

**NOTES FROM THE MEETING OF THE
1st HEAVY VEHICLE SIMULATOR INTERNATIONAL ALLIANCE (HVSIA)
16 & 17 OCTOBER 2003
THE FARM INN, PRETORIA, SOUTH AFRICA**

PRESENT:

Title	Name	Organisation	Code
Ms	Elzbieta Sadzik <i>Chair</i>	Gauteng Department of Transport	ES
Dr	Reed Freeman	US Army Corps	RF
Ms	Leslie Johnson	South African National Department of Transport	LJ
Dr	Vincent Janoo	US Army Corps of Engineers	VJ
Mr	Hechter Theyse	CSIR Transportek	HT
Dr	Anna-Carin Brink	CSIR Transportek	ACB
Dr	Joe Mahoney	University of Washington	JM
Dr	Nick Coetzee	California Pavement Research Centre/Dynatest	NC
Dr	Albert Bush	US Army Engineer Research Development Centre	AB
Lic. Eng	Niclas Odermatt	Swedish National Road Administration	NO
Dr	Bouzid Choubane	Florida Department of Transport	BC
Civ. Eng	Leif G Wiman	Swedish National Road and Transport Research Institute	LW
Civ. Eng	Benoit Verhaege	CSIR Transportek	BV
Mr	Louw du Plessis	CSIR Transportek	LdP
Dr	Simon Oloo	KwaZulu Natal Department of Transport	SO
Civ. Eng	Enrico Fletcher	Gauteng Department of Transport	EF
Prof	Morris de Beer	CSIR Transportek	MdB
Dr	Fenella Long	CSIR Transportek	FL
Mr	Stephen Wormald	Dynatest	SW
Prof	Fred Hugo	ITT, University of Stellenbosch	FH
Mr	Arthur Taute	VKE Consulting Engineers	AT
Dr	Frank Netterberg	Frank Netterberg	FN
Mr	Mervyn Henderson	PAWC	MH
Mr	Renaldo Lorio	UWP	RL
Mr	Les Sampson	Asphalt Academy/Sampson Consulting cc	LRS
Dr	Wynand Steyn	CSIR Transportek	WS
Dr	Zhang Jianfei	Highway Department, Ministry of Communications, People's Republic of China	ZJ
Ms	Cheng Ping	Highway Department, Ministry of Communications, People's Republic of China	CP
Dr	Fritz Jooste	MAS	FJ
Ms	Pat Loots <i>Secretary</i>	Executive Focus cc	PL

Contact details of all delegates are shown in Appendix A.

NOTES AND ACTIONS FROM THE MEETING		
Item	Notes/Action	Responsibility
Session A: HVSU: Organisation (Elzbieta Sadzik – <i>Chair</i>)	• The Chair gave a summary of the previous HVS workshop meeting of 7 and 8 October 2002 and highlighted issues carried over from the meeting (See Appendix D1).	ExCo
	• The Constitution was discussed, changes made and distributed for comment. The comments were included and the final Constitution is shown in Appendix B.	
	• It was agreed that the Executive Council (ExCo) as defined in the Constitution would meet at 16:30 on 16 October 2003 (ExCo meeting covered under a separate minute).	
	• It was agreed that the name would be changed to the Heavy Vehicle Simulator International Alliance (HVSIA).	
	• It was proposed that FHWA should be invited as a member of the Alliance. ExCo to agree at meeting.	

<p>Session B: International Collaboration (Joe Mahoney/Al Bush – <i>Chair</i>)</p>	<ul style="list-style-type: none"> • JM gave a presentation on ideas for international collaboration to open the discussion session. See Appendix D2. • A basic matrix was developed to identify focus and competency areas in which the various HVS's were operating to identify current activities, overlaps and gaps. • The matrix was populated and is shown in Appendix C. • The following was agreed during the session: <ul style="list-style-type: none"> ○ An Activity Coordination Task Group (ACTG) should be developed to further populate and expand the matrix and would be driven by South Africa (ES). ○ The ExCo will identify specific representatives from organizations that will provide input to the Task Group. ○ Supplementary information should be gathered in a format similar to the Caltrans example from the previous meeting. ES to develop a template and distribute to Task Group members for input. ○ The information would be consolidated to identify possible areas of collaboration between HVS users for presentation at the next meeting. ○ The Gautrans website currently under construction to accommodate the activities of the Alliance in terms of population of the activities matrix. 	<p>ES</p> <p>ExCo</p> <p>ES</p> <p>ES</p> <p>ES</p>
<p>Session C: Feedback on last year HVS activities and future programme (Reed Freeman – <i>Chair</i>)</p>	<ul style="list-style-type: none"> • The following feedback presentations are shown in Appendix D: <ul style="list-style-type: none"> ○ D3 – California Pavement Research Center; ○ D4 – VTT/VTI, HVS – Nordic Tests 2003; ○ D5 – US Army Engineer Research and Development Center (CRREL); ○ D6 – US Army Engineer Research and Development Center (WES); ○ D7 – Florida DOT, Accelerated Pavement Testing and Research Program; ○ D8 – Gauteng DOT/CSIR: South Africa Latest Trends in Research; ○ D9 – Gauteng DOT/CSIR: Gautrans HVS Programme. • LdP to circulate California Pavement Research Center website address for members to download their new strategic document. • ES to send NC an e-mail to obtain an update of the Table presented at the October 2002 workshop. • VJ to e-mail a list of publications/titles to ES for circulation. • FN to provide RF with references for TRH20. 	<p>LdP</p> <p>ES/NC</p> <p>VJ FN</p>
<p>Session D: Instrumentation and Data Collection Issues (Vince Janoo & Louw du Plessis – <i>Chair</i>)</p>	<ul style="list-style-type: none"> • LdP gave a presentation on instrumentation, data collection and interpretation issues as an input to the discussions (See Appendix D10). • It was agreed that an Instrumentation and Results Task Group (IRTG) be constituted, driven by the US Corp of Engineers (RF), in association with FH. • Matrices should be developed for collection of information related to instrumentation and interpretation of results. • The following IRTG representatives were identified: <ul style="list-style-type: none"> ○ Bouzid Choubane – Florida; ○ Niclas Odermatt – Finland/Sweden; ○ Anna-Carin Brink – South Africa; ○ Nick Coetzee – California; ○ Vince Janoo – Corp of Engineers. • Matrices to be circulated to identified representatives for population and return to RF for consolidation. • Task Group to develop recommendations of areas for possible collaboration for presentation at the next meeting. • WS to provide reference for instrumentation and measurement programmes to PL for distribution. • BC to provide ES with Florida protocol for instrumentation and calibration of test sections. • VJ to provide the draft protocol on field testing for real life performance to members. • The task group selected at the previous workshop will work on the document. NC to be added to the Task Group. • Task Group to get comments back to VJ by end January 2004. • Gautrans LTPP protocol to be included. VJ will consolidate all comments as a discussion document for the Alliance before the next meeting for discussion at the next meeting. • A Practice, Specifications and Terminology Task Group (PSTTG) should be established and will be driven by JM. • JM to prepare data capture tools for circulation to ExCo. • Recommendations from Task Group to be discussed at the next meeting. • An APT vs Real Life Protocol Task Group to be established and driven by VJ. • Draft Protocol to be circulated by VJ to all members of Task Group (FL, FH, RF and NC) • Comments from Task Group members to be returned to VJ by end of January 2004. • Consolidated comments for discussion at next meeting. • AT to coordinate the HVSIA website and prepare recommendations by end of January 2004 for circulation to ExCo for comment and action. 	<p>RF/FH</p> <p>RF/FH</p> <p>RF/Reps</p> <p>RF/FH</p> <p>WS/PL</p> <p>BC</p> <p>VJ Task Group</p> <p>Task Group VJ</p> <p>JM</p> <p>JM</p> <p>VJ</p> <p>VJ Task Group</p> <p>VJ AT</p>

Session E: Evaluation and Quantification of HVS Test Benefits (Leif Weiman & Niclas Odermatt – <i>Chair</i>)	<ul style="list-style-type: none"> • RSA “benefits” report to be circulated to ExCo for comments after April 2004. • FH to provide Texas strategic plan ES. • NC to provide California strategic plan to ES. • BC to circulate Florida strategic plan to ExCo. 	ES FH NC BC
---	--	----------------------

A record of session discussions is shown in Appendix E.

A photo of delegates is shown in Appendix F.