Title:	**LS on need for survival time for IEEE TSN**
Response to:	**-**
Release:	**Rel-17**
Work Item:	**FS_IIoT**
Source:	**3GPP SA WG2**
To:	IEEE 802.1 WG

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Attachments: -

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1. Overall Description:

3GPP SA WG2 is working on a study for enhanced support of Industrial IoT in Release-17. As part of this study, there is a Key issue for introducing *"Use of Survival Time for Deterministic Applications in 5GS"*.

Related to this, 3GPP SA WG2 would like to ask the following question: In case 5GS is integrated as a bridge with IEEE TSN network (as in Rel-16), will CNC be able to provide Survival Time that the 5GS can use for traffic processing?

SA2 would also like to point out that 3GPP TS 22.104 defines the Survival Time as:
"survival time: the time that an application consuming a communication service may continue without an anticipated message."
Furthermore, in Annex C2.3 a survival time parameter is defined as:
"the time period the communication service may not meet the application's requirement before the communication service is deemed to be in an unavailable state".

2. Actions:

To IEEE 802.1 WG

ACTION:
SA WG2 kindly requests IEEE 802.1 WG to reply to the above question.

3. Date of Next TSG SA WG2 Meetings:

TSG-SA2 Meeting #140   19th – 2nd September 2020   Elbonia