

MARINE STADIUM 2017 N.M.M.A. MARINE FACILITIES BEST MANAGEMENT PRACTICES

The use of our Marine Operating Permit From The Department Of Environmental Resources Management, Pursuant To Ordinance 89-104.

1. Our facility has for this years show 550 slips (as of February 1, 2017)
2. Vessels for show to be on site staging from Feb 10th to Feb 15th
3. Show is open to the public Feb 16th - 20th
4. Show Hours: 10am – 6pm Thursday Feb 16th - Monday Feb 20th
5. Vessel move out from Feb 20th - Feb 24th 9am – 5pm

We agree to adhere to all conditions set forth in the DERM Class 1 coastal permit issued for this event.

In addition to those specific and general conditions the following standard best practices will be maintained.

001. Manatee Protection: Permittees should be aware that a "Dade County Manatee Protection Plan" has been developed and adopted. This plan provides insight into this endangered species' plight as well as its migratory travel paths and congregation areas. As such, this plan offers valuable information for all marine facilities. This plan also sets forth new requirements for the operation of marine facilities to lessen the impacts of these new facilities on the manatee. These new requirements cover such items as the required retrofitting of existing berthing facilities that handle boats of 100 feet and larger with fendering systems. The plan also includes guidelines for expansion and construction of new facilities.

We will have installed on upland locations manatee awareness signs at each entry point for the docks

We have included in our Exhibitor package a travel map electronically, and will issue a hard copy in color showing the manatee areas, and other environmentally sensitive areas to avoid.

During the show setup, and operation manatee spotters will be present keeping a watchful eye and taking the necessary actions of shutting down when a manatee is spotted.

We will keep specific sea trial logs and submit them as required at the shows end.

As the manatee's existence will be a key factor in how marine facilities will be allowed to operate in the future, it is recommended that each permittee familiarize themselves with the plan. Copies of this plan, DERM Technical Report 95-5, can be obtained by contacting Mr. Jose Diaz of DERM at (305)372-6576.

All permitted facilities shall post a minimum of two (2) "Manatee Caution" signs within their facility. Said signs shall be visible to vessels as they enter and exit the facility. Facilities with fifty (50) or more boat slips are required to post a manatee informational display on the uplands, in an area where it shall be clearly visible by patrons of the facility. In addition, all facilities shall provide vessel owners written manatee information every November. Smaller MOP sources located within larger marine facilities need not provide their own additional signage

We shall have 6 pairs of manatee awareness and educational signs , 2 at each entrance location to the docks.

Harassment of manatees is prohibited. Harassment includes, but is not limited to, feeding, watering, physical contact, and/or any interference in their normal behavior or movements. Manatees may grow accustomed to receiving food or water from people, thereby losing their natural fear, and may begin approaching vessels and docks looking for handouts. This behavior and the ingestion of unsuitable foods, increases their chances of injury.

002. Hurricane Preparedness Plan: All permitted facilities shall prepare a written hurricane preparedness plan for their facility and provide a copy to all vessel owners using the permitted facility every June.

We do not expect to have any hurricane activity during this time of year the docks are designed for in climate weather in the event of a discrete storm event the vessels shall be secured and no sea trials will be allowed

003. Pumpout Facility: Any facility required by law or a construction permit to have a fixed or portable pumpout facility shall maintain the pumpout in operating condition and shall have appropriate signage.

This facility has no live aboard policy, no pump out is allowed or needed on site

004. Discharge of Sewage from Vessels (excludes "Graywater", see BMP #016): Marine facility operators shall advise all tenants of the following:

These are new vessels and will not have any discharge of any sewage or "Greywater"

005. Waste Oil: This includes waste engine oil, transmission fluid, hydraulic oil, gear oil. Waste oil must be stored in a non-leaking container clearly marked "waste oil" on an impervious surface, and covered in a manner that will prevent rain water from entering the container. Oil spills must be prevented from leaving the area by means of a berm or retaining structure. Waste oil must be removed from the site by a permitted waste oil transporter and receipts retained for inspection.

There will be no waste oil on facility property, these are new boats.

006. New Oil: This includes new engine oil, transmitsston fluid, hydraulic oil, gear oil. These petroleum products must be kept in non-leaking containers on an impervious surface with a surrounding berm or retaining structure, and covered in a manner that will prevent rain water from entering the container. Leaking containers must be emptied promptly upon detection, either by transferring the product to a non-leaking container or by disposing of it in the "waste oil" container.

Any new oil or petroleum type fluids will be properly stored and maintained. There is a no open storage policy, where any petroleum products cannot be left out in the open or on the dock

007. Anti-Freeze Engine Coolant: Anti-freeze is considered a hazardous product and when drained from an engine, it must be stored in a clearly marked container on an impervious surface with a surrounding berm or retaining structure, and covered to prevent rain water from entering the container. It cannot be disposed of down a storm drain or sanitary sewer. It must be removed from the site by a permitted liquid waste transporter, and receipts must be retained for inspection.

Anti Freeze products will be properly stored, there is no open storage of these products, they are not allowed to be left on the dock or deck of a boat

008. Waste Gasoline: Must be stored in a non-leaking container, on an impervious surface with a surrounding berm or retaining structure, and covered to prevent rain water from entering the container. The container must be clearly labeled "waste gasoline" and the storage location must conform to local Fire Codes. Whenever possible, waste gasoline shall be filtered and used as a fuel. Waste gasoline shall not be discharged to the ground, storm sewers or to surface waters of Dade County. Waste gasoline must be removed from the site by a waste transporter permitted to handle this waste product and receipts must be retained for inspection.

There will be no waste gasoline allowed on the site. No activities will produce waste gasoline

009. Waste Diesel, Kerosene and Mineral Spirits: These must be stored in non-leaking containers on an impervious surface with a surrounding berm or retaining structure, and covered to prevent rain water from entering the container. Each container must be clearly labeled with its contents. The storage locations shall conform to local Fire Codes. The disposal of these waste products must be by a waste transporter permitted to handle such wastes, and receipts must be retained for inspection. Waste petroleum products shall not be discharged to the ground, storm sewers or to the surface waters of Dade County.

There will be no waste diesel, kerosene or mineral spirits on the site. No activities will produce these waste products

010. Oil Spills on Land: Oil spills shall be collected and put into the waste oil container. Oil residues may be absorbed with "spill-dry" or a similar product and disposed of with the regular trash.

As a precaution oil spill boom shall be kept on each pier (8 piers total) the boom shall be 200 feet per pier, allowing containment of the largest vessel on site, boom shall be in clearly marked containers centrally located on each pier

011. Fuel Spills on Land:

A. Spilled diesel fuel shall be collected and placed in the waste diesel container.

Uncollectible amounts may be absorbed using "spill-dry" or other petroleum absorbent materials and disposed with the regular trash. If absorbent pads are used, they shall be double-bagged in plastic and disposed of with the regular trash. (This BMP pertains to spills of twenty five (25) gallons or less.)

Spills on land shall be cleaned with spill dry or absorbent pads, staff on site will have these items located accordingly

B. Spilled gasoline shall be collected and placed in the waste gasoline container. Residues remaining on the ground may be absorbed with "spill-dry" or absorbent pads, but the absorbent material must be thoroughly aerated before disposing with the regular trash to remove gasoline vapors.

Spills on land shall be cleaned with spill dry or absorbent pads, staff on site will have these items located accordingly

012. Grease: Spilled or waste grease shall be collected and put into the waste oil container. Residues remaining on the ground may be absorbed with "spill-dry" or a similar product and disposed of with the regular trash.

Grease spills on land shall be cleaned with spill dry or absorbent pads, staff on site will have these items located accordingly

013. Oil Filters:

There will be no used oil filters allowed or generated on site, in the event an exhibitor feels the need to perform maintenance on his vessels the vessels shall be taken offsite

014. Petroleum Products (general):

There will be no storage of, transfer of, sales of any petroleum products on site

015. Fueling Operations:

No fueling operations of vessels on site

016. Mobile Fueling:

No mobile fueling is allowed on site or within the boundaries of the marine stadium

017. Bilge Waste Water:

No bilge waste water will be discharged, these are new vessels, in the event that some accident may occur there is spill containment materials located on each pier

018. Used Lead-Acid Batteries:

There will be no used lead acid batteries on site

019. Steam Cleaning:

There will be no steam cleaning allowed on site

020. Pressure Cleaning

There will be no pressure cleaning allowed on site

021. Washing by Hand Above Waterline:

Any cleaning agents for hand washing on site shall be biodegradable, and disposed of according to rules set forth in this MOP considered standard

022. Automated Boat Washing Facilities

N\A

023. Bottom Paint Removal:

There will not be any bottom paint removal or installation allowed on site

024. Hand Sanding Hull or Topsides:

There will be no hand sanding or any sanding of hull or topside allowed on site

025. Sanding Hull or Topsides with Power Tools: *There will be no sanding of vessels on site*

026. Engine and Parts Storage: Engines and engine parts must be stored on a covered, impervious surface. Care must be taken to prevent oil and grease from leaking onto the open ground.

027. Engine Parts Washing: Parts washing may not be done over open ground. Parts washing must be done in a container or parts washer. The parts must be rinsed or air dried over the parts cleaning container. The dirty parts washing fluid must be recycled or disposed of by a licensed waste hauler. The preferred disposal method is by a permitted parts washing contractor who brings new fluid and takes away the sludge and dirty fluid.

No Engine Part Washing will be allowed.

028. Disposal of Solid Waste: All facilities shall provide an adequate number of leak proof containers for the disposal of solid waste and garbage.

029. U.S. Coast Guard MARPOL (Marine Pollution) Regulations: These regulations can be obtained by contacting the U.S. Coast Guard Marine Safety Office at (305) 535-8701. Enforcement is by the Coast Guard, but DERM field inspectors are familiar with these regulations and will report violations to the Coast Guard.

A General: The operation of a commercial dock or terminal facility must be in compliance with all applicable BMPs. Activities on land or on the commercial vessel which are pollution producing, must be conducted in accord with these BMPs, in addition to the federal, state and local laws that apply. It is the responsibility of the permitted facility to inform in writing, the captain of each ship utilizing the facility, of the requirements in these BMP's.

B. The commercial dock or terminal operator, as the holder of a Marine Facility Permit, shall be responsible for observing the actions of any commercial vessel when it is at the permitted facility. This responsibility extends to foreign vessels, while docked at the permittees facility. It is the responsibility of the permit holder to be familiar with the

MARPOL regulations as they apply to foreign vessels and to report any violations to the proper authorities.

C. Following initial inspections by Customs and Immigration, a representative of the facility shall give the Captain of a foreign vessel a copy of the facility's "Rules and Regulations" in contract form, making the Captain personally responsible for the actions of the ship while it is docked at the permitted marine facility. The facility's "Rules and Regulations" shall be in the language applicable to the Captain and crew and shall as a minimum, summarize the correct procedures for disposing of solid waste, hull and engine repairs, the disposal of sanitary waste and the disposal of contaminated bilge water or ballast water.

D. The permit holder shall make available adequate leak proof containers for the solid waste and garbage from a commercial vessel. Waste and garbage from a foreign vessel is regulated and must be separated and disposed of in compliance with MARPOL and U.S.D.A. regulations.

E. Engine and hull repairs on a commercial vessel while at the permit holder's facility must be in compliance with all applicable BMPs.

F. MARPOL regulations prohibit the disposal or discharge of all solid waste into the waters of Dade County, from any marine facility and associated commercial or recreational vessels. Also prohibited is the discharge of bilge water containing waste oil so as to produce a visible sheen on the surface water, and the discharge of ballast water that produces a visible discoloration in surface water. Shipping terminal facilities shall provide storage for waste oil removed from bilge water/oil separators and also provide at a reasonable cost, oil absorbing material to be placed in the ship's bilge and a DOT approved container in which such material can be stored for pick up by a licensed waste hauler. The terminal facility shall also provide the ship's Captain with the telephone numbers of licensed pump-out truck companies and the telephone numbers of the various local governmental agencies to be contacted in the event of any emergency.

030. Spray Painting: Marine facilities that engage in spray painting are required to obtain a permit from DERM'S Air Section. This permit will be site specific, and will require a description of the equipment to be used and the type of work to be done. If a permanent spray booth is used then engineering plans or drawings will be required. Permits are issued to a facility and not to independent contractors. For information on obtaining this permit contact Ray Gordon of DERM'S Air Section at (305) 372-6924.

There will be no Spray Painting of vessels.

031. Sandblasting: Marine facilities that perform sandblasting may require a permit from DERM'S Air Section. If required, this permit will be site specific, and will require engineering plans or drawings a description of the equipment to be used and the type of work to be done. For information regarding this permit contact Ray Gordon at DERM's Air Section at (305)372-6924.

There will be no sandblasting of vessels.

032. Asbestos Removal: Facilities involved in the renovation or demolition of marine vessels should be aware of the very stringent Federal and State regulations relating to the disturbance of asbestos containing materials. Prior to undertaking such work on a vessel which has asbestos containing materials contact Ray Gordon of the DERM Air Section at (305) 372-6924 for information on the requirements. The regulations dealing with asbestos removal are primarily contained in 40 CFR

61, subpart M, and chapters 255 and 455, Florida Statutes. Significant penalties are mandated for violations of asbestos regulations.

N/A – There will be no asbestos in any vessel.

033. Storm water runoff: (National Pollution Discharge Elimination System) the EPA "NPDES" program requires that each marine facility have a plan detailing how the facility deals with its rainwater runoff and the pollution carried by rainwater. Information on the NPDES program can be obtained from Mike Gambino, of the Stormwater Utility Program, at DERM by calling (305)372-6473.

034. Fish Cleaning Stations: Facilities with fish cleaning stations shall provide covered trash containers at a convenient location adjacent to each fish cleaning station for the disposal of fish carcasses. Permanent signs shall be posted at each cleaning station advising facility patrons of this disposal requirement. In-water disposal of fish carcasses is prohibited.

No fish cleaning stations are permitted.

No fish cleaning or fish waste will be permitted.

035. Coastal Construction and Mangrove Trimming:

Special care has been taken to avoid impacting mangrove or wetlands vegetation, growing along the shoreline of the show

Additional operational procedures will include:

Water taxi operations:

- Water taxis shall have manatee spotters on board at all times
- Water taxies shall operate within the specified channels as listed on the travel map

- Water taxis shall honor the no mooring area (all vessels shall keep out of the no mooring areas)
- Water taxis shall operate in slips as they are categorized in the permit

Trash cleanup:

- Trash shall be collected from the shoreline during all operations
- Staff shall be on site with nets to capture any debris that may accidentally fall in the water
- All trash collected shall be disposed of appropriately
- Recyclable materials shall be disposed of accordingly
- Trash containers shall be located along the dock, and shall be maintained throughout the show.
- Trash collection vessels shall be monitoring and collecting any trash that may drift into the basin during the show

Manatee Protection:

- Trash collection vessels shall be operated by a trained manatee spotter
- Idle speed no wake policies shall be maintained within the boundaries of the show
- FWC and City of Miami Marine Patrol shall maintain idle speed conditions entering and exiting the show
- Seagrass boundary buoys have been installed to keep any show boats from entering these protected areas
- Only Vessels associated with the event will be given access to the basin

- Miami Boat Show Version January 2017