SAVUNMA VE HAVACILIK SANAYİ İHRACATÇILARI BİRLİĞİ

Sayı: 58224147-TİM.OAİB.26.ARG4.2026/67-4241 Ankara, 22/04/2026
Konu: Seagoing Capability Platforms Başlıklı Bilgi Talebi

Sayın Üyemiz,

T.C. Cumhurbaşkanlığı Savunma Sanayii Başkanlığı tarafından iletilen bir yazıda, NATO Support and Procurement Agency (NSPA) tarafından, deniz platformlarına yönelik yeni bir kabiliyet ihtiyacının geliştirilmesi amacıyla "Seagoing Capability Platforms" başlıklı Bilgi Talebi'nin (RFI NO: 26QQM002) yayımlandığı belirtilmektedir.

Firmalardan, yeni platform tasarım ve inşası, mevcut platformların modernizasyonu veya mevcut platformların kiralanması/satın alınmasına yönelik çözüm önerileri sunmaları talep edilmekte olup, başvuruların kabiliyet, teknolojik olgunluk, maliyet, takvim ve endüstriyel boyutları içerecek şekilde ekteki dokümanlara uygun olarak hazırlanması gerekmektedir. Söz konusu çağrının ihale niteliği taşımadığı, yalnızca bilgi toplama ve planlama amacı taşıdığı ifade edilmekte olup, **başvuruların 15 Mayıs 2026 saat 12:00 (CET) tarihine kadar İngilizce olarak** iletilmesi gerekmektedir.

Bilgileri ve gereği rica olunur.

Musa DEMİR
Genel Sekreter

EKLER:
1- Bilgi Talebi
2- Uyumluluk Matrisi

Ayrıntılı bilgi için: Ezgi Çobanoğlu - Uzman
Ceyhun Atuf Kansu Cad.
No: 120 06520
BALGAT ANKARA
Tel : (312) 447 27 40
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NATO Support and Procurement Agency (NSPA)
Capellen | Luxembourg

Acquisition Directorate

NATO UNCLASSIFIED

Request for Information (RFI)
for
Seagoing Capability Platforms
RFI No: 26QQM002

The NATO Support and Procurement Agency (NSPA) is seeking Information from Industry to assist with the development and planning of a potential new requirement for sea-going platforms.

1. OVERVIEW, PURPOSE AND DESCRIPTION OF THE REQUIREMENT

The purpose of this RFI is to:

- Assess the current state of the art in commercially available solutions;
- Identify commercially available or near-operational solutions;
- Evaluate technological maturity and integration feasibility;
- Inform potential acquisition strategies and planning activities.

2. OPERATIONAL CONTEXT AND SCOPE

The envisaged capability shall enable multidisciplinary missions to support NATO scientific research, operational experimentation, and maritime surveillance activities.

The research vessel is expected to operate globally, including in harsh environments (e.g., Arctic conditions). It is expected to host a team of scientists and engineers and enable multidisciplinary research and maritime operation support, including but not limited to:

- Environmental and geophysical surveys (water column and seabed characterization)
- Acoustic data collection (passive and active)
- Collection and processing of oceanographic and environmental data
- Support to anti-submarine warfare and underwater infrastructure protection
- Mine countermeasure research and related technologies
- Deployment, launch, and recovery of unmanned systems (UxV – underwater, surface, aerial, and potentially terrestrial)
- Deployment and recovery of light and heavy moorings and drifting equipment
- Onboard processing, fusion, and analysis of large datasets, including advanced analytics and artificial intelligence applications
- Integration with NATO communication and information systems.

The platform shall be capable of sustained operations at sea, including precise station keeping, efficient transit between operational areas, and extended on-site endurance. It should support flexible mission configurations and modular payload integration, including containerized solutions.

In addition, the vessel shall contribute to maritime operations as required, including participation in maritime task forces and training activities, potentially serving as a command or support platform. Accordingly, respondents shall indicate whether they and their proposed subcontractors currently hold, or are capable of obtaining, the necessary NATO security clearances and facility security accreditations required for the execution of a perspective contract.

Solutions may include (*Respondents may propose more than one solution*):

- (Option1) New design and build platforms
- (Option2) Existing platforms (new or used) with modifications
- (Option 3) Charter or purchase of existing platforms

The response to the options may be addressed through a conceptual solution encompassing one or multiple platforms.

3. REQUESTED INFORMATION

Interested parties are requested to respond to this RFI by providing information regarding the capabilities, maturity, cost, schedule and industrial aspects of their proposed solution (*One single solution or more*) relevant to the requirement outlined in the RFI.

Detailed responses shall be provided in the questionnaires contained in **Annex A** and **Annex B.**

DISCLAIMER

a) This RFI is not a Request for Proposal (RFP) and it is not to be construed as a commitment by NSPA to issue a solicitation or ultimately award a contract. Responses will not be considered as proposals nor will any award be made as a result of this RFI.

b) NSPA does not intend to pay for information received in response to this RFI. Responders to this invitation are solely responsible for all expenses associated with responding to this RFI.

c) This RFI will be the basis for collecting information on capabilities available. This RFI is issued solely for information and planning purposes.

d) **Disclosure of information:** By replying to this RFI, the Contactor agrees that the information provided in response to **Annex A** will be shared with NATO Nations and other NATO bodies.

4. RESPONSES

The complete response to this Request for Information (RFI) shall include the following:

- **Cover Letter:** Introducing the company, including relevant experience and alignment with the envisaged capability.
- **Annex A and B:** Duly completed, along with any relevant supporting documentation and company brochures.
- Each response shall explicitly reference the relevant Q and demonstrate alignment with the applicable TA (s) in Annex B.

Responses to this Request for Information (RFI) shall be submitted:

NATO Support and Procurement Agency (NSPA)
Capellen | Luxembourg

Acquisition Directorate

- No later than: [15 May 2026 – 12:00PM CET]
- The Respondent shall clearly reference the RFI Number **26QQM002** in their submission.
- Please note that the following link: Annexes A and B provides direct access to the Excel template required for submission.
- In case of any access issues, interested companies may request the template via email.
- The Respondent is strongly encouraged to provide its response on an UNCLASSIFED basis whenever possible.
- NU responses can be sent directly via email to: Antonella.cotroneo@nspa.nato.int
- If the respondent considers it necessary to include classified information in their submission, such information shall be limited to minimum necessary and shall not exceed the classification level of NATO RESTRICTED (NR).
- Responses containing NATO Restricted (NR) information shall be submitted in accordance with applicable security regulations below:

    a. NATO Security Committee Directives/Guidelines AC/35-D/2002-REV4 dated 17 January 2012;
    b. b. AC/35-D/2003-REV5 dated 13 May 2015;
    c. c. AC/35-D/1003-REV3 dated 23 May 2005.

- RFI Responses containing classified information up to NR shall be sent to the following address, and must indicate the RFI reference number 26QQM002.

    NATO SUPPORT AND PROCUREMENT AGENCY (NSPA)
    Attn: Ms. Antonella Cotroneo
    11 Rue De La Gare
    L-8325 Capellen
    G. D Luxembourg
    E-Mail: Antonella.cotroneo@nspa.nato.int
    Tel: +352 3063-6325

- The Respondent shall submit NR Information using an authorized courier. Personnel authorized by the Respondent may hand-carry to the designated Capellen POC as long as they meet the mandated security clearance requirements.
- All questions or requests for clarification concerning this RFI shall be submitted to following point of contact via email: Antonella.cotroneo@nspa.nato.int.
- All communication pertaining to this RFP, including the response shall be in the English language.

NSPA reserves the right to request additional information or to invite respondents to provide further details in support of their submission.

NSPA RFI 26QQM002 _ Annex A: Sea Going Capability - Questions System Overview

Company name	
Legal Status	
NCAGE code	
Point of Contact (name, title, email, telephone):	
Headquarters Location	
Primary production facilities (location)	

Respondents shall structure their submissions to ensure full traceability between Annex A – Questionnaire and Annex B – Minimum Technical and Operational Capability Atributes.
1. General Requirements
Responses shall be clear, structured, and complete.
2. Structured Response
Respondents shall address all questions in Annex A, all Technical Attributes (TAs) in Annex B, and clearly cross-reference both annexes.
3. Attributes Compliance Matrix - Annex B
Respondents shall complete Annex B, indicating the following: (Compliant / Partially Compliant / Non-Compliant), reference to Annex A (Q#), and a concise technical description.
4. Traceability Attirbutes
Each response in Annex A shall reference applicable TA# from Annex B and be consistent with the Compliance Matrix.
5. Level of Detail
Responses shall demonstrate technical feasibility and maturity. Generic or unsupported statements may be considered insufficient.

Q1 – System Overview Provide a general description of the proposed solution		
Q1	•System designationSystem configuration and variants •Technology Readiness Level (TRL) •Development status •Countries currently operating the system •Export restrictions or licensing limitations	
Q2 – Specific Information Respondents should indicate which option applies to their proposed solution:		
Q2	**•(Option 1) New Design and Build •(Option 2) Modification of an existing design/platform (Including Ship baseline) •(Option3) Charter or purchase of an existing platform** •For the selected option, please provide: •ROM cost estimate for the selected option •Estimated implementation or delivery timeline •Required modifications to meet the specification in Annex B. •Expected service life following implementation •Key technical or industrial risks	
Q3 – Availability and Operational Aspects		
Q3	•Expected system availability •Maintenance concept •Industrial, or regulatory constraints affecting availability	
Q4 – Industrial and Supply Chain Aspects		
Q4	•Location of manufacturing facility or shipyard •Supply chain structure •Industrial capacity •Key industrial constraints	
Q5 – Schedule		
Q5	•Estimated time required to design, build and deliver the system •Timeline to achieve Initial Operational Capability (IOC) •Timeline to achieve Full Operational Capability (FOC) •Key schedule risks and drivers	
Q6 – Production and Cost Information Provide indicative production and cost information		

NSPA RFI 26QQM002 _ Annex A: Sea Going Capability - Questions System Overview		
Q6	•Estimated total price (ROM) with stated accuracy •Identification of main cost drivers (e.g. for the option existing design + modifications: baseline costs + modifications costs) •Estimated lifecycle costs (Per Year) •Key assumptions and exclusions	
Q7 – Chartering Options <u>Specific Questions</u>		
Q7	•What level of availability can be guaranteed versus provided on a best - effort basis, and what assumptions apply to booking timelines? •Can existing vessels be chartered to support scientific payloads (equipment and staff)? •Can existing vessels be chartered for interface power, communications systems, and onboard sensors? •How much notice is required? •What is the most suitable option: project-by-project or long-term lease? •How does the solution meet low-noise emission requirements for research purposes How can NATO classified activities at sea be accommodated?	

Annex B: Sea Going Capability - Minimum Technical Operational Capability Attributes (Compliance Matrix)				
For the purpose of this RFI, respondents are invited to provide solutions that meet or exceed the minimum technical capabilities listed below.				
Internal Reference	**No. Technical Attribute**	**Attruibutes**	**Additonal Details**	*The respondent shall confirm compliance to the specific technical attribute and indicate the relevant section of **Annex A** in their response.*
ATTGEN#001	1	Ability to perform at sea missions for at least 30 days without replenishment and with a range of at least 9000 nm.	As stated	
ATTGEN#002	2	Ability to accommodate not less than 60 total persons (crews + passengers)	Expected crew of 25 plus up to 35 science personnel. Including rest areas, recreational areas, dining room. Accommodation spaces to be i.a.w. with Maritime labour convention 2006 (as amended).	
ATTGEN#003	3	Ability to reach an effective cruise speed up to 15 kts.	As stated	
ATTGEN#004	4	Ability to navigate in Polar Waters.	Targeting compliance with IMO Polar Code, minimum PC7	
ATTGEN#005	5	Ability to accommodate working "scientific" and "engineering" laboratory spaces.	With a minimum target of 500 m2. A "scientific" laboratory is considered as office spaces including computer environment. An "engineering" laboratory is considered as space to perform maintenance and repair activities on research equipment.	
ATTSET#001	6	Ability to collect and distribute environmental / ship data (Navigation, Meteorological, Attitude, other sensors).	E.g. Geomatics System	
ATTSET#002	7	Ability to collect oceanographic data: ADCP, CTD, MBES, SBP	E.g. Sensors fitted in Hull / Moon pool / Over the side / Drop Keel - ADCP : Acoustic Doppler Current Profiler - CTD: Conductivity, Temperature, Depth - MBES: Multi Beam Echo Sounder, - SBP: Sub Bottom Profiler	
ATTSET#003	8	Ability to launch/deploy/recover scientific assets via an A Frame in precise geographical locations.	Targeting an A Frame Safe Working Load of 20 mt and asset deployment capability of 5 mt at 6000m depth.	
ATTTEC#001	9	Ability to accommodate computing and storage capability.	With a target to have server room(s) of 40 m2, associated power supply and cooling infrastructure.	
ATTTEC#003	10	Ability to communicate by Line of Sight (LoS) and Beyond Line of Sight (BLoS).	E.g. High speed / low latency satellite connectivity, IRIDIUM, IMARSAT, etc. Integration with standard NATO and national maritime communication systems (e.g. WGS and skynet certification)	
ATTTEC#006	11	Ability to locate and communicate with surface assets.	E.g. MIL / IMO compliant communication and identification systems (Sat, RF, UW), High precision acoustic positioning system, U/W telephone. Interfaces to support standard NATO maritime communications and coordination	
ATTTEC#007	12	Ability to locate and communicate with underwater assets.	E.g. MIL / IMO compliant communication and identification systems (Sat, RF, UW), High precision acoustic positioning system, U/W telephone. Interfaces to support standard NATO maritime communications and coordination	
ATTTEC#008	13	Ability to maintain position and heading in adverse environmental conditions.	Targeting to meet IMO DP Class 2 requirements and station keeping ability in Sea State 5 with wind speed of 30 kts	
ATTTEC#009	14	Ability to mobilise and secure ISO containers independently	E.g. 20' ISO containers and moving on-board capability minimum of 8 units.	
ATTTEC#010	15	Ability to operate in ultra quiet mode with low underwater radiated noise level (URN) for acoustic data acquisition	Targeting a URN level equal to or less than to DNV "Silent R" plus ultra quiet mode operation (e.g. on energy storage system >=2h @ 5Kts)	
ATTGEN#002	16	Ability to accommodate not less than 60 total persons (crews+ passengers)	Expected crew of 25 plus up to 35 science personnel. Including rest areas, recreational areas, dining room. Accommodation spaces to be i.a.w. with Maritime labour convention 2006 (as amended).	
ATTSET#004	17	Ability to provide broad bandwidth, high speed, low latency datalink.	Working high speed / low latency data link at high latitudes. E.g. cloud data management / computing, remote processing	
ATTTEC#001	18	Ability to accommodate computing and storage capability.	With a target to have server room(s) of 40 m2, associated power supply and cooling infrastructure.	
ATTTEC#003	19	Ability to communicate by Line of Sight (LoS) and Beyond Line of Sight (BLoS).	E.g. High speed / low latency satellite connectivity, IRIDIUM, IMARSAT, etc. Integration with standard NATO and national maritime communication systems.	
ATTGEN#002	20	Ability to accommodate not less than 60 total persons (crews+ passengers)	Expected crew of 25 plus up to 35 science personnel. Including rest areas, recreational areas, dining room. Accommodation spaces to be i.a.w. with Maritime labour convention 2006 (as amended).	
ATTGEN#006	21	Ability to transfer personnel and equipment at sea via air means	Heli-deck with Medium weight lift capability	
ATTGEN#007	22	Ability to transfer personnel and equipment at sea via maritime means	Dedicated work boat (e.g. RHIB) targeting 6 people and 6m length with launch and recovery system (LARS) and storage area.	
ATTSET#001	23	Ability to collect and share environmental / ship data (Navigation, Meteorological, Attitude, other sensors).	E.g. Geomatics system	

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ATTSET#002	24	Ability to collect oceanographic data: ADCP, CTD, MBES, SBP	E.g. Sensors fitted in Hull / Moon pool / Over the side / Drop Keel - ADCP : Acoustic Doppler Current Profiler - CTD: Conductivity, Temperature, Depth - MBES: Multi Beam Echo Sounder, - SBP: Sub Bottom Profiler	
ATTSET#003	25	Ability to launch/deploy/recover scientific assets via an A Frame in precise geographical locations.	Targeting an A Frame Safe Working Load of 20 mt and asset deployment capability of 5 mt at 6000m depth.	
ATTTEC#001	26	Ability to accommodate computing and storage capability.	With a target to have server room(s) of 40 m2, associated power supply and cooling infrastructure.	
ATTTEC#004	27	Ability to deploy / operate / recover UxV(s) (air, surface, underwater) and ROV(s) with a target of large category and objective to XL category.	Mission Bay for over side launch / recovery. Flight deck for UAV. Garage / Launch and Recovery System (LARS) for UxVs	
ATTTEC#008	28	Ability to maintain position and heading in adverse environmental conditions.	Targeting to meet IMO DP Class 2 requirements and station keeping ability in Sea State 5 with wind speed of 30 kts	
ATTTEC#009	29	Ability to mobilise and secure ISO containers independently	E.g. 20' ISO containers and moving on-board capability minimum of 8 units.	
ATTTEC#010	30	Ability to operate in ultra quiet mode with low underwater radiated noise level (URN) for acoustic data acquisition	Targeting a URN level equal to or less than to DNV "Silent R" plus ultra quiet mode operation (e.g. on energy storage system >=2h @ 5Kts)	
ATTTEC#011	31	Ability to participate in NATO maritime exercises and demonstrations..	E.g. MIL / IMO compliant communication and identification systems (Sat, RF, UW), High precision acoustic positioning system, U/W telephone. Interfaces to support standard NATO maritime communications and coordination	
ATTTEC#012	32	Ability to provide broad bandwidth, high speed, low latency datalink.	Working high speed / low latency data link at high latitudes. E.g. cloud data management / computing, remote processing	
ATTGEN#006	33	Ability to transfer personnel and equipment at sea via air means	Heli-deck with Medium weight lift capability	
ATTGEN#007	34	Ability to transfer personnel and equipment at sea via maritime means	Dedicated work boat (e.g. RHIB) targeting 6 people and 6m length with launch and recovery system (LARS) and storage area.	
ATTSET#001	35	Ability to collect and share environmental / ship data (Navigation, Meteorological, Attitude, other sensors).	E.g. Geomatics system	
ATTSET#002	36	Ability to collect oceanographic data: ADCP, CTD, MBES, SBP	E.g. Sensors fitted in Hull / Moon pool / Over the side / Drop Keel - ADCP : Acoustic Doppler Current Profiler - CTD: Conductivity, Temperature, Depth - MBES: Multi Beam Echo Sounder, - SBP: Sub Bottom Profiler	
ATTSET#003	37	Ability to launch/deploy/recover scientific assets via an A Frame in precise geographical locations.	Targeting an A Frame Safe Working Load of 20 mt and asset deployment capability of 5 mt at 6000m depth.	
ATTTEC#002	38	Ability to collect, store and process operational and research data in accordance with applicable information security policies	- Suitable secured area for controlled access information technology and data systems	
ATTTEC#004	39	Ability to deploy / operate / recover UxV(s) (air, surface, underwater) and ROV(s) with a target of large category and objective to XL category.	Mission Bay for over side launch / recovery. Flight deck for UAV. Garage / Launch and Recovery System (LARS) for UxVs	
ATTTEC#005	40	Ability to deploy equipment over the side.	Dedicated side deployment system (e.g. A-Frame winch) with the target up to 1 ton at 6 km water depth	
ATTTEC#009	41	Ability to mobilise and secure ISO containers independently	E.g. 20' ISO containers and moving on-board capability minimum of 8 units.	
ATTTEC#011	42	Ability to participate in NATO maritime exercises and demonstrations..	E.g. MIL / IMO compliant communication and identification systems (Sat, RF, UW), High precision acoustic positioning system, U/W telephone. Interfaces to support standard NATO maritime communications and coordination	
ATTSET#002	43	Ability to collect oceanographic data: ADCP, CTD, MBES, SBP	E.g. Sensors fitted in Hull / Moon pool / Over the side / Drop Keel - ADCP : Acoustic Doppler Current Profiler - CTD: Conductivity, Temperature, Depth - MBES: Multi Beam Echo Sounder, - SBP: Sub Bottom Profiler	
ATTSET#003	44	Ability to launch/deploy/recover scientific assets via an A Frame in precise geographical locations.	Targeting an A Frame Safe Working Load of 20 mt and asset deployment capability of 5 mt at 6000m depth.	
ATTSET#005	45	Ability to tow scientific systems and deploy / recover scientific assets via winch.	Towing winch w/Slip ring, A-Frame serving Aft Deck and reconfigurable layout. targeting 15T pull at 1m/s speed and 10km of 1/2" diameter total cables length	
ATTTEC#002	46	Ability to collect, store and process operational and research data in accordance with applicable information security policies.	- Suitable secured area for controlled access information technology and data systems	

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ATTTEC#004	47	Ability to deploy / operate / recover UxV(s) (air, surface, underwater) and ROV(s) with a target of large category and objective to XL category.	Mission Bay for over side launch / recovery. Flight deck for UAV. Garage / Launch and Recovery System (LARS) for UxVs	
ATTTEC#005	48	Ability to deploy equipment over the side.	Dedicated side deployment system (e.g. A-Frame winch) with the target up to 1 ton at 6 km water depth	
ATTTEC#010	49	Ability to operate in ultra quiet mode with low underwater radiated noise level (URN) for acoustic data acquisition	Targeting a URN level equal to or less than to DNV "Silent R" plus ultra quiet mode operation (e.g. on energy storage system >=2h @ 5Kts)	
ATTGEN#004	50	Ability to navigate in Polar Waters.	Targeting compliance with IMO Polar Code, minimum PC7	
ATTSET#002	51	Ability to collect oceanographic data: ADCP, CTD, MBES, SBP	E.g. Sensors fitted in Hull / Moon pool / Over the side / Drop Keel - ADCP : Acoustic Doppler Current Profiler - CTD: Conductivity, Temperature, Depth - MBES: Multi Beam Echo Sounder, - SBP: Sub Bottom Profiler	
ATTSET#003	52	Ability to launch/deploy/recover scientific assets via an A Frame in precise geographical locations.	Targeting an A Frame Safe Working Load of 20 mt and asset deployment capability of 5 mt at 6000m depth.	
ATTSET#005	53	Ability to tow scientific systems and deploy / recover scientific assets via winch.	Towing winch w/Slip ring, A-Frame serving Aft Deck and reconfigurable layout. targeting 15T pull at 1m/s speed and 10km of 1/2" diameter total cables length	
ATTTEC#004	54	Ability to deploy / operate / recover UxV(s) (air, surface, underwater) and ROV(s) with a target of large category and objective to XL category.	Mission Bay for over side launch / recovery. Flight deck for UAV. Garage / Launch and Recovery System (LARS) for UxVs	
ATTTEC#005	55	Ability to deploy equipment over the side.	Dedicated side deployment system (e.g. A-Frame winch) with the target up to 1 ton at 6 km water depth	
ATTSET#003	56	Ability to launch/deploy/recover scientific assets via an A Frame in precise geographical locations.	Targeting an A Frame Safe Working Load of 20 mt and asset deployment capability of 5 mt at 6000m depth.	
ATTSET#005	57	Ability to tow scientific systems and deploy / recover scientific assets via winch.	Towing winch w/Slip ring, A-Frame serving Aft Deck and reconfigurable layout. targeting 15T pull at 1m/s speed and 10km of 1/2" diameter total cables length	
ATTTEC#002	58	Ability to collect, store and process operational and research data in accordance with applicable information security policies	- Suitable secured area for controlled access information technology and data systems	
ATTTEC#004	59	Ability to deploy / operate / recover UxV(s) (air, surface, underwater) and ROV(s) with a target of large category and objective to XL category.	Mission Bay for over side launch / recovery. Flight deck for UAV. Garage / Launch and Recovery System (LARS) for UxVs	
ATTTEC#005	60	Ability to deploy equipment over the side.	Dedicated side deployment system (e.g. A-Frame winch) with the target up to 1 ton at 6 km water depth	
ATTTEC#009	61	Ability to mobilise and secure ISO containers independently.	E.g. 20' ISO containers and moving on-board capability minimum of 8 units.	
ATTSET#002	62	Ability to collect oceanographic data: ADCP, CTD, MBES, SBP	E.g. Sensors fitted in Hull / Moon pool / Over the side / Drop Keel - ADCP : Acoustic Doppler Current Profiler - CTD: Conductivity, Temperature, Depth - MBES: Multi Beam Echo Sounder, - SBP: Sub Bottom Profiler	
ATTSET#003	63	Ability to launch/deploy/recover scientific assets via an A Frame in precise geographical locations.	Targeting an A Frame Safe Working Load of 20 mt and asset deployment capability of 5 mt at 6000m depth.	
ATTSET#005	64	Ability to tow scientific systems and deploy / recover scientific assets via winch.	Towing winch w/Slip ring, A-Frame serving Aft Deck and reconfigurable layout. targeting 15T pull at 1m/s speed and 10km of 1/2" diameter total cables length	
ATTTEC#002	65	Ability to collect, store and process operational and research data in accordance with applicable information security policies	- Suitable secured area for controlled access information technology and data systems	
ATTTEC#004	66	Ability to deploy / operate / recover UxV(s) (air, surface, underwater) and ROV(s) with a target of large category and objective to XL category.	Mission Bay for over side launch / recovery. Flight deck for UAV. Garage / Launch and Recovery System (LARS) for UxVs	
ATTTEC#005	67	Ability to deploy equipment over the side.	Dedicated side deployment system (e.g. A-Frame winch) with the target up to 1 ton at 6 km water depth	
ATTTEC#010	68	Ability to operate in ultra quiet mode with low underwater radiated noise level (URN) for acoustic data acquisition.	Targeting a URN level equal to or less than to DNV "Silent R" plus ultra quiet mode operation (e.g. on energy storage system >=2h @ 5Kts)	