocean Breeze

Vessel Name	SY Ocean Breeze
Model / Type	Bally 4.6
Hull Number	BA-YCH46001A626
Year Built	2026
Length (m)	13.95
Beam (m)	7.66
Draft (m)	1.22
Registration No.	HH-LG 046



Sea trial location	Hamburg
Sea trial on	06/18/2026 (09:45 - 12:00)
Tanks	Fuel: 70% | Blackwater: 40% | Greywater: 30% | Freshwater: 80%
Conditions	Sea State: Slight | Wind Speed (kn): 5 | Air Temp (°C): 17 | Water Temp (°C): 15
Remarks	The trial identified a starboard gear-shift fault, intermittent radar target loss, a non-responsive starboard cabin fire sensor, an expired flare set, and vibration at 2500 RPM. Corrective action and follow-up checks are required.

Legend

Checked aspects during the sea trial

- Engines
- Rig & Sails
- Navigation Electronics
- Deck / Cockpit
- Hull
- Electrics
- Safety Equipment
- Interior
- Dynamic Maneuvers
- Documents

Status explanation

OK	OK — checked and no issues found
Not OK	Not OK — checked and issue found
Flaw	Minor flaw — checked with minor issues

Introduction

This sea trial report documents the operational assessment of SY Ocean Breeze, prepared for Marina Miller following sea trial activities on 2026-06-18 at Hamburg. The vessel was evaluated under representative real-world conditions to verify handling characteristics, propulsion response, navigational readiness, and onboard safety performance across relevant phases of operation. Special attention was given to low-speed maneuverability in confined areas, system stability under routine electrical load, and practical crew workflow during standard checks. The objective of this report is to provide a clear technical overview of observed condition, highlight relevant findings, and establish a reliable basis for operational decisions, maintenance prioritization, and follow-up verification where required.

Engines

Main Port

Port



Manufacturer / Model	Yanmar
Serial No. Engine	YM12345
Serial No. Gearbox	GB12345
Power	57 (PS)

Pre-start Check	OK
Cold-start Check	OK
Gear shift Check	OK

Notes: All good.

Main Starboard

Starboard



Manufacturer / Model	Yanmar
Serial No. Engine	YM12346
Serial No. Gearbox	GB12346
Power	57 (PS)

Pre-start Check	OK
Cold-start Check	Flaw
Gear shift Check	Not OK

Notes: Cold start rough, gear shift hard.

Engines: Readings

Main Port

Port

RPM	kn	bar	°C	V	%
1000	5	3.5	70	13.9	20
1500	5.8	3.7	72	14.1	35
2000	6.6	3.9	75	14.2	50
2500	7.5	4.1	78	14.3	70
3000	8.2	4.3	82	14.4	85

Main Starboard

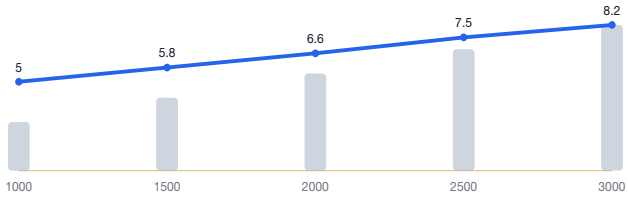
Starboard

RPM	kn	bar	°C	V	%
1000	5	3.4	71	13.8	18
1500	5.7	3.6	73	14	30
2000	6.5	3.8	76	14.1	45
2500	7.4	4	80	14.2	60
3000	8.1	4.2	84	14.3	75

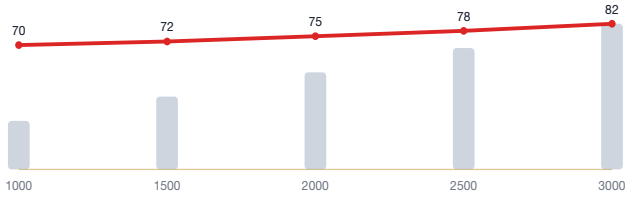
Engines: Readings

Port

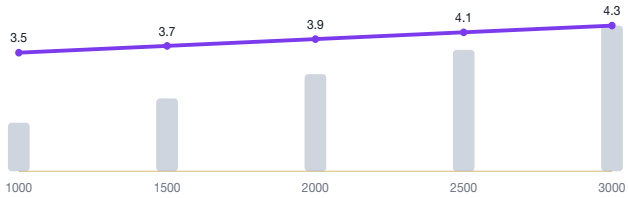
Speed (kn) / RPM



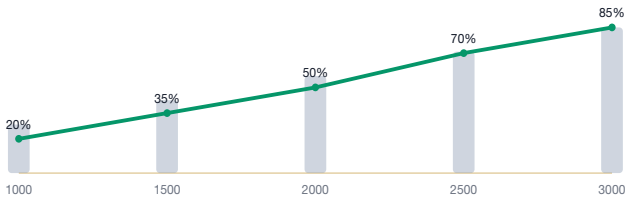
Coolant (°C) / RPM



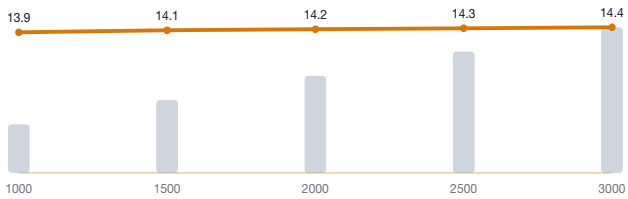
Oil (bar) / RPM



Performance (%) / RPM

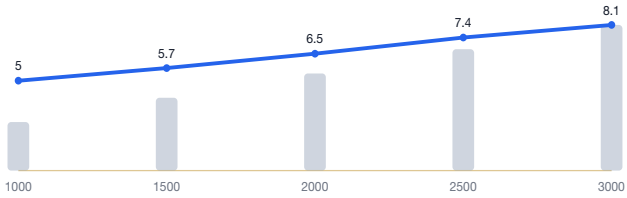


Charge Voltage (V) / RPM

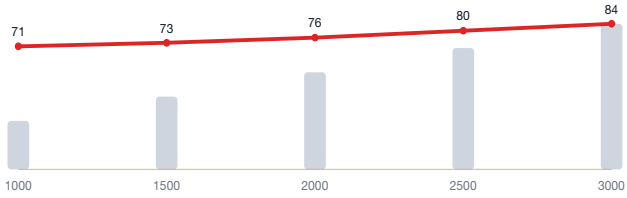


Starboard

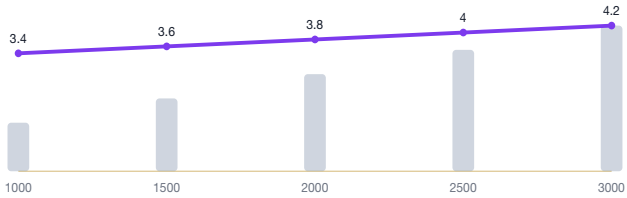
Speed (kn) / RPM



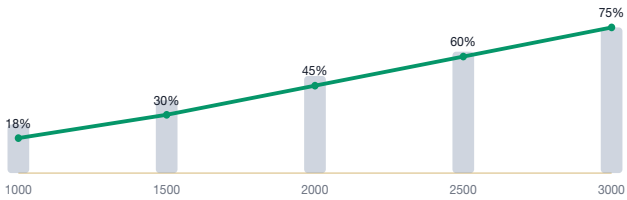
Coolant (°C) / RPM



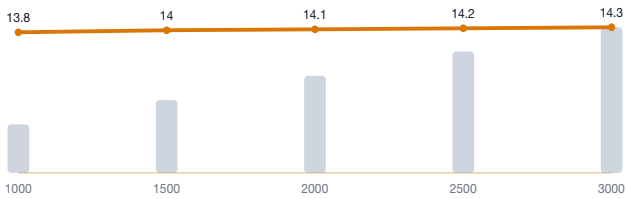
Oil (bar) / RPM



Performance (%) / RPM



Charge Voltage (V) / RPM



Rig & Sails

Mast & spars condition		OK
Lower shrouds port (kg)	610 kg	OK
Lower shrouds starboard (kg)	605 kg	OK
Upper shrouds port (kg)	720 kg	OK
Upper shrouds starboard (kg)	715 kg	OK
Standing rigging condition	95 %	OK
Running rigging condition (%)	90 %	OK
Mainsail condition (%)	88 %	OK
Genoa condition (%)	85 %	OK
Spinnaker condition (%)	80 %	OK
Furler operation		OK
Reefing system		OK
Winches operation		OK
Traveller function		OK
Backstay adjuster tension (kg)	800 kg	Flaw
Hydraulic adjuster drifts under load		
Boom vang / kicker		OK

Notes: Rig inspected under sail. All spars secure; backstay adjuster needs service.

Navigation Electronics

AIS	OK
GPS	OK
Chartplotter	OK
Radar	Flaw
Intermittent target loss in rain	
Forward Scan	OK
Position Lights	OK
VHF / SSB	OK
Sea.AI / FLIR	OK

Notes: Navigation electronics tested under way; radar needs troubleshooting.

Deck / Cockpit

Anchor windlass		Flaw
Slow under load		
Anchor fitting		OK
Anchor chain		OK
Steering		OK
Horn		Flaw
Horn intermittent		
Hatches		OK
Guard rail		OK
LPG system		OK
Regulator condition		OK
Regulator expiry date	2027-06-30	OK
Hose condition		OK
Hose expiry date	2028-04-15	OK
Shut-off valves		OK

General notes: Deck and cockpit systems checked; horn requires attention.

Hull

Cracks / delamination	OK
Gelcoat damage	Flaw
Small chip starboard aft above waterline	
Through-hull fittings leaks	OK
Bilge dry after trial	OK
Rudder shaft stuffing dry	OK
Vibration noticeable	Flaw
Noticeable at 2500 RPM	
Unusual noise	OK
Propeller / shaft runout	OK
Bow-thruster leaks	OK
Trim & waterline correct	OK
List / heel under way	OK

General notes: Hull generally in excellent condition except minor gelcoat chip.

Electrics

Battery Banks

House bank	12.6 V	OK
Start bank	12.7 V	OK
Bow-thruster bank	12.5 V	OK
DC Bus Voltage	13.8 V	OK
Alternator Charge	14.2 V	OK
Shore Power	230 V	OK
AC RCD Test		OK
Generator Output	230	OK
Inverter Output	230 V	OK
Bonding Resistance	0.3 Ω	OK
Navigation Lights		OK
Bilge Pumps		OK
Fire Alarm		Not OK

Starboard cabin sensor not responding

Thermal Scan Fuse Panel		OK
Insulation Test		OK

Electrics Notes: DC and AC systems were checked. Charging sources and bonding were satisfactory; the starboard cabin fire-alarm sensor did not respond and requires replacement and retesting.

Safety Equipment

Lifejackets (pcs)	8 pcs	OK
Liferaft service date	2025-06-15 date	OK
Fire extinguishers service date	2028-02-01 date	OK
Fire blanket (pcs)	1 pcs	OK
EPIRB battery expiry	2026-11-30 date	OK
Personal locator beacons (pcs)	2 pcs	OK
Flares expiry date	2024-12-31 date	Not OK
Expired on 31 December 2024; replace before operation.		
Smoke detectors (pcs)	3 pcs	OK
CO detectors (pcs)	1 pcs	Not OK
Galley CO detector expired		
Bilge high-water alarm (dB)	85 dB	OK
Fuel shut-off valves		OK
Engine-room fire system service date	2027-05-01 date	OK
Emergency stop function		OK

Notes: CO detector in galley needs replacement.

Interior

Upholstery condition (%)	92 %	OK
Cabinet hinges & latches		OK
Doors / hatches seals		OK
Bilge cleanliness		OK
Cabin noise under way (dB)	78 dB	Flaw
Squeaking from galley floor		
HVAC temperature delta (°C)	22 °C	OK
Cabin humidity (%)	55 %	OK
Galley appliances		OK
Fresh-water system		OK
Heads & showers		Flaw
Port head drain slow		
Interior lighting		OK

Notes: Interior generally clean and functional; address cabin noise and slow drain in port head.

Dynamic Maneuvers

Avoidance Line Test (Z-maneuver)



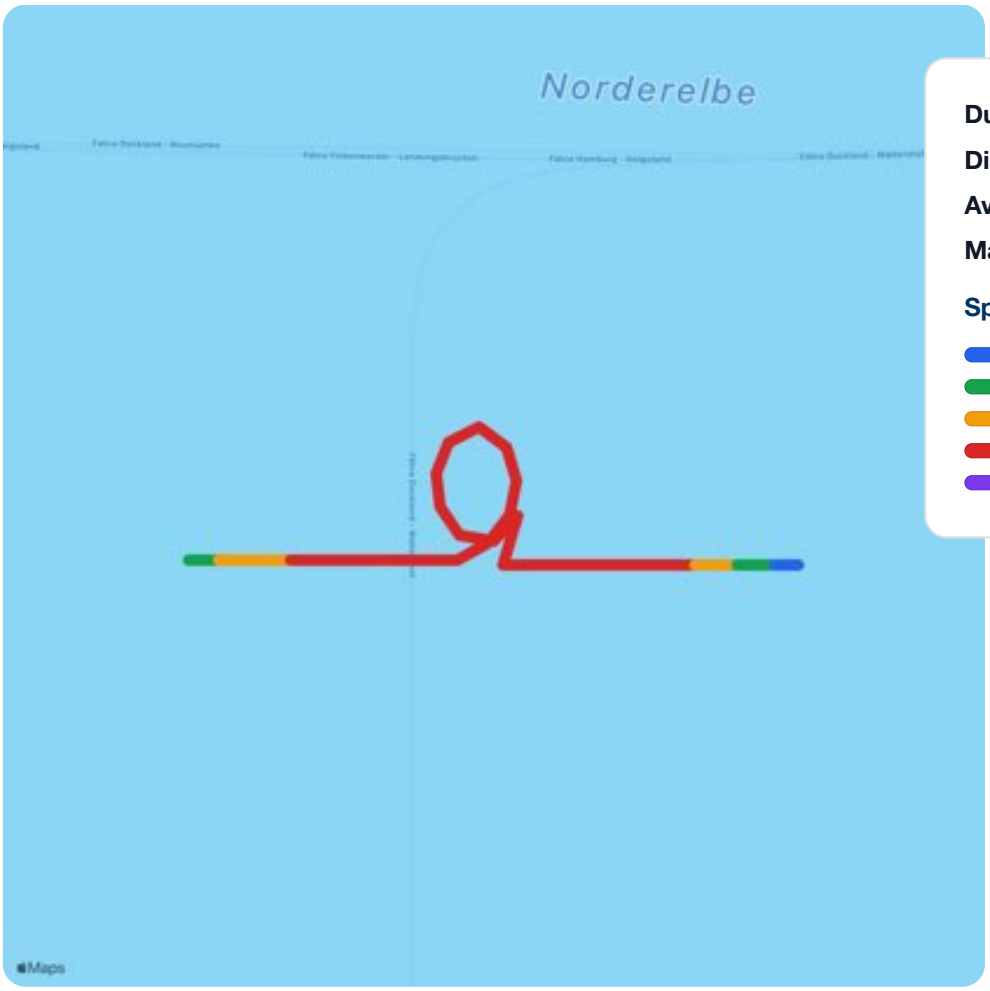
Duration	80 s
Distance	0.12 nm
Avg. speed	5.5 kn
Max. speed	7.4 kn

Speed ranges

- 0–2 kn
- 2–4 kn
- 4–6 kn
- 6–8 kn
- > 8 kn

Dynamic Maneuvers

Quick Turn Test



Duration	88 s
Distance	0.09 nm
Avg. speed	4.5 kn
Max. speed	7.2 kn

Speed ranges

- 0–2 kn
- 2–4 kn
- 4–6 kn
- 6–8 kn
- > 8 kn

SeaTrial

Declaration of conformity

CE — Declaration of Conformity

(Recreational Craft Directive 2013/53/EU)

1. Manufacturer

BALLY Yachts
Shipyard Business Park
1234 Sample City
Some Country

2. Product Identification

Type:	Sailing Catamaran	Model:	**BALLY 4.6**
Hull Length (LH):	13.95 m	Beam	BH): 7.66 m
Draft:	1.22 m	Displacement:	approx. 12,700 kg
Design ' Category:	**A – Ocean**	Maximum Load:	3,200 kg
Maximum Persons:	10	Engine:	2 × 57 HP Diesel Inboard

3. Declaration

We hereby declare that the above-described recreational craft complies with the requirements of:

Directive 2013/53/EU on recreational craft and personal watercraft

and is in conformity with the following harmonised standards:

4. Applied Harmonised Standards

We hereby declare that the above-described recreational craft complies with the requirements of:

Directive 2013/53/EU on recreational craft and personal watercraft

and is in conformity with the following harmonised standards:

5. Notified Body (Module B + C)

Notified Body No. 1234	HIN	BA-YCH46001A626
Certification & Standards Inc. Sampleland	**Year of Build**	2026
	CE Marking:	CE – A – 10
EC Type Examination Certificate No.: CERT-1234-BALLY46-2026-001		

6. Craft Identification

HIN	BA-YCH46001A626	HIN	BA-YCH46001A626
Year of Build	2026	**Year of Build**	2026
EC Type Examination Ortheland		**CE Marking:**	CE – A – 10

7. Conformity Assessment Procedure

Module B (EC Type Examination)
+ Module C (Conformity to Type)
according to Directive 2013/53/EU

CE A 10

On behalf of the manufacturer:
Sample Name
Head of Certification
BALLY Yachts

Sample City; Sampleland
dd Month yyyy

Final Assessment

The sea trial of SY Ocean Breeze for Marina Miller was conducted on 2026-06-18 at Hamburg and included propulsion checks, maneuvering, navigation electronics, electrical systems and onboard safety equipment. The starboard engine showed a rough cold start and a hard gear shift. Vibration was observed at 2500 RPM during the trial. The port engine checks and recorded engine readings were otherwise documented without a comparable finding. The radar intermittently lost targets in rain. The starboard cabin fire sensor did not respond, the galley CO detector was expired, and the flare set had expired at the time of the inspection. Additional documented maintenance findings include a small starboard-aft gelcoat chip, a windlass that was slow under load, an intermittent horn, a backstay adjuster that drifted under load, squeaking from the galley floor and a slow drain in the port head. The electrical checks recorded satisfactory charging-source and bonding measurements, but the non-responsive fire sensor must not be treated as functional until it has been replaced and retested. Recommended actions are to service and retest the starboard gear shift, investigate the 2500 RPM vibration, troubleshoot the radar, replace and retest the fire sensor, replace the expired CO detector and flares, and address the other documented maintenance findings. A follow-up inspection should verify each corrective action with dated evidence, including operational tests of the gear shift, radar, fire sensor, CO detector and replacement flares before the vessel is relied upon for extended operation. This assessment summarizes the recorded observations and recommendations. It does not make a separate determination of regulatory compliance or operational fitness.

Signature





Place	Date	Name
Hamburg	2026-06-18	Stefan Zet

SeaTrial