

Part 3

Responsibilities for EID, Data elements, Common glossary and Data Dictionary

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Introduction

Part 3 of the Technical Guidelines provides recommendations regarding data elements and types, common glossary and data dictionary for the use of electronic identification in small ruminants. It also describes some of the roles and responsibilities of the different entities involved in the flow of information regarding electronic identification. This guidance is based on the requirements set out in Regulation 21/2004 and experience gained during the practical implementation. It aims for some harmonisation of information in data storing and processing systems, such as data bases or farm management systems and but is entirely optional for the Member States.

1. Roles and responsibilities in the identification and registration system

This chapter gives an overview over the interacting entities as regards their roles and responsibilities in setting-up and applying an identification and registration system in sheep and goats in accordance with Regulation 21/2004, as amended, from the date referred to in Art. 9(3) thereof (31 December 2009).

The system of identification and registration of sheep and goats comprises the following elements:

- Means of identification of each animal;
- Up-to-date register of each holding;
- Movement document for movements between holdings;
- National central computer database.

In the system the following entities interact:

- Member State
- Competent authority
- Central computer database
- Keeper
- Holding
- Manufacturer / supplier

The chart below visualises the entities involved in the system.

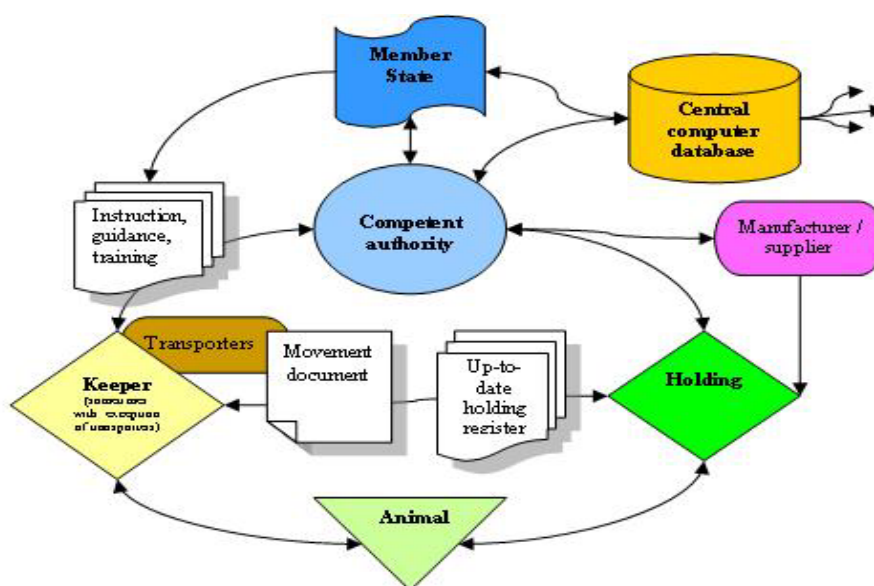


Chart 1: Entities involved in the system of identification and registration of sheep and goats

1.1 Roles and responsibilities of the Member State

The Member State should

- a) when establishing a system of the identification and registration in accordance with Art. 1(1) of Regulation 21/2004 regulate the responsibilities and determine the manner for
 - the allocation of animal identification codes, including the use of replacement counter and user information field in electronic identifiers;
 - approving identifiers for the electronic identification which have been tested by a Test Laboratory (TL) with favourable results;
 - the identification of animals (Art. 4(2b), Art. 9(3) of Regulation 21/2004);
- b) ensure access of the Commission and the competent authority of the Member State to all information covered by Regulation 21/2004. In addition, it should ensure access for all parties having interest, including recognised consumers' organisations, provided that the national data protection and confidentiality requirements are complied with (Art. 3(2) of Regulation 21/2004);
- c) determine period for the identification of sheep and goats born after 9 July 2005 (Art. 4(1) of Regulation);
- d) determine period for the identification of sheep and goats imported after 9 July 2005 (Art. 4(4) of Regulation);
- e) allocate a identification code to each holding (Art 4(4) of Regulation 21/2004) and provide the keeper identification code which can be authorised by the competent authority according to Art. 7(2) of Regulation 21/2004;
- f) ensure that the person responsible for the identification and registration of animals has received instruction and guidance and that appropriate training courses are available (Art. 11(2) of Regulation 21/2004);
- g) inform the Commission on a possible derogation granted for the period of identification;
- h) communicate to the Commission and to the other Member States competent authority responsible, the model of the means and the method of identification used and the model of holding register and movement document used, and when applicable, derogation granted for holding registers and movement documents (Art. 4(1), (8), Art. 5 (6), Art. 6 (5), Art. 11(1), A7 of the Annex of Regulation 21/2004).

The Member State may

- i) require keepers to enter further information in the up-to-date holding register than the information listed in section B of the Annex to Regulation 21/2004 (Art. 5(2) of Regulation 21/2004);
- j) derogate keepers from an up-to-date holding register when a centralised national computer database which contains the information required in the holding register is operational (Art. 5(4) of Regulation 21/2004);

- k) enter further information in the movement document than that in section C of the Annex to Regulation 21/2004 (Art. 6(2) of Regulation 21/2004);
- l) derogate from movement document when a centralised national computer database which contains at least the information required in the movement document is operational (Art. 6(4) of Regulation 21/2004);
- m) enter further information in the national computer database than that listed in section D.1 and D.2 of the Annex to Regulation 21/2004 (Art. 8(4) of Regulation 21/2004).

1.2 Roles and responsibilities of the competent authority of the Member State

The competent authority should

- a) determine the allocation, distribution and application the means of identification (Art. 4(7) of Regulation 21/2004);
- b) if appropriate, authorise alternative identification methods, or a bar code or addition of supplementary information on the ear-tag by the keeper (Art. 4(3), A2 of the Annex of Regulation);
- c) if appropriate, give permission to remove or replace means of identification, to allow replacement with identifiers bearing a different code as the original identifiers (Art 4(6) of Regulation 21/2004);
- d) approve the format of the holding registers and movement documents as well as the minimum period to retain these documents (Art. 5(3), Art. 6(3) of Regulation 21/2004);
- e) fix the intervals for the inventory to be made by keepers (Art. 7(2) of Regulation 21/2004);
- f) set up and maintain a centralised computer database (Art. 8 (1) of Regulation 21/2004);
- g) to ensure the appropriate supervision of conformity of producers of equipments and equipments on the market according to point 4.3 of Part 2 of the Technical Guidelines.

1.3 Roles and responsibilities of the keeper

Each keeper of animals shall

- a) with the exception of the transporter, keep an up-to-date register as required (Art.5(1), (2) of Regulation 21/2004);
- b) supply the competent authority, upon request, with all information concerning the origin, identification and where appropriate, the destination of animals owed, kept, transported (Art. 5(5) of Regulation 21/2004);
- c) if not done by the competent authority, complete the required movement document which has to accompany an animal whenever moved within the national territory between two separate holdings (Art. 6(1) of Regulation 21/2004);

- d) keep the movement document at the holding of destination the required minimum period and shall, on request, supply the competent authority with a copy thereof (Art. 6(3) of Regulation 21/2004);
- e) if keeping animals permanently, make an inventory of the animals kept at the required intervals (Art.7(2) of Regulation 21/2004);
- f) with the exception of the transporter, provide the competent authority within a period of 30 days as regards information relating to the keeper or the holding and within a period of 7 days as regards information relating to movements of animals
 - with the information for setting up or maintain the national computer database and the outcome of the inventory;
 - if a derogation from the movement document is applied by the Member State, each time an animal is moved, the details of the movement which would be required in a movement document (Art. 8 (2) of Regulation 21/2004).

1.4 Roles and responsibilities of the defined entities

The entities responsible (as defined by the Member State) shall

- identify the animals born or imported after 9 July 2005 as required (Art. 4(1) of Regulation 21/2004).

2. Documentation requirements

The system of identification and registration of sheep and goats requires

- for each holding an up-to date holding register,
- for each movement between two separate holdings a movement document and
- the set-up of a national computer database (including central register for all holdings).

The two tables below shows the minimum information required to be recorded.

. The Member State may require keepers to enter further information in the holding register or may require further information to be entered into the movement documents or in the national computer database. For such additional information, the Member State should define the data elements and their format.

Type of data		Up-to-date holding register	National computer database
Holding data	Identification code of the holding	√	√
	Address of the holding	√	√
	Geographical coordinates of the holding	√	√
	Equivalent indication of the geographical location of the holding (alternative to geo coordinates)	(√)	(√)
	Type of production	√	√
	Species kept		√
Keeper data	Identification code of the keeper (if authorised by competent authorities)		(√)
	Name and address of the keeper	√	√
	Occupation of the keeper		√
Animal data (for each animal born after 1 January 2008)	Individual identification code	√	
	Year of birth	√ (at holding of birth)	
	Date of identification	√ (at holding of birth)	
	Month and year of death of the animal on the holding	√	
	Breed of animal (if known)	(√)	
	Genotype (if known)	(√)	
	Identification of batch with same identification code (alternative for animals < 12 months intended for slaughter if identification with holding ID is authorised by competent authorities)	√	
	Number of animals in the batch with same identification code (alternative for animals < 12 months intended for slaughter if identification with holding ID is authorised by competent authorities)	√	
	Information on any replacement of tags or electronic identifiers	√	
Inventory	Result of the latest inventory	√	√
	Date on which last inventory was carried out	√	√
Movement data for each movement from one holding to another holding	Identification code of holding from which the animals are moved	√ (at holding of destination)	√
	Total number of animals moved		√
	Identification code of holding of destination or next keeper / identification code, name and location of slaughterhouse, or in the event of transhumance, place of destination	√ (at holding of departure)	√
	Registration number of part of the means of transport carrying the animals	√ (at holding of departure)	
	Name of the transporter	√ (at holding of departure.)	
	Date of departure	√ (at holding of departure.)	√
	Date of arrival	√ (at holding of destination)	√
Competent authorities' checks	Name and signature of representative of the competent authorities who checked the register	√	
	Date of check	√	
	Data field reserved for the competent authority		√

Table 1: Overview on the data required in the different registers at different levels of the system for the identification and registration of sheep and goats

Type of data		Movement document
Holding data	Identification code of the holding from which the animals are moved	√
	Identification code of holding of destination or next keeper / identification code, name and location of slaughterhouse, or in the event of transhumance, place of destination	√
Keeper data	Name and address of the keeper	√
Animal data (for each animal born after 1 January 2008)	Individual identification code - from 01.01.2011 on, with the exception of animals born until 31.12.2009: - on their movement to a slaughterhouse, directly or via channelling - until 31.12.2011 for all other movements	√
	Total number of animals moved (for the exception from recording individual identification codes)	(√)
	Identification code of batch with same identification code (for animals intended for slaughter < 12 months)	√
	Total number of animals in the batch with same identification code (for animals intended for slaughter < 12 months)	√
Movement data	Registration number of part of the means of transport carrying the animals	√
	Name of the transporter	√
	Transporters' permit number	√
	Date of departure	√
	Signature of the keeper	√

Table 2: Overview on the data required in the movement document for sheep and goats

3. Data dictionary and glossary

The following table comprises a list of data elements that might be used for establishing national computer databases in accordance with the requirements of Regulation 21/2004, as amended.

No	Data element name
1	HoldingID
2	HoldingAddressPostalCode
3	HoldingAddressCityName
4	HoldingAddressStreetText
5	HoldingAddressCountryCode
6	HoldingAddressEmailText
7	HoldingTelephoneNumber
8	HoldingCoordinatesLatitudeMeasure
9	HoldingCoordinatesLongitudeMeasure
10	HoldingLocationText
11	HoldingTypeCode
12	HoldingSpecieskeptCode (only livestock species)
13	KeeperID
14	KeeperFirstName
15	KeeperLastName
16	KeeperAddressPostalCode
17	KeeperAddressCityName
18	KeeperAddressStreetText
19	KeeperAddressCountryCode
20	KeeperAddressEmailText
21	KeeperTelephoneNumber

No	Data element name
22	KeeperOccupationCode
23	AnimalConventionalIDCode
24	AnimalISO11784IDCode
25	AnimalAtimportID
26	AnimalBirthYear
27	Animal IdentificationDate
28	Animal DeathYearMonth
29	AnimalBreedCode
30	AnimalGenotypeCode
31	AnimalSexCode (information not mandatory)
32	AnimalBatchIDCode
33	AnimalBatchSize
34	RetaggingReasonCode
35	RetaggingIDCode including Retagging counter / version number
36	InventoryResultQuantity
37	InventoryDate
38	HoldingOfOriginID
39	KeeperOfOriginID
40	HoldingOfDestinationID
41	KeeperOfDestinationID
42	PlaceOfDestinationName
43	TransportedAnimalsQuantity
44	TransportedAnimalConventionalIDCode
45	TransportedAnimalISO11784IDCode
46	TransportedAnimalBatchIDCode
47	TransporterFirstName
48	TransporterLastName
49	TransporterPermitID
50	MeansOfTransportID
51	DepartureDateTime
52	ArrivalDateTime
53	CACheckRepresentativeName
54	CACheckDate
55	CAReservedText

Table 3: List of recommended data elements

The data element names proposed in the list are purely for information and are not required in any data exchange but might be useful references to the specific fields in setting up a data system.

The list may be modified or extended as described in the change procedures of the Technical Guidelines.

In Annex I each data element is described by its definition and representations (type of data, length, format and list of coded value). Some basic terms (e.g. holding, keeper) used in the definitions and names of the data elements are defined by Regulation 21/2004.

Data elements which preferably have a coded representation are listed in Annex II with possible codes and values. If a coded data element is defined in an international or national standard reference is made to the standard.

The three data types used are summarised in the table below. The maximum length of the data element is given in brackets after the data type code. For alphanumeric data the UTF-8 encoding (8-bit Unicode transformation format) should be used, covering all type of characters used in the Member States.

A	Alphanumeric	Representation used for alphabetic and numeric characters with no special handling. This is typically used to represent data elements with character string of variable length having maximum length expressed as the number of characters.
N	Numeric	Representation of a number composed only from the characters 0 to 9, +, - . A data element defined as numeric must be interpretable as a number.
D	Date	Representation of date and time information.

Table 4: Data types

Animal codes

When electronically transmitted to a storage or processing system, the representation of the entire 64 bits code of an animal transponder shall be recorded in the structure defined in ISO 11784 and in the format defined in ISO 24631-6. The representation of conventional identifiers should be recorded in a storage or processing system in the same format.

When displaying individual animal identification in an electronic form of the up-to-date herd register, movement document or in the national computer database it shall comprise at least of the animal code. The animal code can be shown either as

- the 2 letter country code (ISO 3166) of the Member State of the holding where the animal was first identified and a 12 digit numeric national identification code (e.g. as from conventional ear or pastern tags),
- or
- the 3 digit country code (ISO 3166) of the Member State of the holding where the animal was first identified and a 12 digit numeric national identification code (e.g. as from electronic identifiers),

Additional information from electronic identifiers may be displayed, such as retagging counter, user information field (species code) or additional information fields.

Conventional identifiers may bear a version number of a replacement tag and/or a bar code or supplementary information by the keeper. When manually entered in an electronic form of the up-to-date herd register, movement document or in the national computer database the version number of the replacement tag may be displayed.

When displaying animal batch identification in an electronic form of the up-to-date herd register, movement document or in the national computer database it shall comprise the 2 letter country code of the Member State of the holding of birth and the identification code of the holding of birth (as foreseen in the derogation for the identification of animals intended for slaughter before 12 months of age).

Annex I Data dictionary and glossary

1 HoldingID	
<i>Definition:</i>	The national identifier of the holding allocated by the competent authority
<i>Type:</i>	A(16)
<i>Format:</i>	
<i>Values:</i>	
2 HoldingAddressPostalCode	
<i>Definition:</i>	The code of the postal zone where the holding is located
<i>Type:</i>	A(14)
<i>Format:</i>	
<i>Values:</i>	National postal codes
3 HoldingAddressCityName	
<i>Definition:</i>	The name of the city, town, or village where the holding is located
<i>Type:</i>	A(30)
<i>Format:</i>	
<i>Values:</i>	
4 HoldingAddressStreetText	
<i>Definition:</i>	The text describing the street address where the holding is located
<i>Type:</i>	A(30)
<i>Format:</i>	
<i>Values:</i>	
5 HoldingAddressCountryCode	
<i>Definition:</i>	The ISO 3166 three-digit numeric code of the country where the holding is located
<i>Type:</i>	A(3)
<i>Format:</i>	
<i>Values:</i>	ISO 3166
6 HoldingAddressEmailText	
<i>Definition:</i>	The electronic mail address of the contact person for the holding
<i>Type:</i>	A(50)
<i>Format:</i>	
<i>Values:</i>	
7 HoldingTelephoneNumber	
<i>Definition:</i>	The telephone number of the contact person for the holding
<i>Type:</i>	A(25)
<i>Format:</i>	+CCC(AAA)LLLLLLL/XXXXX where +CCC is the country code, (AAA) is the area code, and LLLLLLL is the local code and XXXXX is the extension number
<i>Values:</i>	
8 HoldingCoordinatesLatitudeMeasure	
<i>Definition:</i>	The measure of the angular distance on a meridian north or south of the equator for the location of the holding
<i>Type:</i>	N(10)
<i>Format:</i>	+/-DD.ddddd where D=degrees, d=decimal degrees, + = North and - = South of the equator. Points on the equator are assigned to the Northern Hemisphere
<i>Values:</i>	

9 HoldingCoordinatesLongitudeMeasure	
<i>Definition:</i>	The measure of the angular distance on a meridian east or west of the prime meridian for the location of the holding
<i>Type:</i>	N(11)
<i>Format:</i>	+/-DDD.dddddd where D=degree, d=decimal degree, + = East and - = West of the prime meridian. A point on the prime meridian is Eastern Hemisphere; the 180th meridian is Western
<i>Values:</i>	
10 HoldingLocationText	
<i>Definition:</i>	The text that describes the geographical location of a holding if the geographical coordinates are not known
<i>Type:</i>	A(50)
<i>Format:</i>	
<i>Values:</i>	
11 HoldingTypeCode	
<i>Definition:</i>	The code of the type of production and the type of holding
<i>Type:</i>	A(2)
<i>Format:</i>	
<i>Values:</i>	See list in Annex II
12 HoldingSpecieskeptCode (only livestock species)	
<i>Definition:</i>	The code of the species of animals kept in the holding
<i>Type:</i>	A(2)
<i>Format:</i>	Different options in parallel
<i>Values:</i>	See list in Annex II
13 KeeperID	
<i>Definition:</i>	The national identifier of the keeper allocated by the competent authority
<i>Type:</i>	A(16)
<i>Format:</i>	
<i>Values:</i>	
14 KeeperFirstName	
<i>Definition:</i>	The first name(s) of the keeper
<i>Type:</i>	A(30)
<i>Format:</i>	
<i>Values:</i>	
15 KeeperLastName	
<i>Definition:</i>	The last name of the natural person or the name of the legal person representing the keeper
<i>Type:</i>	A(30)
<i>Format:</i>	
<i>Values:</i>	
16 KeeperAddressPostalCode	
<i>Definition:</i>	The code of the postal zone where the keeper is located
<i>Type:</i>	A(14)
<i>Format:</i>	
<i>Values:</i>	National postal codes

17 KeeperAddressCityName	
<i>Definition:</i>	The name of the city, town, or village where the keeper is located
<i>Type:</i>	A(30)
<i>Format:</i>	
<i>Values:</i>	
18 KeeperAddressStreetText	
<i>Definition:</i>	The text describing the street address where the keeper is located
<i>Type:</i>	A(30)
<i>Format:</i>	
<i>Values:</i>	
19 KeeperAddressCountryCode	
<i>Definition:</i>	The ISO 3166 three-digit numeric code of the country where the keeper is located
<i>Type:</i>	A(3)
<i>Format:</i>	
<i>Values:</i>	ISO 3166
20 KeeperAddressEmailText	
<i>Definition:</i>	The electronic mail address of keeper of the animals
<i>Type:</i>	A(50)
<i>Format:</i>	
<i>Values:</i>	
21 KeeperTelephoneNumber	
<i>Definition:</i>	The telephone number of the keeper of the animals
<i>Type:</i>	A(25)
<i>Format:</i>	+CCC(AAA)LLLLLLL/XXXXX where +CCC is the country code, (AAA) is the area code, and LLLLLLL is the local code and XXXXX is the extension number
<i>Values:</i>	
22 KeeperOccupationCode	
<i>Definition:</i>	The code that describes the type of keeper
<i>Type:</i>	A(2)
<i>Format:</i>	
<i>Values:</i>	See list in Annex II
23 AnimalConventionalIDCode	
<i>Definition:</i>	The individual animal identification code used on the first means of identification (conventional ear-tag)
<i>Type:</i>	A(15)
<i>Format:</i>	AA CCCCCCCCCC or NNN CCCCCCCCCC, where AA is 2-character alphabetic ISO 3166 country code, NNN is 3-digit numeric ISO 3166 country code and CCCCCCCCCC is the 12-digit national identification code
<i>Values:</i>	For country codes (3-digits numeric or 2-character alphabetic) see ISO 3166

24 AnimalISO11784IDCode	
<i>Definition:</i>	The complete code defined with ISO 11784
<i>Type:</i>	A(22)
<i>Format:</i>	The ID shall comprise the complete 64 bit code in the format defined in ISO 24631-6, displaying at least NNN CCCCCCCCCCCC, where NNN is 3-digit numeric ISO 3166 country code and CCCCCCCCCCCC is the 12-digit numeric national identification code.
<i>Values:</i>	For the 3-digits numeric country code see ISO 3166

25 AnimalAtimportID	
<i>Definition:</i>	The code identifying the animal when imported from a Third Country
<i>Type:</i>	A(22)
<i>Format:</i>	
<i>Values:</i>	

26 AnimalBirthYear	
<i>Definition:</i>	The year of birth of the animal
<i>Type:</i>	D(4)
<i>Format:</i>	YYYY, where YYYY is the year
<i>Values:</i>	

27 Animal IdentificationDate	
<i>Definition:</i>	The date of first identification of the animal
<i>Type:</i>	D(8)
<i>Format:</i>	YYYYMMDD, where YYYY is the year, MM is the month and DD is the day
<i>Values:</i>	

28 Animal DeathYearMonth	
<i>Definition:</i>	The year and month of death of the animal on the holding
<i>Type:</i>	D(6)
<i>Format:</i>	YYYYMM, where YYYY is the year and MM is the month
<i>Values:</i>	

29 AnimalBreedCode	
<i>Definition:</i>	The code of the race, breed or variety of the animal allocated at national level
<i>Type:</i>	A(30)
<i>Format:</i>	
<i>Values:</i>	To be defined at national level

30 AnimalGenotypeCode	
<i>Definition:</i>	The code representing the genotype of the animal defined by the combination of two allele in accordance with Commission Decision 2002/1003 of 18 December 2002
<i>Type:</i>	A(7)
<i>Format:</i>	
<i>Values:</i>	See list in Annex II

31 AnimalSexCode	
<i>Definition:</i>	The code representing the sex of the animal
<i>Type:</i>	A(2)
<i>Format:</i>	
<i>Values:</i>	See list in Annex I

32 AnimalBatchIDCode	
<i>Definition:</i>	The code which may be used to identify a batch of animals intended for slaughter before the age of 12 months and not for intra-Community trade or export. All animals of the batch carry one ear-tag with the same identification code (country code and holding ID)
<i>Type:</i>	A(18)
<i>Format:</i>	AA CCCCCCCCCCCCCCCC where AA is the 2-character alphabetic ISO 3166 country code, CCCCCCCCCCCCCCCC is the 16-digit alphanumeric holding of birth ID
<i>Values:</i>	For country code (2-character alphabetic) see ISO 3166
33 AnimalBatchSize	
<i>Definition:</i>	The total number of animals in the individual batch
<i>Type:</i>	N(4)
<i>Format:</i>	
<i>Values:</i>	
34 RetaggingReasonCode	
<i>Definition:</i>	The code describing the reasons and manner of replacement of conventional or EID devices
<i>Type:</i>	A(2)
<i>Format:</i>	
<i>Values:</i>	See list in Annex II
35 RetaggingIDCode with Retagging counter / version number	
<i>Definition:</i>	The new animal identification code used for retagging
<i>Type:</i>	A(22)
<i>Format:</i>	
<i>Values:</i>	
36 InventoryResultQuantity	
<i>Definition:</i>	The number of animals counted at the latest inventory
<i>Type:</i>	N(6)
<i>Format:</i>	
<i>Values:</i>	
37 InventoryDate	
<i>Definition:</i>	The date of the latest inventory
<i>Type:</i>	D(8)
<i>Format:</i>	YYYYMMDD where YYYY is the year, MM is the month and DD is the day
<i>Values:</i>	
38 HoldingOfOriginID	
<i>Definition:</i>	In case of movement, the identifier of the holding of origin based on national holding code allocated by the competent authority
<i>Type:</i>	A(16)
<i>Format:</i>	
<i>Values:</i>	

39 KeeperOfOriginID	
<i>Definition:</i>	In case of movement, the identifier of the keeper of origin based on national keeper code allocated by the competent authority
<i>Type:</i>	A(16)
<i>Format:</i>	
<i>Values:</i>	
40 HoldingOfDestinationID	
<i>Definition:</i>	In case of movement, the identifier of the holding of destination based on national holding code allocated by the competent authority
<i>Type:</i>	A(16)
<i>Format:</i>	
<i>Values:</i>	
41 KeeperOfDestinationID	
<i>Definition:</i>	In case of movement, the identifier of the keeper of destination based on national keep code allocated by the competent authority
<i>Type:</i>	A(16)
<i>Format:</i>	
<i>Values:</i>	
42 PlaceOfDestinationName	
<i>Definition:</i>	The name of the place of destination in the case of transhumance
<i>Type:</i>	A(30)
<i>Format:</i>	
<i>Values:</i>	
43 TransportedAnimalsQuantity	
<i>Definition:</i>	The number of animals moved between separate holdings under one movement document
<i>Type:</i>	N(4)
<i>Format:</i>	
<i>Values:</i>	
44 TransportedAnimalConventionalIDCode	
<i>Definition:</i>	The individual identification code on the first means of identification (conventional ear-tag) of the transported animal
<i>Type:</i>	A(15)
<i>Format:</i>	AA CCCCCCCCCCCC or NNN CCCCCCCCCCCCCC where AA is 2-character alphabetic ISO 3166 country code, NNN is 3-digit numeric ISO 3166 country code and CCCCCCCCCCCC 12-digit alphanumeric individual code
<i>Values:</i>	For country codes (3-digits numeric or 2-character alphabetic) see ISO 3166
45 TransportedAnimalISO11784IDCode	
<i>Definition:</i>	The code defined with ISO 11784 of the transported animal
<i>Type:</i>	A(22)
<i>Format:</i>	The ID shall comprise the complete 64 bit code in the format defined in ISO 24631-6, displaying at least NNN CCCCCCCCCCCC, where NNN is 3-digit numeric ISO 3166 country code and CCCCCCCCCCCC is the 12-digit numeric national identification code.
<i>Values:</i>	For the 3-digits numeric country code see ISO 3166

46 TransportedAnimalBatchIDCode	
<i>Definition:</i>	The code which may be used to identify a batch of animals intended for slaughter before the age of 12 months and not for intra-Community trade of export. All animals of the batch carry one ear-tag with the same identification code (two-letter country code
<i>Type:</i>	A(18)
<i>Format:</i>	AA CCCCCCCCCCCCCCCC where AA is the 2-character alphabetic ISO 3166 country code, CCCCCCCCCCCCCCCC is the 16-digit alphanumeric holding ID
<i>Values:</i>	For country code (2-character alphabetic) see ISO 3166

47 TransporterFirstName	
<i>Definition:</i>	The first name(s) of the transporter
<i>Type:</i>	A(30)
<i>Format:</i>	
<i>Values:</i>	

48 TransporterlastName	
<i>Definition:</i>	The last name of the transporter
<i>Type:</i>	A(30)
<i>Format:</i>	
<i>Values:</i>	

49 TransporterPermitID	
<i>Definition:</i>	The identifier of the permit under which the transporter carries out the transport
<i>Type:</i>	A(16)
<i>Format:</i>	
<i>Values:</i>	

50 MeansOfTransportID	
<i>Definition:</i>	The identifier of the part of the means of transport carrying the animals
<i>Type:</i>	A(16)
<i>Format:</i>	
<i>Values:</i>	

51 DepartureDateTime	
<i>Definition:</i>	The date and time of arrival at the holding or place of destination. For animal welfare purpose there should be the option also to record the time of arrival. If the time recording is not used hours and minutes should be set to zero
<i>Type:</i>	D(16)
<i>Format:</i>	YYYYMMDDThhmm±hhmm where where YYYY is the year, MM is the month, DD is the day, T is a separator indicating that time-of-day follows, hh is the hour, mm is the minute and ±hh:mm is the time difference between local time and Coordinated Universal Time
<i>Values:</i>	

52 ArrivalDateTime	
<i>Definition:</i>	The date and time of departure from the holding of origin. For animal welfare purpose there should be the option also to record the time of arrival. If the time recording is not used hours and minutes should be set to zero
<i>Type:</i>	D(16)
<i>Format:</i>	YYYYMMDDThhmm±hhmm where where YYYY is the year, MM is the month, DD is the day, T is a separator indicating that time-of-day follows, hh is the hour, mm is the minute and ±hh:mm is the time difference between local time and Coordinated Universal Time
<i>Values:</i>	
53 CACheckRepresentativeName	
<i>Definition:</i>	The name of the representative of the competent authority who has checked the holding register
<i>Type:</i>	A(30)
<i>Format:</i>	
<i>Values:</i>	
54 CACheckDate	
<i>Definition:</i>	The date of the check of the holding register
<i>Type:</i>	D(8)
<i>Format:</i>	YYYYMMDD, where YYYY is the year, MM is the month and DD is the day
<i>Values:</i>	
55 CAReservedText	
<i>Definition:</i>	Data field reserved for competent authority in which information may be entered regarding animal health, such as movement restrictions, status on programmes
<i>Type:</i>	A(255)
<i>Format:</i>	
<i>Values:</i>	

Annex II Coded values**HoldingTypeCode (Data element 11)**

01	holding for meat production
02	holding for milk production
03	holding for meat and milk production
04	hobby holding
05	slaughterhouse
06	rendering plant
07	staging point / control post
08	market/collection centre
09	transhumance
10	fair, exhibition, show
11	other

HoldingSpecieskeptCode (Data element 12)

01	live horses, asses, mules and hinnies
02	live bovine animals
03	live swine
04	live sheep and goats
05	live poultry
06	Other livestock

KeeperOccupationCode (Data element 22)

01	full time farmer
02	part time farmer
03	hobby farmer
04	dealer
05	other

AnimalGenotypeCode (Data element 30)

ARR/ARR	ARH/ARH
ARR/AHQ	ARH/ARQ
ARR/ARH	ARH/VRQ
ARR/ARQ	ARQ/ARQ
ARR/VRQ	ARQ/VRQ
AHQ/AHQ	VRQ/VRQ
AHQ/ARH	
AHQ/ARQ	
AHQ/VRQ	

RetaggingReasonCode (Data element 35)

- 01 conventional tag illegible / lost and replaced with tag with identical code
- 02 conventional tag illegible / lost and replaced with tag with a different code
- 03 electronic identifier illegible / lost and replaced with an electronic identifier with identical identification code (but different retagging counter)
- 04 electronic identifier illegible / lost and replaced with an electronic identifier with a different code