



18 September 2001

STANDING COMMITTEE ON FARM MANAGEMENT

Meeting at Tänikon (CH)

Tuesday, 12 June 2001, 09.00 – 17.00

Draft Revised Minutes

By D Reinemann (US) and J Seifert (IDF)

PRESENT :

Members : T Alfnes (NO), P Billon (FR), H Francke (DE), L Jepsen (DK), L Innings (SE), K de Koning (NL), O Lind (SE), E Manninen (FI), G Mein (AU), D Nosal (CH), D Ordolff (DE), C Poupoulis (GR), MD Rasmussen (DK), D Reinemann (US), F Sangiori (IT)

By invitation: J Baines (GB), M Bjerring (DK), B Ipema (NL), P Justensen (DK), O Rønningen (NO), L Innings (SE)

Also attended: J Seifert (IDF)

Apologies: AK Schaap (NL), G Verkerk (NZ)

1. Welcome, apologies, adoption of agenda

On behalf of IDF, J Seifert welcomed the participants to the meeting and introduced Dr. Michael Gysi, Vice Director of the Swiss Federal Research Center in Tänikon. Dr. Gysi welcomed the participants on behalf of the hosting institute and gave an overview of activities.

MD Rasmussen opened the business part of the meeting. Apologies were noted. The agenda was adopted. It was agreed that the minutes would be prepared jointly by J Seifert of the IDF Secretariat (formal decisions) and by the Deputy Chair, D Reinemann (scientific technical discussions on various issues, in particular under agenda item 5).

2. Confirmation of minutes from the SC FM meeting in Brussels on 25 January 2001

The revised draft minutes as circulated on were adopted without modification. All identified actions were completed in time. J Seifert reported that the IDF Secretariat has contacted the Belgian National Committee of IDF with regard to a proposed conference for the World Dairy Summit 2003 on “100 years with liners and pulsation” but no response has been received so far.

3. Membership update

The latest up-date of the membership list was circulated. Participants reviewed the membership list and indicated changes to their address data record.

4. Matter not on the agenda

T Alfnes requested clarification with regard to the Internet publication of the list of instruments for mechanical tests. An answer was needed from IDF in order to determine whether the new up-date should be printed or not.

Ⓟ Action: J Seifert, clarify with IDF Director General, report back to SCFM with the revised draft minutes, Deadline: End of July 2001

Response: A lot of progress has meanwhile been made with regard to the establishment of an IDF Intranet which is supposed to be the right place for this kind of information. A first presentation on Intranet function and structure will be given at the IDF World Dairy Summit 2001 in Auckland (NZ). If the implementation can be completed within the outlined time schedule then documents can be posted as from February 2002 on meaning that the list could be made available by the time of the next meeting.

J Seifert informed the participants that the IDF Intranet project has failed and negotiations are taking place to release IDF from the contract with the consultant. A new project is under preparation envisaging a simplified Intranet structure. It may be available at the time of the next IDF World Dairy Summit.

5. Programme of Work

MD Rasmussen opened this session by emphasizing that there is no required format of progress reports or of written reports before the meeting. However, if reports are available they can be circulated to the SCFM before the meeting. Often AT's have meetings just before the SCFM and can not provide a written report beforehand.

5.1 Vacuum measurement during milking: MD Rasmussen (DK)

MD Rasmussen (DK) reported that a paper on instrument requirements for measuring vacuum in milking machines has been accepted for publication in the Transactions of the ASAE. The results of this paper and several other related studies will be combined to form a draft IDF bulletin. The target date for this draft is September 2001.

Ⓟ Action: J Seifert, inform the PCC, Deadline: End of June 2001

5.2 Performance during milking: MD Rasmussen (DK)

Several papers relating to this topic will be presented at the AABP/NMC mastitis meeting in Vancouver, BC, Canada in September 2001. These papers make up part of the IDF bulletin. An outline has been prepared identifying other performance measures that will be developed for the document. The target date for a draft bulletin is November 2001. F Sangiorgi recommended that the working of this group would be of interest to the action unit on continuous monitoring of milking machines. It was decided that Action Team by O. Ronningen is given the opportunity to review the papers.

5.3 Small Ruminants: P Billon (FR)

P Billon (FR) reported on the conclusions of the workshop held in Paris in March 2001. A report on Quantitative Requirements for Milking Machines Installations for Small Ruminants had been circulated for endorsement prior to publication by IDF. G Mein requested to replace the «shall » by «should » since IDF may not have the authority to establish a standard and the document should be viewed as advisory. This was supported by the Chairman. Some members suggested to publish this as an ISO standard whereas others did not agree. It was agreed to change the title of the document to « Quantitative recommendations for Milking Machines Installations for Small Ruminants ». An official statement was requested from the IDF PCC as to the status of the document and that the preface of the article should clearly state this position (document is merely a recommendation and not a mandatory standard). MD Rasmussen will produce an outline of a preface.

The work has been completed and the AT closed.

Ⓟ Action: J Seifert, inform the PCC, Deadline: End of June 2001

5.4 Cluster assembly requirements (ISO Clause 16): P Billon (FR)

P Billon reported that the action team had reached consensus on a revision for Clause 16. It was agreed to change the title to “Guidelines for test of flow capacity of the milking unit”. The foreword should include a statement that this document consists of guidelines and recommendations that may be considered for the next revision of the ISO standard. After some discussion the committee accepted the recommendations and was disbanded with appropriate celebration and commemoration.

The work has been completed and the AT closed.

Ⓟ Action: J Seifert, inform the PCC, Deadline: End of June 2001

5.5 Cleaning of Milking Machines: D Reinemann (US)

D. Reinemann reported that the action team has produced a paper that was presented at the Pacific Dairy congress in Nagano Japan in 2000. This paper will be circulated to the committee members. A draft of an IDF publication will be prepared with a target date of October 2001.

5.6 Instruments for mechanical tests: T Alfnes (NO)

Membership of the AT: The name of D Nosal should be added.

T Alfnes reported that the action team has invited vacuum gauge manufactures to have their instruments tested. The testing is done under the direction of E Manninen.

O Ronningen has collected field data on the performance of over 750 milklines in Norway. More than 50% of the farms tested had a section with negative slope. It was suggested that a specification should be added to ISO concerning the interval of pipe over which the slope should be measured (1m or 5m). Mein suggested a study of the correlation between bulk milk cell count and cleaning problems and the milcline slopes on Norwegian farms would be useful.

It was agreed to offer the results of the work on leveling milk line in form of a brief article in the IDF Newsbrief and to close the subject within the Action Team.

A new Action Team on the subject “Calibration of measuring instruments” was proposed. **Action Team leader: L Innings (SE)**, other members: **P Billon (FR), T Alfnes (NO)**. It was agreed that this was part of the work item on Instruments for mechanical tests and that there should be no need to go through the formal procedure of IDF adoption of a new work item.

Ⓟ Action: L Innings, present outline of the work including objectives and target date to the next meeting of SCFM, Deadline: to be determined

The instrument bulletin is being updated and maintained on the TINE homepage in NO. It will be linked to the IDF homepage as soon as the IDF page is functional.

The action team recommended that the question of vibration (see paragraph 8) in milking installations needs more study before any conclusions can be drawn.

An ISO questionnaire on revision of ISO standards has been circulated with a deadline for voting of 30 June 2001. It was agreed to discuss details under agenda item 6.

5.7 Teat Size and breeding goals: MD Rasmussen (DK)

MD Rasmussen reported that he did not receive any help from others in this topic and did not fulfil the job himself either. The recommendation that the action team be closed elicited

thunderous applause. It was agreed to ask the PCC to confirm deletion from the IDF Programme of Work owing lack of activity.

P Action: J Seifert, consult with PCC, Deadline: End of June 2001

5.8 Evolution in Automatic Milking, milk quality, animal health, farm management: O Lind (SE)

O Lind reported on the outcome of an EU meeting on the revision of the EU Hygiene Directive that took place on 29 May 2001. The majority of EU member states have rejected the present draft. A conclusion from that meeting was that the usage of automatic milking systems should not be allowed owing to the fact that visual inspection of milk was a mandatory requirement. It was however very clear that the use and further development of AMS will continue in many countries.

No activity was recorded with regard to AT member L Degano (IT).

The following membership of the Action Team was confirmed: O Lind (SE) – AT leader, K de Koning (NL), MD Rasmussen (DK), D Reinemann (US), TT Motram (GB), AH Ipema (NL). Additionally, H Hogeveen and E Hillerton from the SC on Animal Health participate in the work.

The following time schedule for the preparation of an article in the Bulletin of IDF was endorsed:

- April 2001: Outline of paper/work
- August 2002: Preliminary draft paper
- Nov. 2002: Final draft
- Nov. 2002: Submission of paper for publication by IDF

5.9 Cluster Removers: Test for determination of switch point and delay time: K de Koning (NL)

K de Koning reported that there has been some work done in this topic in France, Netherlands, and Finland. The objective of the work is to develop methods for assessing cluster remover performance that is simple enough to be used in the field. The question on the level of accuracy required is under discussion. Ideas from any committee members are welcome. A discussion paper for the standing committee will be prepared with a target date of Feb 2003 for completion of this work

5.10 Further study of transgenic mammals: P Martin (FR)

It was noted that there was no activity with regard to this work item. The IDF Secretariat had contacted the responsible expert several times but no response was received. It was agreed to suggest deletion of this work item due to lack of activity ever since the Standing Committee on Farm management came into existence.

It was felt that if political pressure would demand IDF action a Task Force could be set up to deal with this issue.

P Action: J Seifert, consult seek approval of the PCC for removal owing lack of activity, Deadline: End of June 2001

5.11 Interaction of different feeds on milk composition: PM Toppino (IT)

The work has been completed with the finalization of the article for publication by IDF. The SC applauded the responsible Action Team leader, PM Toppino (in absentee).

P Action: J Seifert, inform PCC, Deadline: End of June 2001

5.12 Continuous Monitoring Of Milking Machines During Milking: O. Ronningen (NO)

O. Ronningen (NO) reported from the last meeting of the AT. It was proposed to change the name of the work item to “**Continuous monitoring of machine milking**”. A list of items to be monitored has been prepared. A revised draft will be circulated soon to all members of the SCFM.

Furthermore, the target date of November 2002 was confirmed and an editing group consisting of L Innings (SE), K de Koning (NL), D Ordolff (DE), C Poupoulis (GR) and O Ronningen (NO) was appointed to review the draft document to be prepared.

P Action: J Seifert, inform PCC, Deadline: End of June 2001

5.13 Good Manufacturing Practises for Milk Harvesting: L. Jepsen (DK)

L Jepsen introduced the written report on this subject. The Chair emphasized that an IDF Task Force on Good Farming Practices was under formation and that reference to EU matters should be excluded from the paper. It was recognized that the work done so far was very important and that it should be published by IDF after reviewing it by the future IDF Task Force.

The Action Team will be maintained to continue this work within the SCFM until the possible future Task Force will take over. It was agreed that the responsible AT leader L Jepsen should develop this paper further in consultation with C Heggum (DK).

5.14 Payment systems for ex-farm milk M Beauséjour (CA)

A questionnaire has been circulated to IDF National Committees with a deadline of 31 July 2001. It was proposed to prepare annual up-dates to be published on the IDF Web-site / IDF Intranet.

P Action: J Seifert, refer to PCC for consideration, Deadline: End of June 2001

5.15 Dairy Farming Production Costs

The results of the NWI proposal 01/8 were reviewed. The work item has been endorsed. It was agreed to approach the proposed experts in order to identify an Action Team leader.

P Action: J Seifert, contact E Leloup (BE), H Mc Dowell (US), D Gilbert (CA) etc., Deadline: End of July 2001

Proposal for New Work Items

D Reinemann suggested a new work item on “**Milking characteristics of exotic animals**” (tentative title, the intention is to include animals other than high producing northern European dairybreeds such as Zebu cattle, water buffalo, reindeer, camels, etc.). It was noted that such work should be of interest to Emerging Dairy Nations and their involvement should sought. F Sangiori questioned the scope of the work and pointed out that the work should not aim at setting up recommendations for less strict international standards. It was agreed to seek the view and input of the PCC member responsible for Emerging Dairy Nations, Dr. Amrita Patel, prior to the preparation of a formal proposal for the adoption of a New Work Item. A description of the project will be circulated to the committee with a call for members.

P Action: D Reinemann, J Seifert, consult with A Patel, prepare information required for form sheet of evaluation and adoption of a New Work Item, Deadline: End of July 2001

6. Revision of ISO Standards for milking machines

O Lind reported from his recent consultation with R Thesslin (ISO). A proposal for setting up ISO-standards for Automatic Milking Systems (AMS) had full support from the SCFM and ISO-member countries were encouraged to vote in favour of a the standards. Economical support from AMS companies has been promised. The workshop on 13 June 2001 was the first brainstorm meeting to give guidelines for the coming ISO-work.

The current ISO-standards concerning machine milking is up for consideration (member countries should decide to delete, revise, or confirm the standards). T Alfnes proposed new work on “**Monitoring ISO work on revisio n of standards**”, with the following subjects proposed by the action team on Instruments for mechanical tests:

- Coordinate/co-operate the revision work between IDF and ISO
- Initiate revision proposals in detail
- Organize the revision work within IDF SCFM.

It was agreed to wait with the establishment of an Action Team until the next meeting of SCFM. In meanwhile P Billon will be the contact person concerning ISO revision. The names of L Innings (SE) – Action Team leader, T Alfnes (NO), P Billon (FR), P Justensen (DK), G Mein (AU) were mentioned as potential members of a related Action Team.

Advice was requested from the IDF Director General with regard to the completion of the ISO ballot form on the need for revision of ISO standard. T Alfnes had collected a list of suggestions for revision of the current ISO-standards and the SCFM recommended that the standards should be revised. It was agreed that T Alfnes would provide a filled in ISO form sheet to J Seifert of the IDF Secretariat and attach the list of suggestions.

P Action: T Alfnes, submit information to J Seifert, Deadline: 13 June 2001

7. Approval of documents for publication

It was requested to publish the two finalized paper on:

Cluster assembly requirements (ISO Clause 16)

Quantitative recommendations for Milking Machines Installations for Small Ruminants

Together in one edition of the IDF Bulletin (likely no. 368).

P Action: J Seifert, Deadline: 13 June 2001

8. Research work, surveys and testing results

D Nosal presented on the 11th of June measurements on vibration of stationary equipment in milking parlours and found that the frequency and magnitude of vibration was higher than acceptable values for humans. Levels of uncomfotability to cows is not known. The measurements and development of measuring equipment will continue. E Bilgery supplied the presentation by a guided farm tour.

De Koning refers to the research of F. Neijenhuis on teat end condition in the Netherlands and a copy of a plastified sheet with the teat end classification system is distributed to the members of the SC. More copies and reprints of the article in JDS is available at the author F. Neijenhuis (f.neijenhuis@pv.agro.nl).

9. IDF internal liaison reports

IDF Standing Committee on Animal health

J Seifert reported on the document “A discussion paper on normal and abnormal raw cow’s milk.

I. Somatic cell counts and signs of clinical mastitis” and the result of the voting on a questionnaire.

MD Rasmussen commented that a cell count of less than 200.000 cells/ml of cows composite milk will not ensure that foremilk of all quarters is normal. The CMT-score on foremilk of individual quarters correlates better with the cell count of composite milk than visual appearance. This discussion is crucial to development of automatic detection systems and separation of abnormal milk for automatic milking systems.

The paper and the summary of replies to the IDF questionnaire 1101/AH was of special interest to the AT on Automatic Milking Systems and should be circulated to these.

P Action: J Seifert, circulate as soon as possible, Deadline: End of June 2001

IDF Standing Committee on Environment

C Poupoulis reported on the adopted new work item on Wastes from Dairy farms: handling, treatment and disposal. There was some concern with regard to adding work on methane

emissions from dairy farms. F Sangiori added that the work programme of this SC was primarily related to wastes from dairy factories and it was decided to work also on other environmental issues.. It was proposed to keep a very close liaison and to deal with this work jointly by the SCFM and SCEnv and to add D Ordolff (DE) to the Action Team. The name of C Poupoulis was brought up with regard to taking the lead of the Action Team. The date of December 2003 was regarded to be more realistic.

L Jepsen stressed that it may be appropriate to integrate this work in the scope of the future IDF Task Force on Guide for good farming practices. The Action Team should consider this.

P Action: J Seifert, await establishment of the Task Force and the Action Team, refer to the PCC, Deadline: End of August 2001

10. International organizations liaison reports

The report concerning ISO was given under paragraph 6. P Billon (FR) reported that ICAR recently had approved a new milk meter and a list of approved meters is available on request. DJ Reinemann had nothing to report from CIGR.

11. Any other business

Proposal for a conference at the World Dairy Summit 2003 (8-12 September) : «100 years with liners and pulsators».

The Standing Committee supported the proposal to coordinate setting up a programme for such a conference. **O Ronningen (NO) – Chair of Programme Committee, K de Koning (NL), G Mein (AU), B Sonk (BE), MD Rasmussen (DK)**

12. Review of decisions

It was agreed to request input to the draft minutes that are to be circulated within a few days after the meeting.

13. Planning for next meeting

The next meeting should take place on 19 March 2002 in North America, either Toronto (CA) or Madison (WI) close to the meeting of the “International Conference on Robotic Milking” 20 to 22 March, see: www.ontariodhi.com/robotics. The conference programme fits well with the programme of work of SCFM including subjects as robotic milking and the dairy industry, housing and milking facilities, management and animal husbandry, health and mastitis, milk quality, labour, economics, and social impact. Action Team meetings should take place the day before.

P Action: D Reinemann, contact Canadian hosts, coordinate with J Seifert

The chair proposed a different order of the agenda for the coming meeting and a draft is included with these minutes. The Chair and Deputy Chair is up for election at the next meeting.

14. Close

The Chair closed the meeting at 17.30.



International Dairy Federation

18 September 2001

**Standing Committee on Farm management
Meeting at [venue to be determined]**

Tuesday, 19 March 2002, 09.00 – 17.00

DRAFT AGENDA

- 1. Welcome and apologies, adoption of the agenda**
- 2. Confirmation of minutes from the SC FM meeting in Tänikon on 12 June 2001**
- 3. Membership update (latest membership list will be circulated)**
- 4. Administrative matters and messages from the IDF Headquarters : *J Seifert (IDF)***
- 5. International organizations and IDF internal liaison reports**
 - 5.1 ISO/TC 23 : *O. Lind (SE) and P Billon (FR)* on revision of standards
 - 5.2 ICAR : *P. Billon (FR)*
 - 5.3 CIGR : *D. Reinemann (US)*
 - 5.4 IDF Standing Committee on Animal health : *K. L. Smith (US)*
 - 5.5 IDF Standing Committee on Environment : *F. Sangiorgi (IT)*
 - 5.6 IDF Standing Committee on Microbiological hygiene : *L. Jepsen (DK)*
- 6. Programme of Work**
 - A. Reports of Action Teams**
 - 6.1 Action Team on Vacuum measurement during milking: *MD Rasmussen (DK)*
 - 6.2 Action Team on Performance during milking: *MD Rasmussen (DK)*
 - 6.3 Action Team on Cleaning of Milking Machines: *D Reinemann (US)*
 - 6.4 Action Team on Instruments for mechanical tests: *T Alfnes (NO)*
 - 6.5 Action Team on Calibration of measuring instruments *L Innings (SE)*
 - 6.6 Action Team on Evolution in Automatic Milking, milk quality, animal health, farm management: *O Lind (SE)*
 - 6.7 Action Team on Cluster Removers: Test for determination of switch point and delay time: *K de Koning (NL)*
 - 6.8 Action Team on Continuous Monitoring Of Machine Milking: *O. Rønningen (NO)*
 - 6.9 Payment systems for ex-farm milk *M Beauséjour (CA)*
 - 6.10 Dairy farming production costs: *[AT leader to be determined]*
 - B. New work items under consideration**
 - 6.11 Good Management Practises for Milk Harvesting: *L. Jepsen (DK)*
 - 6.12 Milking characteristics of exotic animals: *D Reinemann (US)*
 - 6.13 Monitoring ISO work on revision of standards for machine milking: *L Innings (SE)*

C. Additional proposals for new work and new Action Teams

7. Up-date on forthcoming IDF publications

8. Research work, surveys and testing results

9. Preparations of programme for conference on « 100 years with liners and pulsators » at IDF World Dairy Summit in Brussels September 2003 – report by Chair of the Programme Committee, *O Rønningen (NO)*

10. Any other business

11. Election of Chair and Deputy chair

The first term of office for the present Chair and Deputy Chair is coming to an end. Re-election for another two-years term of office is possible. Both experts have expressed their willingness to stand for re-election. The IDF Secretariat wishes to be informed of any additional nominations for both positions well in advance so that in the case of more than one candidate a written ballot can be prepared.

12. Review of decisions – *MD Reinemann (US)* and *J Seifert (IDF)*

13. Planning for next meeting

14. Close