



Global Magnetic Compass Repair & Exchange Service Voyage Compliance Made Simple

Exchange Program Streamlines Compass Adjusting and Repair

Mackay's *Compass Repair and Exchange Services* are supported by a fully-equipped compass repair shop and dedicated team with two decades of experience overhauling all major brands of magnetic compasses. Providing speedy, cost effective, and convenient solutions to satisfy magnetic compass carriage and inspection requirements will enable your vessels to keep sailing without disruption of service.

The *Magnetic Compass Exchange Service Program* maintains a comprehensive stock of overhauled and certified magnetic compasses from all major brands in multiple strategic global locations; awaiting deployment to ports worldwide.

Easy Exchange Process

- Email the Following Details to compass@mackaymarine.com
 - Brand Name and Photo of Damaged Compass to be Exchanged
 - Ship-to Port and Date of Arrival
- An overhauled unit will be shipped to most any global port.
- Once the exchange compass is onboard, the crew simply removes the unit from the special shipping box.
- The damaged ship's compass should be returned in the same shipping box to Mackay in less than 60 days.
- The defective unit must be returned on time and in the original "exchange unit" box, or additional charges may follow.
- Typical Exchange Fee: \$800 (US)

Exchange Compasses In-Stock

- SARACOM – MC-180
- Tokyo Keiki (Tokimec) – HB-165A-5, SH-165A1
- Osaka Nunotani Seiki – KN-R165, R165-A (compatible interchangeable models)
- Cassens & Plath – Type 11 & 12
- Sperry Marine/C-Plath – Jupiter 2060
- Saura Keiki – SR165M
- Lilley & Gillie – SR3/4
- Ludolph – M55
- Observer – MK- II / III / IV



Exchange Program Benefits

- 24/7 Response & Rapid Replacement Handling of all Major Compass Brands
- No deficiencies nor detentions by Port State Control
- Fully Equipped Compass Repair, Overhaul and Calibration Workshop



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