

Information for the participants and questions that require answering:

You all have probably noticed, the procurement of NIMH cells is not always easy. In addition, the life span is not very good. There are now 2 possibilities for a change, Lipos and the so-called 1,2,3 cells.

After long international consultations the following suggestion will probably be presented at the World championship 2008:

- 1. 7 cells class: Eco MonoI, Hydro I Lipo: 2 Pieces**
- 2. 12 cells class: Mono II, Hydro II Lipo: 4 Pieces**
- 3. 20 cells class: Hydro III, Mono III Lipo: 6 Pieces**
- 4. F3E: Lipo: 4 Pieces**
- 5. FSRE Lipo: 6 Pieces**
- 6. F1E so far there is no solution**

In 12 cell, and 20 cell classes, FSRE and F3E, the cells can be in parallel or serial. A problem will arise with the 7 cell classes, because if there is no parallel connection possible, only expensive accumulator packs can be used.

The weight limit of 1000 grams will be maintained with Eco, there is the consideration of introducing a limit of 1000 grams in Mono I and Hydro I. Furthermore there is the thought of limiting the capacities. This limitation, e.g., on 5,000 mAH cells can be carried in several ways.

A German manufacturer for data logger develops at the moment software and a device to limit the available energy, e.g., if the 5000 maH are used, the device switches off the engine. The model would then stop. Everybody would have to purchase such a device. With this variation you would need for 7 cells a 2 S2P. This remains a participant decision.

2nd. Possibility

The cells packs receive a weight limitation:

Example: A pack of 7 cells may weigh, only e.g., 300 gr. Then, however, only expensive accumulators which are the best at the moment can be used. A 2S2P accumulator is then not possible any more of course.

The next possibility for the change from NIMH to another impulse cell are the so-called 1,2,3 cells from which at the moment are 2 versions, one with 2,300 mAH (Fepo) Loadable to about 50 A, and a version from the company Sony with 2500 mAH Loadable to 35 A.

Next year all classes will still use NIMH cells, also at the World championship.

Next year the Nauticus will drive 3 demo or test classes:

Eco ex, Mono I, Hydro I with Lipo or 1,2,3 cells. These classes will be driven at all normal competitions (evaluation runs) there will also be a German Champion.

The classes S7 and S14 are further driven with NIMH cells.

On the enclosed sheet please answer the questions, enter your start number and sign.

Name

Country:.....

I drive the following classes

.....

I will stop, if the cells are changed Yes No

I am for the rearrangement to new impulse Cells

1,2,3 Cells Yes No

Lipos Yes No

I would be prepared to purchase a energy measuring instrument Yes No

Should the capacity be limited according to the weight Yes No

Is the pre called list and the division of the cell figures right Yes No

Should a minimum weight restriction be introduced in all classes Yes No

Own suggestion

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Date:.....

Signature:.....