



NORTH ATLANTIC TREATY ORGANISATION
ORGANISATION DU TRAITÉ DE L'ATLANTIQUE NORD

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6 August 2021

NATO NAVAL ARMAMENTS GROUP (NNAG)

SHIP DESIGN CAPABILITY GROUP (SDCG)

INVITATION FOR INDUSTRY PARTICIPATION

SDCG INDUSTRY SYMPOSIUM – 2nd and 3rd Nov 2021

Reference: AC/141(SDCG)DS(2021)0001, dated 2 June 2021
AC/141(SDCG)A(2021)0002, dated 6 August 2021

1. The NATO Ship Design Capability Group (SDCG) is seeking industry participation during their forthcoming Symposium in Washington DC, USA, to inform and widen the interest and debate in specialist ship design and construction topics, stimulate discussion on NATO standards and tools leading towards a refined focus for the SDCG programme(s) of work. In addition to the opportunity to share information, another benefit to industry might be a follow-up NIAG study proposal, sponsored by the SDCG that investigates a technology's benefit to improved interoperability or cost-effective warfighting capability.

Symposium Theme

2. The topical area under consideration is:

“The design for maintainability and reliability for reduced manning and unmanned naval systems, including power & auxiliary management, future propulsion, energy storage, and off board system tendering”

3. Included within this overall theme we hope to address a wide spectrum of related topics which might include such areas as:

- Power and Auxiliary Management
- Propulsion (inc Alt Fuels)
- Energy Storage
- Cooling
- Damage Control and incident management

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- Extending commercial technologies to meet naval warship capability requirements
- Hosting, operating and tendering off-board systems/mission modules
- Accreditation of Autonomous Systems and Platforms

The group will be interested to engage on the above theme as it relate to existing systems, future systems, future technology and potential opportunities for military applications.

Background to SDCG

4. The meeting is part of the Conference of National Armaments Directors (CNAD) substructure. The NATO Ship Design Capability Group (SDCG) is one of the four groups that sit under the NATO Naval Main Armament Group, representing each of the main maritime capability areas, the other being the Underwater Warfare Capability Group, the Above Water Warfare Capability group and the Joint Capability group on Unmanned Air Systems. Together this substructure controls and directs the NATO work (often done within further sub groups and specialist teams) to drive collaborative projects, oversee and shepherd new and existing NATO Standards and Recommendations (STANAGs and STANRECS) that underpin NATO interoperability.

5. The SDCG is formed from the Senior Naval Architect and Naval Engineering community of all of the major NATO maritime nations.

Recognition of a need for greater industry participation

6. In recent meetings of all the Naval groups, including the NATO Naval armaments group itself, there have been discussions recognising the advantages of greater industry participation in NNAG and its sub groups.

7. The background to the themed topic symposiums stems not only from the previous SDCG discussions, but also from discussions at the last NNAG surrounding how the NATO Industrial Advisory Group (NIAG) in particular and industry more broadly could play a role in the both the sharing of important topical information at one end of the spectrum and direct involvement in the definition of interoperability standards at the other.

8. The 2021 Symposium is building upon a highly successful symposiums held by the SDCG on Marine Engineering related topics, in Stockholm in 2017 and Copenhagen 2018.

Symposium Structure

9. This meeting will be held at Serco Inc, 1100 New Jersey Ave SE, Suite 200, in Washington DC, USA as guests of the US Navy Program Executive Office - Ships. The outline schedule of events will be as follows:

Day 1 Monday 1st Nov 21

- The SDCG will consider the themed topic at a Government representatives only level.

Day 2 Tuesday 2nd Nov 21

- Welcome to industry.
- Industry partner presentations to the SDCG including time for questions and discussion.
- Evening social and networking function

Day 3 Weds 3rd Nov 21

- Industry partner presentations to the SDCG including time for questions and discussion.
- Farewell drinks with Industry partners

Days 4&5 Thursday / Friday

- Core SDCG meeting (SDCG Members only)

10. Industry is invited to express their interest in attending, with any specific requests, for example over timings of their slot or specific IT support, through their national NIAG representatives to the Naval Armaments team in the NATO HQ by 30 Sep 21.

11. Naval Armament POCs:

- Mr Sean Trevethan – Trevethan.Sean@hq.nato.int Tel +3227074060
- Ms Sonia Wilson-Russell - Wilson-Russell.sonia@hq.nato.int Tel +3227074310

12. Full Administrative Instructions regarding the venue, recommended hotels etc. for the meeting will follow receipt of intention to attend.

<< Signed >>

James Harrison
Ship Design Capability Group Chair

Annex 1:

Action Officer: Sean Trevethan
SDCG Secretary: trevetha.sean@hq.nato.int
Original: English



NORTH ATLANTIC TREATY ORGANISATION
NATO NAVAL ARMAMENTS GROUP
Ship Design Capability group



SDCG Industry Symposium Registration Form
(please read the below instructions carefully prior to filling out the form)

PERIOD: 2-3 November 2021

PERSONAL INFORMATION	
Full Name	
Title	
Company Represented	
Potential topic/theme of briefing	
Gender	
Nationality	
Date of Birth	
Type of ID (Passport preferred)	
Date of Birth	
Tel:	
E-mail:	
Accommodation if already known	
Special facilities requested	
COMMENTS / REMARKS	
Attending if any Social Events: YES/NO	
<i>If yes any Special Dietary needs ?</i>	

This form must be completed in capital letters and be submitted to USA host POC:

Ms Jennifer LIN jennifer.lin@navy.mil
copy to :Trevethan.sean@hq.nato.int and Wilson-russell.sonia@hq.nato.int