



# INVITATION



## **NAVIGA Shipmodelling World Cup 2021**

**Radio-controlled models - M and NS Groups**

**1 -11 August 2021**

**Kaliningrad, Russian Federation**

Organisers:	NAVIGA, World Organisation for Modelshipbuilding and Modelshipsport, Ministry of Sport of the Russian Federation, Federation of Ship Modelling Sport of Russia, Ministry of Sport of the Russian Federation, Administration of the city of Kaliningrad, JSC "United Shipbuilding Corporation"
Location of World Championship 2021: Date:	Nizhnee Ozero, Kaliningrad, Russia 1 – 11 August 2021
NAVIGA Representative: Chief judge: Chief secretary:	Walter Geens (Belgium), NAVIGA President Dmitrij Kalmykov (Belarus) Nikolai Samartsev (Russia)
M Classes:	F1E; F1V 3,5; F1V 15; F3E; F3V; Eco Expert; Mini Eco Expert; Eco TEAM; Mini Eco TEAM; FSR E; Mini Mono; Mono I; Mono II; Mini Hydro; Hydro I; Hydro II Demonstration class: Eco Start
NS classes:	F2-A; F2-B; F2-C; F2-S; F4-A; F4-B; F4-C; F-DS; F6; F7; NSS-A; NSS-B; NSS-C; NSS-D Demonstration class: F-FPV
Rules:	Official NAVIGA Rules together with all amendments, additions and appendices as published on NAVIGA official webpage: <a href="http://www.naviga.org">www.naviga.org</a>
Fuel for models:	According to NAVIGA Rules, competitors may use their own fuel or the fuel provided by the Organiser. Please kindly state the type and amount of fuel in the registration form, should the Organiser need to provide it.
Calculation of results (M):	The calculation is done with the transponder timing system IMB RC4 using compatible transponders. The preliminary results are calculated with the “Race Control Management Ultimate” software during and upon completion of each race.
Permitted radio frequencies:	Frequency channels - bands 27, 40 MHz , and 2.4 GHz
Frequencies per classes (M):	F1V: 27 MHz Channels 1-5, 40 MHz Channels 50, 52 F1E: 27 MHz Channels 6-9 40 MHz Channels 54, 56 ECO, Mono/Hydro and FSR E: 27 MHz Channels 19-32, 40 MHz Channels 57-91. Eco TEAM, Mini Eco TEAM: all channels of the above mentioned bands 2,4 GHz in all classes.
Frequencies per classes (NS):	F2, F4: 27 MHz Channels 10-17, 40 MHz Channels 51, 53. F6, F7, NSS 27 MHz, 40 MHz: all channels 2,4 GHz in all classes
Number of participants from national federations:	up to 5 competitors in each class and World Champions 2019

Start fees:	no payment required
Protest fee:	30 Euros
Registration of participants:	<p>Preliminary applications and registration forms are accepted from national federations and clubs. The forms should be sent to the Chief Secretary at the following email address: <a href="mailto:samartsev@fsmr.ru">samartsev@fsmr.ru</a></p> <p>Team leaders should submit the original registration forms to the document commission during the registration procedure, 01/08/2021. Any citizen from NAVIGA member countries and candidates for NAVIGA membership can participate in the World Cup based on the submitted application (not exceeding the allowed number of participants).</p>
Preliminary applications are accepted from:	15 May 2021
End of application period:	30 June 2021 at the latest
Official registration of the World Cup 2021 participants:	<p>1 August 2021 from 9:00 am to 08:00 pm.  2 August 2021 from 9:00 am to 11:00 am.  Location – Centre of Children and Youth Creativity (Sergeeva Str. 10, Kaliningrad).</p>
Flags and national anthems:	Each national team should provide 3 national flags, 150x100 cm, and a USB stick with their national anthem recorded on it. After the closing and awards ceremony (11\08\2021) the team leaders can have their flags and sticks back.
Medals and certificates:	<p>Participants who take the first three places in each sports discipline will be awarded with medals and diplomas.</p> <p>Young men and women under 19 years of age, who showed the three best results in their age group, will be awarded prizes of JSC "United Shipbuilding Corporation" in each sports discipline.  All participants will receive Certificates of participants of World Cup 2021.</p>
Note (as an experiment):	<ul style="list-style-type: none"> <li>- in class <b>F6</b>, <b>seven</b> participants per team are allowed;</li> <li>- in class <b>F2-S</b>, the control time is 10 minutes.</li> </ul>
Official training at the World Cup 2021:	1 August 2021, from 9:00 am to 08:00 pm.
Opening ceremony of the World Cup 2021:	2 August 2021, 12:00
Starts:	2 -10 August 2021
Closing and awards ceremony:	11 August 2021
Accommodation:	Hotels in Kaliningrad (Baltika, Patriot, Ibis)
Airport transfer:	Transfer to and from Khrabrovo airport is possible with the prior agreement. Travel distance - 26 km, time – 45 minutes.
Banquet:	All participants, judges, national team members may take part in the reception dinner. The fee is 20 Euros per person. Please state the number of guests in the registration form.
Catering	Restaurants and cafes located in the “Yunost” Park and nearby streets.
Official webpage of the World Cup 2021	<a href="http://www.2021wc.fsmr.ru">www.2021wc.fsmr.ru</a>