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Dear colleagues,

IDF MILKING MACHINE INFORMATION - 3RD MAILING 1999

The work in Farm Management 09.11.1999

This mailing is a following up of the first meeting of the IDF milking machine group under the new IDF structure. The work of milking machine now belongs to the standing committee Farm Management (FM). As the activity within milking machines still is very high, and within the rest of the groups belonging to Farm Management at the moment very low, both the elected chair Morten Dam Rasmussen, Denmark and the deputy chair Douglas J. Reinemann, USA comes from the previous milking machine group A32.

It was decided to go further with our mailing list, and still dealing only with milking machines. I shall still try to act as editor of our mailing list.

In the previous A32 group there was 8 Action Units in work. In group 2 and 5 the final discussions took place in FM, and the work will be fulfilled by the chairs (see separate status reports from Pierre Lévesque and Ole Lind). The rest of the milking machine Action Units will go on as Action Teams (AT), some of them with extended tasks. In addition there was established 4 new Action Teams: Teat size and breeding goals, Testing Procedures for Automatic Milking Systems, Evolution in Automatic Milking - milk quality, animal health, farm management, and Cluster Removers - Test for determination of switch point and delay time. And there was also decided some preparations for starting still more work at the next meeting.

The minutes from the meeting is enclosed as separate document. The next meeting in Farm Management is planned in connection to the EAAP 2000 Satellite symposium of Robotic Milking taken place in the Netherlands 18.-19.08.2000.

REVISION OF ISO STANDARDS FOR MILKING MACHINES

ISO -voting for Safety requirements and Misprints

In our previous mails we have sent you information about the German proposal for making an ISO Standard for safety requirements for milking machines, and the IDF proposal for correcting the misprints found in the ISO-standards 3918, 5707 and 6690. Even that a great majority of the ISO members supported these revisions, there was too few countries prepared to participate in the projects to get the ISO work started. Farm Management therefore decided to wait for the ordinary due for the 1996 ISO Standards to be reviewed in 2001, and in meanwhile make effort for a good preparation for the work. Waiting for a revision of the standards we can inform:

ISO 5707 clause 16 - Cluster assembly

The secretary of the 1996 ISO milking machine standards Lars Innings has given the following status report:

"The background for ISO 5707 clause 16 is to ensure that the short milk tube is big enough. E.g. that the duct between teat and claw is not choked by milk. For certain clusters there are a good correlation between vacuum fluctuations and choking at the short milk tube. Other clusters do not show this correlation. Additional measurements are needed to ensure that choking is not occurring.

Until further research, the measurements referred to in ISO 5707 clause 16, can not be used to compare different clusters."

Action Team 7 with Pierre Billon as chair, is working with a new proposal for this clause. They plan to meet in Ireland in March/April next year to do some new measurements.

Misprints in ISO 3918, 5707 and 6690

Action Team 9 will build up a list of misprints as complete as possible. Please, send your inputs directly to Lars Innings (e-mail: lars.innings@mail.alagri.com) with a copy to Terje Alfnes (e-mail: terje.alfnes@tine.no).

In meanwhile we refer to the document "Misprints and definitions referring to the ISO Standards for milking machine installations" sent you enclosed our first IDF mailing 16.07.1999, with one addition in "IDF A32 information - 2nd mailing 1999" e-mailed you 27.08.1999.

Identifying needed revisions of ISO standards for milking machines

The IDF preparation for the ISO revisions will be finally organised at our next meeting in August 2000. Meanwhile Action Team 9 shall propose how to organise the work, and we will try to get an overlook of what in the standards should be revised. Please, send your proposals to **Terje Alfnes**.

To establish a good co-operation between ISO and IDF in the further revision work, IDF Secretary General Edward Hopkin has asked for an official liaison with ISO. Further will the French Farm Management member Pierre Billon establish an unofficial direct contact with ISO TC 23 in Paris.

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**We wish you all
MERRY CHRISTMAS AND HAPPY NEW YEAR,
and look forward to further co-operation in the next millennium!**

Greetings from

Terje Alfnes