Delegated Regulation (EU) N° 885/2013 of 15 May 2013 with regard to the provision of information services for safe and secure parking places for trucks and commercial vehicles

European Access Point for Truck Parking Data

Guidance Document for Member States on technical implementation of Delegated Regulation 885/2013 in relation to the European Access Point for Truck Parking Data

v1.1

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1 Introduction

1.1 Background

The ITS Directive (2010/40/EU) provides a legal framework in order to support the coordinated and interoperable deployment and use of ITS across Europe. The directive empowers the Commission to adopt delegated acts. Six priority actions have been defined in the ITS Directive and one of them - Action "e" - concerns the provision of information services for safe and secure parking places for trucks and commercial vehicles.

Specifications have been adopted by the Commission (delegated Regulation (EU) N°. 885/2013) on 15 May 2013. More information on the ITS Directive and delegated Regulation 885/2013 (including links to the actual legal documents) can be found at http://ec.europa.eu/transport/themes/its/road/action_plan/

1.2 European Access Point for Truck Parking Data

In accordance with Article 5 of the ITS Directive 2010/40/EU and Article 5 of delegated Regulation 885/2013 public or private parking operators and service providers shall share and exchange data related to safe and secure parking areas through a national or international access point. The adopted delegated act does not oblige the European Commission to develop an access point. However, the Commission has decided to develop a **European Access Point for Truck Parking Data**, since this need has been repeatedly expressed by Member States during the preparation phase with Member States experts and after the adoption of delegated Regulation 885/2013.

The European Access Point for Truck Parking aims to collect data related to safe & secure truck parking according to delegated Regulation 885/2013 in order to make the collected data available as DATEX II export. At this moment the Access Point will only **support static data** as defined in Article 4(1) and 4(2) of the delegated Regulation.

The sole responsibility for data quality and the necessary updating/maintenance obligations remain with the Member States that are submitting the data.

The main components of the Access Point are:

1) Data Collection/Delivery:

This component of the European Access Point is to be understood as a database maintained by the EC in order to collect and store data related to safe & secure truck parking from all Member States that deliver data. In order to deliver/collect data there are two main possibilities:

- **Web based Tool:** The European Access Point will support a web-based data collection tool. This tool enables Member States to directly enter data according to delegated Regulation 885/2013 through a web application. Access to the data entry/collection tool will be granted by the EC to registered Member State representatives only. The entered data will be stored in the database of the European Commission. The tool can further be used to maintain and update the data. The web application tool provides functionalities in order to enable Member States to edit and maintain/update their truck parking data prior to submitting them for publication in DATEX II format on the open data portal of the EC ("export").

  A user manual how to gain access and make use of the provided Web Tools is available on the DG MOVE Website:

  http://ec.europa.eu/transport/themes/its/safe_and_secure_parking_en.htm

- **DATEX II:** The European Access Point will support the import of DATEX II data to load the database as well as to perform updates of data by Member States according to delegated Regulation 885/2013. There are two possibilities to submit DATEX II data to the European Access Point:

  - Direct upload of DATEX II files via the web based tool - please compare with the user manual provided on the DG MOVE Website:

    http://ec.europa.eu/transport/themes/its/safe_and_secure_parking_en.htm

  - Use of DATEX II web service to push data to the Access Point - please compare with the document available on the DG MOVE Website:

    http://ec.europa.eu/transport/themes/its/safe_and_secure_parking_en.htm

In addition, since not all Member States are able to provide the data using DATEX II to the European Access Point in the early phase it is possible to provide the data using other formats than DATEX II, e.g. by CSV/XLS. Please note that this **will only be possible for the initial loading phase of data** to the European Access Point database. Initial loading phase means that the transmission of data to the European Access Point by the Member States in other formats than DATEX II will only be accepted for the very first population (meaning filling/inserting of data) of the database hosted by the EC. All further data input and the necessary updates of data will only be possible through the use of DATEX II or direct use of the provided Webtool.

2) Access to collected data / Export:

Based on the delivered/collected data stored in the EC database, the EC will make the data available on the:

- **European Open Data Portal:** DATEX II export files (XML files) of the EC truck parking database will be made available to the general public in a specific section

on the European Open Data Portal (http://open-data.europa.eu/en/data/dataset/etpa). The Webtool will enable Member States to directly publish their entered data as DATEX II compliant files on the open data portal.

- **TENTEC Portal:** To show the coverage of truck parking data on the European Access Point a dynamic map layer on the TENTEC Portal will display the availability of static truck parking data. Link: http://ec.europa.eu/transport/infrastructure/tentec/tentec-portal/map/maps.html?layer=38
- The layer will only display some of the fundamental key data of the truck parking areas on the TENTEC map – the actual data set will be accessible through the above mentioned European Open Data Portal.

1.3 Scope of this document

This document is an additional guidance for Member States to the delegated Regulation 885/13 on the provision of information services for safe and secure parking places for trucks and commercial vehicles. It provides additional information on the data elements of Article 4 of the delegated Regulation in order to ensure harmonised ways to implement delegated Regulation 885/2013.

Please note that the use of the European Access Point is not mandatory for Member States. However, if making use of the European Access Point the guidance given in this document is crucial in order to enable the import and export functionalities for the collected data since the database of the European Access Point is structured along the specifications of DATEX II. This means that the EC will only be able to store and publish data delivered from Member States (via the options described in Chapter 1.2) on the EC open data portal that are delivered in accordance to this guidance document.

The guidance document is mainly structured along the different elements of Article 4 of delegated Regulation 885/13. The guidance is naturally focused on the DATEX II standard (and in particular the available truck parking specifications in accordance to delegated Regulation 885/2013) since it is the format of data exchange. It aims to describe the choices that the EC has performed in setting up the European Access Point and gives guidance on how to interpret the regulation.

Therefore the guidance includes both relevant aspects for the use of DATEX II, but in addition also guidance enabling Member States to deliver data in an initial loading phase in other formats (e.g. XLS). The latter is mainly necessary in order to enable the Commission to transpose the data that is being delivered in other formats than DATEX II to the EC database (which is structured along the DATEX II specifications). The guidance has been developed in a joint effort of Member States experts together with the Commission services developing and maintaining the European access point. **However, this guiding document does in no way constitute an annex to the delegated Regulation 885/13.**

The technical guidance given in this document and the associated implementation of the European access point are based on the DATEX II specifications made available by the DATEX II community for the fulfilment of the data scope to be implemented according to delegated Regulation 885/2013. The current version applying to this guidance document and the European Access Point is:

CEN/TC 278 -
prCEN/TS 16157-6:2014
Intelligent transport systems — DATEX II data exchange specifications for traffic management and information — Part 6: Parking publications
This document is in draft status and has been submitted to standardisation – it can be found on the DATEX II homepage (http://www.datex2.eu/) – User Login needs to be requested by DATEX II website hosts. The DATEX II truck parking profile and its accompanying document Annex B (p.59) can be found at http://www.datex2.eu/content/datex-ii-parking-submitted-standardisation

1.4 Minimum DATEX II Profile

As a result of the setup process of the European Access Point for Truck Parking data the European Commission has defined the minimum content of DATEX II profiles for the exchange of static safe and secure truck parking related data in accordance to delegated regulation 885/2013. All relevant information regarding this minimum DATEX II Profile can be found in the separate Annex I of this Guidance Document.

2 Data collection

The following chapters describe important aspects of data collection that need to be followed in order to submit data to the European Access Point for truck parking if not using the provided online webtool.

2.1 Static data related to parking areas

2.1.1 Identification Information

Additional **guidance** to the
delegated Regulation 885/13 - Article 4
Point 1 "Static data related to the parking areas, including (where applicable)"
- Identification information of parking area (name and address of the truck parking area (limited to 200 characters))

The identification information of parking facilities consists of
- the name of the truck parking area which is meant to be the
  - official name as displayed on the road signs and
  - the commercial name if needed
- and the address of the truck parking area

In order to have a clear understanding about the name and the address of the truck parking area the name and address have to be provided **separately**.

The address itself can be provided in one single String or split in its components:
- street name
- house number
- city
- post code
- country code at format ISO 3166-1 alpha-2

The *identification information* should be structured in the following way, if not delivered in DATEX II:

Example – separate address components (recommended):

Name	Street Name	House Number	Postcode	City	Country
Ejer Bavnehøj Øst	Østjyske Motorvej	545	8660	Skanderborg	DK

Example – single address string:

Name	Address
Ejer Bavnehøj Øst	Østjyske Motorvej 545, 8660 Skanderborg

The address field is mandatory, but the information might not be available for specific parking facilities. Therefore it might be filled with any kind of information used on national level (e.g. "contact undefined", "along the motorway").

Examples:

Name	Address
Ejer Bavnehøj Øst	contact undefined
Ejer Bavnehøj Øst	Along the motorway

2.1.2 Location information of entry point

Additional **guidance** to the
delegated Regulation 885/13 - Article 4
Point 1 "Static data related to the parking areas, including (where applicable)"

- Location information of the entry point in the parking area (latitude/longitude) (20 + 20 characters)

The location information of the entry point in the parking area should be specified by its ETRS89 coordinates (latitude and longitude as float). In addition WGS84 coordinates will be accepted since the differences of the projection are considered insignificant for the use-case of truck parking areas.

An entry point is defined as an access in Datex II. Since accesses must be categorised the entry point will be defined as "vehicleEntrance" by default in case no other value has been specified when delivering data to the European access point.

Besides the default value for each access the following access types (Datex II AccessCategoryEnum) can be chosen:

Access category	Designation	Definition
vehicleEntrance	Vehicle entrance	An entrance for vehicles.
vehicleEntranceAndExit	Vehicle entrance and exit	An entrance and exit for vehicles.
vehicleExit	Vehicle exit	An exit for vehicles.
emergencyExit	Emergency exit	An exit that can be used by pedestrians in case of emergency (i.e. among others easy to access and signed).
pedestrianEntrance	Pedestrian entrance	An entrance for pedestrian
pedestrianEntranceAndExit	Pedestrian entrance and exit	An entrance and exit for pedestrian.

Access category	Designation	Definition
pedestrianExit	Pedestrian exit	An exit for pedestrian.
rentalCarReturn	Rental car return	An entrance to return rental cars.
bicycles	Bicycles	An access for bicycles.
other	Other	Other.
unspecified	Unspecified	The category of this access is not specified any further.
unknown	Unknown	Unknown.

As a general rule it should be possible in most cases of truck parking areas to define only **one entry point** per parking area. This entry point is defined as the location of the actual entry point of the truck parking area, rather than for instance the location of the exits that could be taken to reach the truck parking area. This is valid for cases such as:

- parking areas accessible from both directions of the motorway
- parking areas accessible from two different roads

Rather than defining more than one entry point, these cases shall be managed by defining two primary roads/direction as well as the name of exit (if applicable) to be taken from these roads to reach the entry of the parking area.

For any other specific cases, several entry points can be defined. The access category then becomes mandatory (no default value). Note that at least one primary road must be provided for each access.

In any case, at least one "vehicle entrance" (or "Vehicle Entrance And exit") must be defined per parking area.

The *information of the entry point in the parking area* should be structured in the following way, if not delivered in DATEX II:

Example – single entry point:

Location of entry point		Road information *(see chapter 2.1.3 – in DATEX at least one primary road identifier must be provided for each access)*			
Latitude	Longitude	Primary Road identifier 1	Direction 1	Exit to be taken 1	Distance from primary road1 in KM
44,065	0,743055	A2	Brussels	12	1,2

Example – multiple entry points:

Lat. 1	Long. 1	Access type 1	…Road information 1	Lat. 2	Long. 2	Access type 2	… Road information 2
44,0652	0,74373	vehicle entrance	*Full set of data (Primary Road Identifier, Direction, Exit, etc.)*	45,062	0,7554	vehicle entranceAndExit	*Full set of data (Primary Road Identifier, Direction, Exit, etc.)*

2.1.3 Primary road identifier / direction

Additional **guidance** to the
delegated Regulation 885/13 - Article 4
Point 1 "Static data related to the parking areas, including (where applicable)"

- Primary road identifier1/direction (20 characters/20 characters), and Primary road identifier2/direction (20 characters/20 characters) if same parking accessible from two different roads

2.1.3.1 Default implementation

The road identifier must be filled with the identifier/number of the road (e.g. M20, A2, E10, N10…). In absence of identifier the road/street name can be used.

Optionally, a road name can also be provided.

Since the direction is transposed in DATEX II as the road destination, the direction is to be understood, as the "Name of some city, area, compass direction or other identification the road is leading to (to determine the direction in question)".

Optionally, a second road identifier (primary road identifier2/direction) can be used if the same parking is accessible from two different roads.

Example

Primary road identifier 1	Primary Road name 1	Direction 1	Exit & distance from primary road1	Primary Road identifier 2	Primary Road name 2	Direction 2	Exit & distance from primary road 2
A16	L'Européenne	Belgium	… see Chapter 2.1.4	A16	L'Européenne	Paris	…see Chapter 2.1.4

2.1.3.2 Extended and recommended implementation

To go beyond this default implementation, and with the objective of harmonizing the primary road identifier/direction among the Member States it is recommended to use TMC[1] locations code to populate those fields rather than using national given road identifier/number of the road.

In order for service operators and users of the DATEX II export to evaluate a road ID and the direction as being TMC location codes, the TMC tag must start with "TMC".
In addition, a human readable description of the road/destination must also be provided as road name (ex. A20, L'occitane, Toulouse)

Format of the TMC location code for roads:
`TMC:cid {1}:tabcd {2}:LocationCode={3}`
where :

- `{1}` is the TMC country identifier (ex. 58 for Germany),
- `{2}` is the TMC table location code (ex. 1 for the only table of Germany),
- `{3}` is TMC location code of the road.

Format of the TMC code for directions :
`TMC:cid {1}:tabcd {2}:Direction={3}`
where :

- `{1}` is the TMC country identifier (ex. 58 for Germany),
- `{2}` is the TMC table location code (ex. 1 for the only table of Germany),
- `{3}` is TMC location code for the direction (ex : Negative, Positive)

Optional a second road identifier (primary road identifier2/direction) can be used if the same parking is accessible from two different roads.

[1] TMC stands for Traffic Message Channel

Example:

Primary road identifier 1	Direction of the primary road 1	Name or the primary road 1	Exit & distance from primary road 1
TMC:cid 16:tabcd 32:LocationCode=5014	TMC:cid 16:tabcd 32:Direction=Positive	A16, L'Européenne, Belgium	… see Chapter 2.1.4

Example with Two primary roads:

Primary road identifier 1	Direction of the primary road 1	Name or the primary road 1	Exit & distance from primary road 1	Primary road identifier 2	Direction of the primary road 2	Name or the primary road 2	Exit & distance from primary road 1
TMC:cid 16:tabcd 32:LocationCode =5014	TMC:cid 16:tabcd 32:Direction =Positive	A16, L'Européenne, Belgium	… see Chapter 2.1.4	TMC:cid 16:tabcd 32:LocationCode =5014	TMC:cid 16:tabcd 32:Direction =Negative	A16, L'Européenne, Paris	… see Chapter 2.1.4

2.1.4 Exit

Additional **guidance** to the
delegated Regulation 885/13 - Article 4
Point 1 "Static data related to the parking areas, including (where applicable)"

- If needed, the indication of the Exit to be taken (limited to 100 characters)/Distance from primary road (integer 3) km or miles

If needed, the indication of the Exit to be taken and the Distance from the primary road can be specified. The distance can be provided in kilometres or miles including the unit (km or miles).

The *exit / distance* should be structured in the following way, if not delivered in DATEX II:

Examples:

Exit	Distance	Unit
N°6 Namur zuid	5	km
Nr10 London East	10	Miles

Please note that due to DATEX II specification DATEX II exports of the European access point will be provided in meters only.

2.1.5 Total number of parking places for trucks

Additional **guidance** to the
delegated Regulation 885/13 - Article 4
Point 1 "Static data related to the parking areas, including (where applicable)"

- Total number of free parking places for trucks (integer 3)

The total number of free parking places for trucks (wording of the delegate Regulation) refers to the static information of the **maximum total number** of parking places for trucks.

When using DATEX II the parking assignment has to be specified in addition to the total number of parking places. Therefore in case other formats than DATEX II are used the default value for saving the data into the EC truck parking database of the European access point is **"**assignedParkingAmongOthers**"** if not indicated otherwise.

As recommended in the DATEX 2 documentation, Use "assignedParkingAmongOthers". If no other vehicles than lorries are allowed, use "onlyAssignedParking" instead.

Possible assignment types

Access type	Designation
assignedParkingAmongOthers	assigned parking among others
onlyAssignedParking	only assigned parking

Examples:

Total number of places	Assignement type
100	assignedParkingAmongOthers

2.1.6 Price and currency of parking places

Additional **guidance** to the
delegated Regulation 885/13 - Article 4
Point 1 "Static data related to the parking areas, including (where applicable)"

- Price and currency of parking places (300 characters)☐

The pricing conditions and payment currency of parking places refer to static information only.

According to the DATEX II specification the following is allowed:

- "freeOfCharge" if no charges are applied at all
- or the definition of at least one charge band

If data is delivered to European access point in an initial loading phase not using DATEX II the following simplified structure has to be used for the *pricing* information:

Example - parking is free of charge:

freeOfCharge
true

Example – charges are applied:

freeOfCharge	Currency	Charge1	Description1	Charge2	Description2	...
false	EUR	10	Tariff per hour < 7.5t	30	Tariff per hour < 20t	...

Please note that at this moment the European Access Point for Truck Parking is only able to accept the above mentioned simplified charge bands. In case more complex pricing structures are aimed to be delivered to the European Access Point they will only be able to be accepted in DATEX II format, subject to prior bilateral discussion with the European Commission Services.

The request on the possibility to add URLs to respective national charging websites instead of delivering all detailed pricing information was raised by Member States. A possible practical solution would be to foresee that in exceptional cases URLs directing to websites with detailed pricing information will be accepted by the Commission in case the truck parking prices are of a dynamic nature.

2.2 Information on safety and equipment of the parking area

2.2.1 Description of security, safety and service equipment

Additional **guidance** to the
delegated Regulation 885/13 - Article 4
Point 2 "Information on safety and equipment of the parking area"

- Description of security, safety and service equipment of the parking including national classification if one is applied (500 characters)
- Number of parking places for refrigerated goods vehicles (numerical 4 digits)
- Information on specific equipment or services for specific goods vehicles and other (300 characters)

In order to harmonise the description of security, safety and service equipment of the parking areas within the two sets of 500 and 300 characters foreseen in the above mentioned regulation all choices for possible security and safety equipment should adhere to DATEX II structure within the specifications.

To provide the information about security, safety and service equipment in a structured way the data should be structured in the following, if not delivered in DATEX II:

Name	Value	Example
CertifiedSecureParking	Boolean (Yes/No)	
DateOfCertification	Date (DD/MM/YYYY)	
LabelSecurityLevel	Integer [1->5]	
LabelServiceLevel	Integer [1->5]	
ParkingSecurityNationalClassification	String	
Supervision	*List of DATEX II items* ***(compare tables below)***	remote, patrol
Security	*List of DATEX II items* ***(compare tables below)***	dog, cctv, floodlight
parkingAdditionalSecurity	String	
Equipment	*List of DATEX II items* ***(compare tables below)***	toilet, shower
otherEquipment	String	
Service facilities	*List of DATEX II items* ***(compare tables below)***	hotel, motel
otherServiceFacilities	String	

Datex II items for "Security"

Code	Definition
areaSeperatedFromSurroundings	Site is separated from its surroundings. Can also be used to express a space for noise-producing vehicles, e.g. lorries with cooling generators.
cctv	CCTV (camera observation).
dog	Dog.
externalSecurity	External security, e.g. police or staff not directly belonging to the parking.
fences	Fences.

Code	Definition
floodLight	Flood light (stronger than lighting).
guard24hours	24/24 guard.
lighting	Site is illuminated in a normal way (but not as strong as 'floodLight').
none	There are no security measures.
securityStaff	Security staff.
socialControl	Social control e.g. parking situated in a neighbourhood. -
other	None of the values in this enumeration applies. Use 'parkingAdditionalSecurity' instead.
unknown	Unknown.

Datex II items for "supervision types"

Code	Definition
controlCentreOffSite	Control centre off site.
controlCentreOnSite	Control centre on site.
none	None.
onSite	On site.
patrol	Patrol.
remote	Remote.
unknown	Unknown.
other	Other.

Datex II items for "Service Facility types"

Code	Definition
bikeSharing	Bike Sharing.
cafe	Cafe.
carwash	Car wash.
docstop	The site is part of the Docstop project, http://www.docstoponline.eu, which means medical assistance for professional drivers.
foodShopping	Food shopping
Hotel	A hotel
Kiosk	Kiosk.
Laundry	A possibility for washing clothes (might also be a laundromat with coins).
leisureActivities	There are leisure activities offered on the site or in the very near surrounding. Use the additional description

Code	Definition
	attribute to give details.
medicalFacility	Medical facility.
Motel	Hotel on the motorway or other accommodation service.
motorwayRestaurant	Restaurant located on a motorway rest area.
motorwayRestaurantSmall	Smaller type of restaurant located on a motorway rest area. Might be with limited offers.
overnightAccommodation	OvernightAccomodation.
petrolStation	Indicates whether it is possible to get petrol.
pharmacy	Pharmacy.
police	Indicates whether a police station is on site or very close.
restaurant	Restaurant.
restaurantSelfService	A restaurant where people arange and fetch their meal themselve, this might enclose a buffet.
shop	A shop of unspecified kind.
sparePartsShopping	Spare parts shopping.
touristInformation	Tourist information with employees.
truckRepair	Truck repair.
truckWash	Truck wash.
vehicleMaintenance	Garage repair service.
tyreRepair	A tyre repair service.
other	Some other service facility. Use 'otherEquipmentOrServiceFacility' to specify it.
unknown	Unknown.

Datex II items for "Equipment"

Code	Definition
bikeParking	Bike parking.
cashMachine	Cash machine.
copyMachineOrService	A possibility to create copies of documents.
defibrillator	Medical equipment to provide first aid after heart attacks.
dumpingStation	Possibility to get rid of sewerage (especially for motorhomes).
electricChargingStation	For charging vehicles, motorhome supply etc. The 'numberOf...' attribute specifies the number of charging stations. You may specify the number of charging points and further information with component 'ElectricCharging'.
elevator	Indication of the availability of elevators.
faxMachineOrService	A possibility to send and/or receive faxes.
fireExtingiusher	Fire extinguisher
fireHose	A hose for water transport in case of fire.

Code	Definition
fireHydrant	Fire hydrant
firstAidEquipment	Equipment to support first aid on injured people. Note that 'defibrillator' is a separate literal.
freshWater	Possibility to get fresh water (e.g. for motorhomes) - toilets and showers etc. are not intended here.
iceFreeScaffold	A technical equipment to remove ice and snow from the roof of lorries.
informationPoint	An information point with employees.
informatonStele	An unmanned information point.
internetTerminal	Public internet terminal. Charges may be specified using the TariffsAndPayment section.
internetWireless	Public wireless internet. Specifying an amount would be the number of hotspots/access points. Charges may be specified using the TariffsAndPayment section.
luggageLocker	Possibility to deposit luggage in a safe way.
none	None.
payDesk	A possibility to pay for parking (with employees).
paymentMachine	A parking ticket machine.
picnicFacilities	Indication of whether any picnicking facilities, such as tables, chairs and shaded areas, are available.
playground	A playground for children.
publicCardPhone	Indicates, whether there's a public telephone available that can be used with a card.
publicCoinPhone	Indicates, whether there's a public telephone available that can be used with coins.
publicPhone	Indicates, whether there's a public telephone available.
refuseBin	Refuse bins for small amounts of garbage (see also 'wasteDisposal').
safeDeposit	A possibility to store valuable possession in a safe way.
shower	Indicates, whether there are shower facilities available.
toilet	Indicates, whether there are toilets available.
tollTerminal	A terminal, where toll charges can be paid manually (this does not mean a toll gate on the road)
vendingMachine	A vending machine for snacks, coffee etc. (without manpower).
wasteDisposal	Possibility to get rid of waste in a legal way (e.g. for truckers or motorhomes). Normal
unknown	Unknown.
other	Some other equipment. Use 'otherEquipmentOrServiceFacility' to specify it.

The total number of parking places for refrigerated goods should be defined as well. When using DATEX II the parking assignment type of those parking places for refrigerated goods has to be specified in addition to the total number of parking places. Therefore in case other formats than DATEX II are used the default value for saving the data into the EC truck parking database of the European access point is **"**OnlyAssignedParking**"** if not indicated otherwise.

The number of parking places for refrigerated goods is mandatory according to the delegated regulation; therefore, a value is expected even when there is no parking place for refrigerated goods vehicles (value = 0).
The number of places for refrigerated goods represent a subset of the total number of places for trucks.

Possible assignment types

Access type	Designation
assignedParkingAmongOthers	assigned parking among others
onlyAssignedParking	only assigned parking
prohibitedParking	Prohibited parking

Example:
100 places dedicated to refrigerated goods vehicles

Total number of places	Assignement type
100	onlyAssignedParking

No places for refrigerated goods vehicles

Total number of places	Assignement type
0	onlyAssignedParking

To implement the 3rd bullet point of the regulation ("Information on specific equipment or services for specific goods vehicles and other"), the total number of places per other specific goods vehicles can be provided:

Example:

Load type	Total number of places	Assignement type
hazardousMaterials	100	onlyAssignedParking
explosiveMaterials	0	prohibitedParking

Full List of Datex II Specific goods (loadType enumeration):

Code	Definition
abnormalLoad	Abnormal load
ammunition	Ammunition.
chemicals	Chemicals of unspecified type.
combustibleMaterials	Combustible materials of unspecified type.
corrosiveMaterials	Corrosive materials of unspecified type.
debris	Debris of unspecified type.
empty	No load.

Code	Definition
explosiveMaterials	Explosive materials of unspecified type.
extraHighLoad	A load of exceptional height.
extraLongLoad	A load of exceptional length.
extraWideLoad	A load of exceptional width.
fuel	Fuel of unspecified type.
glass	Glass.
goods	Any goods of a commercial nature.
hazardousMaterials	Materials classed as being of a hazardous nature.
liquid	Liquid of an unspecified nature.
livestock	Livestock
Materials	General materials of unspecified type.
materialsDangerousForPeople	Materials classed as being of a danger to people or animals.
materialsDangerousForTheEnvironment	Materials classed as being potentially dangerous to the environment.
materialsDangerousForWater	Materials classed as being dangerous when exposed to water (e.g. materials which may react exothermically with water).
Oil	Oil.
Ordinary	Materials that present limited environmental or health risk. Non-combustible, non-toxic, non-corrosive.
perishableProducts	Products or produce that will significantly degrade in quality or freshness over a short period of time.
petrol	Petrol or petroleum.
pharmaceuticalMaterials	Pharmaceutical materials.
radioactiveMaterials	Materials that emit significant quantities of electro-magnetic radiation that may present a risk to people, animals or the environment.
refuse	Refuse
toxicMaterials	Materials of a toxic nature which may damage the environment or endanger public health.
vehicles	Vehicles of any type which are being transported.
refrigeratedGoods	Refrigerated goods.
Other	Other.

2.2.2 Contact information of parking operator

Additional **guidance** to the
delegated Regulation 885/13 - Article 4
Point 2 "Information on safety and equipment of the parking area"
Contact information of the parking operator

- Name and surname (up to 100 characters)
- Telephone number (up to 20 characters)
- E-mail address (up to 50 characters)
- Consent of the operator to make his contact information public (Yes/No)

It is mandatory to define a parking operator which can be

- a person
- an authority or
- an organisation

The data being transmitted to the EC European access point needs to indicate if consent has been given by the operator to make his contact information public using a flag (Yes / No). If this flag is not present the EC will not be able to publish the data sets on the Open Data Portal of the EC.

Example:

First Name	Surname	Name of Organisation	Telephone number	E-mail address	Consent
Ralph	Jensen	Roline Holdings AS	+32123456789	example@ec.com	Yes
		Happy Parking Inc.	+32123456789	mailaddress@parking.com	No
Tim	Struppi		+321234567	asdf@parking.com	Yes

2.3 Other Datex II mandatory attributes

When using DATEX II a parking site must be classified either as "urban", "inter-urban" or "special Location" For each type a "subtype" is also requested ("nearby motorway, motorway, ferry terminal, airport terminal, on street parking…). Therefore in case other formats than DATEX II are used the default value for saving the data into the EC truck parking database of the European access point is **"Inter-urban / motorway"** if not indicated otherwise.

Possible Location types for Inter-urban parking sites :

Enumerated value name	Definition
layBy	An area along a road that offers temporary parking.
motorway	The parking is located directly on a motorway or a similar type of road.
nearbyMotorway	The parking is located with some distance to a motorway or a similar type of road but focussed on travellers from this motorway.
onStreet	Vehicles are parking on the roadside.
other	The parking is located somewhere else.

Possible Location types for Urban parking sites :

Enumerated value name	Definition
offStreetParking	Vehicles are parking off the road, e.g. on a parking space, a car park or some other area designed for parking.
onStreetParking	Vehicles are parking on the roadside.
other	The parking is associated with some other location.

Possible Location types for Special parking sites :

Enumerated value name	Definition
airportTerminal	The parking site is associated with an airport terminal.
cableCarStation	The parking site is associated with a cable car station.
campground	The parking site is associated with a campground.
cinema	The parking site is associated with a cinema.
coachStation	The parking site is associated with a coach station.
conventionCentre	The parking site is associated with a convention centre.
exhibitonCentre	The parking site is associated with an exhibition centre.
ferryTerminal	The parking site is associated with a ferry terminal.
market	The parking site is associated with a market.
other	The parking site is associated with some other location. Use

Enumerated value name	Definition
	"parkingOtherSpecialLocation" to specify details.
publicTransportStation	The parking site is associated with a public transport station.
religiousCentre	The parking site is associated with a religious centre.
shoppingCentre	The parking site is associated with a shopping centre.
skilift	The parking site is associated with a ski lift.
specificFacility	The parking site is associated with a specific facility (e.g. a hospital, a tourist site, a garden centre, a park etc.).. Attribute "parkingOtherSpecialLocation" may be used to specify details.
themePark	The parking site is associated with a theme park.
trainStation	The parking site is associated with a train station.
unknown	Unknown.
vehicleOnRailTerminal	The parking site is

Examples:

Parking site type	"Subtype" (Location Type)
InterUrbanParkingSite	nearbyMotorway
UrbanParkingSite	onStreetParking
SpecialLocationParkingSite	airportTerminal

2.4 Internationalisation

In general the field names (also referred as labels) should be given in English language. However in order to provide a multilingual approach the Member States can provide own national translation(s) in more or several used languages to in addition to each English field name. However it is important, that a link from the translation to the actual language is preserved by clearly associating each label to a language.

If using DATEX II Standard this is solved by using MultilingualString to deal with different languages:

- "Nom" – French
- "Name" – English
- "Name" – German
- "Naam" – Dutch

If data is delivered to European access point in an initial loading phase not using DATEX II the data must clearly indicate the used language for each data field.

2.5 Unique national identification number

To allow data updates of parking areas in the European access point it is required to use a unique identification number. This is used by the European access point to associate data updates to existing data of parking facilities.

The unique national identification number is composed of

- the country code using ISO 3166-1 two character country code (2 characters)
- separator "-"
- unique identifier

Examples:

Unique national ID
NL-12
SE-58
DE-10078