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02 June 2022

DOCUMENT AC/225-D(2022)0013 Silence Procedure ends: 28 June 2022 12:00

Copy: NSO

NATO ARMY ARMAMENTS GROUP (NAAG)

Standardization Proposal (SP) for a STANREC on Trilateral Design and Test Code for Military Bridging and Gap Crossing Equipment (TDTC)

Note by the Secretary

LAMP Reference: MILENG-001

- The Military Engineering (MILENG) Group developed a Standardization Proposal (SP) for a STANREC on Trilateral Design and Test Code for Military Bridging and Gap Crossing Equipment (TDTC) (see annex), in response to the LAMP focus area objective MILENG-001.
- 2. The NAAG decision and - if favorable - the corresponding Standardization Task (ST) will be recorded in the NAAG 120th (June 2022) meeting Decision Sheet.
- 3. The NAAG (NATO Nations) is invited to endorse the SP though a silence procedure ending on 28 June 2022 12.00 hours (Brussel's time).

(Signed) O. TASMAN

Anney 1

Action Officer: Mr Osman Tasman Email: tasman.osman@hq.nato.int

Original: English



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STANDARDIZATION PROPOSAL

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This standardization proposal format is to be filled in by any interested party to initiate the		
standardization process through the bottom-up approach.		
If required the NATO Standardization Office (NSO) can assist the originator to ensure the		
standardization proposal (SP) addresses the required content and meets formatting requirements.		
Once completed, please submit to the appropriate tasking authority/delegated tasking authority		
(TA/DTA).		
In case of any uncertainty concerning the appropriate TA/DTA, please submit to the NSO.		
1. Reference Number: 2. Date*: 20 APR 2022		
To be provided by TA/DTA staff / NSO.		
3. Originator*: Trilateral Design and Test Code for Military Bridging and Gap Crossing Equipment		
(TDTC) Design and Analysis Group		
4. Tasking Authority / Delegated Tasking Authority: NATO Army Armaments Groupl		
5. Subject*: Transformation of the TDTC to a NATO standard		
6. Standardization Need and Impact on Interoperability*: A need for standardization of the		
design and testing parameters for military bridges within NATO has resulted from lessons learned		
from both recent military operations in Iraq and Afghanistan and military exercises. While NATO		
STANAG 2021 exists as a military bridging document, it does not provide specific design or test		
parameters for military bridges. The TDTC provides loading conditions, design parameters and		
test guidance for military bridges, ensuring suitability of military bridging among all countries in		
acceptance of the TDTC. However, difficulty has resulted in referencing the document for new		
military bridging technical specifications because of its current "trilateral" nature. As a result,		
requirements for military bridges are drawn from standards which differ from one country to the		
next. This mismatch in standards adversely affects transportability and mobility among NATO		
nations because bridges procured by one country may not be suitable for use by another country.		
Standardizing the TDTC will help to ensure suitability of military bridging equipment among NATO		
members by making it easier for them to access and reference a recognized military bridging		
design and testing document for use in future military bridging technical specifications.		
design and testing document for use in ruture military bridging technical specifications.		
7. Umananat. Danasa distandendination colution about the developed by December 2000		
7. Urgency*: Proposed standardization solution should be developed by December 2022		
8. Fast Track Procedure: Please indicate the requirement to use the fast-track procedure.		
9. Proposed Standardization Solution*: Transform the TDTC to a NATO STANREC, enhancing		
suitability of military bridging by making it easier for users to access the document's content and		
reference it in military bridging technical specifications.		
reference it in military bridging teerimear specimeations.		
10. Related Capabilities: If known, please indicate the capabilities related to the proposed		
standardization solution.		
11. Level of Standardization: [If known, please indicate the level of standardization to be		
achieved through the implementation of the proposed standardization solution.]		
□ Compatibility □ Interchangeability □ Commonality		
- companion, - interestingularity		

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Additional information: Please indicate any limitation.		
12. Covering Document: [If known, please indicate	the intended covering document for the	
	the interface covering document for the	
proposed standardization solution.]		
□ STANAG ⋈ STANREC		
13. Non-NATO Standardization Solutions: If known,	places indicate existing suitable pen NATO	
standardization solution that should be adopted by	NATO or interested Standard Developing	
organizations for co-development.		
,		
14. Working Group: Military Engineering Working Group	oup / Materiel Panel	
15. Custodian: United States of America (USA))		
13. Custodian. Officed States of Afficiaca (OSA))		
4C. Dowland Notional Involvement		
16. Partner Nations' Involvement:		
17. NATO Bodies' Involvement: The Team of Experts	s for Military Bridge Assessment (ToF MBA)	
will be needed to support the development and		
· ·	i implementation/ use of the proposed	
standardization solution		
18. Engagement with Other Actors: Industry and aca	demia will also be consulted, as necessary.	
as part of development and future revision of the propo		
academia had previously been consulted in the develo	ppment of previous IDIC revisions.	
19. Classification And Release: Non Classified		
20. Languages Required: [Please indicate the languages]	age in which the proposed standardization	
	ago III Willori tilo proposod staridaraization	
solution needs to be available.]		
21. Promulgation Criteria: /		
22. NATO Effective Date: None		
23. Relationship to Existing NATO Documents:	The TDTC currently references NATO	
STANAG 2021 (AEP-3.12.1.5) in multiple sections of t	ne document, as well as STANAG 4570.	
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24. Military services affected: [If known, please inc	dicate the military services affected by the	
proposed standardization solution.]		
☐ Joint ☐ Air ☒ Land ☐ Maritime ☐ Other		
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25. Other information: Please report any other information you consider relevant.		
26. Contact Information: bernard.j.sia.civ@army.mi	<u>il</u> ; +158 6 2395182	
27. Name and signature*:	_	
Name: Dr. Bernard Sia	[please provide your full name]	
Ivallie. Di. Dellialu Sia	[piease provide your full flatfle]	
Signature:	[please sign]	
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^{*} These fields are mandatory.