



INVITATION

NAVIGA Shipmodelling European Open Championship 2022

Radio-controlled models - M and NS Groups



Kaliningrad, Russian Federation

August 01-08, 2022

Organisers:	NAVIGA, World Organisation for Modelshipbuilding and Modelshipsport, Federation of Ship Modelling Sport of Russia, Ministry of Sport of the Russian Federation, Administration of the city of Kaliningrad, JSC "United Shipbuilding Corporation", "Yantar" Shipyard
Location:	Nizhnee Ozero, Kaliningrad, Russia
Dates of the European Championship 2022:	August 01-08, 2022
NAVIGA Representative:	Walter Geens (Belgium), NAVIGA President
Chief judge at the EC 2022:	Dmitrij Kalmykov (Belarus)
Deputy chief judge (M):	Czaba Danielfy (Hungary)
Deputy chief judge (NS):	Janos Kornis (Hungary)
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 classes: Eco Start, ECOTLON, ECOTLON-Team
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: www.naviga.org
Participants of the European Championship 2022	Any citizen from NAVIGA candidate countries.
Number of participants from national federations	up to 5 competitors per class plus current Champions of Europe:
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
40 MHz каналы 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):	<p>F2, F4: 27 MHz Channels 10-17, 40 MHz Channels 51, 53.</p> <p>F6, F7, NSS 27 MHz, 40 MHz: all channels 2,4 GHz – in all classes</p>
Start fee:	Senior competitors – 20 Euros per class, no payment is required for junior competitors. The Organiser will send the invoice upon accepting the preliminary application. The fee can be paid in cash directly during the registration procedure.
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: samartsev@fsmr.ru</p> <p>Team leaders should submit the original registration forms to the document commission during the registration procedure, 01/08/2022. Any citizen from NAVIGA member countries and candidates for NAVIGA membership can participate in the European Championship based on the submitted application (not exceeding the allowed number of participants).</p>
Preliminary applications are accepted from:	March 01, 2022
End of application period:	July 15, 2022
Official registration of the EC 2022 participants:	<p>August 01, 2022 from 9:00 am to 8:00 pm</p> <p>August 02, 2022 from 9:00 am to 11:00 am</p> <p>Location – Museum of the World Ocean</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 (August 08, 2022) 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.</p>
Preliminary schedule of NAVIGA European Championship 2022	
Official training at the EC:	August 01, 2022, from 9:00 pm to 8:00 pm.
Opening ceremony of the EC:	August 02, 2022, 12:00
Starts at the EC:	August 02 – 07, 2022
Closing and awards ceremony:	August 08, 2022
Accommodation:	Hotels (Baltika, Patriot, Ibis, Holiday Inn, Kaliningrad Hotel)
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 dinner guests in the registration form.
Catering:	Restaurants and cafes located in the streets next to Nizhnee Ozero