

## Ideas About FSR & What We Have Done In China

### About FSR-V in China

※ In China, we have carried out a FSR-V class team game for many years. It is a game completed by three models in relay of V3.5CC + V7.5CC + V15CC or V27CC.

※ In the first run , all the 3.5cc boats will run for 15 minutes. Then racers will put 3.5cc boat back to dock and put the racer team number to 7.5cc boat and start the 7.5cc run . and then change 7.5cc to 15cc or 27cc . Each boat will run for 15 mins .

※ Only till 2 mins before each run ends can the next class boat start the warm-up, and the former boat must stop engine and put the team number to the next boat .

※ Only when the number board is fixed can the next boat start running .

※ The 3 boats in 1 team must use the same frequency . The team take part in the FSR-V team game must prepare 4 frequencies .

※ 2.4GHz transmitter is recommended

※ The number in one team is limited to 2-3 members. At least one boat should be prepared for each class V3.5 ,V7.5, V15 or V27

※ The score of FSR-V team game is the total of the 3 classes . There will be 1-2 runs in the preliminary run and 1 run of the final .

The first 12 teams in the preliminary run will

enter the final run .

※ Only 1 number board is allowed . When the board is broken , after the approval from the starting judge, the spare board can then be used .

We also have a new team game, 3 racers in 1 team . With 2 27cc engines equipped in the CAT , and the models are about 1.9 meter long commodity boat kits , and the noise must be under 70 decibels and also meet certain emission standards .

The game is done in open and wide water area , the route is not fixed , it is flexible and the length of each circle is from 300m to 500m with 2 left-turns and more than 4 right-turns . The route will change in every turn and which is more interesting . In the dock area the boat run with its lowest speed and ensure its safety .

## **FSR-VE21 Supplementary Rules**

- 1: FSR-VE21 Enforcement the FSR-V rules
- 2: The model must be installed with a safety switch
- 3: The model must be installed with fuses  
(less than the maximum current of the electronic governor)
- 4: The model must be fitted with a handle

5: Technical parameter table

Model type	Length (mm)	Motor	Voltage (Before competition) (V)	
<b>FSR-VE21</b>	>900<1000	3674	<26	
Battery weight (g)	The number of times the battery is allowed to be replaced	Battery type (S/LOPO)	Sailing time(min)	remarks
<1700	1	6S	30	Allow to Replace the battery

## Hull





## Fuse



## Battery



## Dynamic System



## governor



## Equipment cabin



### FSR-OE21 Supplementary Rules

- 1: FSR-OE21 Enforcement the FSR-0 rules
- 2: The model must be installed with a safety switch
- 3: The model must be installed with fuses  
(less than the maximum current of the electronic governor)
- 4: The model must be fitted with a handle
- 5: Technical parameter table

Model type	Length (mm)	Motor	Voltage (Before competition) (V)
FSR-OE21	>800<1000	3674	<26

Battery weight (g)	The number of times the battery is allowed to be replaced	Battery type (S/LOPO)	Sailing time(min)	remarks
<1700	1	6S	12	Allow to Replace the battery

## Hull



## Fuse



## Battery



## Dynamic System



## governor

## Equipment cabin

