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CCIA Evaluates Connected RFID Scanner Technology for Reporting Cattle Movement Events

Calgary, Alta. — Canadian Cattle Identification Agency (CCIA) has launched a research initiative to develop a movement event scanner that could reduce the administrative reporting burden on producers as part of preparations for proposed changes to Part XV of the *Health of Animals Regulations*. The project will test new technology designed to simplify movement reporting in the Canadian Livestock Tracking System (CLTS) and support a smooth transition to the proposed regulatory requirements.

Livestock traceability is essential to animal health, food safety, and supply chain integrity in Canada. Currently, it is best practice for regulated species to report their premises with the submission of individual tags.

As the next step in traceability, proposed regulatory amendments expected within the next year will require those handling beef cattle, bison, sheep, cervids and goats to report animal movement in the Canadian Livestock Tracking System (CLTS), a process that will be integral during tracing of animals of concern during a disease investigation.

When animals arrive at a premises, shipment details will need to be reported in a CLTS account by the receiver. This includes the tag numbers of the animals, premises ID for where the animals originated, the premises ID for the recipient site, departure and arrival dates, and the conveyance ID (such as a licence plate). While movement reporting is currently optional, it will become mandatory one year after the publishing of the regulatory amendments in *Canada Gazette, Part II*.

Making Reporting Easier

The CCIA Movement Event Scanner is a customized RFID wand designed to connect to a wireless network and submit movement events to the CLTS. Stakeholders handling regulated species can use the interface to enter shipment details, and shipment date in

advance of receiving a shipment. Upon arrival, the tags of new animals can be scanned with both visual and audio confirmation.

Once all animals in a shipment are scanned, the device compiles the information, and a confirmation is then returned for review or correction before final submission to the CLTS.

By allowing stakeholders to pre-load shipment details, scan animals on arrival and simply press send, the Movement Event Scanner provides a more efficient way of meeting proposed reporting requirements to support Canada's livestock traceability system.

On a final note, as part of this initiative CCIA is looking for ranches to take part in scanner testing. To express interest, contact our team by email at info@canadaid.ca or call

1-877-909-2333.

Preliminary Design: CCIA Movement Scanner

This image provides visual representation of what the proposed CCIA movement scanner could look like. This design is subject to change.

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