

UN WP.29 Hydrogen Activities

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Background

- EIHP developed draft regulations Liquid & Gaseous Hydrogen On-board storage tanks
- submitted to German Ministry of Transportation with a request to submit to WP.29 of UN ECE for adoption
- WP.29 March meeting sent regulations to GRPE for a recommendation on whether to consider it in their work plan

Background (Cont'd)

- At the May 2001 meeting of the GRPE, it determined that:
 - It did not have the expertise to decide on a work program
 - Even if it had the expertise, it did not have time to bring forward tank recommendations to WP.29 at its June 2001 meeting
- It recommended to WP.29 the formation of an ad hoc committee formed under German leadership to review and make recommendations on both tank proposals under the 1958 agreement
- This recommendation was accepted at the WP.29 June meeting

Ad Hoc Work Group

- The chairman is Christoph Albus
- The work group met in Bonn at the end of November 2001
- It decided that:
 - Draft and present documents as ECE regulations under the 1958 agreement
 - As a second step, it devise a way of considering the ECE regulations as global technical regulations under the 1998 agreement
 - Develop a close relationship between ISO and GRPE

GRPE Meeting January 2002

- The U.S. and Canada decide to ask the GRPE to change the mandate for the ad hoc work group to the 1998 agreement
- Encourage the ad hoc committee to work with in the international standards organizations
- GRPE recommends to WP.29 that the mandate be changed and accelerate schedule

Follow-on and Fall Out

- March meeting of WP.29 will act on GRPE recommendations
- The ad hoc work group has two meetings planned prior to GRPE meeting in May
 - Munich Feb. 2002
 - Stuttgart April 2002
- May meeting of GRPE will discuss the ad hoc committee recommendations

Follow-on and Fall Out (Cont'd)

- June 2002 Meeting of WP.29 will act on GRPE recommendations on a path forward
- June 2002 ISO Plenary Meeting of TC 197 and prior work group meetings will take up the differences between the EIHP tank regulations and ISO draft tank standards
- U.S. is evaluating the differences between the ISO and EIHP documents to provide input to the ad hoc work group and the U.S. TAG

WP.29 Standing Committees

- Administrative Committees for each agreement (1958 and 1998)
- GRPE -- Working Party on Pollution and Energy
- GRSG -- Working Party on General Safety Provisions
- GRRF -- Working Party on Brakes and Running Gear
- GRE -- Working Party on Light-Signaling
- GRSP -- Working Party on Passive Safety
- GRB -- Working Party on Noise