

INSA NEWS

INTERNATIONAL NAVAL
SAFETY ASSOCIATION

SEPT 2014

This year's INSA cycle is nearing completion and change proposals on the Naval Ship Code (NSC) and Naval Submarine Code (NSubC) are with participants for comment. The proposals will be discussed and agreed at the Annual General Meeting (AGM) scheduled for the end of October in Stockholm. It has been a very busy year, there have been NSubC working groups for most Chapters and NSC Chapter III and joint working groups for NSC/NSubC Chapters I and X. The working groups have produced a large number of proposals and it is intended that the NSubC is submitted to NATO for publishing following agreement at the AGM.

For comments on this newsletter or any other INSA matter, please email the Secretariat on secretariat@navalshipcode.org. Also, visit the library on the website for the latest versions of the NSC, Arrangement and other INSA documents: www.navalshipcode.org.

STEERING COMMITTEE NEWS

The Steering Committee (SC), led by Cdr Rick Fransbergen of the NL DMO, have met in January, June and September. The Minutes of the SC meetings are held in the INSA website library. The following key issues have been discussed by the SC this year and will be presented for discussion at the AGM:

1. NSC Philosophy – The Secretariat and SC have released a proposal to clarify the scope of safety for the NSC.
2. Justification (Whole Code Validation) – The Secretariat have produced a Part 3 template for both Codes and it is anticipated that completing the Justification sections for each Chapter will assist with the Validation of the Code.
3. Verification Statements – The Secretariat have produced a proposal to update the Regulation template to include verification statements for Chapters with Solutions.
4. Seamanship Chapter – A scope of work has been written and will be discussed at the AGM. It will be decided if the Chapter will be developed and whether by an INSA working group or an external contract.
5. Publication of Part 3 – The Steering Committee would like to keep the publication of Part 3 Justification and Guidance, within NATO and INSA and cease publishing it on the internet. It is hoped this will lead to greater engagement with INSA from Navies around the world.

NSubC POLICY WORKING GROUP COMMITTEE (PWGC)

The NSubC Policy Working Group Committee (PWGC) has met twice this year at Lloyd's Register in London and at DNV-GL in Hamburg. The UK Chair of the committee, supported by Canada, DNV-GL and LR. The PWGC have tracked the progress of all the NSubC Working Groups and discussed NSubC issues such as publication, philosophy and SOLAS benchmarking during their meetings. These topics will be discussed with PWG members at the AGM in October.

The PWGC wanted to ensure that Tiers 1-3 of all Chapters have reached a sufficient level of maturity and that the tier levels are correct, prior to requesting that the NSubC is published as a NATO ANEP.

NSC PUBLICATION

The version of the NSC agreed at the 2013 AGM has been formally published by NATO as ANEP77 Edition F Version 1. This is a significant improvement on the publishing timescale achieved last year.

NSubC PUBLICATION

At a meeting by the NATO "Ship Design Capability Group (SD CG)", it was agreed that they would formally widen their scope to include submarines. It is intended to ask AGM participants if they endorse the formal publishing of the NSubC as an ANEP.

SECRETARIAT NEWS

It has been a busy year of working group activity. We have fully supported the joint NSC/NSubC Chapter I working group and assisted them in finalising the new Chapter I for release as a proposal this year. We have also supported the joint NSC/NSubC Chapter X working group who held a single meeting of the whole group and a liaison meeting between the Chair of Chapter X and the Chair of Chapters IV and VI.

We have assisted the numerous NSubC working groups to organise blocks of meetings and offered assistance on tier levels and format to all groups.

As requested at the last AGM, Participants have been given longer to review the proposals this year with batches being released in July, August and September.

AGM preparations are now well underway and we look forward to seeing representatives from all the INSA organisations at the meeting.

PARTICIPANTS: The total participation in 2014 is 10 Navies and 7 Class Societies. The Republic of Singapore Navy have expressed an interest in joining and have been invited to the AGM as observers.

NSC/NSubC GENERAL PROVISIONS (Ch I) JOINT WORKING GROUP

The group, chaired by LR, met in March and May at Lloyd's Register's office in London. The group agreed that the two Chapters should be aligned wherever possible and fully reviewed the current Chapters and rewrote them into a common text. Some updates were made to the wording of the Goals of the Chapters and this is one area where the Chapters are slightly different. The working group produced a proposal for a complete replacement Chapter for each Code (although the NSC version won't be included until Part 1 is next updated) and also a Part 3 Justification and Guidance section for the NSubC.

NSubC STRUCTURES (Ch II) WORKING GROUP

The group met twice in 2014 at Lloyds Register in London in April and UK MoD Abbey Wood in June. The Group is being led by the UK and has addressed all the comments from the AGM and has spent this year refining the chapter and starting to populate the Justification & Guidance.

NSubC BUOYANCY, STABILITY AND CONTROLLABILITY (Ch III) WORKING GROUP

The group met twice in 2014 at Lloyds Register in London in April and UK MoD Abbey Wood in June. The Group is being led by the Netherlands and it was decided after reviewing the comments that the chapter needed to undergo a re-write to make it more applicable to submarines. A proposal to include the new Chapter III has been released for comment. The group has also started to populate the Part 3 Justification & Guidance.

NSubC ENGINEERING SYSTEMS (Ch IV) WORKING GROUP

This group is led by Norway. The group met once in 2014 at Lloyds Register in London in April. The group answered the comments from the AGM and has spent this year refining the chapter and starting to populate the Part 3 Justification and Guidance. Chapter IV is one of the most mature chapters in the NSubC and intends to run a joint working group with the NSC Chapter IV group in order to keep alignment between the Chapters.

NSubC SEAMANSHIP SYSTEMS (Ch V) WORKING GROUP

The working group has met once this year in Amsterdam. The group answered the comments from the AGM and has spent this year refining the chapter and starting to populate the Part 3 guidance.

NSubC FIRE SAFETY (Ch VI) WORKING GROUP

The working group has met once this year in Amsterdam in conjunction with Chapter VII. It was decided after reviewing the comments that the chapter need to undergo a re-write to make it more applicable to submarines and for the AGM a heavily updated chapter will be produced and the group has also started to populate the Part 3 guidance.

NSubC COMMUNICATIONS (Ch VIII), NAVIGATION (Ch IX) & INTEGRATION OF PLATFORM, COMBAT AND NAVIGATION SYSTEMS (Ch XI) WORKING GROUPS

These three chapters ran a joint working group as the members in all three chapters. The working group met twice this year, Amsterdam in April and at Lloyds Register's office in London in June. Chapters VIII, IX and XI only had Functional Objectives included in NSubC Draft v4 and the group used the latest version of the NSC Chapters VIII and IX to update the NSubC equivalent chapters. There are proposals out for comment for completely new Chapters for Chapters VIII and IX and each also has a Part 3 Justification and Guidance section. It was decided that Chapter XI needs more work to bring it to the same level of maturity of the other chapters and will be removed from the NSubC while the working group defines the scope and creates a new chapter.

SUBMARINE ESCAPE, RECU, ABANDONMENT AND SURVIVAL (CHAPTER VII) WORKING GROUP

The working group has met once this year in Amsterdam, in conjunction with Chapter VI. It was decided after reviewing the comments that the chapter needed to undergo a re-write to make it more applicable to submarines and the proposals produced by the group include a heavily updated Chapter. The group has also started to populate the Part 3 Justification and Guidance.

NSC/NSubC DANGEROUS GOODS (Ch X) JOINT WORKING GROUP

The joint group, chaired by the UK, met once in 2014 at Lloyds Register in London. The Chair had held a separate meeting with the Chair of the Chapter IV and VI groups to agree alignment principles. The joint working group discussed the chair's proposals for alignment and produced proposals to update both Codes. A proposal for the NSubC Part 3 Justification and Guidance was also prepared using the NSC version as a basis.

ATMOSPHERE CONTROL (Ch XII) WORKING GROUP

The group met once in 2014 at Lloyds Register in London in April. The Group is being led by the UK and has addressed all the comments from the AGM and has spent this year refining the chapter and starting to populate the Part 3 Justification and Guidance.