ADASIS
Advanced Driver Assistant Systems Interface Specifications

Special Session 41

Standardizing Map Data Delivery to Driver Assistance Systems Status and Challenges Ahead

ITS World Congress
New York
November 2008

ADASIS
Advanced Driver Assistant Systems Interface Specifications

Special Session Speakers

- **Aria Etemad, Ford Research & Advanced Engineering Europe**
- **Robert P. Denaro, Navteq**
- **Vincent Blervaque, Ertico – ITS Europe**
- **Takashi Sugano, Nissan Motor Europe unable to attend**

Session Organizer

- **Michael L. Sena, Hughes Telematics**

ADASIS
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Benefits of Standardising ADAS Interface Specification

- **Achieve interoperabilty**
  - Ensure that we do not have a similar problem with ADAS as with the navigation system physical storage formats
- **Prevent diversification of specifcations and implementations**
  - Ensure that the industry continues to develop along a single path that will be consistent with a single standard
- **Avoid patent from third parties**
  - Everyone who has participated in the development of ADASIS should benefit from the work that has been done, and we must ensure that individual companies do not block the quick spread of the technology by claiming intellectual property rights that they do not really own.

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ADASIS Forum Standardisation - Progress and Status:

October 2002 – July 2003	**Survey the standards committees** **CEN/TC278 and ISO/TC204** **ISO/TC204 Working Group 3 TICS Databases (Transport Information and Control Systems)**
August 2003	**Invitation to Berlin from WG3 Convenor**
October 23, 2003	**Presentation to Berlin Meeting**
February 2004	**Delivered ADASIS documents**
July 2004	**WG3 Review** • Wait for final documents from Maps&ADAS • IPR ownership • Coordination with ISO/TC22 (Automotive
December 1, 2004	**Status Presentation** • Define a timeline for completion of documents

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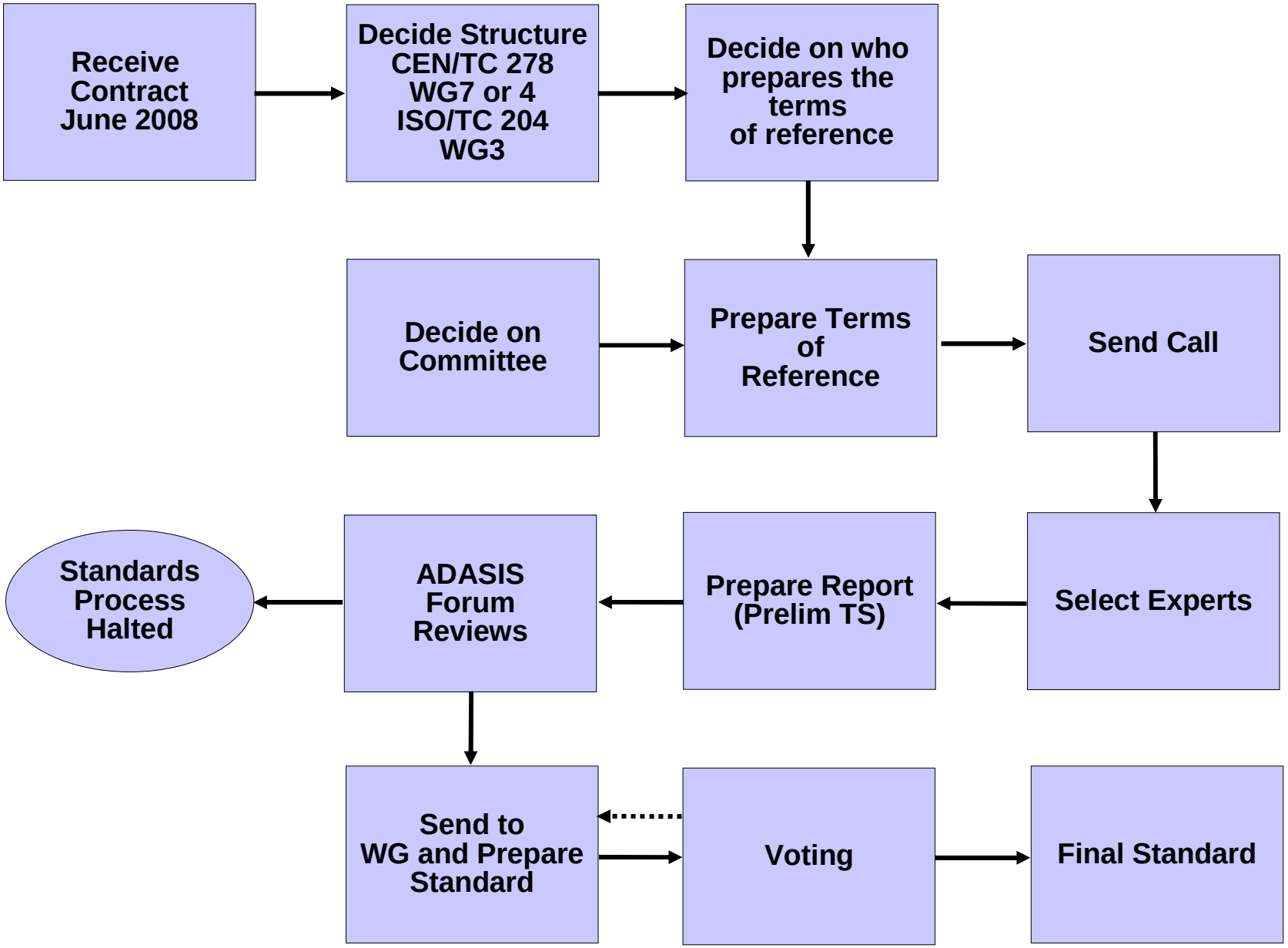
ADASIS Forum Standardisation - Progress and Status:

Dec. 2004 – Dec. 2005	MAPS&ADAS Project complete documents
February 2006	Decide on timetable for document submission
Feb-June 2006	Depending on timetable, prepare Preliminary Work Item for submission of documents. ❑Communicate timeline to ISO/TC204 WG3 convenor ❑ Assemble documents for delivery to WG3 ❑ Assist WG3 in the preparation of a Preliminary Work Item Proposal (PWI) or New Work Item Proposal (NP) ❑ Submit PWI or NP to ISO/TC204
April – September 2006	**Management Board Discussions**
September 2006	**Final decision of submission to ISO/TC204 WG3**
May 2007	**Submission of funding proposal to CE N** **ICT Standardization Work Programme**
May 2008	**Statement from CEN that proposal has been approved.**


Receive Contract June 2008
Decide Structure CEN/TC 278 WG7 or 4 ISO/TC 204 WG3
Decide on who prepares the terms of reference
Decide on Committee
Prepare Terms of Reference
Send Call
Standards Process Halted
ADASIS Forum Reviews
Prepare Report (Prelim TS)
Select Experts
Send to WG and Prepare Standard
Voting
Final Standard

ADASIS Forum Standardisation - Progress and Status:

June 2008

ADASIS General Assembly Meeting - Aachen

CEN process and delegates asked to consider working method

ADASIS V2 Presented

ADASIS Forum Standardisation - Progress and Status:

July - September 2008

Comments collected from ADASIS Forum members

Ford – No to CEN ISO process

Mercedes – No to CEN ISO Process

Navteq – No to CEN ISO Process

- Do no want to yield control
- Protocol not ready for standardisation; too early
- The ADASIS Forum is a better place to develop the standard since all the players are represented

October 2008

ADASIS Forum Management Board Meeting

- Recommendation to keep ADASIS within ADASIS Forum and not proceed to standardisation
- Working Group 4, Standardisation, closed
- Revise working group structure
  - WG1 Specifications (combine WG1 WG2 WG3) A. Bracht, Daimler
  - WG2 New Features (formal WG6) A. Varchmin, Blaupunkt
  - WG3 Interoperability (formal WG5) TBD, OPEL