

Mackay Marine is an authorized service agent for *Deckma Hamburg* Monitors, including servicing Deckma equipment and trained to provide the required periodic unit calibrations.

Basic Calibration Details & Mackay Marine Service for Deckma 15ppm Oily Water Monitors (often referred to as 15ppm... Bilge Alarm Monitors, Oil-in-Water Monitor, Oil Content Meter)

Deckma OMD-11 (links to product page at MackayMarine.com)

- Complies with IMO Resolution MEPC 60(33)
- Per the IMO Regulation; units should be checked regularly to confirm repeatability and accuracy.

Note: Port Authorities (PA), USCG & Class Societies like to see annual calibrations or calibration checks performed by an authorized Deckma service provider.

- <u>Calibrations can be carried out on board vessel **or** in a facility by an authorized service agent. *Mackay Marine* has a calibration station located in New Orleans, Louisiana, USA.</u>
- Mackay's charge* for a bench calibration is \$625.00 USD plus return freight charges. This includes labor, new calibration certificate and all necessary spares. Turnaround is 24-48 hours after receipt of monitor.

Deckma OMD-21 (links to product page at MackayMarine.com)

- Complies with IMO Resolution MEPC 60(33)
- Per the IMO Regulation; units should be checked regularly to confirm repeatability and accuracy. Note: Port Authorities (PA), USCG & Class Societies like to see annual calibrations or calibration checks performed by an authorized Deckma service provider.
- <u>Calibrations can be carried out on board vessel **or** in a facility by an authorized service agent. *Mackay Marine* has a calibration station located in New Orleans, Louisiana, USA.</u>
- Mackay's charge* for a bench calibration is \$625.00 USD plus return freight charges. This includes labor, new calibration certificate and all necessary spares. Turnaround is 24-48 hours after receipt of monitor.

Deckma OMD-24 (links to product page at MackayMarine.com)

- Complies with IMO Resolution MEPC 107(49)
- Measuring Cells must pass a Function Check Test at IOPP Renewal. If the unit does not pass the Function Check Test it must be calibrated by an authorized Deckma Service provider. This is per IOPP, USCG & all Class Societies.
- Annual Function Checks are strongly recommended. Calibrations are mandatory if unit does not zero with fresh water, unit fails a Function Check Test, unit does not alarm at 15ppm, measuring cell's seal is broken or if major repairs are carried out. USCG & Class Societies all follow these same criteria.
- Calibrations <u>cannot be carried out on board</u>. Mackay Marine has a calibration station located in New Orleans, Louisiana USA.
- Mackay's charge* for bench calibrations is \$565.00 USD plus return freight charges. This includes labor, new calibration certificate and all necessary spares. Turnaround is 24-48 hours after receipt of measuring cell.



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Deckma OMD-2005 (links to product page at MackayMarine.com)

- Complies with IMO Resolution MEPC 107(49)
- Measuring Cells must pass a Function Check Test at IOPP Renewal. If the unit does not pass the Function Check Test it must be calibrated by an authorized Deckma Service provider. This is per IOPP, USCG & all Class Societies.
- Annual Function Checks are strongly recommended. Calibrations are mandatory if unit does not zero with fresh water, unit fails a Function Check Test, unit does not alarm at 15ppm, measuring cell's seal is broken or if major repairs are carried out. USCG & Class Societies all follow these same criteria.
- <u>Calibrations cannot be carried out on board</u>. *Mackay Marine* has a calibration station located in New Orleans, Louisiana USA.
- Mackay's charge* for bench calibrations is \$600.00 USD plus return freight charges. This includes labor, new calibration certificate and all necessary spares. Turnaround is 24-48 hours after receipt of measuring cell.

Deckma OMD-2008 (links to product page at MackayMarine.com)

- Complies with IMO Resolution MEPC 107(49)
- Measuring Cells must pass a Function Check Test at IOPP Renewal. If the unit does not pass the Function Check Test it must be calibrated by an authorized Deckma Service provider. This is per IOPP, USCG & all Class Societies.
- Annual Function Checks are strongly recommended. Calibrations are mandatory if unit does not zero with fresh water, unit fails a Function Check Test, unit does not alarm at 15ppm, measuring cell's seal is broken or if major repairs are carried out. USCG & Class Societies all follow these same criteria.
- <u>Calibrations cannot be carried out on board</u>. *Mackay Marine* has a calibration station located in New Orleans, Louisiana USA.
- Mackay's charge* for bench calibrations is \$565.00 USD plus return freight charges. This includes labor, new calibration certificate and all necessary spares. Turnaround is 24-48 hours after receipt of measuring cell.

* Note – Mackay Marine's charges for Bench Calibrations are subject to change without notice. Rev. July 2013