

28th DWT-Marineworkshop

Keep “The Ship” relevant – NOW !



German <> English
Simultaneous
Interpretation

About the event

The 28th DWT-Marineworkshop will take place from 28 to 30 September 2026.

This year's central theme is:

Keep "The Ship" relevant – NOW!

"The Ship"—used here as a synonym for floating, flying, and submersible maritime capability platforms, including unmanned autonomous systems—represents a highly complex System of Systems (SoS). It comprises the platform itself, integrated command and weapon systems, sensors and effectors, as well as the platform's technical infrastructure. Throughout its entire service life, operational readiness is ensured through the essential support provided by the armed forces, capability and lifecycle management, in-service support organizations, and a high-performing industrial partner base supported by resilient supply chains—even in times of crisis and war.

This integrated capability system—consisting of advanced technological platforms and the supporting processes required to deliver and sustain them—must ensure the highest possible level of operational effectiveness throughout the entire service life of these capability platforms. This is the fundamental prerequisite for guaranteeing the German Navy's ability to prevail and succeed in combat with the crews we deploy alongside the system known as "The Ship." This is our responsibility.

Within the Alliance, it is also our ambition to make a leading contribution—both quantitatively and qualitatively—that reflects Germany's capabilities and is recognized by our partners. Germany is relevant to the Alliance.

The various components that interact within the system "The Ship" are characterized by different service lives and product life cycles and are therefore subject to significantly different rates of technological innovation. Digitalization—the overarching driver of innovation—has become the defining factor in modern system design. As an increasing number of system components become digital, their innovation cycles must now be measured in days or weeks rather than years. Although the mechanical elements of ships and platforms will continue to be replaced over periods of decades, the traditional platform itself is equally affected by digital transformation through automation and SMART maintenance.

What should a system architecture and design, together with its support and sustainment framework, look like in order to address these diverse challenges and maintain operational capability throughout the entire life cycle?

We are facing a profound transformation—not only because of the current security environment but also due to rapid technological advances. This requires a comprehensive response. It affects both the design of new capability platforms and the integration and modernization of existing ("legacy") systems.

Equally affected are all aspects of operational readiness and in-service support, including the complex interdependencies between Performance-Based Logistics, Smart Maintenance, stockpiling and provisioning capabilities, and resilient supply chains in the context of a rapidly changing industrial base and increasingly constrained production capacities.





The programme for 28 September 2026 (Monday)

- 14:00 **Conference office opens**
Check-in at the hotel and for the 28th DWT Marine Workshop
- 16:00 **Soft Opening**
Exhibition opening | Soft drinks; from 17:00: welcome beer
- 18:00 **Welcome address by the patron**
Rear Admiral Christoph Müller-Meinhard, Commander of Support, Naval Command
- 18:15 **Barbecue-evening**
Eat, Drink and Talk in the exhibition area, the outdoor area and the Charleston Hall
- 22:00 Last round
- Later: Individual transfer to cabins



The programme for 29 September 2026 (Tuesday)

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| 08:00 | Conference office opens / Exhibition opens / Welcome coffee | 11:30 | Holistic capability development: the case of the Future Combat Surface System (FCSS)
tbd, Bundeswehr Planning Office |
| 08:30 | Welcome address by the organiser, DWT/SGW | 11:45 | Autonomous fleets need new legislation
Prof. Dr. Thomas Klindt, Noerr law firm |
| 08:45 | Welcome Address Politics
Jochen Schulte, State Secretary for Economic Affairs, Infrastructure, Tourism and Labour, State Government of Mecklenburg-Western Pomerania | 12:00 | Panel discussion with the speakers |
| 09:00 | Keynote Navy
Vice Admiral Axel Deertz, Commander of the Fleet and Support Forces & Deputy Inspector General of the Navy | 12:15 | Poster-Pitches A1-A16
The 16 presenters in the poster sessions will each give a 60-second presentation on their poster to the plenary |
| 09:15 | Keynote Defence Procurement, Federal Ministry of Defence
MinDirig Norbert Blumenthal, Head of Sub-Department for Defence Procurement III, Federal Ministry of Defence | 12:45 Lunch break and a visit to the exhibition | |
| 09:30 | Keynote Research, Innovation and Technology
Prof. Dr.-Ing. Anke Kaysser-Pyzalla, Chair of the Executive Board at the German Aerospace Centre (DLR) | 14:15 | 16 parallel poster sessions (Posters A1–A16)
(4 × 15 mins, 10 mins changeover time)
Further information on page 5 |
| 09:45 | Keynote Industry
Dr. Elisabeth Hauschild, Designated Chief Executive of BDSV e.V. | 15:45 Coffee break and a visit to the exhibition | |
| 10:00 | Panel discussion with the keynote speakers | 16:25 | Poster-Pitches B1-B16
The 16 presenters in the poster sessions will each give a 60-second presentation on their poster to the plenary |
| 10:15 Coffee break and a visit to the exhibition | | 16:55 | 16 parallel poster sessions (Posters B1–B16)
(4 × 15 mins, 10 mins changeover time)
Further information on page 6 |
| 11:00 | Presentation (tbd)
tbd | 18:25 Beer Call and social evening in the exhibition area, in the outdoor area and in the Charleston Hall
(10 pm: last round; after that, individual transfer to cabins) | |
| 11:15 | The European Combat Vessel: A Common Backbone for Europe's Future Hybrid Fleets
Jürgen Scraback, EDA | | |

Poster presentations A1–A16 on 29 September 2026 (Tuesday), 2.15 pm – 3.45 pm

Poster A1

Keeping ‘The Ship’ relevant—The contribution of autonomous systems to the expansion of maritime operational systems
Markus Beer, EUROATLAS

Poster A2

Mission-oriented procurement
Kristofer Berning & Helge Flegel, ANSYS Germany & Accenture

Poster A3

Autonomous Surface Systems: Technological Building Blocks for USV Deployment
Steffen Janßen, Thales Deutschland

Poster A4

Teaming Crewed and Uncrewed Assets: Challenges and Opportunities for Integration of Long Range USVs into Modern Naval Forces—Exemplified by the MEKO®
Dr. Marco Götsche, TKMS

Poster A5

Scaling Strike: Cross-domain weapon systems to ensure maritime operational relevance
Lieutenant Colonel (retired) Yaniv Ben Itzhak, Elbit Systems Germany

Poster A6

Evolution of Aegis: F127 Application for the High End IAMD Fight
John Iovacchino, Lockheed Martin

Poster A7

General Autonomous Vehicle Integration (GAVI): A software-defined platform for cross-domain UxV coordination
Janis Roßkamp Saab Deutschland

Poster A8

Mine Defence Reimagined: Systems, Autonomy and Operational Capability for ‘The Ship’ of Tomorrow
Dr. Christian Wildhagen, WILDHAGEN NORDISK KONSULT & H. HENRIKSEN AS

Poster A9

Naval Agility Through Industrial Alliances: A Blueprint for Rapid Capability Integration
Matthew Tetley, Lockheed Martin Canada

Poster A10

Making the Invisible Visible: Maritime Situational Awareness through Thermal and Multisensory Geodata
Ulf-Michael Schildt & Jasmin Müller, Esri Deutschland

Poster A11

Performance-Based Logistics 2.0 in Naval Weapon Systems? Supply Chain Resilience as a critical factor for warfighting readiness
Jan Felix Lücke, PwC Strategy&

Poster A12

Learning from the Battlefield - AI based processes and concept of Defence Intelligence Platform
Malte Stimming, UNITY

Poster A13

Intelligent Maritime Swarming: Adaptive Red Forces between Simulation, LVC and Real Autonomy
Christoph Mannel, 21Strategies

Poster A14

From Design to Deployment: Common Breakdown Structures as the Key to Availability and Resilience
Robin Urban & Benjamin Wendrock, CIMPA

Poster A15

Towards the First European Railgun Weapon System
Dr. Markus Schneider & Thomas Kohlmann, ISL & Diehl Defence

Poster A16

Ensuring the Relevance of Existing Systems – How Digital Workflows Using Low-Code/ No-Code Make the Navy Future-Proof and Capable of Confident Action
Corinna Müller & Philipp Euker, conet Germany

Poster presentations B1–B16 on 29 September 2026 (Tuesday), 4.55 pm – 6.25 pm

Poster B1

From Threat to Capability: A ‘system of systems’ approach to the measurable design of maritime defence architectures

Daniel Hofmann, DLR e. V.

Poster B2

Challenges of a hybrid fleet

Lieutenant (Res) Annike Matthes, msg systems

Poster B3

Operational and maintenance reliability for maintaining operational capability at sea – LVC-supported

Clemens Rautenberg, CAE

Poster B4

Keep „The Ship” connected—NOW! Introduction to the new crew member of naval communications

Jochen Brückner, dainox

Poster B5

Scalable passive acoustic sensor networks as a contribution to the operational capability of maritime assets

Dr. Tobias Ziolkowski, ELAC SONAR

Poster B6

Networked unmanned systems at sea – resilient C2 connectivity as a key capability in maritime combat

Captain (Res) Tobias Willuhn, Elsigth

Poster B7

Protection of critical maritime infrastructure through a network system

Kolja Stabenow, Fortis Saxonia

Poster B8

The laser goes underwater!

Dr. Jan Hauptmann, Fraunhofer IWS

Poster B9

Keeping the F124 Relevant: Digital Lifecycle Management as an Enabler for Software Defined Defense

Lieutenant Colonel (Res) Yann Patrick Böhly, IBM Deutschland & Cynthia Findekle, Rolls-Royce Solutions

Poster B10

Plan ahead or face costly failure: planning for cybersecurity requirements in major naval projects

Timo Brecher & Fredrik Mann, INFODAS

Poster B11

It's all in the mix: how different communication methods ensure information superiority

Felix Wickenhäuser, JK Defence & Security

Poster B12

A self-sufficient energy and data infrastructure as the key to operational capability within the system ‘The Ship’

Christian Cammin, Julius Marine

Poster B13

AI-based damage pattern detection for the Navy: Improving efficiency in maintenance and repair

Hanno Galensa & Annalena Vollmer, msg systems

Poster B14

Unmanned naval EW range extension / a networked approach beyond the horizon

Gregor Zowierucha, PLATH

Poster B15

Secure connectivity and edge computing for the Navy’s legacy and new systems

Simon Hoffmann, secunet Security Networks

Poster B16

Verified maritime position data as input parameters for integrated command and control systems or autonomous platforms

Dr. Carsten Hilgenfeld, Ship Monitor

The programme for 30 September 2026 (Wednesday)

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| <p>08:00 Conference office opens
Exhibition opens / Welcome coffee</p> <p>08:30 Presentation title to be confirmed
Marcia Mimura, Innovation Consultant, TechHUB
Security and Defence Industry (SVI) North</p> <p>08:50 Poster-Pitches C1-C16
The 16 presenters in the poster sessions will each give a
60-second presentation on their poster to the plenary</p> <p>09:20 16 parallel poster sessions (Posters C1–C16)
(4 × 15 mins, 10 mins changeover time)
Further information on page 8</p> <p>10:50 Coffee break and a visit to the exhibition</p> <p>11:40 Innovation in the Navy
Captain Karsten Knecht, Naval Innovation Management / MarkDo
WFM 1</p> <p>11:55 Keep the ship relevant – now! The Navy’s Tiger Team Technik as a
new element of the force
Captain Lieutenant Anton Reiff, Commander Björn Seibel MUKdo</p> <p>12:10 “relevant ship – relevant core!” The CMS 330 as a modular,
scalable and, above all, standardised core of our ships
Commander Andreas Werner, SysZDigSee
TRDir Dietrich Schleimer, BAAINBw
Marcus Bloch, BAAINBw</p> <p>12:40 MEKO A200 – no frills, but combat-ready!
Nicky Herrmann, TKMS</p> | <p>12:55 From Plattform-Centric to Effector Centric Warfare
Philipp Salzer, Rafael Advanced Defence Systems</p> <p>13:10 Summary and closing remarks
Rear Admiral Christoph Müller-Meinhard, Commander of Support,
Naval Command</p> <p>13:20 Lunch break and visit to the exhibition</p> <p>14:00 End of the 28th DWT-Marineworkshops</p> <p>14:01 Looking forward to the 29th DWT-Marineworkshop</p> |
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Poster presentations C1–C16 on 30 September 2026 (Wednesday), 9.20 am – 10.50 am

Poster C1

The Return of Radio Beacons – From Satellites via AESA to HF Fallback: Resilient C2 Architectures for (Partially) Autonomous Naval Operations under the FCSS
Lieutenant (Res) Fabian Reinecker, Rohde & Schwarz

Poster C2

Low-voltage DC power supply systems – enabling modern naval combat vessels in European naval programmes
Lieutenant Commander (retired) Eirik Schau, ABB

Poster C3

If you want to make an impact, you need people on board
Jan Häfker, Deloitte Consulting

Poster C4

R-Mode – Maritime navigation in areas without GNSS reception
Dr. Stefan Gewies & Niklas Hehenkamp, DLR

Poster C5

‘Don’t give up the ship!’ – The ship as a weapon system in the age of software-defined defence
Ljubiša Vaskić, HENSOLDT Sensors

Poster C6

Data-centricity – Capability design for existing and future systems
Gernot Schwierz & Christoph Weixler, IABG

Poster C7

Anchor investment by INFINTEQ GmbH paves the way for a future “Centre of Experimentation for Multi-Domain Maritime-Aviation and Space Operations” at the Peenemünde site
Jens Opitz, INFINTEQ

Poster C8

Human Readiness in Digital Maritime Systems-of-Systems: Multimodal AI to Support Crews in Networked Command and Control Systems
Dr. Lisanne Kächele, Institute of Affective Computing e.V. / Laboratory for Human-Machine Interaction

Poster C9

Seabed Intelligence in Mine Countermeasures: Ocean Big Data & Data Fusion as a Capability Multiplier for the Navy
Jann Wendt, north.io

Poster C10

Scalable battery systems for maritime and military applications, taking logistical challenges into account
Dr. Christoph Roggendorf, Porsche Engineering Group

Poster C11

Dead Angle Zero: The contribution of civilian shipping to the overall maritime situational picture
Captain (Res) Felix Albrecht, Project Q

Poster C12

Relevance through Readiness: Naval Innovation at Speed
Oliver Alexander Bending, PwC Strategy&

Poster C13

From Vision to Impact – HoWiSM as the ‘Class Leader’ in laser-based naval weapon systems
Daniel Gruber & Dr. Thomas Baumgärtel, MBDA

Poster C14

How can naval training be scaled up to ensure sufficient personnel for the new vessels?
Markus Schuppert, TKMS

Poster C15

Active Vibration Control: Targeted control of the vibroacoustic signature – reduced structural vibrations for enhanced stealth
Frederic Priesack, Woelfel Engineering

Poster C16

The Glass Sea: How autonomous swarms are revolutionising maritime security
Dirk Zadernack, Quantum Systems

The exhibition



Alongside the plenary programme and the poster sessions, the exhibition and catering area is the central hub:

You can view an overview of the exhibition area here: [Floor Plan 28th DWT-Marineworkshop](#)

Companies, research institutions and Bundeswehr departments will be presenting themselves with exhibition stands and offering the opportunity to discuss issues using ‘real-life examples’. The trade exhibition is fully booked again for 2026. We look forward to welcoming up to 900 participants (subject to the hotel’s capacity limit; registrations are on a ‘first come, first served’ basis).

Visitor Pricing Information

The conference is aimed at members of the armed forces, the civil service, parliaments and ministries, embassies, academia and the business sector from NATO and EU member states.

Visitor Pricing Information



Category A: 85,00 Euro

From EU / NATO: armed forces, police, national intelligence services, emergency services, research institutions, embassies, ministries, agencies subordinate to ministries, and parliaments.



Category C: 1.190,00 Euro

Economy / Industry



Category B: 495,00 Euro

Exhibitor staff (bookable by exhibitors only).



Category D: 0,00 Euro

Press

All participation fees are exclusive of VAT.

Discounts for speakers or for attending individual days are automatically displayed and applied in the booking process on our homepage.

Please register online:
<https://veranstaltungen.dwt-sgw.de/?v=208>

Hotel rooms

All rooms at the Van der Valk Resort Linstow (conference venue, 900 rooms), Van der Valk Naturresort Drewitz (30 rooms) and Van der Valk Golfhotel Serrahn (30 rooms) have been reserved for participants in the marine workshop. A free shuttle service (approx. 10–15-minute journey) will be provided from Drewitz and Serrahn from Monday to Wednesday. Subject to availability, you will be booked into the Linstow resort – if you would prefer a room in Drewitz or Serrahn, please specify this when booking. Single rooms (€109 per night) and double rooms (€119 per night), including breakfast, are available. Please book using the booking code “Marineworkshop” by 1 September 2026 by calling 038457-70 or emailing linstow@vandervalk.de. Please ensure you use the booking code, as this is the only way to guarantee that the bungalows at the Linstow Resort will be equipped to business standards.



The small print/ legal notice

Contact details for enquiries:

By email at any time:

Participants: info@dwt-sgw.de +49-228-41098 - 17
Exhibitors: stephan.bruess@dwt-sgw.de +49-228-41098 - 12

The conference is aimed at members of the armed forces, the civil service, parliaments and ministries, and the academic and business communities.

Participation by persons who are members of neither NATO nor the EU is subject to prior approval by the organiser!

Catering and drinks are included in the conference fees. **Prices are exclusive of VAT.**

By registering, you agree to the following:

1. Electronic storage of the data you provide.
2. Photography and/or filming during the event, which may be published, e.g. in event reports or invitations for future DWT/SGW events.
3. Distribution of a participant list (name, function, company or organisation) as well as photos taken during the event to all participants.
4. By registering/signing up, you accept the participation conditions of this invitation, the general terms and conditions, and the data protection policy of the Studiengesellschaft der DWT, available at www.dwt-sgw.de.
5. You may exercise your right to object under the GDPR by emailing info@dwt-sgw.de if necessary.
6. **Cancellation policy:** Cancellations for participants are free of charge up to 5 working days before the conference. After that, a 100% cancellation fee applies. A substitute participant may be nominated at any time. For exhibitors, free cancellation is possible up to five weeks before the event; thereafter, a 50% cancellation fee applies.
7. **Liability:** In the event of cancellation of the event for unforeseen reasons, registered participants and exhibitors will be informed immediately, and any participation or exhibition fees already paid will be refunded. Liability of Studiengesellschaft der DWT mbH is limited to participation and exhibition fees.

Organisation / Veranstalter:

Studiengesellschaft der Deutschen Gesellschaft für Wehrtechnik mbH, Hochstadenring 50, 53119 Bonn, www.dwt-sgw.de, Managing Director: Colonel (ret.) Andreas Hornik, Tel.: +49-228-41098-11, Fax: +49-228-41098-19, info@dwt-sgw.de; Bank: Sparkasse KölnBonn, BIC: COLSDE33XXX, IBAN: DE36 3705 0198 0053 0033 80, VAT ID.: DE 189 475 986, Commercial Register: HRB 7692, District Court Bonn. Cover image: AI-generated