



Coffin World Water Systems

Marine and offshore water separation specialists

OCTOBER 2009

COMPLIANCE ADVISORY ALERT

CWWS Provides Immediate Solutions in Compliance with

The final revision of the Code of Federal Regulations (CFR) 33, Part 155, implementing the International Maritime Organization resolution MEPC.107(49) for Oily Water Separators.

IRVINE, CA (October 13, 2009) — The United States Coast Guard (USCG) has issued the final revision of the Code of Federal Regulations (CFR) 33, Part 155, implementing the International Maritime Organization (IMO) resolution MEPC.107(49). In support of the marine and offshore markets, Coffin World Water Systems (CWWS) announces and can immediately provide two solutions that are fully certified and exceed MEPC.107(49) compliance standards.

The USCG CFR states that for oily water separators (OWS) installed on ships after 2004, the system must meet current standards to be approved. The approval for any OWS certified after January 1, 2005, using an alternative other than MEPC.107(49), expired on March 17, 2009. This resolution applies to U.S.-flagged vessels and/or foreign-flagged vessels entering U.S. waters.

Significant, immediate changes in CFR 33, Part 155 include:

- The requirement that all oily water separators and oil content monitors installed after 2004 be certified to MEPC.107(49). Vessel owners must install equipment meeting the new requirements by one of two dates: 1) the date of the vessel's first drydock following October 13, 2009; or 2) for those vessels going into international service for the first time since January 2005, the date of their first survey prior to receiving their International Oil Pollution Prevention (IOPP) certificate.
- Termination of MEPC.60(33) approval for any OWS manufacturer on March 17, 2009.

To assist vessels in becoming compliant immediately, CWWS offers two solutions that are fully certified to MEPC.107(49) and exceed compliance standards. The first option is to replace the existing OWS with an ULTRA-SEP™ Oily Water Separator system. The second option is an upgrade kit for an existing HELI-SEP® OWS. The SPIR-O-LATOR® Upgrade Kit converts the HELI-SEP OWS to an MEPC.107(49)-certified ULTRA-SEP OWS.

Both solutions utilize proprietary SPIR-O-LATOR Membrane Technology, the only technology that provides a *Positive Physical Barrier™* to prevent oil discharge. SPIR-O-LATOR Membranes exceed MEPC.107(49) standards, reliably and continuously producing clean water with oil content less than 5 ppm. System benefits include:

- Guaranteed overboard discharge of less than 5ppm oil content
- One-year system warranty and three-year SPIR-O-LATOR Membrane warranty
- Easy maintenance, clean-in-place capabilities and semi-automatic operation
- Low operating costs, with no chemical or biological by-products
- Satisfies requirements where overboard discharge of less than 5ppm oil applies

The SPIR-O-LATOR Upgrade Kit can be installed while underway, minimizing disruptions or time spent in a shipyard. All components can fit through existing doorways, hatchways and into tight spaces. The upgrade kit utilizes existing onboard HELI-SEP separators, with the removal of obsolete components. The upgrade kit contains all required materials for the conversion, including: SPIR-O-LATOR Membranes, control module, process pump, process filter, user-friendly instruments, a new MEPC.107(49)-certified oil content monitor and detailed instructions. Each upgraded ULTRA-SEP OWS carries a Coffin World Water Systems warranty and a new USCG MEPC.107(49) certificate.

The SPIR-O-LATOR Upgrade Kit is available for all HELI-SEP models, from the compact 0.5 m³/h HS500 to the large 10.0 m³/h HS10000.

Vessel owners and operators that are not yet compliant with MEPC.107(49) are encouraged to contact CWWS to discuss an appropriate solution. Contact David Evans at 949/777-3721 or e-mail ows@cwworldwater.com.

###

ABOUT COFFIN WORLD WATER SYSTEMS

Coffin World Water Systems (CWWS) is a well established company with more than 25 years of experience designing and manufacturing water treatment, separation and filtration solutions for the offshore and marine industries. The company serves a global market with sales agents and six service centers with spare parts inventory positioned strategically around the world. The company's extensive knowledge of fluid dynamics, filtration and separation technologies, innovative engineering, efficient manufacturing techniques and stringent quality controls provide customers with proven and effective solutions for their water and wastewater treatment applications. CWWS is an ISO 9001:2000 certified company with dedicated resources for quality control and assurance. CWWS is a subsidiary of Coffin Turbo Pump, Inc., the leading manufacturer of marine boiler feed pumps and turbines for more than 70 years.