



## NATO NAVAL MINE WARFARE CENTRE OF EXCELLENCE

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On behalf of the

DIRECTOR NATO NAVAL MINE WARFARE CENTRE OF EXCELLENCE

### CALLING NOTE TO THE SUB GROUP PLANNING AND EVALUATION (SG P&E) of the TTEP

1. This constitutes the calling message for the  
NAVAL MINE WARFARE WORKING GROUP (NMWWG), TACTICS,  
TOOLS AND EVALUATION PANEL (TTEP),  
SOUBGROUP PLANNING AND EVALUATION meeting  
to be held **23 – 25 APR 2024** at the  
Kiel Naval Base and Kiel Naval Arsenal, Germany
2. Science and Academia are well invited to this meeting.
3. Industry may participate on 25 APR 2024, either physical or via VTC. For  
details see admin details.
4. The modern assets in NMW require amendments in the current NMW  
doctrine. Building on exercise experience and current EXTACs this  
meeting shall continue the work on updating current NMW doctrine to  
foster the development of standardization in communication, data formats  
and command and control to enable interoperability also with modern  
NMW systems.
5. Core of this meeting is the discussion of EXTAC 886 and 887 as  
published by the NMW COE, focussing on development of C2  
architecture including tasking and reporting formats as well as  
waterspace management with modern NMW assets and data handling  
and fusion to enable data driven NMW operations.
6. Read ahead of the EXTACs 886 and 887 is requested, copies can be  
obtained via [www.nmwcoe.org](http://www.nmwcoe.org), [nso.nato.int](http://nso.nato.int) within the NMWWG forum or  
by email upon request by [stefan.pahl@mil.be](mailto:stefan.pahl@mil.be).
7. Attendees are expected to be well versed in NMW doctrine and speak on  
behalf of their nations or organisation.
8. Should you wish to participate please register via [www.nmwcoe.org](http://www.nmwcoe.org).
9. The conference fee is €15,00 per day.
10. POCs are:  
CDR Stefan Pahl, NATO NMW COE, [stefan.pahl@mil.be](mailto:stefan.pahl@mil.be)  
CDR j.g. Andreas Montag, 3 MS SQN DEU N,  
[andreas1montag@bundeswehr.org](mailto:andreas1montag@bundeswehr.org)

upon order

Stefan Pahl

Commander (OF-4) DEU N

Tentative Agenda

DATE/TIME	SUBJECT	Action/Remarks
<b>Tuesday 23 April – Day One</b>		
08:30	arrival Kiel Naval Base	all
09:00	welcome / introduction	conference room, coffee on arrival
09:00-09:15	admin/safety brief	CDR jg Montag
09:15-09:30	agree agenda, aims	all.
09:30 – 12:00	EXTAC 886 (C2 for uncrewed systems)	All
as required	weather check/coffee	all
12:00-13:00	Lunch	all
13:00-16:30	EXTAC 886 (C2 for uncrewed systems)	all
as required	weather check/coffee	all

<b>DATE/TIME</b>	<b>SUBJECT</b>	<b>Action/Remarks</b>
<b>Wednesday 24 April – Day Two</b>		
08:30	arrival Kiel Naval Base	all
09:00 – 12:00	EXTAC 887 (data handling for NMCM ops)	all
as required	weather check/coffee	all
12:00-13:00	Lunch	all
13:00-16:30	EXTAC 887 (data handling for NMCM ops)	all
as required	weather check/coffee	all

<b>DATE/TIME</b>	<b>SUBJECT</b>	<b>Action/Remarks</b>
<b>Thursday 25 April – Day Three</b>		
08:30	arrival Kiel Naval Arsenal	all
09:00 – 12:00	EXTAC 887 (data handling for NMCM ops) with industry	all
as required	weather check/coffee	all
12:00-16:30	EXTAC 887 (data handling for NMCM ops) with industry	all
as required	weather check/coffee	all