

## The problem of failed transponders

Even if there are very few cases related to the total quantity of transponders being used, it is a fact that a transponder may fail.

It is also a fact, that particularly in the companion animal sector “old” FDX-A transponders are implanted and the animal – for whatever reason – has been equipped with a second, ISO transponder. This would mean that the animal is carrying two working transponders of 2 different technologies. Using an ISO reader will always detect the ISO transponder, using an ISO+ (plus annex A) reader may under certain circumstances detect either the FDX-A or the FDX-B transponder.

### **The market may be faced with the 2 following situations:**

Case 1: no reading – a dead transponder

Case 2: 2 working transponders of different technologies

A recent case has shown that National authorities establish guidelines which cause pet owners and the RFID market for animals a lot of problems.

The RFID number is linked to any needed examination and blood test results (i.e. rabies titer) and the RFID number is not working anymore.

Recommendations how to behave, if a transponder is not readable:

1. Check if the reader is dedicated to read only FDX-B transponders and
  - make sure that your reader is also capable of reading FDX-A technology with sufficient performance
  - make sure that your reader is able to read also HDX transponders
2. If the transponder does not respond with an ISO plus annex A reader either
  - take an x-ray of the animals to see if the transponder is physically really there
    - a) The Veterinary removes the transponder and sets a new one
    - b) or leaves the transponder in the animal and puts a new oneIn both cases the modification has to be certified by a Veterinary Declaration
3. The case 2, where 2 working transponders are detected, the second transponder number has to be noted in the World/European Passport and/or the accompanying document.

***Veterinary Declaration***

**The animal ( Dog,  Cat):**

Named .....

Breed .....

Color.....

Age .....

European or international passport number .....

**Owned by:**

Name.....

Address .....

Postal code .....

Place .....

Country .....

has been presented today, the ...../...../..... in our Veterinary surgery/clinic.

The transponder identification could not be detected and the following points have been respected:

- A test with an ISO reader has been made
- A test with a second reader (ISO plus Annex A) has been made
- A radiograph has been taken, the transponder has been detected and can be seen on the x-ray

**The following measure has been taken:**

- The owner did not want to have it remove
- Because of Veterinary health related reasons the animal could not undergo surgery.
- The animal has received a new transponder with the number: .....

We, Veterinary clinic Dr....., certify that the original transponder of the animal, number ....., does not respond, all necessary tests have been made and we have put in a new transponder with the above number.

\_\_\_\_\_

***City, date***

\_\_\_\_\_

***Signature***