Arrival of the washable vial RFID to the French milk control
Why the Washable Vial RFID?

- LactoCorder and EMM in strong development
- Automation of the IT processing
- Traceability of samples
- Management of Vials (Less Vials)
- Management of Tags (less Tag)
- Wash of Vial in laboratories
- Return of investment

Starting up of the project in June, 2008
Characteristic of Vial

Recommendation of France Milk quality control test

- Counts of wash min 60 times
- Resistance in the temperature
- In complete capsule sealing of the Tag
  - Waterproofness
  - completes Integration of the Tag HF LF and Glass Tag
- 2 Models 40 ML and 50 ML
- Compatible robot Ilas

Manufacturing of the first Vial in January 2009
The Washable Vial

1 Body of the Vial
2 the Tag
3 Shutter

The assembly of the shutter makes by weld Ultrasounds on edges directly assuring a complete waterproofness.
Test

- Test of wash  OK
- Test Robot Ilas  OK
- Test current ground with 2000 vials

Objective

- Mould of production 4 imprints for 40 ML and 50ML
- Production 100 000 pieces for November, 2009
Tools to use the Vial

- Portable Electronic Milk Meter
  - LactoCorder
  - TTEMM
- Manual recorder WMB TT with recording of the Vial
  - EZITAG of TruTest
  - COMMANDER of WMB (available September 2009)
LactoCorder and Commander

Automatic identification
Automatic identification
- Manual entry Weight of milk
- Reader of Vial RFID
- Reader of Anklet or Manual Identification
Manual Recorder: EZITAG

- Manual entry Weight of milk
- Read/Write of Vial RFID
- Auto or Manual Identification
Solution For OCL

1st Step  Integration of washable Vial RFID
to begin the wash on the laboratory

2eme Step  To spread
The Electronic Portable Milk Meter around 10%
(Every year 10 % in more)

Manual Recorder 90 %
Assure a traceability 100 %, in the course of time
In Laboratory

Database to Milk Control

Robot Ilas

Analyseur FOSS/BENTLEY

Table reader

Table XY

Or

On Line
Many Thanks for your Attention