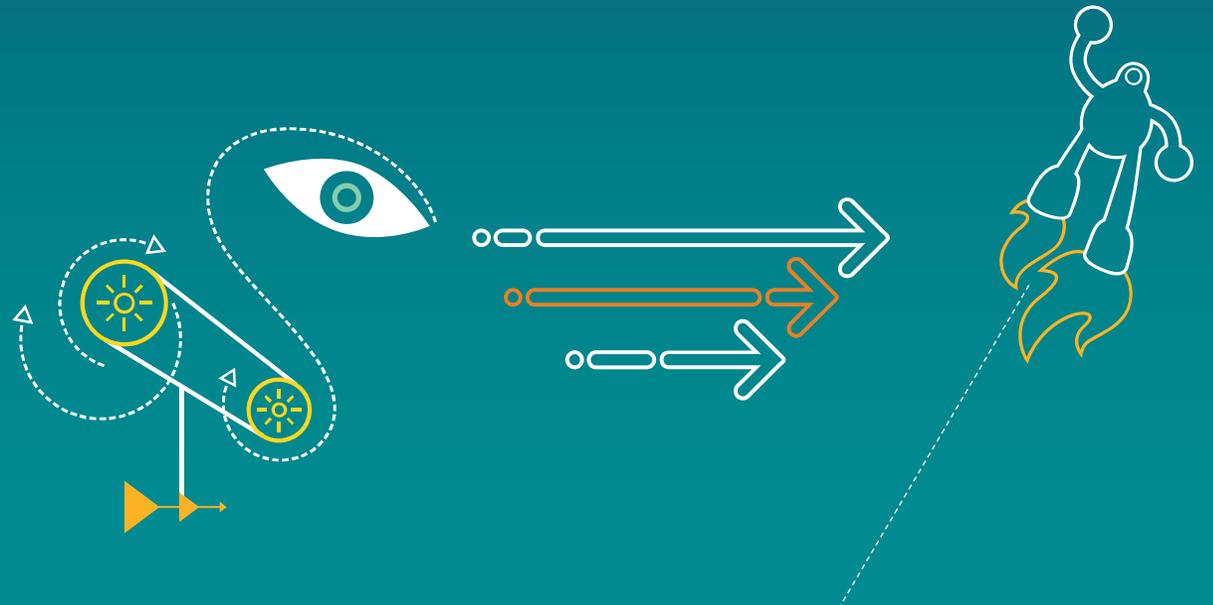


Ian Blair

GNSS Requirement Aspects for AECS

QUALCOMM®



Points agreed during 9th AECS meeting

The following points were already agreed to be changed in AECS-02-02r5

- Section: 7.2.4 + 17.2.4
 - Removal of the PZ-90 coordinate system requirement
- Section 7.2.7 + 17.2.7 + Annex 8 section 3.7.13
 - Increase of GNSS re-acquisition time @ -150dBm from 20s to 60s

Reporting delay of position location

There is currently no requirement on the time relation between the time of the eCall triggering event reported in the MSD and the time of the location fix

- If time relationship is not specified then the PSAP could be given location coordinates that do not properly reflect the vehicle location.
 - For example, if the manual eCall button is pushed in a vehicle moving at 140km/h and the last location fix was measured 10 seconds before the trigger event, the vehicle could be more than 388m away from its reported location.
- This maximum timing requirement could be seen also as a requirement on the maximum distance between the reported location and the location of the triggering event
- *This needs to be specified and Qualcomm looks forward to discussing this with interested parties offline and in the next UNECE AECS meeting*

Comments on Other GNSS Requirements

Qualcomm has identified other aspects of the GNSS requirements which may need updating of the AECS recommendation

- Qualcomm is still investigating these issues carefully to ensure that they are significant enough to justify modification of the AECS recommendation
- After our internal assessment, we look forward to discussing these items offline with interested parties and may bring in a formal contribution to the next UNECE AECS meeting

Thank you

Follow us on:   

For more information on Qualcomm, visit us at:
www.qualcomm.com & www.qualcomm.com/blog

Nothing in these materials is an offer to sell any of the components or devices referenced herein.

©2013, 2015 Qualcomm Technologies, Inc. and/or its affiliated companies. All Rights Reserved.

Qualcomm is a trademark of Qualcomm Incorporated, registered in the United States and other countries, used with permission. Other products and brand names may be trademarks or registered trademarks of their respective owners.

References in this presentation to “Qualcomm” may mean Qualcomm Incorporated, Qualcomm Technologies, Inc., and/or other subsidiaries or business units within the Qualcomm corporate structure, as applicable.

Qualcomm Incorporated includes Qualcomm’s licensing business, QTL, and the vast majority of its patent portfolio. Qualcomm Technologies, Inc., a wholly-owned subsidiary of Qualcomm Incorporated, operates, along with its subsidiaries, substantially all of Qualcomm’s engineering, research and development functions, and substantially all of its product and services businesses, including its semiconductor business, QCT.

