Sperry Marine

Gyrofin® Stabilisers

Servicing to maintain vessel safety and performance
Overview
Gyrofin® ship stabilisation technology from Sperry Marine is designed to provide maximum performance and safety in the roughest of sea conditions using our unique lift control system.

The unique fin movement responds in near real-time to changing forces along the ship’s hull, identifying and responding to lift requirements.

Due to the extreme conditions in which the fins operate, regular servicing and maintenance every 18-24 months is recommended to ensure full operation of the fin, power, control and machinery units. Furthermore, a full overhaul and inspection is recommended at each dry-docking of the vessel.

Benefits
- Increased passenger comfort
- Smoother stabilisation
- Improved fuel economy
- Reduced cargo lashing
- Enhanced cargo protection
- Reduced maintenance costs
- Worldwide Sperry Marine Service

Preventative maintenance
- Periodic sampling of rigging axis lubrication
- Oil sampling and filter replacement of the hydraulic control unit
- Checks on cooling water feeds and temperature
- Monthly lubrication of all mechanical linkages
- Coupling checked periodically
- Monthly checks on hydraulic units
- Inspection of header tanks to ensure correct operating levels.

Mechanical damage due to external circumstances or mechanical failure has a severe impact on the effectiveness of the Gyrofin Stabilisers and so a major overhaul, supported by a pre-dry dock survey undertaken by our own engineers, will identify all parts required in advance.

Certified spare parts
All of our certified spare parts are available with planned notification so we can work with you to schedule servicing requirements to suit your vessel’s timetable.

At your service
Sperry Marine service engineers operate worldwide and offer three types of service:
- At sea fault repairs, electronics service and maintenance
- Dry dock overhaul including yard supervision
- Control system upgrade from older analog control systems to new fully digital control systems.

Our technical support is available worldwide 24/7 from qualified engineers who are experienced in all aspects of Gyrofin Stabiliser performance and who can advise on through-life maintenance.

Additionally, upgraded electronics including control systems are available to enhance performance and supportability.

Maintain through-life optimisation
To book a pre-dry dock survey or schedule a service, contact our worldwide service support at Gyrofin.support@sperry.ngc.com
Worldwide service/sales locations

For more information, please contact:

**EUROPE & AFRICA**
24-Hour Service  
Tel: +31 (0) 10 44 51 630  
Fax: +31 (0) 10 44 51 632  
Gyrofin.support@sperry.ngc.com

**ASIA & OCEANIA**
24-Hour Service  
Tel: +65 6274 3332  
Fax: +65 6271 3339  
service.asia@sperry.ngc.com

**NORTH & SOUTH AMERICA**
24-Hour Service  
Tel: +1 504 371 8365  
Fax: +1 504 371 8368  
sperry.us.service@sperry.ngc.com

www.sperrymarine.com

Specifications and features subject to change without notice.  
©2013 Northrop Grumman Systems Corporation  
All rights reserved.