

Next Generation Rescue Boats





SJÖRÄDDNINGSSÄLLSKAPET

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Head of newbuilding department

- Volunteer since 2004
- 33 years old
- Capt. Unlimited License
- Live in Fjällbacka
- Employed at SSRS since 2020

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SSRS K9, K12 & K14

- Introduction to SSRS
- Specifications of the new boats
- Newbuilding strategy
- Presentation of workflow



Swedish Sea Rescue Society

- Nonprofit organization
- Founded in 1907
- 2400 Volunteers
- 270 rescue units
- 140 000 Members
- 74 Rescue stations
- Participates in over 80% of all SAR cases in Sweden
- HQ in Gothenburg, Långedrag



SSRS "K-Series"

- Designer - Birger Kullmann
- Project "K12" started 2021
- Built by Ö-Borgen:
 - Swedeship Composite
 - Ö-varvet
- SSRS owns design, moulds and construction
- Launch: Q1 - 2024



SSRS K12

- Speed: 12m
 - Beam: 4m
 - Speed: ca 40+ knop
 - Displacement: ca 8600 KG
 - Crew: 4
 - Engines: 2x Volvo Penta D6-480Wj
 - Waterjets: 2x Kongsberg S25/CA
 - Deadrise: 25-28 degrees
 - Design: Birger Kullmann and SSRS
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- Self righting
 - Complies with DNV High Speed Light Craft
 - Carbon fibre sandwich construction
 - Fire pump ca 700 l/min @ 10bar
 - Bollard Pull ca 2,2 t



SSRS K9

- Length: 9m
 - Beam: 3m
 - Speed: approx. 40 knop
 - Displacement: approx. 4000 KG
 - Crew: 3
 - Engine: 1x Volvo Penta D6-480Wj
 - Waterjet: 1x Kongsberg S25/CA
 - Deadrise: approx. 25-28 degrees
 - Design: Birger Kullmann and SSRS
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- Selfrighting w/o bouyancy aid
 - Complies with DNV High Speed Light Craft
 - GRP and Carbon fiber in sandwich
 - Firepump ca 250l/min @ 7-8 bar
 - Bollard Pull approx. 1 t



SSRS K14

- Project start in aug 2023
- Approx 14m
- Bigger fire pump
- Better intended for medical transport
- Higher bollard pull



Newbuilding strategy

- Supporting our volunteers to do their job
- Integration and remote connectivity
- Synergies between boats and boat classes. Same drivetrain and components
- Documentation on the next level
- Ability over cost
- Stylish design brings more interest from the public and more donations



Tank tests at SSPA

SSRS high speed K12 SAR vessel - 8.6 t - 35kn Hs = 0.88m Tz = 4.6s





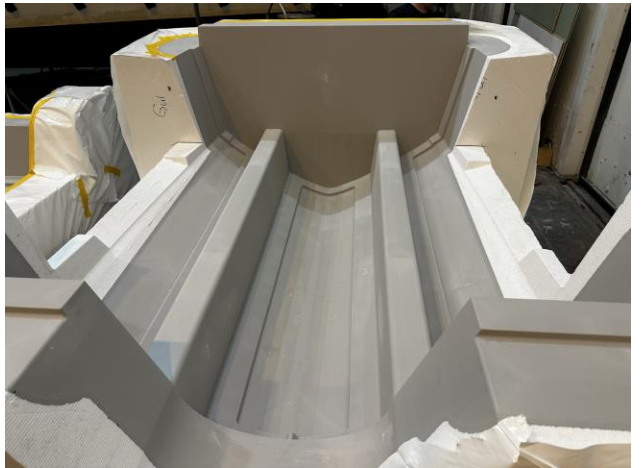
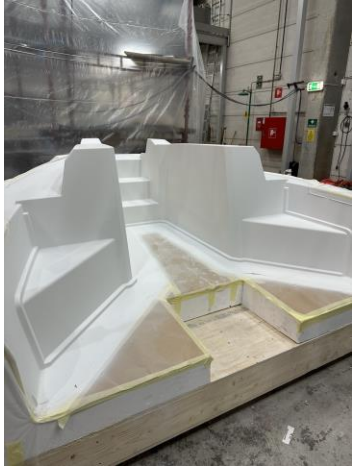
K9 - Console

K9 - Service access



K12 - Wheel house





Thank you!

