

These Rules were Developed and adopted and Modified by :-  
Echinops LTD Powerboat Racing Management and Consulting , with the Guidance  
and assistance of the RYA , BIBOA and the Belgian Federation . and revised with  
the French Federation



FEDERATION BELGE MOTONAUTIQUE ASBL  
BELGISCHE MOTORBOOT FEDERATIE VZW



## INTERNATIONAL RULES FOR RIB RALLY EGYPT

### 1 GENERAL EXPLANATION

#### 1.1 GENERAL PRESENTATION

- a) These rules are established As guidelines for Offshore RIB Power boat rallying in open sea to be able to compete in different Whether conditions with fair Safe Rules to make the competitors have fair chance of winning with Endurance as basic parameter and not only speed .
- b) so that owners of the many different designs of RIBs may take part in competitive events in a standard, safe, fair and enjoyable manner.
- c) To foster and develop a design of boat that is expressly built with massive inflatable buoyancy for safety and stability combined with an efficient hull for speed, practicality, comfort and pleasure.
- d) To have guidelines for national authorities to be able to certify and assess compatibility to and conformity to participate in offshore rallies.
- e) To discourage designs that compromise safety for speed.
- f) It is preferable that boats should have Pilot on wheel and throttle co-pilot and navigator
- g) It is preferable that the boats have standing seats position. But if have Racing seats should have proper suspension and assure high safe flexibility to avoid back injuries.

## **2. COMPETITORS QUALIFICATION**

- h) There must be a minimum of two persons on board the vessel during a race with minimum navigation experience, In All classes and a Maximum of 4
- i) Both pilot and co-pilot should have minimum know how about communication with VHF and Signals as well as flags.
- j) Both pilot and co-pilot should have first aid knowledge and resuscitation knowledge .
- k) Both pilot and co-pilot should be aware of rescue procedure and safety procedure and have to sign for reading and carefully understanding the procedures as well as all exit points and drifting directions.
- l) Pilot and co-pilot have to have previous experience or 10hrs training on racing and Navigation from accredited and approved Instructor or facility.
- m) Both pilot and co-pilot should present a Sports Licence of their National authorities or present a medical declaration to Race centre to ensure good acceptable health and free from back, neck and heart diseases to be able to Purchase the Rally Special Licence available for a fee of 70€. In the case of somebody deemed fit despite previous injury or medical case and Safety officer as well as MD approves his participation he should be checked before and after each race and have his condition aware to the second person on board and should have proper medication with second always.
- n) All competitors must carry their passports and their event licences all the time on them in a safe non submersible Ziploc pack.
- o) All competitors must wear an approved acceptable Helmet colour Red Orange or Yellow . If helmet of another colour Orange stickers should cover about 30% of Helmet

## 3 CLASSES

RIB Supper Sport	MIN SIZE	7.5 meters	MAX SIZE	13 meters
	MIN HP	2 X 200	MAX HP	2 X 300
	MIN HP Diesel	2 X 240	MAX HP Diesel	2 X 350
	MIN WEIGHT	1400KGMS	MIN WEIGHT	2100KGMS
RIB Sport	MIN SIZE	6.5 meters	MAX SIZE	9 meters
	MIN HP	1 X 150.	MAX HP	1 X 300
	MIN HP Diesel	1 X 240	MAX HP Diesel	1 X 350
	MIN WEIGHT	700KGMS	MIN WEIGHT	1050KGMS
RIB OPEN CLASS	MIN SIZE 7 METERS MAX SIZE 12METERS MIN WEIGHT 3.5KGMS PER HORSE POWER WITH EMPTY FUEL TANK AND WATER AND BALAST AND WITHOUT PEOPLE			
ECHINOPS CLASS Same boat same power same Specs single Engine 225 hp	7.5 METER UNICLASS 20 RIBS POWER 225HP CREW OF Min 2 Max 4			

**Stepping and or foot-throttle will be handicapped with 4Kgms per Horse Power**

**All boats competing with allowed changes to the engines should respect the Formula restricting the Weight of the boats to 3.5 Kgms per Horse Power.**

**All boats participating will have to install a Tracking device that will be provided and installed the first Day of the Rally**



## **4. SPECIFICATIONS FOR BOATS COMPETING IN RIB SUPERSPORT AND SPORT:-**

### **1. MODIFICATION PERMITTED FOR ENGINES**

- a) The original propeller may be replaced by any other.
- b) Sparking plugs may be changed for any other.
- c) Revolution counters, tachometers, water pressure and temperature gauges may be fitted to engines.
- d) Thermostats of the cooling circuit may be removed.
- e) Over speed switches may be blocked.
- f) Re-boring and fitting of oversized pistons is allowed up to 0.9mm as made available by the manufacturer.
- g) The steering bar and brackets may be reinforced as a safety measure. It is also permitted to modify the standard engine cowling in order to facilitate the fitting of steering assemblies, provided that any openings are sealed so the engine cannot pull in any additional air.
- h) The rubber mounts of the engine may be changed or. Substituted.
- i) A spring may be added to the butterfly valve of the. Carburettor.
- j) The carburation and ignition advanced controls may be tuned, but without altering the original parts.
- k) The replacement of nuts, or the addition of lock nuts, drilling and wiring, split pinning or key is allowed, provided the screws and pins are the original ones.

## 2. TWIN INSTALATION - Outboard Engines

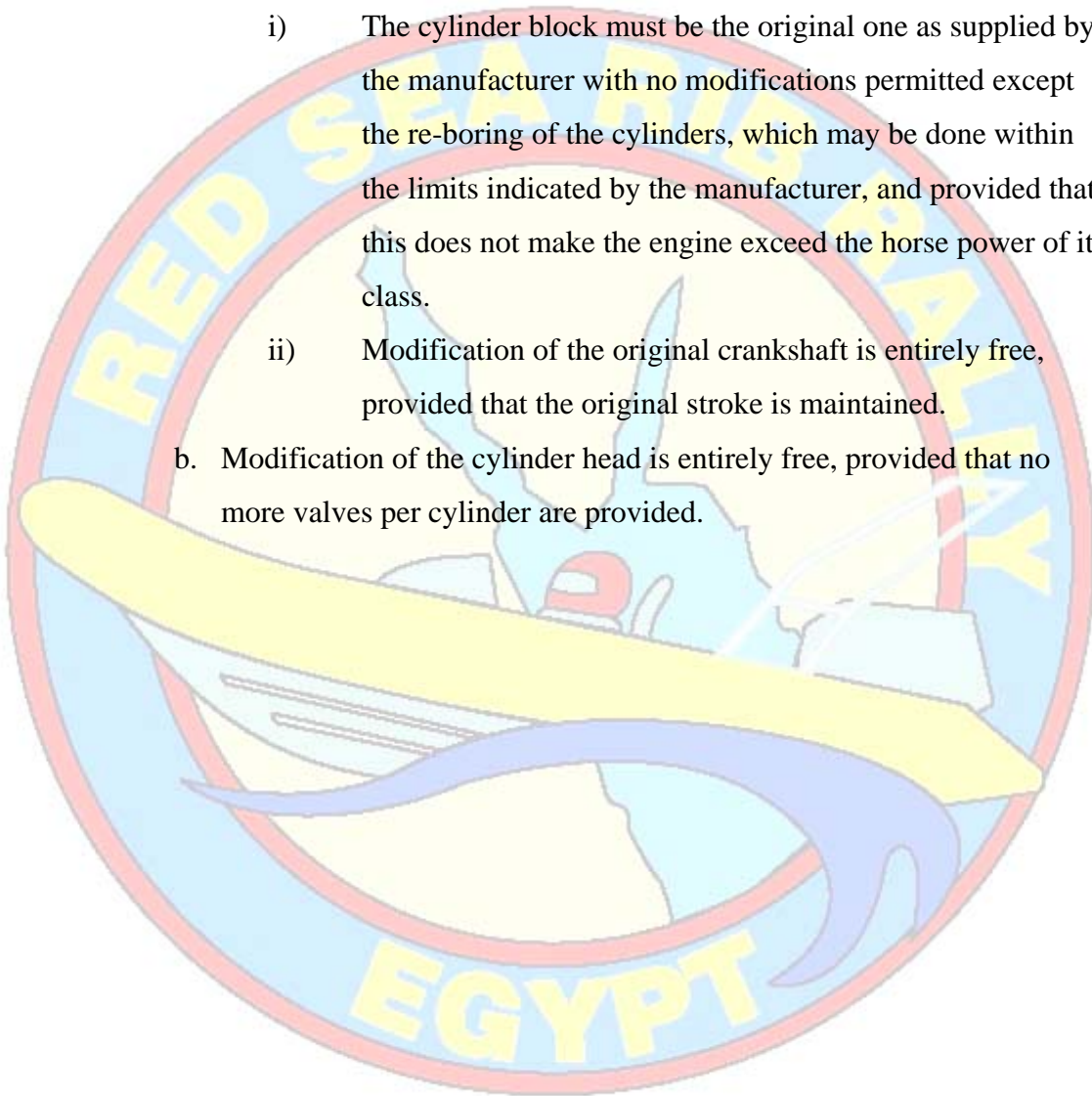
- i) When twin engines of the outboard type are installed, but the particular type is not available with opposite hand rotation, it is permitted to modify the drive of one unit to opposite hand propeller rotation provided that:
- ii) the standard underwater casing is retained
- iii) the final propeller ratio to the crankshaft is unaltered.
- iv) It is also permitted to change the rotation of one unit if an alternative opposite hand rotation underwater unit, or kit of parts to modify the unit, is offered by the manufacturer or his concessionaire. In that event the gear ratio of the single altered engine may vary from standard provided that it is an incorporate part of the alternative unit or kit.

### - MODIFICATION TO OUTBOARDS

- i) The use of thrust blocks mounted on the lower unit and/or on the boat is permitted.
- ii) Power trim - a properly engineered system for altering engine trim whilst underway is permitted.
- iii) In the process of modification, minor optional alternatives as listed and priced by the makers may be permitted provided they do not affect engine performance, but improve convenience and safety.
- iv) Plastic reed valves may be fitted as made available from the manufacturer.
- v) Remote water pick-ups are not allowed.
- vi) Lighter flywheels may be fitted as made available by the manufacturer.
- vii) Transom brackets may be reinforced.

### 3. MODIFICATIONS ALLOWED - Inboard Engines

- a. The preparation and modification of inboard engines is completely free, with the following restrictions:
  - i) The cylinder block must be the original one as supplied by the manufacturer with no modifications permitted except the re-boring of the cylinders, which may be done within the limits indicated by the manufacturer, and provided that this does not make the engine exceed the horse power of its class.
  - ii) Modification of the original crankshaft is entirely free, provided that the original stroke is maintained.
- b. Modification of the cylinder head is entirely free, provided that no more valves per cylinder are provided.





## **SPECIFIC RULES FOR BOATS AND EQUIPMENT :-**

### **4.1 COLOURS**

All boats should not be complete white or blue or grey or black. If so they should have stickers of phosphoric Orange or yellow or red on both sides and on top visible from a distance By Helicopter or Large Vessel.

### **4.2 FUEL TANKS**

- a) Shall be secure in all directions and shall not leak.
- b) Shall have sensible filling and venting arrangements, where applicable, that are not close to any hot parts such as exhaust manifolds.
- c) Shall be insulated or isolated from the engine, etc, preferably by bulkheads.
- d) There shall be an easily accessible means of shutting the fuel supply off from the tank(s).
- e) Permanent metal tanks shall be earthed.
- f) The carrying of a refuelling funnel is advised.

### **4.2 FUEL LINES**

Fuel lines shall be leak resistant and run in a manner to avoid damage.

### **4.3 INFLATABLE COLLAR(s)**

- a) PVC , Hypalon , PU/PVC are accepted collars material all materials should be of an approved Marine Fabric
- b) Minimum compartments accepted 3 independent
- c) The collar(s) is/are to be inflated to the proper pressure recommended by Manufacturer for scrutineering and this pressure is to be maintained throughout an event, except under circumstances of force majeure only.

## 4.4 BILGE PUMPS AND BAILERS

- a) All boats should have the Deck completely isolated from hull and should be at least 5cm over the waterline with Maximum loaded weight , Only 1/4<sup>th</sup> of deck can be below water Line .
- b) All Boats participating in offshore Rallying as all boats are sometimes more than 10 NM from shore the boats are subject to high waves and might be completely submersed and thus, they should have a self bailing system not dependent on mechanical or electrical systems , extruder 2x2 inch capable of extracting all on deck waters and if moving at minimum power to dry the deck in maximum 3 Min as per CE marking regulation for class B vessels .
- c) A satisfactory bailing device, either automatic or electric, shall be fitted. In addition a manual backup, whether bailer or bucket must be provided.

## 4.6 FIRST AID KIT AND MANUAL

A substantial first aid kit and manual suited to the potential hazards encountered when racing this class of boat shall be carried, stowed in a self-contained waterproof box within easy reach of the crew.

## 4.7 FLARES AND MARKERS

Orange flag of decent size and an air horn are substitute of flares as for the Red Sea Rib Rally , it is not compulsory

## 4.8 HAND AND FOOT PUMPS

A hand or foot pump capable of being operated below the gunwale shall be carried.

## 4.9 MAPS AND CHARTS

Up-to-date paper charts of suitable scale or other relevant publications covering the event area(s) shall be carried. And approved by racing committee



#### **4.10 SEA ANCHOR**

A sea anchor appropriate to the size and weight of the boat shall be carried aboard at all times and be stowed in an accessible place.

#### **4.11 ANCHOR LINE**

The anchor line shall be of a size and strength appropriate to the boat, be in good condition and at least 50 metres in length (3 metres of chain advised).

#### **4.12 TOWING ROPES**

A towing rope must be connected to the boat at the towing cleat on the front of the boat at all times whilst racing, and must be of adequate construction and strength for the boat to be towed when waterlogged.

#### **4.13 ASSISTANCE RULES**

The orange flag is to be displayed where a vessel requires assistance, or has retired. Unless another vessel is already rendering assistance it is the responsibility of each racing boat to investigate the situation where either:

- a) an orange flag is displayed or
- b) another race boat is stopped and making no signals

#### **4.13 WEIGHING OF BOATS**

All boats will be weighed prior to commencement of the event and must comply with class restrictions.

All confirmed Horse power on boats should have 3.5 kgms weight per horse power with empty fuel tank and water all equipments fixed on board

NB : Stepped hulls and /or foot-throttle will be handicapped by 4 Kgms per Hp

#### 4.14 EXTRA RESTRICTIONS

- a) No boats with Canopies or Restraints will be permitted.
- b) Minimum 2 persons on a RIB for Super Sport and Sport Classes and exact 4 for Echinops class
- c) Any 'rule bending' or excessive overpowering may result in boats being prevented from competing, at the discretion of the Safety Officer whose decision is final.

#### 4 UIM FLAG SIGNALS:

FROM THE START BOAT:	
Red Flag BEFORE the start procedure	RALLY CANCELLED
Red Flag DURING the start procedure	START ABORTED
Yellow Flag	START PROCEDURE COMMENCED
Green Flag	RALLY STARTED
AT THE FINISH LINE	
Chequered Flag Finish	ALL CLASSES
Red Flag at safety waypoint or rally mark	RALLY STOPPED ALL CLASSES
FROM ALL OFFICIAL PATROL AND MARK BOATS:	
Red Flag (waved)	RALLY STOPPED
Yellow Flag	CAUTION
Redish Brown with event Logo	OFFICIAL BOAT IDENTIFICATION
FROM COMPETING BOAT:	
Orange Flag (Flown)	RETIRED

## 5 POINTS SCORING SYSTEM

- a) All competitors will be eligible for points on the successful completion of each leg of the rally. The first boat in each class will receive 1000 points, the second boat 900 points this being a 10% reduction and each successive boat 10% less points than the previous boat. The overall winner in each class will be the boat with the highest number of points.
- b) Retired boats will get 0 points and will be able to proceed in next race as total of all races is the winning calculation .
- c) Protesting position or Score costs a declared fee 1<sup>st</sup> day of the event as is Minimum 100 and Maximum 1000 and if ruled against this fee is non reimbursable
- d) Disqualification of a Boat due to Safety is assessment of scruteneer and have to have final approval of safety officer and can not be overruled if Safety Officer issue a disqualification Red Ticket . This rule can not be protested .
- e) Disqualification of a Pilot or co-pilot can happen by Officer of the day and if protested Safety officer and event Director will rule in this protest. If ruled against , a substitute crew can continue the Rally



## Egyptian Sailing and Sky Federation

President -----Mr Saeed Zaada  
Vice President-----Emile El Wazan  
Treasurer-----Mohamed Saad Omran  
Secretaire-----Hamed Abd El Samad  
Voting Member-----Admiral/Mohamed Ibrahim khalil  
Voting Member-----Eng/Khalil Ayad  
VotingMember-----Al Bassel Abdallah

### EPRC-UIM Technical commitee

Chairman of EPRC-UIM commission-----Nicolas Ioannou  
Government and Army coordinator-----Mostafa El Nahas  
Offshore Technical commissioner-----Herbert Culik  
Travel , and Transport Logistic- -----Mourad Maurice



-----John Puddifoot



-----Jean Marie Van Lancker



-----Jean Marie L'Homme