



**ISO/IEC JTC 1/SC 41/WG 7**  
**Internet of Things and Digital Twin**  
**- Maritime, underwater IoT and Digital Twin Applications**  
**Convenorship : KATS (Korea, Republic of)**

**Document type:** Outgoing Liaison Statement

**Title:** Liaison Statement from SC 41/WG 7 on the new work items for underwater network  
a) Interworking between IP-based network and underwater network  
b) Interworking between heterogeneous underwater networks based on underwater delay and disruption tolerant network (U-DTN)

**Status:** This liaison statement will be forwarded to IETF, OMA and JANUS.

**Date of document:** 2021-07-16

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## **Liaison Statement from ISO/IEC JTC 1/SC 41/WG 7 on new work items for underwater network**

From: ISO/IEC JTC 1/SC 41/WG 7 (Convenor: Dr. Soo Hyun Park)

To: IETF, OMA and JANUS

ISO/IEC JTC 1/SC 41/WG 7 (Maritime, underwater IoT and Digital Twin Applications) would like to inform you that the following work items will be proceeded to the new work item ballot process for International Standards.

- a) Interworking between IP-based network and underwater network
- b) Interworking between heterogeneous underwater networks based on underwater delay and disruption tolerant network (U-DTN)

If your organization is interested in these topics, any comment will be appreciated. Please submit your comments **by 2021-08-16**.

Reply to;

- a) WG 7 Convenor ([shpark21@kookmin.ac.kr](mailto:shpark21@kookmin.ac.kr)) and
- b) SC 41 Committee Manger ([jooran@ksa.or.kr](mailto:jooran@ksa.or.kr))

Detailed information about work items are attached.

### **1 JTC 1/SC 41 and WG 7**

SC 41 is the designated Sub-committee for IoT and Digital Twin standardization in ISO/IEC JTC 1 which is the Joint Technical committee of ISO and IEC.

WG 7 is the working group for the standardization of Maritime, underwater IoT and Digital Twin Applications in ISO/IEC JTC 1/SC 41.

### **2 Work Items**

JTC 1/SC 41 has agreed that these work items be submitted as new work item proposal, and will be proceeded to the new work item ballot process.

Please see next page and [Attachment – Presentation on work items] for more detail about these work items.

- Internet of Things (IoT) – Interworking between IP-based network and underwater network

(Resolution #319 adopted at the JTC 1/SC 41 plenary meeting in November 2020)

319.	<p>JTC 1/SC 41 appreciates the proposal for a New Work Item on <b>Internet of Things (IoT) – Interworking between IP-based network and underwater network</b> (SC 41N1409).</p> <p>JTC 1/SC 41 requests, as noted in Resolution 45, an NP form and an initial draft be socialized with WG 4 and with appropriate ISO, IEC committees and other SDOs. WG 4 should seek cooperation prior to NP submission and invite them to participate in the development of this NP.</p>	Korea
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- Internet of Things (IoT) – Interworking between heterogeneous underwater networks based on underwater delay and disruption tolerant network (U-DTN)

(Resolution #356 adopted at the JTC 1/SC 41 plenary meeting in May 2021)

356.	<p>JTC 1/SC 41 appreciates the proposal for a New Work Item on <b>Internet of Things (IoT) –Interworking between heterogeneous underwater networks based on underwater delay and disruption tolerant network (U-DTN)</b> (SC41N1596).</p> <p>JTC1/SC 41 requests, as noted in Resolution 45, an NP form and an initial draft be socialized with WG 4 and with appropriate ISO, IEC committees and other SDOs. WG 4 should seek cooperation prior to NP submission and invite them to participate in the development of this NP.</p>	Korea
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