



14th International Veterinary Biosafety Workgroup

National Centers for Animal Health
Copenhagen/Lindholm, Denmark
May 16 – 19, 2011

May 16& 17 (am), 2011 – Duty Holder Meeting (closed session)

Please submit subjects that need to be discussed during this morning to: MKS@SSI.DK

11.00 to 12.30 Registration (due to limited capacity please ensure that you pre-register via the website www.ivbw.camp9.org)

Containment Operational Challenges (Chair: Vibeke Halkjær-Knudsen)

12.30 The participants have an opportunity to present (max. 10 min/3-4 slides) and share challenges in their daily work as for example annual pipe failures, pipe decontamination methods, biological validation of decontaminations, HEPA floor failure types, testing of plumbing vent filters, containment zone reversals of air pressures (directional airflow), surface failure frequencies, impact on inclement weather on containment boundaries, security breaches (intentional/accidental) etc. etc.

14.00 Presentation of results of survey regarding “containment operational challenges”
Must be sent to the participants by e-mail at the beginning of 2011 (Presenter: Paul Langevin)

Emerging standards and guidelines (Chair: Vibeke Halkjær-Knudsen)

14.30 Presentation on the new *draft standard* ANSI Z.9.14 which is looking at BSL3 performance testing expectations and methodologies (Presenter: Paul Langevin)

15.00 Australian standards guidelines for aquatic containment facilities. (Presenter: Neil Walsh)

15.30 Update on CWA 15793, CEN WS 53 & 55 (Presenter – any volunteers?)

16.00 *Open timeslot for late suggested talks*

17.00 Reception (looking for a sponsor, approx. price DKK 4,900 or EUR 660 at 70 participants, price DKK 3,500 or EUR 570 at 50 participants)

May 18, 2011 – Lecture Room at Statens Serum Institut (SSI)

New members are invited to present themselves and their institutions and challenges (Chair: Kirsten Tjørnehøj)

08.30 Presentation of the new BSL2/BSL3 facility in Belgium. Discussion and sharing of experiences of certain biosafety matters and legislations during the design and building phase (Presenter: Karen von der Meulen)

8.50 Update from the Friederich Loeffler Institute (Jens P. Teifke)

9.10 ?

Decontamination (Chair: Kirsten Tjørnehøj)

09.30 Opening: “The Lindholm perspective, challenges and frustrations“
(Presenter: Kirsten Tjørnehøj)

09.45 Validation of formaldehyde and possible replacements (highlights from Leyden, January)
(Presenter: Someone who attended the meeting – **any volunteers?**)

10.10 Products VHP, formaldehyde, chlorine dioxide, pros and cons, what are people using?
Are there any new validation data? Product impact: corrosion, residue, material compatibility data etc. (presentation or facilitator/discussion - **Allan Bennet has volunteered**)

10.30 Real life experiences: VHP decontamination of filter boxes, recent results and lessons learned from SSI (Presenter: Vibeke Halkjær)

11.00 Discussion: Room decontamination, what are being done at the different facilities
(Facilitator: Kirsten Tjørnehøj)

- Between studies?
- Before maintenance?
- Asbestos (Maria@uga.edu, Karen Floyd)

and what *should* be done??

11.30 Discussion: Decommissioning of facilities, what are the strategies used in different countries,
(Facilitator: **Any volunteers?**)

12.00 Efficacy of showering on removing microbes from suits (Presenter: Allan Bennet)

12.30 Lunch (looking for a sponsor, approx. DKK 4,900 or EUR 660 at 70 participants, price DKK 3,500 or EUR 570 at 50 participants)

Topics for discussions, suggested and considered relevant by dutyholders (Chair: Vibeke Halkjær-Knudsen)

- 13.30 Are all risks real – or may some be imagined? Which options do you have?
Is a quantitative risk analysis acceptable? (Presenter: - any volunteers?)
- 14.00 The new Biosafety RAM software tool developed by Sandia National Laboratories – is it useful?
How can we use it for best outcome? (Presenter & facilitator during discussion: Vibeke Halkjær)
- 14.30 Discussion on how to handle influenza viruses – human, avian and swine – in diagnostics and animal experiments; what does it take to obtain adequate safety with each of these viruses?
What are the relevant criteria? (Facilitator: - any volunteers?)
- 15.00 Discussion about handling practices and management of agriculture animals in biocontainment
(Facilitator: - any volunteers?)
- Bedding in animal facilities (?) – alternatives?
 - Impact on safety and risks (wash down vs. bedding practices)
- 15.30 Large animal facilities: +/- bedding?
Issues to keep in mind when you make plans/change procedures! Recent lessons learned from Pirbright (Presenter: Uwe Müller-Doblies)

Applied Biosafety – open discussion (Facilitator: Vibeke Halkjær)

- Research needed to make informed decisions?
 - ♦ How can it be accomplished? Can existing facilities be used to gather data? Are we interested in doing this and sharing the results?
 - ♦ Verification tests? What tests have been done? What results were obtained? What were the problems?
 - ♦ Share data – publication - OIE?
 - ♦ What testing *should* to be done? How do we accomplish it?
 - ♦ Tasks to be done before next IVBWG meeting? By whom?
- 16.00 Tour of the new small animal facility at Statens Serum Institut (SSI) in Copenhagen
Short presentation & demonstration of tight penetration solutions, Arcoplast wall system etc
(Presenter: Vibeke Halkjær) followed by site visit. (Guide: Jens Kobæk Søndergård)
- 19.00 Conference dinner
(looking for a sponsor, approx DKK 84,000 or EUR 11,300 at 70 participants, DKK 60.000 or Eur 8.000 at 50 participants)

If a sponsor (or sponsors) can be found to cover the costs mentioned above, we, the organizers, plan to take the participants on a fantastic dinner cruise through the canals and harbor of Copenhagen. The price includes booking of a separate room onboard the ship, a welcome drink, a three course meal, ad libitum wines (red and white) during dinner and free bar for a period of two hours after dinner which means that there will be plenty of time to network after dinner. It also includes a glass of desert wine and tea and coffee after dinner, including the ship's brand of cognac and bailey and homemade petit four. At the end of the cruise a midnight snack is served. Further information about the restaurant ship SagaQueen can be found here:

<http://www.sagaqueen.dk/corporate/party-package?lang=en>

May 19, 2011 – Lecture Room at Statens Serum Institut (SSI)

Emerging Countries, Engineering Controls Versus SOPs

- 08.30 Goodmorning, follow up on the previous days (Facilitator: Vibeke Halkjær-Knudsen)
- 08.40 Supporting safe animal biosafety containment principles for those that cannot afford to build an expensive high containment facility such as BSL3-Ag. Facilities built for fit for purpose? Endemic countries ? (Presenter: Rob Heckert)
- 09.00 Continuous flow chemical EDS system *without* computers for Developing countries (Presenter: Joe Wilson)
- 09.20 Other presentations with relevance for emerging countries welcome
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Waste

- 10.00 Waste in general, rules and regulations, how to get rid of the decontaminated waste afterwards (Presenter: - any volunteers?)
- 10.30 Alkaline hydrolysis, new information concerning digester design, process and Prions (Presenter: Gary Smith)
- 10.50 Digester technology for limited high facilities. (Presenter: Joe Wilson)
- 11.00 Sandwiches (looking for a sponsor, approx. price DKK 4.000 or EUR 600 at 50 participants)

What's Next? (Chair: Robert Heckert)

- 11.30 Summary of the 2010 meeting, conclusions
- Announcement of next IVBWG meeting (where and when)
 - Closing remarks (Uwe Müller-Doblies)

14.00 – 16.00 Surprise Event (hopefully)

End around 16.00