

Minutes

EAGOSH Seminar in Seeheim/Germany
07./08.. May 2002

Presiding: Willy Pfister, Director Corporate Safety, SR Technics, ZRH
General Chairman EAGOSH

14:00 The chairman welcomed about 35 attendees from all over Europe and Australia. Emergency exits were identified and shown, followed by an advice of housekeeping matters and self introduction by all participants.

14:15 Liz Doyle-Fleming from Ireland took over in order to preside and moderate the following seminar.

14:20	Cognition of Danger- A Core Concept for Organizational Safety Prof. Dr. Hans-Peter Musahl	musahl@uni-duisburg.de
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Professor Muhsal presented in a very humorously and competent way, the relations of behavior, danger and the psychological effects of behavior in dangerous situations. The “red line” through this very interesting presentation was that mankind prefers in all critical situations the simple solutions. The main reason for a certain behavior in dangerous situations are the unrecognized accidents and near misses. Typical behavior is that we do not enjoy mistakes and failures in general but are enjoying uncoverage of subject. His conclusion is that uncoverage of unrecognized accidents should rather be rewarded instead of being punished.

15:15	Risk due to EMI Dr. Christian Felten, BFG	cfelten@bfg.de
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Dr. Felten conducted a very interesting presentation dealing with all kind of radiation producing sources with different frequencies, also about electromagnetic fields which are considered by the public as very harmful this especially within the field of mobile/cell telephony. Details are available on the EAGOSH home page.

16:30	Vector Born Diseases Dr. Joerg Hedtmann, BGF	jhedtmann@bfg.de
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This topic has been added to the agenda due to a world wide problem of infectious diseases, widely spread due to easy worldwide traveling and specific “travel behaviours”. The term “vector” was explained as **active**

carrier such as wind, personal contact and insects. The human being itself is the host of the micro organisms. Influencing factors: Climate (warm, cold, wet, dry). The different diseases known are: viral diseases, bacterial diseases, parasitic diseases. A new term is the so called Airport or Baggage Malaria. The Anopheles fly can be transported inside the travel luggage from airport to airport and the surviving insect may have an activity range of approximately up to 8 km. More details on the EAGOSH home page.

17:00	Managing Stress Barbara J. Dahill	barbara.dahill@marsh.com
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Barabara's presentation dealt with the "management" of stress, with emphasis on stresses within a big insurance group. Nevertheless will the technique how to handle stress situations be transferable to other working environments such as the aviation industry with its various number of different occupations. For details please refer to the EAGOSH home page.

17:30	Swap Shop Presentations and items will not be recorded !
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In this session, cases have been discussed such as accidents, incidents and other safety related matters. Subject information will NOT be recorded.

18:30	Information from Affiliated Members
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Affiliated members s.a. equipment manufacturers etc had the chance to introduce themselves and their occupation including their products, but this was not considered to be a sales event. It has been agreed on, that this topic will be part of all future meetings in order to ease new membership.

Ulrich Fleischer, bOCO introduced Markus Eder from GORE. Both gentlemen are now members of a large group of occupational clothes manufacturers and distributors. A few of their new products for the aviation industry and airport workers were demonstrated on so called "fashion puppets".

Day 2

Wednesday, 08.05.02

08:30	Chairman's Welcome and General Assembly
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Willy Pfister welcomed new attendees and thanked the sponsors. On the

General Assembly he started the required reelection of Dieter Pietsch as the Vice Chairman until 31.12.2005. Majority agreed. Juergen von Hoff informed the audience about his retirement in February 2002 and also as the EAGOSH CEN representative. It was suggested to elect Wolfgang Laske to be the new CEN Representative as he is now the chairman of the TC 274. Majority agreed. Willy Pfister then presented the entire development of EAGOSH, Treasurer's report was submitted and the Business Procedure presented and discussed. Publications of EAGOSH and partner organisations were introduced.

A.G.S.C. Aviation Ground Safety Council of UK. Len Sullivan, the chairman introduced the group and their objectives.

ARTEX: Willy Pfister reported about the last meeting/seminar in Phoenix, AZ USA in February and introduced the summer meeting in Wiesbaden, June 10-12, 2002.

IATA: Willy Pfister reported about the last meeting in Montreal and explained a published list with all topics discussed and some already made available to the Aviation Industry.

09:30	Juergen von Hoff presiding the Wednesday Seminar
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Juergen introduced Mr. Wolfgang Grass of MORAVIA, who explained the design advantages of safety cones with weighted bases and a special retro reflective film material which identifies the cone as a cone and not a post. The 750 mm high cone is the one to be recommended for use on airports due to the better visibility and higher wind stability due to an additional heavy base plate/s. Mr. Grass had a sample cone to demonstrate especially the stability, which impressed the audience.

10:45	Study on Climatic Stress for Aircraft Tug Drivers on the Apron Dr. Stefanie Wagner, Lufthansa Medical Dept. Frankfurt frapmsek@dlh.de
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Dr. Wagner presented first results of the LH Medical Department's study on stress factors for aircraft tow tug drivers. The major problem is the relatively high temperature inside the closed driver cabin during the summer months. The medical examinations included parameters about pulse frequency, blood pressure, body temperature changes, and possible changes of body weight. During longer shifts, dehydration was compensated by additional drinking. Final results of this first part of the study are:

- Body temperature increases by approx. 1 degree C;

- Increase of mistakes/errors plus extended reaction times which both are leading to an increased possibility of accidents during aircraft towing and push back processes.

Conclusion: Air conditioning for subject tow tugs is required.

11:30	Ramp Snake (Baggage Handling Machine) Paul Pierroff pp@rampsnake.com
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Paul's Power Point and Video presentation introduced a new piece of airport ground service equipment, based on the well known belt conveyor. In this particular case there is a "snake like" addition to be extended at the forward end of the belt track. This extension is flexible and to be moved easily into the cargo compartments of narrow body aircraft. The loader inside the "belly" does not have to lift heavy baggage in a very unergonomical position of his body anymore, thereby preventing back injuries and other stresses. The bags are transported over individually driven transport units which are arranged in a flexible snakelike row. A video demonstrated the advantages very clearly. This presentation will also be conducted during the ARTEX meeting on 12. June in Wiesbaden/Germany. The original presentation is available from the EAGOSH home page.

12:15	Baggage Handling by Robots Guenther Nagel and Martin Koini ABB guenther.g.nagel@de.abb.com
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As a contrast, baggage handling in the bag "make up" rooms, such as off-loading from containers or carts and transfer into distribution units or onto belt systems by robots was demonstrated by a video and the technical competent explanation by Mr. Martin Koini and Guenther Nagel. The robot is a hydraulic driven and operated unit designed and constructed of many joints which able to turn around 360 degrees. It is controlled and driven through three different computer systems and also requires some specific construction inside a building. It is a tool to help off- and onload high numbers of baggage and other freight in a relatively short time and to prevent back injuries to personnel by eliminating work places for human beings. Subject system is in test in Zurich/Switzerland. The original presentation is available on the EAGOSH home page.

The chairman Willy Pfister thanked all attendees in particular the two persons, who made the trip from Australia, guests and partners who sponsored the evening event and emphasized the dates for the coming meeting in Seeheim, November 20./21. 2002.

Meeting was adjourned at 13:30

Respectfully submitted by

Dieter Pietsch
Vice Chairman and Secretary
H.D.P. Safety Services
Wiesbaden / Germany