



# USA Water Ski & Wake Sports Approved Tournament Towboats 2022



**REVISED 06/10/2022**

The following list identifies those towboats successfully meeting the 2021-2022 USA Water Ski Approved Tournament Towboat Evaluation criteria and guidelines. By meeting and /or exceeding the USA Water Ski criteria for three-event towboats, the following are now **"APPROVED"** to pull sanctioned events. Boats are approved only as tested, and must be configured with engine, fuel delivery system, propeller, and transmission as shown below.

**As Chief Driver, it is your responsibility to ensure that the Towboat Documentation Report has been completed in WSTIMS. Check with the Chief Scorer to ensure that the boats available or used during the tournament have been recorded. Use the boat models as listed below. Also, please read the Towboat Use Policy information for model year requirements.**

Boat		New/ Unmodified	Engine Mfr. & Model/Trans.	Propeller			Speed
Manufacturer	Model			Mfg / Model	Blades	Size	Control
Malibu	Response TXi	New/Modified	5.3L M5Di STD 1:1	AC 525*	3	13 x 11.5 Nibral	ZO
			6.2L M6Di STD 1:1	AC 525	3	13 x 11.5 Nibral	
				AC 515*	3	13 x 12 Nibral	
			OJ 330	3	13 x 11.5 Nibral		
MasterCraft	ProStar	New	Ilmor MV8 (6.0L) /1.26:1	OJ 1709-MF*	4	13.9 x 14.25 Nibral	ZO
			Ilmor MV8 (6.2L) /1.22:1	OJ 867-MF	3	14 x 13.5 Nibral	
Nautique	Ski Nautique	Unmodified	PCM ZZ5 (5.3L) /1.23:1	AC 654*	4	12.5 x 15 Nibral	ZO
				AC 1458	3	13 x 14 Nibral	
				AC 4000	3	13.25 x 15 Nibral	
	PCM ZR4 (6.0L) / 1.23:1 PCM ZZ6 (6.2L) /1.23:1	AC 668*	4	12.5 x 15.5 Nibral			
		AC 1458	3	13 x 14 Nibral			
		AC 4000	3	13.25 x 15 Nibral			
Nautique 200	Unmodified	PCM ZR4 (6.0L) / 1.23:1 PCM ZZ6 (6.2L) /1.23:1	AC 668*	4	12.5 x 15.5 Nibral		
			AC 1458	3	13 x 14 Nibral		
			AC 4000	3	13.25 x 15 Nibral		

**NOTE: Props indicated with \* are typically the primary prop; however, boat with engines approved with more than one propeller may use any approved prop in sanctioned tournaments.**

### **MasterCraft Ballast/ Weight System – Tricks Only**

The ProStar is approved in Tricks: 1) with a weight system; and 2) without a weight system. If the boat is used with the ballast/weight system, it must be configured as it was tested and approved.

**2021 & Later** – If weighted, two options: 1) **200** pounds total, using **two sets** of weight bags **totaling 100lbs each** installed in each of the two rear compartment trays; or 2) **100** pounds total, using **two sets** of weight bags **totaling 50lbs each** installed in each of the two rear compartment trays.

**2020 & Earlier** – If weighted, the configuration must include a full ballast / fat sack in the bilge; under the floor compartment / middle judges' seat (150lbs). In addition, **150lbs** total in the stern using **two sets** of weight bags **totaling 75lbs each** installed in each of the two rear compartment trays).

Rear storage compartment trays are located inside the top loading access doors at the back of the boat.

The ProStar is not approved with any other configuration, in other words, a user cannot simply put weight on the boat floor.

### **Nautique Hydrogate – 2018 & Earlier**

The Nautique Hydrogate can be set in one of two positions, slalom or tricks/jump (may not be set in between modes).

- Tricks: The default position is the trick mode. The skier has the option of using the slalom mode. It is the skier's responsibility to inform the boat crew when choosing the slalom option. The skier may choose to change the setting between passes.
- Jump: The default position is the jump mode. The skier has the option of using the slalom mode. It is the skier's responsibility to inform the boat crew of slalom option prior to leaving the dock. In Class C tournaments only, the skier may choose to change the setting between jumps.
- Slalom: The gate will remain in the slalom mode.

### **Nautique Hydrogate & MicroTuners – 2019 & Later**

The Nautique Hydrogate has 11 settings (Zero to Ten – inclusive).

- Slalom: The gate will remain in the slalom mode. Microtuners - There will be NO RE-RIDES for a setting different than requested, as long as the adjustment for the line length is within the Matrix provided by the company. If a rope length is selected that changes the MicroTuner setting (for example the proper rope length should have had the MicroTuners deployed and the chosen length did not deploy them), then a ride will be allowed. If a complete pass was made, there will be no ride.
- Tricks: The Trick Hydrogate will be 0 to 10. The default setting is Trick mode (10). The Hydrogate may be adjusted to a setting from 0 to 10 of Slalom (0), Middle 1 to 9 or Trick mode (10). The skier may choose to change the setting between passes.
- Jump: The Jump Hydrogate will be 0 to 10. The default setting is Jump mode (10). The Hydrogate may be adjusted to a setting of Slalom (0), Middle 1 to 9 or Jump mode 10. It is the skier's responsibility to inform the boat crew his Hydrogate setting prior to leaving the dock. It will remain in that position for his/her turn

### **Ski Nautique Ballast System – Tricks Only – 2019 & Later**

If equipped, the ballast system starting level may be chosen by the skier (0%, 25%, 50%, 75%, or 100%). The skier may select +/- 50% for his second pass based on his first pass selection. The LOC along with the CJ may set a maximum upper ballast level. If so, the skier may not exceed that limit when selecting a second pass change.