

## APPENDIX B - GLOSSARY OF RACE TERMS

**APBA:** American Power Boat Association

**Bond Line:** The imaginary line around a watercraft where the hull and the deck are joined together.

**Bond Flange:** The overlapping/mating section where the deck (upper) and the hull (lower) portions are joined.

**Boost Regulator Valve:** A device used to control the maximum boost on a turbo/supercharged watercraft.

**Bottom End:** Low end power of a watercraft.

**Bore:** The internal diameter of a cylinder.

**Buoy:** An inflatable object used to mark a turn on a race course.

**Carbon Fiber:** A lightweight material composed by adding resins to graphite cloth. Often used to build race hulls.

**Cavitation:** The jet pump sucking air instead of water causing loss of speed.

**Closed Course:** A competition in which entrants race several laps around a buoy-marked track.

**Course Marshall:** An official located on the race course to help control the race and assists stopped riders on the course.

**Compression:** A measurement of air that is compressed within the walls of an engine cylinder.

**Deck:** The upper structural body of the watercraft located above (and including) the upper bond flange.

**DQ:** Disqualified.

**DNF:** Stands for "Did Not Finish." Used when a competitor drops out of a race for any reason.

**DNR:** Stands for "Did Not Race." Official classification of an entered rider who does not start an event or, in closed course competition, does not complete one lap.

**Freestyle:** A competition in which entrants are judged during a two-minute routine of tricks and maneuvers.

**Fuel Injection:** A system that does

not depend on the engine's vacuum to induct fuel into the engine.

**Handlepole:** The moveable object that connects the handlebars to the hull of Ski Division watercraft.

**Heat Race:** A preliminary race held to determine which riders will advance to the main event.

**HIN:** Hull Identification Number. A unique serial number generated by the manufacturer and affixed to each watercraft.

**Holeshot:** If a rider gets the "holeshot" it means they got to the first turn ahead of the competition.

**Hull:** The lower structural body of a watercraft located below (and including) the lower bond flange.

**Hydrospace:** Trademark name for Hydrospace

**IJSBA:** International Jet Sports Boating Association.

**Impeller:** Similar to a propeller, it is housed inside a jet pump for safety.

**Intake Grate:** The device that protects the jet pump from damaging debris.

**Jet Pump:** The device that houses the impeller and builds thrust to propel the craft.

**Jet Ski:** Trademark name for Kawasaki Motor Corporation brand watercraft.

**Lanyard:** A short cord which connects the rider to the kill button so that the engine will stop running if a rider falls off.

**LCQ:** Last Chance Qualifier. A closed course event that generally follows a heat race and is used to complete the starting field for a final or semi-final.

**Leg Drag:** A method of turning where one leg acts as a rudder.

**Log Jump:** An obstacle used in closed course racing that consists of tires which riders in the ski division must ride over.

**Mid Range:** The area at approximately the middle of an engine's powerband.

**Moto:** When the number of entries is less than or equal to the maximum number of watercraft allowed on the race course at a time, there is no qualifying and the moto system is in effect. The moto system uses results of two separate races to mathematically determine overall results.

**NA:** Normally Aspirated – This is used to describe four-stroke watercraft that do not have a forced induction system (not turbo or supercharged).

**Original Equipment:** Parts that were installed on each model watercraft at the time of manufacture.

**PDFD:** Personal Flotation Device. A device used to keep riders afloat that is required to be worn by all participants.

**Pit Area:** Area used by racers and mechanics to make repairs, store watercraft, etc.

**Pit Crew:** A rider support person or group that prepares and maintains the watercraft.

**Polaris:** Trademark name for Polaris Industries brand watercraft.

**Porpoise:** The act of a boat's nose bouncing up and down in the water.

**Porting:** A high performance modification done to the engine cylinder.

**Race Director:** Official who is responsible for the conduct of the race.

**Replacement Part:** A non-original equipment part used to replace and original equipment part.

**Replica:** A copy or duplicate part.

**Ride Plate:** A metal plate used to cover the jet pump. It aids in the watercrafts stability.

**Sanction:** An agreement between the APBA and a promoter to conduct a race by the specified criteria and run by APBA rules.

**Sea-Doo:** Trademark name for Bombardier Recreational Products brand watercraft.

**Shoulder Drag:** A method of turning where the rider drags his shoulder in the water.

**Slalom:** A watercraft competition in which entrants are clocked one at a time as they maneuver a series of stationary buoys.

**Sponson:** A special planning surface which may be attached to the hull sides or transom.

**Sponsor:** A person or group that provides support to a rider, promoter, or event in exchange for promotion.

**Staging Area:** The location near the starting line where racers wait for the scheduled race to start.

**Starter:** Official who gives the signal to start a race.

**Starting Line:** The straight boundary that denotes the beginning of the race.

**Strake:** A well-defined angle usually added to deep-V hulls for a softer and more stable ride at high speeds.

**Submarine:** Freestyle maneuver in which a rider totally submerses the boat under water.

**Supercourse:** A watercraft competition in which entrants compete on a long race course utilizing multiple buoys to create gradual turns for an extended time period of time.

**Technical Director:** Official who checks competing watercraft for safety and technical infractions.

**Tigershark:** Trademark name for Arctic Cat brand watercraft.

**Total Loss:** A high performance ignition system that has no battery charging capabilities.

**Top End:** The highest area of a boats powerband.

**Waterbox:** The final portion of a watercraft exhaust system, which mixes water and sound waves to muffle the exhaust noise.

**WaveRunner:** Trademark name for Yamaha Motor Corporation brand watercraft.

**Wetsuit:** A neoprene rubber outfit worn when riding in cold conditions.