



THE GLOBAL STANDARD FOR LIVESTOCK DATA

Report for Subcommittee for Recording & Sampling Devices (RSD-SC)

Date of report	9 September 2016	
SC/WG/TFI name	Subcommittee for Recording and Sampling Devices (RSD-SC)	
Chair	Steven Sievert, US	
Members (names)	<p>Peter Huijsmans, NL Richard Cantin, CA Andrew Fear, NZ Pascal Savary, CH Clement Allain, FR Justin Frankfort, UK Snorri Sigurdsson, DK Hubert Rothfuss, DE</p> <p><u>Non-Voting Technical Representatives</u> Kees De Koning, NL – Dutch Test Centre Sandra Rose-Meierhoefer, DE – German Test Centre</p>	
Members left since June 2015	Manfred Hammel, DE	
Meeting(s) since June 2015	<p><u>Last:</u> 24 September 2015 – Conf Call 11 January 2016 – Conf Call 13-15 June 2016 - Meeting</p> <p>Additional conference calls and Skype meetings with subsets of RSD-SC and ICAR Staff on specific topics throughout the year.</p>	<p><u>Next:</u> September 2016 – Conf Call (date to be confirmed) 24 October 2016 – Meeting</p>
Participation in meetings	<p>Full +: All active members (at the time of meeting) were present on all calls and at the face-to-face meeting in Rennes</p>	<p>Absence None</p>
Priorities addressed since June 2015 (last report)	<ul style="list-style-type: none"> • Addition of members to RSD-SC to broaden expertise and skill set, now at fully engaged and cohesive subcommittee. • Reaffirm commitment of the German Test Centre (Potsdam) to device testing. • Improved communications with manufacturers by RSD-SC and specific RSD-SC members with manufacturers based in their local country/region. 	

	<ul style="list-style-type: none"> • Development of revised website for ICAR-certified recording devices (presently under completed at ICAR). • Development of action teams (3x3) to take lead on projects such guidelines revisions, AMS systems, new devices. • Streamlined protocols for device testing and approvals. • Continued development of carry-over reduction testing and best practices.
Priorities for next year	<ul style="list-style-type: none"> • Launch of revised website that will be database driven (as opposed to static pages), searchable, and have external links to routine procedures. • Update <i>Periodic Checking of Meters</i> document (will occur parallel to website update). • Testing of AMS-Sampling Shuttle combinations. • Fully support the work of the Sensor Devices Task Force. • Guidelines revisions for Section 11 – to be launched in October 2016. • Carry-over technical (applied) session for ICAR 2017 in Scotland – the program content has already been determined and shared with ICAR staff and the 2017 organizing committee. • Outreach and cooperation with other WG on device approvals for goats and sheep. • Development of guidelines for new classes of devices such as body condition scoring tools.
Issues which the Group wishes ICAR Board to consider	<ul style="list-style-type: none"> • Support (direction, position and/or mandate) for challenges associated with AMS systems with various sampling shuttles. The RSD-SC has prepared a matrix (attached) of current ICAR-certified combinations, combinations under test, and those used in the field but that have not been tested. The scope of the issue is illustrated in the table. • Support for publication of best-practices guide for managing carry-over in recording and sampling devices. • Streamlined process for guidelines revisions.

Overview automatic samplers and automatic milking systems

NOT APPROVED - combination used in the field

ICAR APPROVED - based on this combination the sampler was ICAR approved

UNDER TEST - currently undergoing ICAR test

	Delaval VMX sampler	Delaval VMX-7 sampler	GEA Mione sampler	Lely Shuttle A	Lely Nordic Shuttle B	Lely Shuttle XY	ORI Collector	Prolion sampler
BouMatic MR-D1				NOT APPROVED			NOT APPROVED	
BouMatic MR-S1				NOT APPROVED			NOT APPROVED	
Boumatic ProFlex				NOT APPROVED			NOT APPROVED	
Delaval VMS	ICAR APPROVED							
Delaval VMS 2007	NOT APPROVED	ICAR APPROVED					ICAR APPROVED	
Delaval VMS 2010		NOT APPROVED					ICAR APPROVED	
Delaval VMS 2013		NOT APPROVED					ICAR APPROVED	
Gascoigne Melotte AMS								NOT APPROVED
Gascoigne Melotte RMS								NOT APPROVED
Gascoigne Melotte Zenith								NOT APPROVED
GEA Monobox			NOT APPROVED				NOT APPROVED	
GEA MiOne			ICAR APPROVED				NOT APPROVED	
GEA Titan								NOT APPROVED
Happel AktivPuls 2020						UNDER TEST		
Insentec Galaxy				NOT APPROVED			NOT APPROVED	
Insentec Galaxy Astrea 20.20				NOT APPROVED		UNDER TEST	NOT APPROVED	
Insentec Galaxy Starline				NOT APPROVED			NOT APPROVED	
Lely A1				ICAR APPROVED	NOT APPROVED	NOT APPROVED		
Lely A2				NOT APPROVED	NOT APPROVED	NOT APPROVED	NOT APPROVED	
Lely A3				NOT APPROVED	UNDER TEST	ICAR APPROVED	ICAR APPROVED	
Lely A3 Next				NOT APPROVED	UNDER TEST	ICAR APPROVED	ICAR APPROVED	
Lely A4				NOT APPROVED	UNDER TEST	ICAR APPROVED	ICAR APPROVED	
Manus Miros								NOT APPROVED
Merlin				NOT APPROVED		NOT APPROVED	NOT APPROVED	
Merlin 225				NOT APPROVED		NOT APPROVED	NOT APPROVED	
Merlin Pro				NOT APPROVED		NOT APPROVED	NOT APPROVED	
Prolion/Punch AMS Liberty								NOT APPROVED
Prolion/Punch Titan								NOT APPROVED
Roboleo				NOT APPROVED				
SAC FutureLine				NOT APPROVED			NOT APPROVED	
SAC FutureLine Max				NOT APPROVED		UNDER TEST	NOT APPROVED	