

HSE AGRICULTURAL INDUSTRY ADVISORY COMMITTEE (AIAC) TRANSPORT & MACHINERY PROJECT GROUP

6th WORKSHOP

Notes of 6th Workshop held on 29 March 2010 at the British Agricultural and Garden Machinery Association (BAGMA) HQ, Middleton Cheney, Banbury.

Present

Alan Plom (HSE Ag Sector/Chair)	Nigel Davy (FishNet/IOSH/consultant)
Andy Scarlett (Scarlett Research Ltd)	Paul Hildrow (AEA/Industry Advisor)
Brian Rees (Lantra Awards/lead verifier/instructor)	Phil Hallam (Lantra Awards instructor)
David Leavesley (IOSH Rural Ind Gp/consultant)	Rachel Corbridge (HSE/Ag Sector)
David White (Harper Adams College/Snr lecturer)	Reuben Evans (NFU Mutual/Risk Mngmnt Services)
Graham Munford (Forestry Commission)	Richard Archer (Lantra Awards instructor)
Howard Pullen (BAGMA President)	Richard Gard (Richard Gard Associates Ltd)
Jamie Smart (NFU Scotland/farmer)	Roger Lane-Nott (AEA CEO)
John Collen (NFU/farmer)	Sandy Ellis (Askham Bryan College, Hd of Eng)
Keith Christian (BAGMA Gen Man)	Sarah Haynes (HSE/Noise & Vibration)
Keith Hawken (AEA Chief Engr)	Simon Bland (HSE/Safety Unit)
Marcus Themans (NFU/farmer)	Simon Chiles (NAAC/Contractor)
Matthew Belsey (Unite the Union/farm foreman)	Tony Mitchell (HSE/Ag Sector)
Michael Britten (NFU/H&S Policy Advisor)	Wayne Grills (Lantra Awards MD)
Neil Catton (G's/Shropshire Group/Safety Director)	

Apologies

Andrew Whetters/Carol Grainger (HSE Transport Policy)
John Godden (Lantra SSC)
Ken Hardgrave and Garry Rudd (Agricultural Industries Confederation)
Peter Garbutt (NFU Transport Policy Advisor)
Steve Gillingham (DfT)

1. WELCOME AND INTRODUCTIONS

1.1 Alan Plom (Chair) welcomed delegates and noted the highest ever attendance, reflecting the expanding interest in the work of the Group and the wider range of organisations now represented. He also thanked BAGMA for hosting the meeting. All present outlined their role and interests.

2. SCOPE OF GROUP & REVIEW OF PREVIOUS WORKSHOP

2.1 The notes of the previous workshop held on 10 December 2008 were briefly reviewed and agreed. A meeting had not been held since as it was decided to wait until HSE's communications plans and the 'Make The Promise' campaign were clear.

2.2 The remit of the Group had been extended to include machinery-related issues by the AIAC following a review of current issues in December 2009.

ACTION: Notes of 2008/09 Workshop to be posted on the AIAC Transport (& Machinery) Group webpage [

<http://www.hse.gov.uk/aboutus/meetings/iacs/aiac/transport/index.htm>] .

[Sec's Note: A summary of the actions from this (March 2010) meeting is attached as an Annex.]

3. AGRICULTURAL VEHICLES – 'SAFE ON-ROAD/SAFE OFF-ROAD'

3.1 Update on studies of tractor accidents on rural roads

3.1.1 Richard Gard updated members on the status and progress of the various studies carried out on behalf of Department for Transport (DfT) and discussed at previous AIAC Workshops and the IAgRE Conference in March. His own 9-year study of farming-related road accidents reported by the Police and in the media had now been completed and is awaiting clearance by the Transport Research Laboratory (TRL) and DfT. TRL's Heavy Vehicle Crash Injury Study (HVCIS) Project (Phase II) was published on 10 February 2010 - available as 'Report PPR455' under 'Reports and Publications' on TRL's website]: http://www.trl.co.uk/online_store/reports_publications/trl_reports/cat_road_user_safety/report_the_heavy_vehicle_crash_injury_study_phase_ii_report.htm .

3.1.2 Rachel Corbridge (HSE) emphasised that whilst HSE can support safe buying/specification of equipment, HSE's remit does not extend to on-road risks. However, Members confirmed they are keen to do something to prevent on-road accidents as well as off-road, because these are inter-linked and there are potential synergies. A key part of this is developing appropriate training, advice and publicity.

3.1.3 Richard Gard referred delegates to pages 90–124 of the TRL Phase II report as they are particularly relevant. Appendix B also refers to road accidents involving agricultural vehicles and Appendix C provides case summaries of accidents involving agricultural vehicles. These highlight the most common types of road accidents, ie:

- single vehicle accidents
- overturns (tractor and/or trailer/implements)
- dual carriageway accidents
- right-hand turning accidents
- trailer disconnections
- agricultural vehicle defects, and
- incidents involving 'spikes & projections'.

ACTION: Members to review TRL Research Report, publicise the case studies and findings.

3.1.4 '**Safe Route**' - It was agreed that information/guidance should be produced highlighting these most common accident situations and providing advice on planning road use, eg to avoid right hand turns. This should be made available free via a website for use by students, farmers, contractors, manufacturers, regulatory agencies and trade associations, to distribute to their members and customers. Alan suggested this could also include issues such as vehicles emerging from gateways with fore-loaders/front booms, and repairing or avoiding uneven surfaces to reduce operator exposure to Whole Body Vibration (WBV).

3.1.5 **Films** – Members suggested that downloadable short films on the web (vidcasts) based on case studies would be effective,. These should include:

- the personal experiences of agricultural vehicle drivers involved in road accidents;
- the impact of an accident to a tractor driver and farm business;
- the experiences of the police and emergency response medics including air ambulance;
- footage of what the driver can see from the tractor cab, compared with
- the perception of approaching car drivers and motorcyclists.

It was suggested these could be obtained through the NFU, NFU-Mutual and trade associations.

ACTION: Members to provide case studies/contacts to HSE. HSE to provide template.

[Sec's Note: Case study template already available at:

<http://www.hse.gov.uk/aboutus/meetings/iacs/aiac/livestock/260609/casestudytemplate.pdf>

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3.1.6 Motor Cyclists - Richard recalled the well-received "Think Tractor" campaign in Devon and Cornwall in 1994. This used reflective logos and was promoted through a tractor dealership. He also suggested that particular effort should be made to warn motorcyclists of the risk created by tractors on rural roads. This should be discussed with the relevant Agencies (eg Driving Standards), manufacturers and Police. Alan mentioned that Ian Beeby (Unite) had written an article on this aspect for one of the motorcycling journals in the past. Richard also suggested linking this cause of deaths with organ donors in publicity and advocating 'lifting off the accelerator' when approaching a tractor, in the same way that a careful driver approaches a horse being ridden on the road.

3.1.7 Further research/information needed - Areas requiring further information, analysis and research were identified, including:

- Injuries to agri-vehicle drivers in accidents – eg impacts with fixed and loose items in cabs and the potential benefit of providing head protection.
- Secondary security for trailers – use of chains, wires (practical self-help guide needed).
- Value of seat belts in preventing ejection from cabs, arms flailing and loss of control.
- Improving conspicuity of agri-vehicles.

ACTION: Members to consider how to progress the issues identified for further research and information needs.

3.1.8 Driver Training - Richard also outlined his proposals for a Tractor Driver Training Programme. Alan reported that the NFU are pushing for development of practical training/up-skilling modules to enable farmers to develop and demonstrate 'professionalism'. This would support the new "Agri Skills" Strategy recently agreed with Defra. It was reported that David Owen had started to develop a 'Professional Tractor Driver' course following discussions with HSE and NFU, but this had not been pursued since he left Lantra Awards. Manufacturers and suppliers would also have a part to play in providing 'installation training' and influencing farmers/operators to undertake 'updating training'. This is an integral part of the Equipment Supply Chain project HSE is undertaking with the AEA, BAGMA and others, aiming to influence farmers through the supply chain,

ACTION: Lantra Awards, NFU, HSE and others to consider framework for 'advanced driver/operator' training programmes.

3.2 Agricultural trailer and trailed appliance braking systems – Improving performance

3.2.1 Andy Scarlett reiterated the current and future legal requirements and the implications of the findings and recommendations from his research and outlined at the previous Workshop, using the two display panels he produced and used in a series of seminars he presented on HSE's stand at the LAMMA Show. These display panels explain and illustrate the main points and key components necessary to improve efficiency of braking systems. A technical discussion ensued, eg on load sensing and pneumatic vs hydraulic systems. These issues are covered in the Research Report, available on HSE's website at <http://www.hse.gov.uk/research/rrhtm/rr697.htm> .

3.2.2 These panels will be used by Lantra Awards' instructors at HSE's Safety and Health Awareness Days (SHADs), at some technical shows and other events. They may also be used by other organisations for training or publicity purposes, eg BAGMA and manufacturers, if not being used by HSE.

ACTION: Contact Tony Mitchell or Alan Plom to arrange loan of braking display panels.

3.2.3 This information has been incorporated in the booklet "Look Behind You", produced by a number of tractor manufacturers. Although printed as brand-specific booklets, the text is common. BAGMA provided a few copies for delegates, but further copies are available from tractor main dealers or the AEA.

3.2.4 There is a very compelling economic argument for improving and maintaining trailer brakes, but further publicity is needed to raise awareness of this and to encourage farmers to consider gross weights/tractor combinations and specify suitable brakes when purchasing new trailers. This has been emphasised in a number of articles (including a Farmers Weekly Academy article, at: <http://www.fwi.co.uk/academy/article/119294/trailer-brake-safety.html> . Lantra Awards' instructors also now use a tractor back-end to illustrate the costly damage caused by excessive wear on tractor brakes. The key messages should be broadcast more widely by members.

ACTION: Members to provide examples of costs/benefits and continue to publicise the findings and recommendations of the trailer braking research.

3.3 Brake testing in practice

3.3.1 Keith Christian showed a video and described the brake testing equipment and procedures used by BAGMA, its dealers and some tractor manufacturers. BAGMA have trained 50 technicians at 20 dealerships how to use this kit so far this year, as well as staff from some tractor manufacturers.

3.3.2 BAGMA pointed out that every trailer they had tested had initially failed the current legal Braking Efficiency requirement, although some had been quickly adjusted and complied satisfactorily. Customers have asked for a simple leaflet summarising the key points. It was suggested this 'spec check' could be based on the flyer and panels produced by HSE for LAMMA. This could be produced by BAGMA and hosted on their website, and others could link to it. The NFU also have a direct interest in this.

ACTION: Trailer buyers 'spec check' leaflet to be produced by small working group, to be convened by NFU/BAGMA. Tony Mitchell to provide text of HSE braking 'flyer'/posters.

3.3.3 BAGMA also propose to issue a sticker for trailers to indicate they have been subject to a "Thorough Examination". This will have a unique certificate number, be linked to the trailer serial number and indicate the Test Centre.

3.4 Summary - What next?

3.4.1 Roger Lane-Nott reviewed the discussion and concluded there are 2 main issues:
(i) the inter-relationship between tractors and trailers, and
(ii) design and maintenance of trailer brakes.

3.4.2 There are different target audiences for the training packages and films proposed by Richard Gard and these need to be identified to maximise impact. For example, the general public also need to be educated on the speed differential between cars/motorcycles and farm vehicles, particularly on dual carriageways. Any films should be made widely available through various websites to widen the audience. David White suggested using posters at service stations.

3.4.3 Guidance on journey planning and the further research suggested would also be useful to develop practical 'self-help' guidance, but funding is an issue. As this is not within HSE's remit DfT should be lobbied and ROSPA could be approached for their support. Jamie Smart referred to a recent "superb" TV campaign in Scotland (sponsored by the Scottish Government) raising awareness of hazards on rural roads. This included a sequence from the perspective of a car driver coming across a tractor when rounding a bend. .

3.4.4 A 'Brake Specification Checklist'/'Trailer Buying Guide' is needed -, similar to the "Look Behind You" leaflet printed and provided by the tractor manufacturers. However, many trailer manufacturers are not members of the AEA. Howard Pullen suggested this information should be included in the occasional Farmers Weekly 'Trailer Buyer's Guide'. DfT will need to be consulted.

3.4.5 Marcus Themans called for trailers to be built and sold as 'future proof'. AEA pointed out that they have tried for years to get the trailer manufacturers together but it is only recently that 3 of the major manufacturers are now meeting to discuss standards. The AEA also continue to lobby DfT to update the 1986 Construction and Use Regs to reflect current design and practice, and cater for future developments, ie increasing speed and weight of tractors and the capacity of trailers. This would benefit farmers/users.

3.4.6 It was concluded that an industry-led Working Group should be formed representing manufacturers, dealers, users and relevant regulators to progress the recommendations in 3.4

ACTION: NFU to consider convening Working Group to progress the recommendations.

4. "AGRICULTURE REVISITED"

4.1 HSE's initiative and 'Make The Promise' Campaign - How can you get involved?

4.1.1 Rachel Corbridge ('MTP' Project Manager) described the evolution of the campaign and what had been achieved so far. This had been well-received by farmers and others, and market research indicated that it appears to be creating high levels of recall and having a significant impact. The poignant film developed for the Campaign based on the death of a young farmer (Andrew Pursey) was also shown.

ACTION: MTP presentation and film to be made available

[Secs Note: Rachel's presentation will be made available at <http://www.hse.gov.uk/aboutus/meetings/iacs/aiac/transport/index.htm>. The case study film is also now available at <http://www.hse.gov.uk/agriculture/makethepromise/index.htm> .]

4.1.2 A number of Projects support Agriculture Revisited. The most relevant to this Group is seeking to influence farmers through the Equipment Supply Chain. This 'Kit' project is led by Alan Plom and many at the meeting are members of the Project Steering Group, including AEA, BAGMA, NFU and Lantra Awards. Other workstreams include:

- 'MTP' Publicity Campaign
- Safety & Health Awareness Days (SHADs)
- Promotion of training and VQs
- Refreshed stakeholder activity.

4.1.3 Members are keen to work with HSE to develop and promote the 'Make the Promise' messages and Rachel encouraged members to find new ways to 'spread the word'. A 'Stakeholder Toolkit' containing relevant information and publicity material is being produced to help.

This will be available to organisation that would like to become a 'Promise Partner' and work actively with HSE.

ACTION: Member organisations are encouraged to sign up via the Make the Promise website at: <http://www.hse.gov.uk/agriculture/makethepromise/partners.htm> .

4.1.4 To register via this page the whole application form must be completed before pressing the final button. A password will be forwarded by e-mail shortly afterwards applicants to log onto the 'Promise Partner' page and then access the resources. These include case studies and film clips to download, and details of how to obtain other materials such as 'Promise Knots', badges, leaflets, etc.

4.2 Equipment Supply Chain Project – Progress Report and opportunities to get involved

4.2.1 Alan Plom (Project Manager) outlined the scope of the project and reviewed progress so far, referring to the summary Progress Report issued in advance of the meeting. Key members AEA, BAGMA, NFU and Lantra Awards had formed an initial Steering Group in June 2009 to identify what was needed and what was possible. It is important that members now confirm and commit to deliver the items and outcomes identified in the Project Plan.

ACTION: Members to send comments to Alan Plom to update actions in Progress Report and post on HSE's AIAC/Transport Group website:

<http://www.hse.gov.uk/aboutus/meetings/iacs/aiac/transport/index.htm> .

4.2.2 Key points highlighted in each section of the Project Plan were:

1. 'STAKEHOLDER WORKING'

- Includes identifying new stakeholders, routes and methods to communicate MTP/'Safe Machine' messages, eg at point of sale, etc.

ACTION: All members (AEA and BAGMA in particular re 'point of sale material.)

2. 'SAFE MACHINE' AWARDS

- **Machine Award:** A suitable alternative to the Royal and LAMMA Show being sought through RASE and discussed with AEA as manufacturer support is essential (eg the new national 'Agri-Live' event at Stoneleigh, in December).

ACTION: AEA/HSE to discuss with RASE.

- **'Safe Project'** : This competition (for students) was set up by IAgRE in 2009 and intended to be awarded at their Annual Conference in May 2010, but no suitable entries were received. Better promotion needed in 2010-11, through IAgRE and college contacts.

ACTION: IAgRE and College members to raise awareness of Award.

3. GUIDANCE

- **HSEG89:** HSE's publication "Safe Guarding Agricultural Machinery – Advice for Designers, Manufacturers and Users" has been updated and converted into web-based guidance, in consultation with industry. [Agenda item 5.2 refers.]

- **BAGMA's Vehicle Health Check Scheme booklet:** To be updated by BAGMA but revision delayed due to BAGMA's move of HQ and losing staff, but will be instigated asap.

- **HSE's Guidance on 'Supply of second-hand machinery'** to be reviewed and promoted. Auctioneers bodies [RICS and Livestock Auctioneers Association (LAA)] had been approached and meetings planned, including the leading machinery auctioneers.

4. SUPPORTING MATERIALS

- **Case Studies:** Examples on trailer braking are available from the research report and BAGMA members/customers, but other industry partners have yet to provide examples.

Research may be needed, eg using Focus Groups to find and collate examples. Nb. Case studies have been obtained on design of cattle handling equipment and facilities, following involvement of a leading manufacturer in the AIAC Livestock

Project Group. Members agreed that livestock equipment should continue to be dealt with by the Livestock Group.

- **'Display Materials'**: Generic 'stand alone' display materials would allow wider usage by manufacturers. This could be based on the proposed interactive 'Safe Tractor' home page, but development of this webpage and associated material will depend on funding.

- **Shows**: The list of technical shows to be attended by HSE is now complete although we are waiting for confirmation of the format for several events. 'Safe machine' and trailer braking messages will be promoted, eg using the new trailer braking panels (displaying brake components) produced for the seminars on the stand at LAMMA Show in Jan 2010.

- **Promotion of MTP and 'Safe Machine' messages** - Other opportunities were discussed briefly and will be followed up by HSE (Rachel) with members individually. For example, HSE's trailer braking panels have already been used by BAGMA and a manufacturer (at their Service Manager's Training event). They were also used at the NAAC Contractors SHAD and will be used by Lantra Awards instructors at Farming SHADs from Q1 2010/11.

5. TRAINING

- **BAGMA Dealer Seminars**: BAGMA have not been able to deliver all 3 of their planned events this year due to relocation of their office and staff changes. However, HSE attended 2 regional Dealer meetings to help promote this approach and a joint BAGMA/Machinery Ring event was held on 23 March. 2 other areas have been identified for BAGMA seminars need to but these will be deferred to Q3-4 2010/11 as they can only be delivered at the back end of each year due to pressure of work.

ACTION: BAGMA to arrange dealer seminars.

- **'Professional operator' training** – This is intended to build on current 'installation' training and encourage updating training on specific machines. This supports the NFU's aims to increase and demonstrate 'professionalism' in the industry by providing modular training, in line with the new 'Agri Skills Strategy'. It also overlaps with the Ag Revisited 'Competence & Training' workstream.

ACTION: HSE to follow up with training providers, ie Lantra Awards and Colleges.

- **Demonstrate good practice to farmers**: Other opportunities, eg for suppliers to host SHADs or other events, eg running Lantra Awards demos at Dealer Open Days, etc.

ACTION: BAGMA, AEA and AIC to raise awareness amongst their members and seek volunteers to trial pilot events.

- **Training for College Lecturers**: A Workshop to update machinery lecturers had been requested, but timing was difficult. Means of contacting this potential audience need to be identified. Relevant organisations had been contacted, eg Assoc of Lecturers in Ag Machinery (ALAM) and Landex were invited to this Workshop. HSE will be attending the ALAM Conference at Reaseheath on 19 or 20 July. AEA has also organised an event for Ag Colleges, to be held at Cranfield on 15 July.

ACTION: HSE to attend ALAM meeting and HSE + BAGMA to attend AEA's event for Colleges.

6. SECOND-HAND MACHINERY

- **Auctioneers**: Work initiated early following correspondence from an MP concerning legal responsibilities of auctioneers. RICS and Livestock Auctioneers Assoc (LAA) approached by Sector. Meeting arranged with LAA and a major auctioneer.
- **HSE Guidance**: Sector Information Minute (SIM) to be reviewed and articles produced.
- **HSE Project**: proposed for 2010/11 but awaiting confirmation in FOD workplan.
- **Links with other industry Sectors**: Sector to explore potential overlaps and synergies with HSE Safety Unit and FOD Product Safety Teams, and with Construction Sector.
- **Dealers**: Responsibilities to be highlighted at Dealer Seminars and in publicity through Newsletters, etc. Article already placed in BAGMA Bulletin.

ACTION – HSE to review and publicise guidance and initiate auctioneers project.

4.2.3 LAMMA Show – Howard Pullen (BAGMA) suggested that a larger ‘Seminar’ area should be created at the next LAMMA Show, building on the success of the Trailer Braking seminars presented by Andy Scarlett at the last Show. A series of well-advertised, timetabled lectures could be presented. This could bring together HSE, BAGMA, AEA, Lantra Awards, etc in one area and attendance would be encouraged by providing refreshments and a seating area. Richard Gard suggested funds could be raised for the Air Ambulance.

ACTION: BAGMA, AEA and HSE to discuss stnd and seminars with LAMMA organisers.

ACTION: HSE to contact delegates to discuss what they have in mind and agree what can be achieved.

5. MACHINERY SAFETY

5.1 The Current Picture – Review of latest statistics, information and current issues relating to Transport & Machinery

5.1.1 In line with the extension of the Group’s remit to include all machinery, Tony Mitchell outlined the current position and HSE’s concern regarding the apparent increase in fatalities in 2009-10. However, detailed statistics for machinery-related injuries were not available in time for the meeting. It was agreed that this topic should be deferred until the next Workshop

5.2 New ‘Machine Design’ Webpage

5.2.1 Tony demonstrated HSE’s new web-based guidance, based on HSE’s out-of-print/out-dated publication HSG89 ‘Safe Guarding Agricultural Machinery – Advice for Designers, Manufacturers and Users’. This information has been updated and converted in consultation with industry and is now available via the HSE Agriculture webpages at: <http://www.hse.gov.uk/agriculture/topics/machinery/index.htm> . This provides links to current technical guidance on HSE and other websites, including DBIS info on the Machinery Directive.

ACTION: Members to use and promote new machine design webpage.

5.2.2 Case studies are needed, eg to emphasise the cost of adding guards retrospectively. BAGMA have a cost/benefit analysis for trailer brakes.

ACTION: BAGMA + other members to send case studies to Tony Mitchell.

5.3 Scope of the Group and future work

5.3.1 Alan Plom reiterated that the Group is now expected to consider wider machinery issues, on behalf of the AIAC. It was agreed a further Workshop should be convened as soon as a suitable machinery-related ‘theme’ emerged.

ACTION: Workshop to be convened in next financial year.

6. HEALTH ISSUES

6.1 Noise and Vibration – HSE’s “ Buy Quiet” initiative

6.1.1 Sarah Haynes (HSE Noise and Vibration Specialist) outlined HSE’s new initiative and some examples of what had been achieved. The industry now needs to promote the principles of good design and the benefits of ‘safer machine’ buying policies. HSE will be paying particular attention to the agriculture and amenity machinery sector in view of potentially high exposure levels, and were seeking to work closely with the relevant trade associations.

ACTION: Presentation to be posted on webpage and Members to promote ‘Buy Quiet’.

7. REVIEW OF MEMBERS ACTIVITIES

7.1 International Work (eg CEN/ISO standards, EU, ILO)

7.1.1 **Machinery Standards** – Keith Hawken (AEA) reported that there are some 600 standards relevant to the agriculture, forestry and land-based Sector. The AEA now coordinate the programme of standards for BSI, providing the Secretariat for the various BSI AGE Committees. Current EU and CEN issues include tractor type approvals and developments re ‘fast tractors’; tractor/trailer braking; visibility from telescopic handlers; guarding of bale wrappers; review of standards on seed drills, combines, balers, rotary mowers and crop sprayers and developing a new standard for ATVs. A Directive is proposed that will include ATVs, karts etc. Alan Plom suggested that more representatives from ‘users’ were needed on the BSI Standards committees that oversee the CEN and ISO standards.

ACTION: Volunteers needed to participate in BSI Committees -Contact AEA/Keith Hawken.

7.1.2 Matthew Belsey (Unite) described the EU-wide project he has been involved with looking at obtaining improvements to combine design from the operators’ perspective. His findings will be fed into the review of the CEN Standard.

7.1.4 **Amenity Machinery (Mowers on slopes)** - Brian Rees (Lantra Awards) referred to a number of fatalities involving ride-on mowers when working on slopes. Information provided for purchasers and users is misleading and many operators exceed manufacturers recommended limits. There is no specific guidance currently available. The static tilt test is inadequate to determine safe use (the basis of the test (set in the EN standard) was discussed). Alan acknowledged that there had been fatalities and a considerable number of serious injuries. This was a concern to local authorities too following several HSE prosecutions. This topic will be a main focus in his current review of health and safety issues in the amenity sector.

ACTION: HSE to consider need for guidance on safe operation of ride-on mowers on slopes.

7.1.5 **ILO Guidance** – The International Labour Organisation (ILO) is producing ‘international’ guidance for agriculture. HSE’s Bernardine Cooney had been seconded to the ILO for a few weeks to help develop this and a draft was awaited.

7.1.6 **EU Guide** – The EU are also producing guidance on agricultural safety. Michael Britten confirmed that this EU project originated from the ‘Social Partners’ and the Guide was being drafted by consultants KPMG Cyprus. The draft should be circulated for consultation amongst Member States soon.

ACTION: NFU to circulate link to EU Guide when produced.

7.2 **NFU Transport Guidance**

7.2.1 NFU reported that progress on the proposed guidance on transport legislation had been delayed following changes of responsibility at NFU HQ. Peter Garbutt had recently taken over responsibility for Transport Policy and would be picking up this area of work. They would continue to liaise with DfT, AEA and other bodies.

ACTION: NFU to involve and inform members as necessary.

7.3 **Case Studies**

7.3.1 Alan Plom reiterated the need to collect suitable case studies to feed into the MTP campaign, and to sell the business case for good practice. We need organisations to encourage their members and clients to share information on accidents and near misses, particularly demonstrating economic impact, etc. David Leavesley reported on positive developments in the NFU-Mutual.

ACTION: Members to provide suitable case studies and information to HSE.

7.4 **Publicity**

7.4.1 This year, HSE are attending the Royal Highland and Royal Welsh Shows and several technical events (Cereals, Arb Fair, Saltex and the APF (Forestry) Show) and FOD are supporting a number of other local shows. Alan asked members to share any useful articles on Make The Promise, describing incidents, good practice, etc.

ACTION: Members to copy any articles on MTP or technical issues to HSE.

7.5 **SHADs**

7.5.1 Simon Chiles reported on the successful Transport SHAD for NAAC members at the NAAC’s new HQ office. Approx 70 contractors attended, including members of Machinery Rings. This would be another group to explore.

7.5.2 Graham Munford also referred to the successful ‘Transport’ event IOSH ran with HSE and ORR at Cannock Chase. A series of filmed interviews on the MTP campaign and transport issues are available on the IOSH You Tube website:

<http://www.youtube.com/ioshchannel> and specifically at http://www.youtube.com/watch?v=Cih7Hg2QGPO&feature=player_profilepage .

7.5.3 HSE confirmed a further 24 Safety and Health Awareness Days for farmers, as well as 3 Forestry SHADs and 4 for arb ‘clients’ were planned for 2010/11. HSE is keen to find other ways and locations to deliver these, eg at dealers depots, etc.

ACTION: Members to suggest possible venues + organisations to support and deliver SHADs

7.6 Training

7.6.1 Members agreed that the 'Professional Operator' training, eg for tractor drivers discussed previously should be pursued with Lantra Awards.

ACTION: NFU, Lantra Awards, BAGMA, AEA, etc to discuss developing suitable course(s).

8. REVIEW/FEEDBACK

8.1 The actions will be confirmed in the notes of the meeting and posted on the AIAC website. Members will be contacted by HSE meanwhile to discuss and confirm their individual commitments to MTP and the Equipment Supply Chain Project and identify any issues to report to the AIAC.

ACTION: HSE to contact members to confirm commitments.

8.2 It was agreed that this AIAC Project Group and its occasional 'themed' Workshops performed a worthwhile function, creating a unique opportunity for the wide range of interested organisations to be informed of emerging issues and to discuss issues of concern within the industry. The next Workshop should be convened when a suitable topic emerges for a focused meeting, preferably within the year. Meanwhile members will keep in touch directly and with HSE.

ACTION: HSE to convene Workshop in next financial year, when suitable theme emerges – Members to suggest topics to HSE.

ALAN PLOM

Head of Safety Section, HSE Agriculture & Food Sector

**SUMMARY OF ACTIONS FROM AIAC TRANSPORT & MACHINERY GROUP
6th WORKSHOP – 29 MARCH 2009**

2.2	Notes of Transport Workshops Dec 2008 and March 2009 to be posted on the AIAC Transport (& Machinery) Group webpage: http://www.hse.gov.uk/aboutus/meetings/iacs/aiac/transport/index.htm	HSE
3.1.3	TRL Research Report – Review and publicise the case studies and findings.	Members
3.1.5	Case studies and contacts to be sent to HSE. Circulate case study template - also available on AIAC website at http://www.hse.gov.uk/aboutus/meetings/iacs/aiac/livestock/260609/casestudytemplate.pdf .	Members + HSE
3.1.7	Transport research – Consider how to progress the issues identified for tractors and trailers, eg through further research and information.	Members
3.1.8	Operator training – Consider framework for ‘advanced driver/operator’ training programmes.	Lantra Awards, NFU, HSE and others
3.2.2	Trailer braking display panels – Contact HSE (Tony Mitchell or Alan Plom) to arrange loan for events, etc.	Members
3.2.4	Trailer braking case studies – Examples of costs/benefits needed and members to publicise the findings and recommendations of the research. Send case studies and contacts to HSE – see 3.1.5 for template.	Members
3.3.2	Trailer buyers ‘spec check’ – Leaflet to be produced by small working group, to be convened by NFU/BAGMA. Tony Mitchell to provide text of HSE braking ‘flyer’/posters.	NFU & BAGMA. HSE
3.4.6	Working Group to progress the recommendations for guidance, etc) – NFU to consider convening Working Group involving manufacturers, dealers, users and relevant regulators.	NFU + Members
4.1.1	Make The Promise – Presentation and film to be made available [Secs Note: Rachel’s presentation will be made available at http://www.hse.gov.uk/aboutus/meetings/iacs/aiac/transport/index.htm . The MTP case study films are available at http://www.hse.gov.uk/agriculture/makethepromise/index.htm .]	HSE + Members
4.1.3	Make The Promise – Organisations encouraged to sign up via website: http://www.hse.gov.uk/agriculture/makethepromise/partners.htm .	Members
4.2.1	Equipment Supply Chain Project – Send any comments on Progress Report to Alan Plom to update actions + to be posted on Transport Group website: http://www.hse.gov.uk/aboutus/meetings/iacs/aiac/transport/index.htm .	Progress Report
4.2.2 (1)	Project Plan: 1. Stakeholder Working All members to suggest new stakeholders, routes and methods to communicate MTP/‘Safe Machine’ messages, eg at point of sale, etc. (AEA and BAGMA in particular re ‘point of sale material.’)	AEA & BAGMA + other Members
4.2.2 (2)	Project Plan: 2. Safety Awards RASE ‘Safe Machine’ Award – future of scheme to be discussed with RASE.	AEA + HSE

4.2. 2 (3)	IAgrE 'Safe Project' Award for students – Need to raise awareness of this Award for students.	IagrE & Colleges
4.2. 2 (4)	Project Plan: 5. Training Dealer seminars – BAGMA to arrange.	BAGMA

4.2. 2 (5)	Professional Operator Training – To be discussed with training providers, ie Lantra Awards and Colleges.	HSE + Lantra Awards
4.2. 2 (6)	Demonstrate good practice through SHADs, etc - Organisations to raise awareness amongst their members and seek volunteers to host and trial pilot events.	BAGMA, AEA, AIC + others
4.2. 2 (7)	Training for College Lecturers - HSE to attend ALAM meeting + HSE and BAGMA to attend AEA's event for Colleges at Cranfield University.	AEA, BAGMA, HSE
4.2. 2 (8)	Project Plan: 6. Second-hand Machinery To review and publicise HSE guidance and initiate auctioneers project.	HSE
4.2. 3	LAMMA Show - Discuss arrangements for joint stand and running braking seminars with LAMMA organisers.	BAGMA, AEA and HSE
5.2. 1	Machine Design Guidance - Promote and use HSE's new guidance available at: http://www.hse.gov.uk/agriculture/topics/machinery/index.htm .	Members
5.2. 2	Case studies – Send examples emphasising cost of retrospective guarding to HSE (eg. BAGMA have a cost/benefit analysis for trailer brakes).	BAGMA + other members
5.3. 1	'Machinery' Workshop - To be convened in next financial year, when suitable theme emerges – Topics to be suggested to HSE.	HSE + Members
6.1. 1	Health Issues – Noise & Vibration: HSE presentation to be posted on AIAC Transport & Machinery Group webpage and Members to promote 'Buy Quiet' initiative.	HSE + Members
7.1. 1	Machinery Standards - Volunteers needed to participate in BSI Committees -Contact AEA/Keith Hawken.	Members
7.1. 4	Amenity Machinery (Mowing on slopes) - HSE to consider need for guidance on safe operation of ride-on mowers on slopes.	HSE + Members
7.1. 6	EU Guidance - NFU to circulate link when produced.	NFU
7.2. 1	NFU Transport Guidance - NFU to involve and inform members as necessary.	NFU
7.3	MTP Case Studies – Send examples and contacts to HSE (See 3.1.5 + 4.1.1)	Members
7.4. 1	MTP Publicity - Copy any articles on MTP or technical issues to HSE.	Members
7.5. 3	SHADs - Venues + organisations needed to support and deliver SHADs.	Members
7.6. 1	Training - NFU, Lantra Awards, BAGMA, AEA, etc to discuss developing suitable 'professional/advanced operator' course(s).	Members
8.1	Commitments - HSE to contact members to confirm commitments to MTP and Equipment Supply Chain Project.	HSE + Members
8.3	Next Workshop - To be convened in next financial year, when suitable theme emerges – Topics to be suggested to HSE.	HSE + Members

**Head of Safety Section
HSE Agriculture & Food Sector**