

Mercedes-Benz



powered by

T·Systems·

Manual TransportManagement (TM)

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1 Working with the platform

1.1 Selecting the applications

The IBL platform (inbound logistics) is an internet-based system that makes the logistical inbound data between Mercedes-Benz AG and its process partners transparent and checks it.

In the TM, freight forwarders can reserve time slots and enter data for their delivery cover sheets.

Data senders receive transparency with regard to the quality of the transport data. Incorrect data are displayed and can be corrected or recorded online.

You can access the TM in the application list on the start page of the supplier portal under "IBL".

<https://supplier-portal.mercedes-benz.com>

2 Transports

The "**Find transport data**" function is a detailed search function for the transports assigned to the DQM application. The objects found are shown in a results list. From this list, you can go to a detailed view, where the transport is shown in a tree structure. You can correct the transport there, if necessary. It is important to remember here that transports that have been detected as duplicates by the system as well as those that have already been posted can no longer be changed or corrected. It is a 14 day retrospective display, starting from the EDICS date of receipt.

Data senders (suppliers and freight forwarders) are immediately notified via email in the event of category A or B errors or if data packages are unable to be processed, provided the corresponding notification function has been activated using the **Eigene Einstellungen (I002) (Personal settings)** master data function.

2.1 Find transports (T600)

The following appears as the search result:

The screenshot shows the 'Transporte suchen' (Search Transports) interface. It features search filters for 'Datum' (Date) and 'Zell' (Cell), a 'Suchen' (Search) button, and a results table. The table has columns for 'Status', 'Filter', 'Löschen', 'Daten-Empfangswerk', 'Waren-Empfangswerk', 'Bordero-Nummer', 'Spedition-Nummer', 'Transportart', 'Transp.-status', 'Bordero-datum', 'Lieferanten-Nummer', and 'Lieferschem-Nummer'. A status summary table is also visible on the right side of the interface.

Status	Anzahl	Status	Anzahl
<input checked="" type="checkbox"/> A	99	<input checked="" type="checkbox"/> D	0
<input checked="" type="checkbox"/> B	0	<input checked="" type="checkbox"/> E	3
<input checked="" type="checkbox"/> C	0	<input checked="" type="checkbox"/> F	9
<input checked="" type="checkbox"/> G	13	<input type="checkbox"/> H	0
<input checked="" type="checkbox"/> I	0	<input type="checkbox"/> J	0
<input checked="" type="checkbox"/> K	0	<input type="checkbox"/> L	0
<input checked="" type="checkbox"/> M	0	<input type="checkbox"/> N	0

The following search criteria are available for the user:

1. Search criteria can be entered in this line. The user can restrict the search to the **plant** (data receipt plant, incoming goods plant) and the **consignment data** (data sender number, transport partner number, bordereau number, supplier number, consignment number, delivery note number or recording system).

Note: Wildcards/placeholder characters "*" and "?" can be included in the search criteria.

For the **Delivery note number** field, the **"Diverse"** search option is available. With the **"Diverse"** search option, only consignments that contain more than one different value in the respective field are found.

The width of the columns can be increased or decreased. In addition, the display can be sorted by clicking on one of the fields within the selection line/menu line. A small triangle appears.

Ascending = the triangle points upwards or
Descending = the triangle points downwards



2. The period of time and the time for the search can be defined here. The date is entered in numerical form **dd.mm.yy** or selected by means of the calendar function. Click on the calendar symbol here and select the desired date from the calendar.

The time of day is entered in the format **hh:mm**.

3. Furthermore, the checkboxes can be used to select the error categories.

Brief explanation of the error categories:

Symbol	Designation	Description
	Error category A	Serious error
	Error category B	Error
	Error category C	Warning
	Error-free	No error
	Under investigation	Object is currently being checked
	Target system not available	Target system (e.g. WES) is not available

	Duplicate	This transport is already contained in the system; it cannot be modified or corrected.
	Reposted	Transports which have already been reposted/processed
	Only drafts	Only the transport drafts created in TM are displayed
	Select all	This icon is used to select/deselect all error categories

In addition to the status, the following symbols may also appear in the search results:

Symbol	Designation	Description
	Only processed transports	Only the processed transports are displayed
	Deleted transports	Only deleted transports are displayed
	Confirmed transports	Only confirmed transports are displayed
	Delete duplicate (in search result)	By clicking on the symbol, the duplicate is deleted from the screen in DQM. In this case, the recipient plant must be notified so that the data can also be canceled there.

4. The selection is displayed after clicking on **Search**.

Note: Each time the selection is changed, it must be carried out again to obtain the desired view.

5. By selecting one or more transports, these can then be downloaded via the export function. They are output in XML or VDA4921 format.

2.1.1 Pre-filling the "Data receipt plant" field

The "**Personal settings (I002)**" function includes the option of creating a **default data receipt plant**.



The plant selected as the "**Default data receipt plant**" is shown as the standard data receipt plant when DQM functions are called up, i.e. pre-filling of the screens. If searching for another data receipt plant or carrying out an unrestricted search for **All plants**, this must be manually changed in the search settings or a change must be made to the "**Default data receipt plant**".

2.1.2 Difference between the incoming goods plant and the data receipt plant in the search screens

There is a difference made between the "Incoming goods plant" and the "Data receipt plant" in the search screens:

Datenempfangs-Werk	Warenempfangs-Werk
alle Werke	alle Werke

Both the EDI and the goods are always sent to the incoming goods plant. The "**Data receipt plant**" is automatically filled in by a stored mapping table should the data receipt plant differ from the incoming goods plant.

Example (When do the incoming goods plant and the data receipt plant differ?):

If an EDI is sent to the "**Incoming goods plant**" 002, Control Center/Sales, the entry "010, Stuttgart Untertürkheim" automatically appears in the field "**Data receipt plant**". This is allocated automatically by a stored mapping table.

Note:

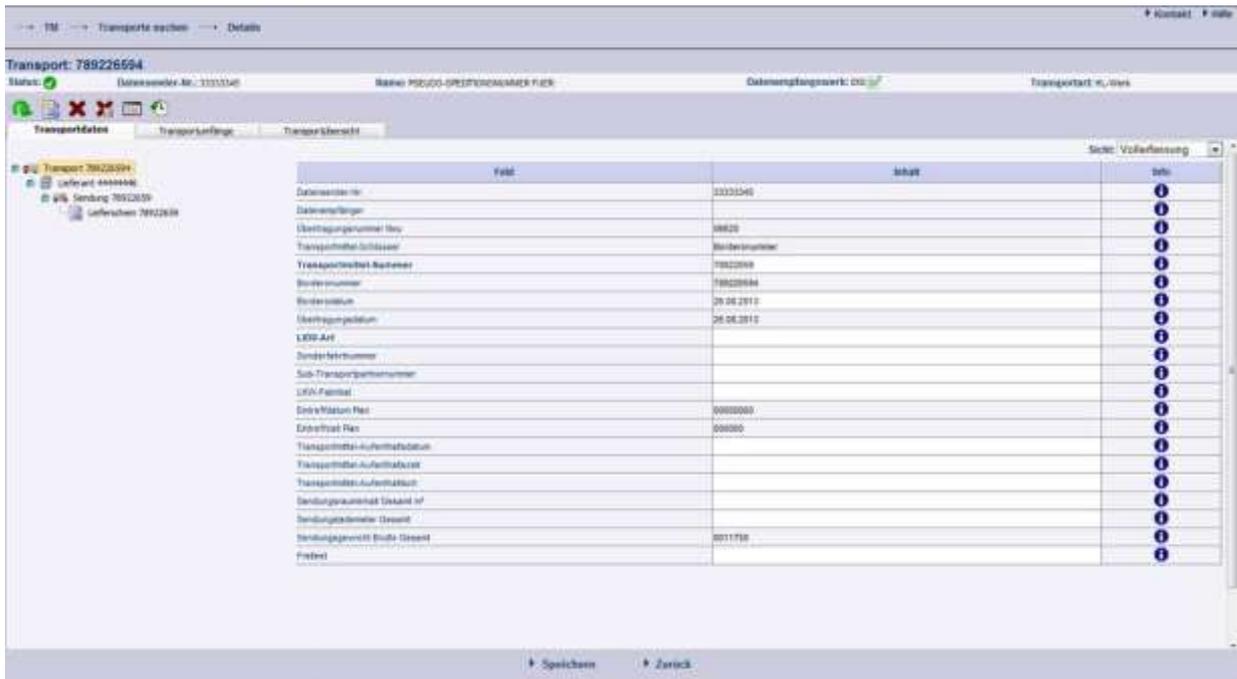
The processing or data routing and the stored mapping table are already running in the background. The new release makes this transparent in the DQM system. The mapping table is stored in the Online Help.

2.1.3 Transport details

By clicking on the status, the user can access the "**Transports - Transport details**" function for the selected transport.

There are 3 tabs available here:

2.1.3.1 Transport data:



The view is divided into four columns (navigation tree, field, content and information).

1. Navigation tree:

The navigation tree is on the left. The user can navigate to the individual levels here.

An object with errors (supplier, transport, consignment, delivery note) is indicated in red type. The red font indicates errors within the object described. A red symbol indicates errors in the hierarchies subordinate to the object. Text highlighted in blue indicates the object that is displayed on the right side under "Field" and "Content".

Symbol	Red symbol	Area
		Transport
		Supplier
		Consignment
		Delivery note
		Article number

2. Field column:

Name of the input field.

3. Content column:

An entry is obligatory in all mandatory fields (indicated in bold type). The line is highlighted in red when an error occurs.

4. Info column:

Clicking on the info symbol displays the corresponding field description, format and remarks for each field.

Field description



In the event of an error, a red exclamation mark appears. Clicking on the symbol displays the error message



You can find a detailed description of the field contents in the EDI manual in Section 9.4 (The EDI manual is available from the Mercedes-Benz AG Supplier Portal (<http://supplier.mercedes-benz.com>) under "**Collaboration**", "**Production and Logistics**", "**Data communication with Mercedes Benz AG**".

5. Before entering delivery note data, the user can choose between two **views**:
Complete entry:
All of the fields are displayed. Mandatory fields are displayed in bold type.
Quick entry:
Only the mandatory fields are displayed.
6. An object with errors (supplier, transport, consignment, delivery note) is indicated in red type. The red font indicates errors within the object described. A red symbol indicates errors in the hierarchies subordinate to the object.

To view the data, click on the desired object. The data can be viewed and edited in the "Field" and "Contents" columns.
7. The consignment/delivery note levels also show the details from the referenced delivery note data. These details cannot be altered or corrected. The fields are shaded in a darker color.

Symbol	Designation	Description
	Check transport	If corrections have been made, you can use this function to check the changes made.
	Add	This function can be used to create consignment references
	Delete element	The "Delete element" function deletes the element selected in the tree (after a security query)
	Mark multiple elements	Clicking on this symbol displays selection fields that enable multiple positions to be marked simultaneously in the navigation tree. The marked items can then be deleted using the delete symbol.
	Time window	This takes you to the planning grid for time frame reservations. See Section 5.1
	Duplicate	The "Duplicate" function creates a draft that can be used as a template.
	Templates	The "Save template" function saves the current transport and all the subobjects contained in it. A transport template can be loaded in the template overview with the "Load template" function and can then be edited.
	Find	The search button (magnifying glass symbol) which opens a search window directly above the navigation area. Entering figures or letters starts a search for the respective content in the tree. The "Next/back" buttons enable you to search through the whole tree, taking you to the next match in each direction.
	Add packaging	This function allows further packaging to be added
	History	Every change that is then saved creates a new version of the EDI data. Here, the user has the option of viewing the history (versions) of the data
	Unlock	Confirmed transports can be unblocked if necessary.

2.1.3.2 Scope of transport:

Only the first packages are displayed in each case, and only these can be confirmed.



Packages lower down can be confirmed at the following levels:

- Transport
- Supplier
- Consignment
- Delivery note
- Package (individual confirmation at "first package" level)

To apply confirmation a convenience function is available in the relevant rows. Selecting and deselecting the check symbol will mark all the following packages in the list as confirmed/unconfirmed. The status will change from green to red or vice versa as appropriate. If changes to attributes have already been made the status will change from green to red there, or vice versa.

Consignment references, delivery note references and packages are only possible in the case of consignment references, delivery note references and packages added by the confirmer (this applies both to their creation and any later corrections to be applied). Packages taken from a consignment are displayed in a different way to packages added to a transport. This makes it easy to distinguish the source of the data and resultant options for alterations. If the data selected is not linked to a consignment this is shown as a reference error.



Click on the PDF symbol in the top right corner to open the pick-up list:

Bordero-Nr: 789226636	Speditions-Nr: 33333345	Abholliste
Transportart: H	Speditionsname: PSEUDO-SPEDITIONSNUMMER FUER	

Lieferanten-Nr.: 44444446	Lieferantenname: PSEUDO-LIEFERANTENNUMMER FUER
----------------------------------	---

<u>Lieferschein-Nr.</u>	<u>Sendungs-Nr.</u>	<u>Packstuck-Nr. von</u>	<u>Packstuck-Nr. bis</u>	<u>Label</u>	<u>Abl.</u>	<u>Packmittel-Nr.</u>	<u>Anzahl</u>	<u>Werk</u>	<u>Abgeholt</u>
78922663	78922663	1		M	659Z	5003	1		

Abholdatum:		Abholzeit:		Packmittel Gesamt:	5003	1		
-------------	--	------------	--	--------------------	------	---	--	--

Dokumentation weiterer Abholumfang

<u>Lieferschein-Nr.</u>	<u>Sendungs-Nr.</u>	<u>Packstuck-Nr. von</u>	<u>Packstuck-Nr. bis</u>	<u>Label</u>	<u>Abl.</u>	<u>Packmittel-Nr.</u>	<u>Anzahl</u>	<u>Werk</u>	<u>Abgeholt</u>

Unterschrift Lieferant

Unterschrift Fahrer

Note

Packages are confirmed by the freight forwarder based on the transport and are therefore independent of the supplier's consignment data. In the confirmation, these attributes are therefore stored separately with the transport. As a result, this information is directly protected from any amendments or deletions made to the consignment data.

Comment: If different attribute values for the packages in the VDA4913 transfers are transferred via the mechanical confirmation interface, they will not be displayed at the front end in this level of implementation. They will initially only be saved in the database (including a difference ID) so that it can be used to assess data quality and frequency of deviation.

In addition to the package data, the consignment's weight data required for freight invoicing (i.e. net/gross consignment weights) is also copied to the transport, because the freight forwarder is not allowed to modify the VDA4913 consignment data.

The freight invoice is always made up with the weight data from the VDA4913 as notified by the supplier.

2.1.3.3 Transport summary:

A summary of transports per supplier is shown here



The screenshot shows a software interface with three tabs: 'Transportdaten', 'Transportumfänge', and 'Transportübersicht'. The 'Transportübersicht' tab is active and displays a table with the following data:

Lieferanten-Nr.	Lieferantenname	Packmittel-Nr	Anzahl	Volumen(m³)
44444446	PSEUDO-LIEFERANTENNUMMER FUER	6428	11	0,737
		5003	1	0,180
		Gesamt:		0,917

Packmittel-Nr	Anzahl	Volumen(m³)
5003	1	0,180
6428	11	0,737
Transport Gesamt:		0,917

2.2 Transport history

Access is via the  symbol in the toolbar in the Transport view.

The "**History**" function allows the user to view consignment data and compare the transferred data before and after correction.

With every saved change to the consignment within TM, a new **version** is created. The navigation tree is displayed in the left- and right-hand areas. The version can be chosen in the selection box. For corrections in the Mercedes-Benz AG inward goods processing system (WES), only the original consignment is displayed on the left.

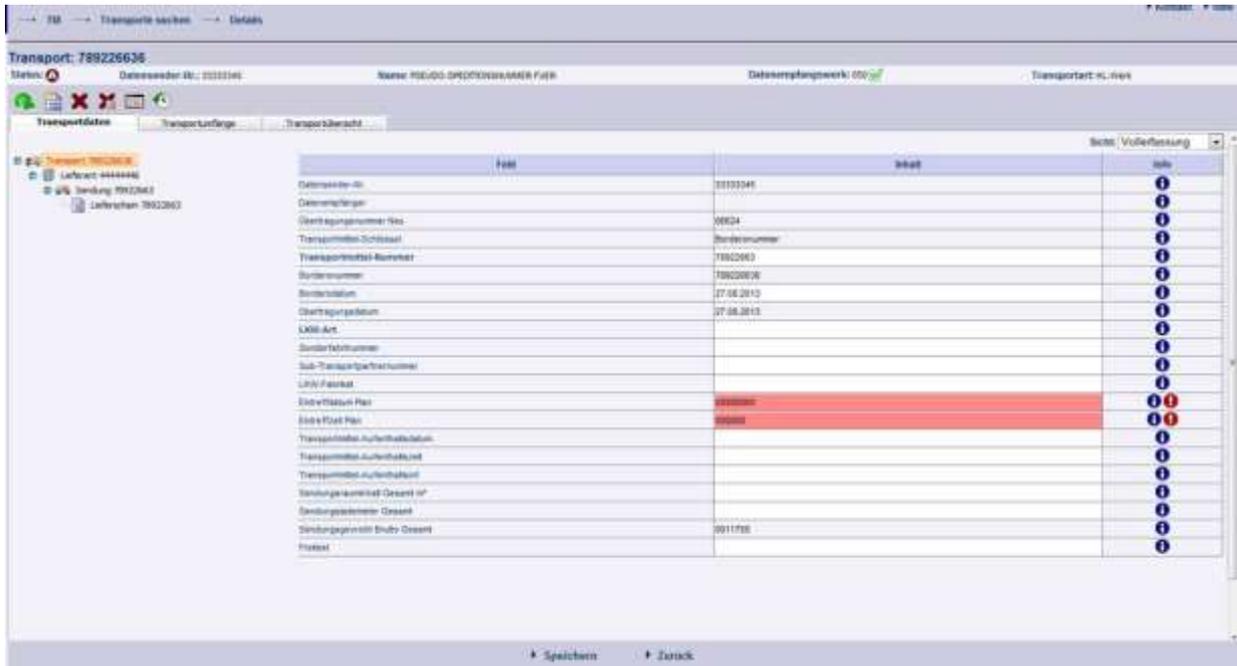
As well as the **version number**, the date, time and **author** (Mercedes-Benz AG or supplier) are shown. Together with the version, the current status of each consignment is also shown. The versions are given serial numbers beginning with 0. Version 0 is the uncorrected original consignment.

The hierarchical structure of the navigation tree is illustrated in the following diagram:

2.2.1 Correcting the transport data

An object with errors (transport, consignment reference, delivery note reference) is indicated in red font - A red font indicates errors within the described object. Folders colored in red indicate errors in the hierarchies subordinate to the object.

The **Correction** function enables the user to make corrections to the consignment data.



1. Error

- A **red** symbol indicates errors in the hierarchies subordinate to the object. Highlighted text indicates the object that is displayed on the right side under "Field" and "Content".
- An object with errors (consignment, delivery note, delivery note item, packaging item) is indicated in **red** type - the red type indicates errors within the object described.
- The error is in the field element on a **red** background.

2. Information:

The user has the option of viewing the error description by clicking on the **i** button or the field description by clicking on **i**. A pop-up window appears containing the corresponding error message. Now you can make the corrections.

3. Fields:

- The field elements on a **gray** background are not verified during the checking process.
- The field elements on a **white** background, however, are verified during the checking process.

- Fields with headings in **bold** are mandatory fields and must be completed even if they do not need to be verified during a checking process.

4. **Correction:**

Once the user has made the corrections, there are two ways to proceed:

- **Check**  Checks the current changes. Fields changed by the editor are subjected to corresponding checking processes, provided the fields are not on a gray background.



- **Save** The changes are only saved if the "**Speichern**" (Save) link is clicked on the screen

Clicking on the "**Speichern**" (Save) link saves the changes. The changes are transferred to the Mercedes-Benz AG target system as soon as the consignment has the status "".

5. Click the "**Zurück**" (Back) link to return to the Transport search.

2.2.2 Corrections according to plant type

Depending on which Mercedes-Benz AG plant is to receive deliveries, the user can choose from several functions for correcting data. Further processing of the data in the follow-on systems and their connection determine whether and to what extent the consignment data can be corrected.

In the header of the "Clearing" screen, the data receipt plants are identified with a corresponding symbol:

Symbol	Designation	Description
	Standard correction	In a plant such as this, the same standard correction options are available to the user as was previously the case.
	Advanced correction	In one of these plants, advanced correction options are available to the user.

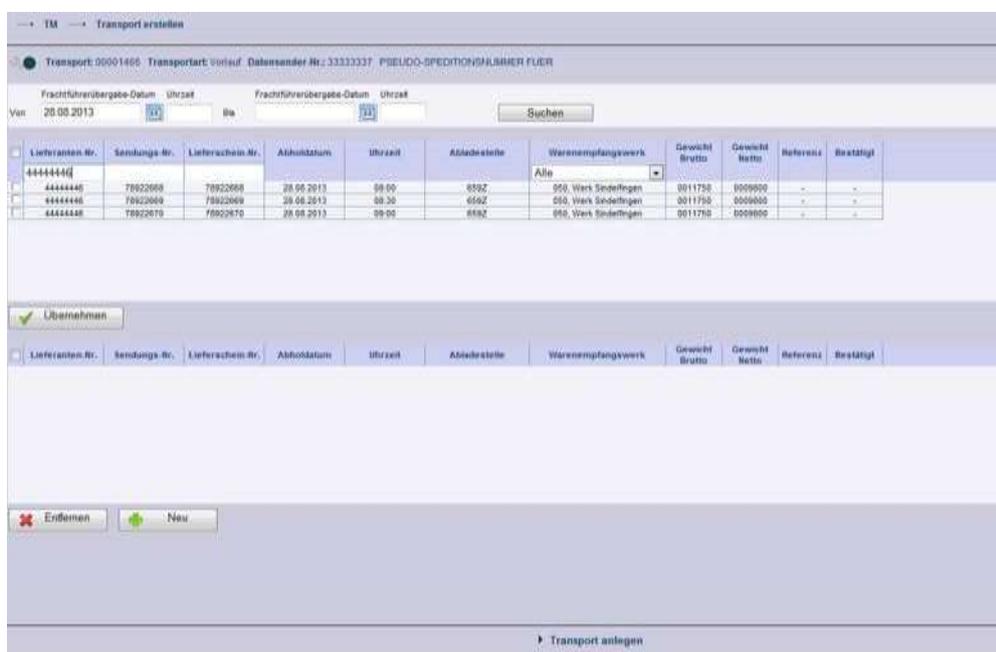
2.3 New pre-transport (T601)

The "New pre-transport" function (T601) takes you to the process selection for generating a new pre-transport and sending it from TM.



Complete the fields shown for the relevant transport type, then click "Weiter" (Next) to continue the entry.

The next step enables you to search for existing consignments (VDA4913) that the transport is being created for. Transferring the consignment data both reduces the manual workload and establishes the reference between transport and consignment.



The selection criteria allow you to search for a specific consignment

→ TM → Transport erstellen

Transport: 00001466 Transportart: Vorlauf Datensender-Nr.: 33333337 PSEUDO-SPEDITIONSNUMMER FUER

Frachtführerübergabe-Datum Uhrzeit Frachtführerübergabe-Datum Uhrzeit
 Von 28.08.2013 23 Bis Suchen

<input type="checkbox"/>	Lieferanten-Nr.	Sendungs-Nr.	Lieferschein-Nr.	Abholdatum	Uhrzeit	Abladestelle	Warenempfangswerk	Gewicht Brutto	Gewicht Netto	Referenz	Bestätigt
<input type="checkbox"/>	44444446						Alle				
<input type="checkbox"/>	44444446	78922668	78922668	28.08.2013	08:00	659Z	050, Werk Sindelfingen	0011750	0009800	-	-

Übernehmen

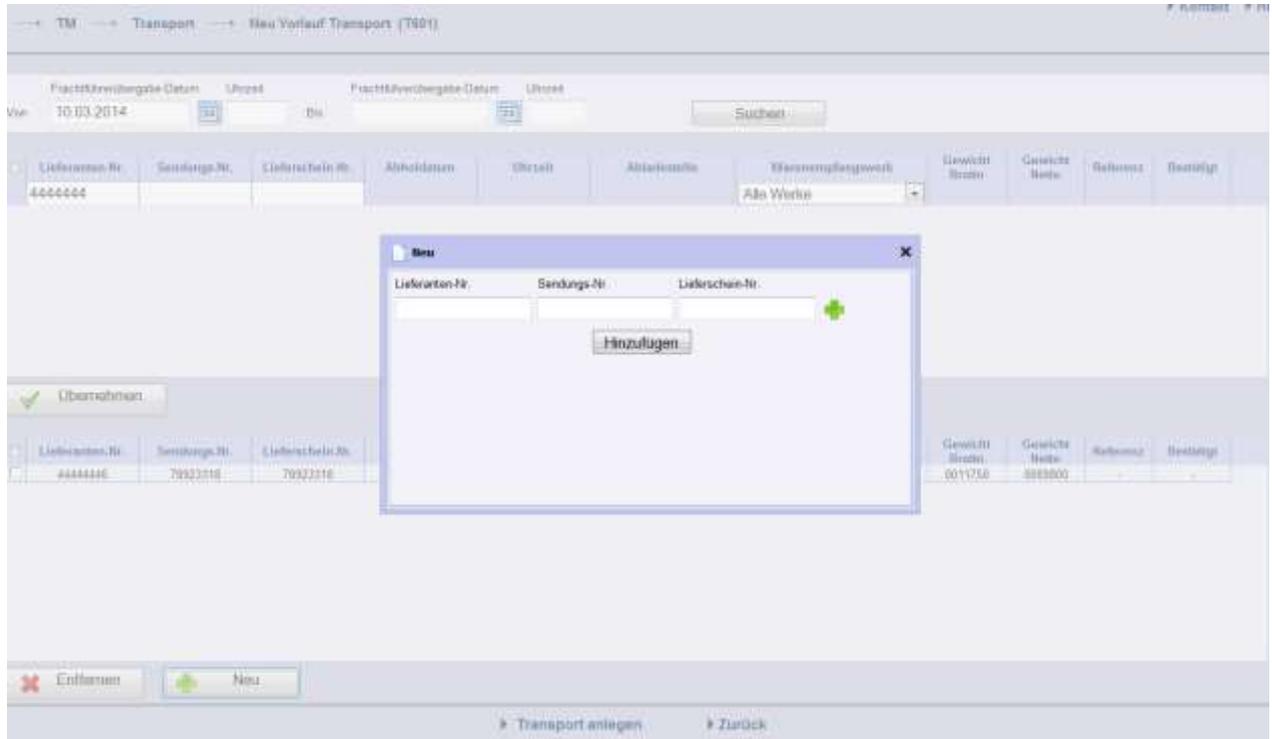
<input type="checkbox"/>	Lieferanten-Nr.	Sendungs-Nr.	Lieferschein-Nr.	Abholdatum	Uhrzeit	Abladestelle	Warenempfangswerk	Gewicht Brutto	Gewicht Netto	Referenz	Bestätigt
<input type="checkbox"/>	44444446	78922670	78922670	28.08.2013	09:00	659Z	050, Werk Sindelfingen	0011750	0009800	-	-
<input type="checkbox"/>	44444446	78922669	78922669	28.08.2013	08:30	659Z	050, Werk Sindelfingen	0011750	0009800	-	-

Entfernen Neu

▶ Transport anlegen

Relevant consignments can now be assigned to the transport by clicking "Übernehmen" (Transfer). The transport is created via "Transport anlegen" (Create transport).
 Consignments transferred by mistake can be deleted by clicking "Entfernen" (Remove).

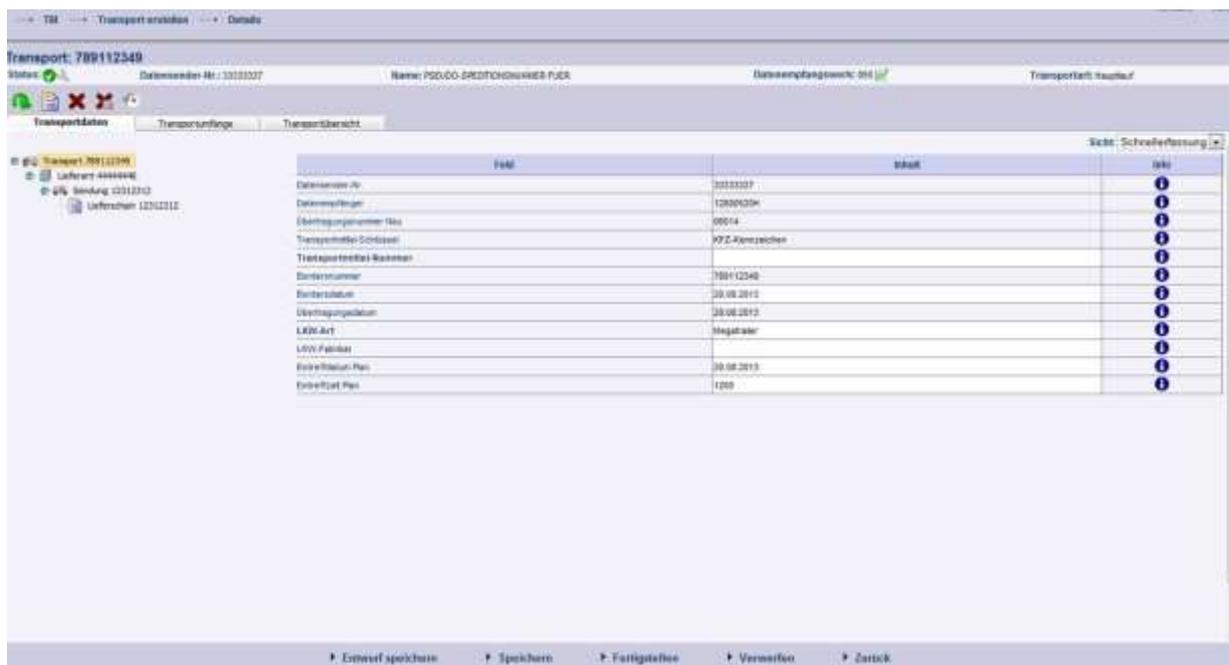
If a consignment does not appear in the search result it can be added manually by clicking on "Neu" (New):



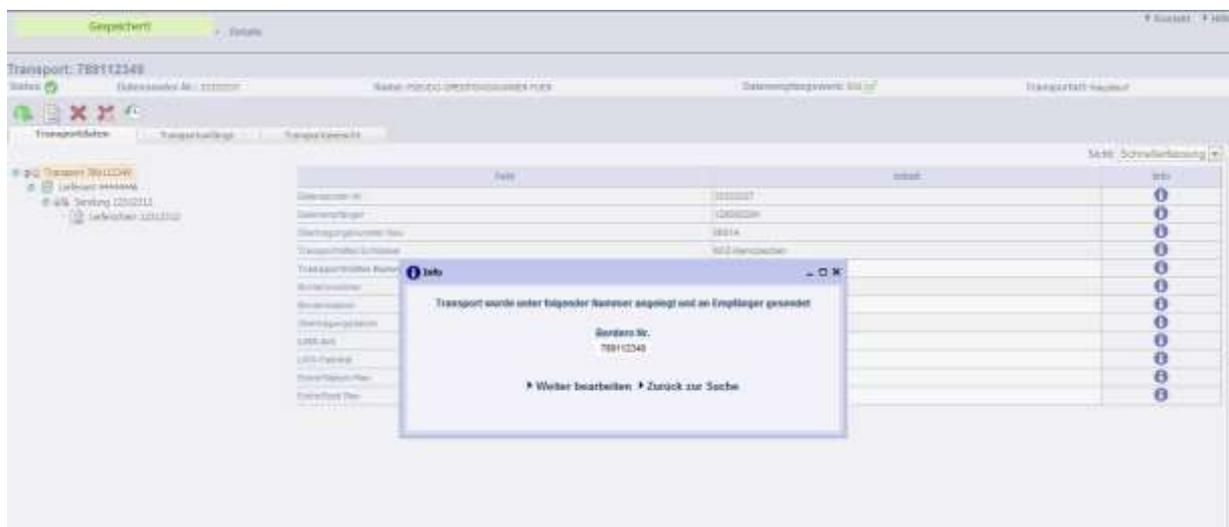
With the  icon it is possible to reference several delivery note numbers per consignment number.

In this case, however, it is not possible to generate a reference. This is indicated in the transport summary:





When the scope of the transport has been specified with all the consignments and delivery notes, the transport header data still needs to be entered before the transport entry can be completed. Once all the required data is entered, the transport can be saved as a draft if processing is to be completed later, or transferred by clicking on "Fertigstellen" (Finish).



Note: In the case of a pre-transport, a consecutive bordereau number is assigned, which enables the transport to be displayed in the T600 search function. After confirmation of the transport, it is possible to continue processing or go to "Suche Transporte" (Find transports) (T600).

2.4 New main transport

2.4.1 New main transport (T602)

The "Neuer Hauptlauf Transport" (New main transport) function (T602) takes you to the process selection for generating a new pre-transport and sending it from TM.

Hauptlauf (Spedition => Speditionshub oder Crossdock)

i Dieser Transport beinhaltet die Abholung der Ware von einem nahen Umschlagpunkt (Hub) und die Verbringung zu einem nahen Umschlagpunkt (Hub / Crossdock).

Datensender Nr.:

Bordernummer:

Transportpartnernummer Crossdock:

Werk:

Complete the fields shown for the relevant transport type, then click "Weiter" (Next) to continue the entry.

The next step enables you to search for existing consignments (VDA4913) that the transport is being created for. Transferring the consignment data both reduces the manual workload and establishes the reference between transport and consignment.

TM -> Transport erstellen

Transport: 00001466 Transportart: Vorlauf Datensender Nr.: 33333337 PBEUDO-SPEDITIONSHUBMER FUER

Frachtführerübergabe-Datum Uhrzeit Frachtführerübergabe-Datum Uhrzeit

Von 20.08.2013 Bis 21.08.2013 Suchen

Lieferanten-Nr.	Sendungs-Nr.	Lieferschein-Nr.	Abholdatum	Uhrzeit	Abholstelle	Warenempfangswerk	Gewicht Brutto	Gewicht Netto	Referenz	Bestätigt
4444444Q						Alle				
44444446	7892068	7892068	20.08.2013	08:00	656Z	050, Werk Sindelfingen	0011750	0009800	-	-
44444446	7892069	7892069	20.08.2013	08:30	656Z	050, Werk Sindelfingen	0011750	0009800	-	-
44444448	7892070	7892070	20.08.2013	09:00	656Z	050, Werk Sindelfingen	0011750	0009800	-	-

Übernehmen

Lieferanten-Nr.	Sendungs-Nr.	Lieferschein-Nr.	Abholdatum	Uhrzeit	Abholstelle	Warenempfangswerk	Gewicht Brutto	Gewicht Netto	Referenz	Bestätigt
-----------------	--------------	------------------	------------	---------	-------------	-------------------	----------------	---------------	----------	-----------

Entfernen Neu

Transport anlegen

The selection criteria allow you to search for a specific consignment

→ TM → Transport erstellen

Transport: 00001466 Transportart: Vorlauf Datensender-Nr.: 33333337 PSEUDO-SPEDITIONSNUMMER FUER

Frachtführerübergabe-Datum Uhrzeit Frachtführerübergabe-Datum Uhrzeit
 Von 28.08.2013 23 Bis Suchen

<input type="checkbox"/>	Lieferanten-Nr.	Sendungs-Nr.	Lieferschein-Nr.	Abholdatum	Uhrzeit	Abladestelle	Warenempfangswerk	Gewicht Brutto	Gewicht Netto	Referenz	Bestätigt
<input type="checkbox"/>	44444446						Alle				
<input type="checkbox"/>	44444446	78922668	78922668	28.08.2013	08:00	659Z	050, Werk Sindelfingen	0011750	0009800	-	-

Übernehmen

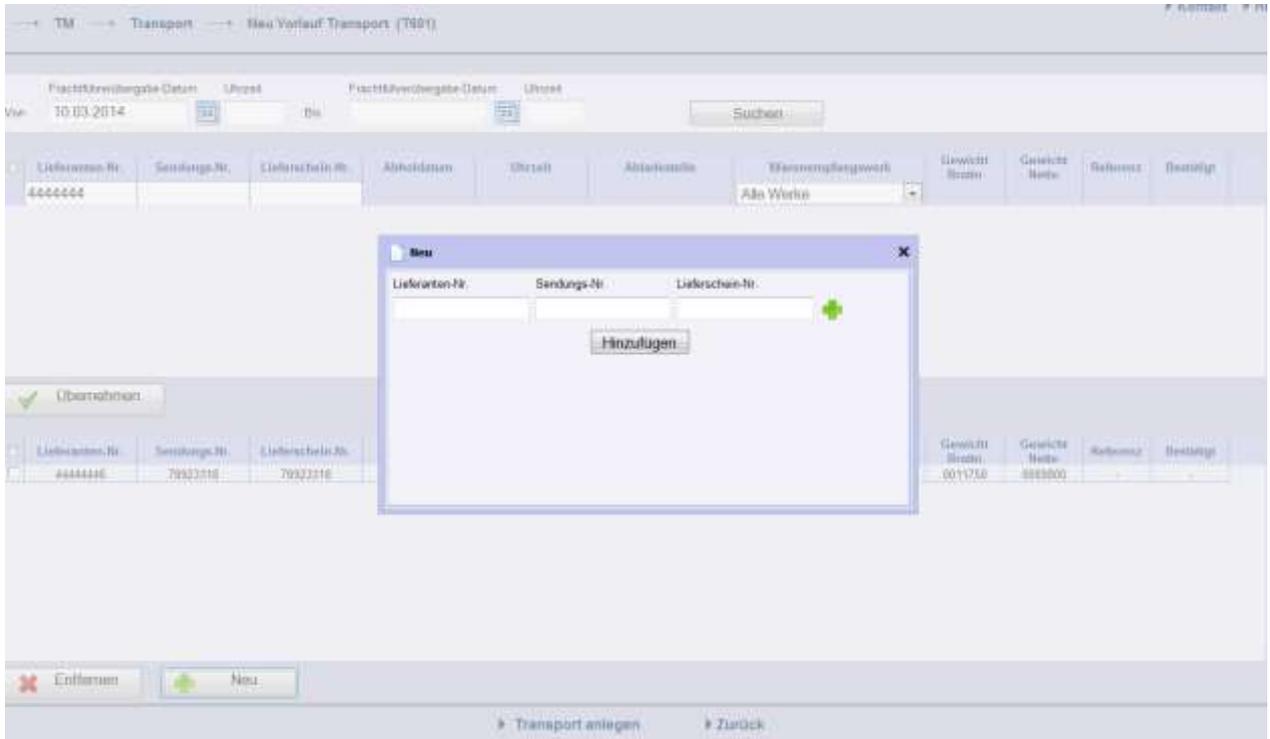
<input type="checkbox"/>	Lieferanten-Nr.	Sendungs-Nr.	Lieferschein-Nr.	Abholdatum	Uhrzeit	Abladestelle	Warenempfangswerk	Gewicht Brutto	Gewicht Netto	Referenz	Bestätigt
<input type="checkbox"/>	44444446	78922670	78922670	28.08.2013	09:00	659Z	050, Werk Sindelfingen	0011750	0009800	-	-
<input type="checkbox"/>	44444446	78922669	78922669	28.08.2013	08:30	659Z	050, Werk Sindelfingen	0011750	0009800	-	-

Entfernen Neu

▶ Transport anlegen

Relevant consignments can now be assigned to the transport by clicking "Übernehmen" (Transfer). The transport is created via "Transport anlegen" (Create transport). Consignments transferred by mistake can be deleted by clicking "Entfernen" (Remove).

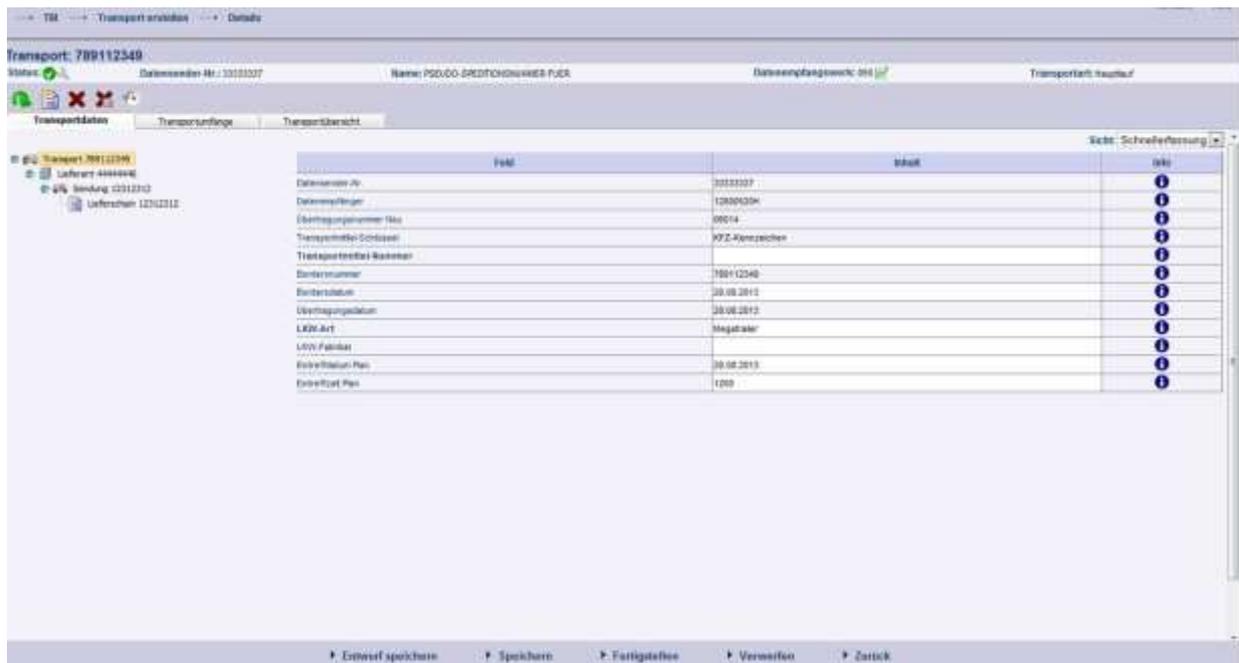
If a consignment does not appear in the search result it can be added manually by clicking on "Neu" (New):



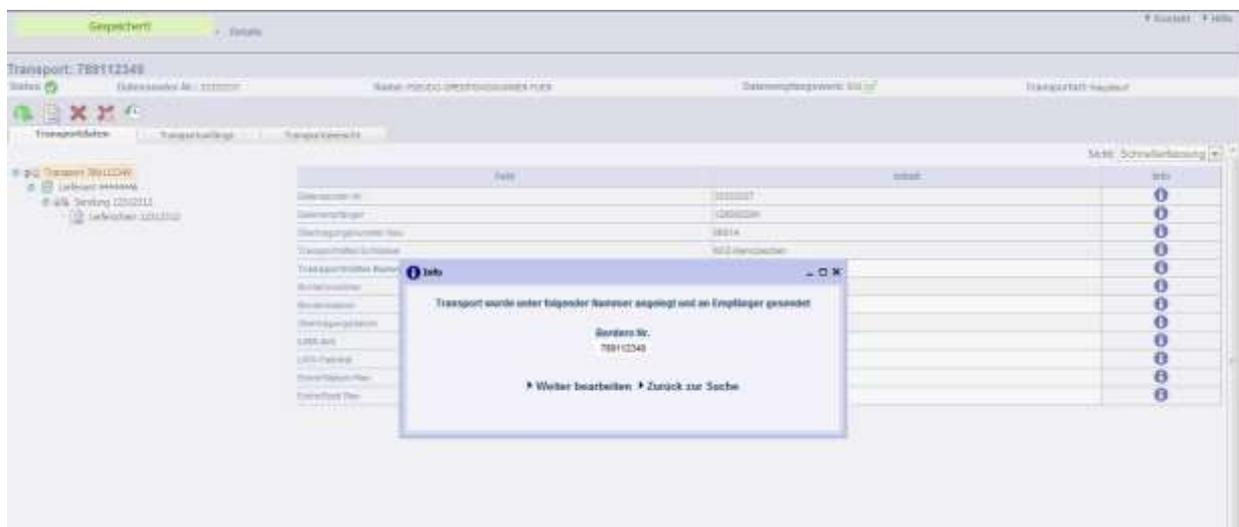
With the  icon it is possible to reference several delivery note numbers per consignment number.

In this case, however, it is not possible to generate a reference. This is indicated in the transport summary:





When the scope of the transport has been specified with all the consignments and delivery notes, the transport header data still needs to be entered before the transport entry can be completed. Once all the required data is entered, the transport can be saved as a draft if processing is to be completed later, or transferred by clicking on "Fertigstellen" (Finish).



After confirmation of the transport, it is possible to continue processing or go to "Suche Transporte" (Find transports) (T600).

2.4.1 New main transport according to VDA 492 1

When delivering to crossdock, the following fields must be specified in the VDA 4921:

Record type	Position	Format	Data element	Input
751	03	9 digits	Data recipient number	The ID number of the crossdock operator must be entered
754	13	1-character, left-justified	Customer plant	The code "X" must be entered left-justified.

2.5 New main transport to plant (T603)

Note: Transport data of freight forwarders according to VDA 4921 can be found in the EDI manual; this manual only describes the creation in TM.

The "Neuer HL-Werk Transport" (New main transport to plant) function (T603) takes you to the process selection for generating a new transport and sending it from TM.



Complete the fields shown for the relevant transport type, then click "Weiter" (Next) to continue the entry.

The next step enables you to search for existing consignments (VDA4913) that the transport is being created for. Transferring the consignment data both reduces the manual workload and establishes the reference between transport and consignment.

TM → Transport erstellen

Transport: 00001466 Transportart: Vorlauf Datensender-Nr.: 33333337 PSEUDO-SPEDITIONSNUMMER FUER

Frachtführerübergabe-Datum Uhrzeit Frachtführerübergabe-Datum Uhrzeit

Von 28.08.2013 00:00 Bis 00:00 Suchen

Lieferanten-Nr.	Sendungs-Nr.	Lieferschein-Nr.	Abholdatum	Uhrzeit	Abladestelle	Warenempfangswerk	Gewicht Brutto	Gewicht Netto	Referenz	Bestätigt	
44444446						Alle					
<input type="checkbox"/>	44444446	78922668	78922668	28.08.2013	08:00	659Z	050, Werk Sindelfingen	0011750	0009800	-	-
<input type="checkbox"/>	44444446	78922669	78922669	28.08.2013	08:30	659Z	050, Werk Sindelfingen	0011750	0009800	-	-
<input type="checkbox"/>	44444446	78922670	78922670	28.08.2013	09:00	659Z	050, Werk Sindelfingen	0011750	0009800	-	-

Übernehmen

Lieferanten-Nr.	Sendungs-Nr.	Lieferschein-Nr.	Abholdatum	Uhrzeit	Abladestelle	Warenempfangswerk	Gewicht Brutto	Gewicht Netto	Referenz	Bestätigt
<input type="checkbox"/>										

Entfernen Neu

Transport anlegen

The selection criteria allow you to search for a specific consignment

TM → Transport erstellen

Transport: 00001466 Transportart: Vorlauf Datensender-Nr.: 33333337 PSEUDO-SPEDITIONSNUMMER FUER

Frachtführerübergabe-Datum Uhrzeit Frachtführerübergabe-Datum Uhrzeit

Von 28.08.2013 00:00 Bis 00:00 Suchen

Lieferanten-Nr.	Sendungs-Nr.	Lieferschein-Nr.	Abholdatum	Uhrzeit	Abladestelle	Warenempfangswerk	Gewicht Brutto	Gewicht Netto	Referenz	Bestätigt	
<input type="checkbox"/>	44444446					Alle					
<input type="checkbox"/>	44444446	78922668	78922668	28.08.2013	08:00	659Z	050, Werk Sindelfingen	0011750	0009800	-	-

Übernehmen

Lieferanten-Nr.	Sendungs-Nr.	Lieferschein-Nr.	Abholdatum	Uhrzeit	Abladestelle	Warenempfangswerk	Gewicht Brutto	Gewicht Netto	Referenz	Bestätigt	
<input type="checkbox"/>	44444446	78922670	78922670	28.08.2013	09:00	659Z	050, Werk Sindelfingen	0011750	0009800	-	-
<input type="checkbox"/>	44444446	78922669	78922669	28.08.2013	08:30	659Z	050, Werk Sindelfingen	0011750	0009800	-	-

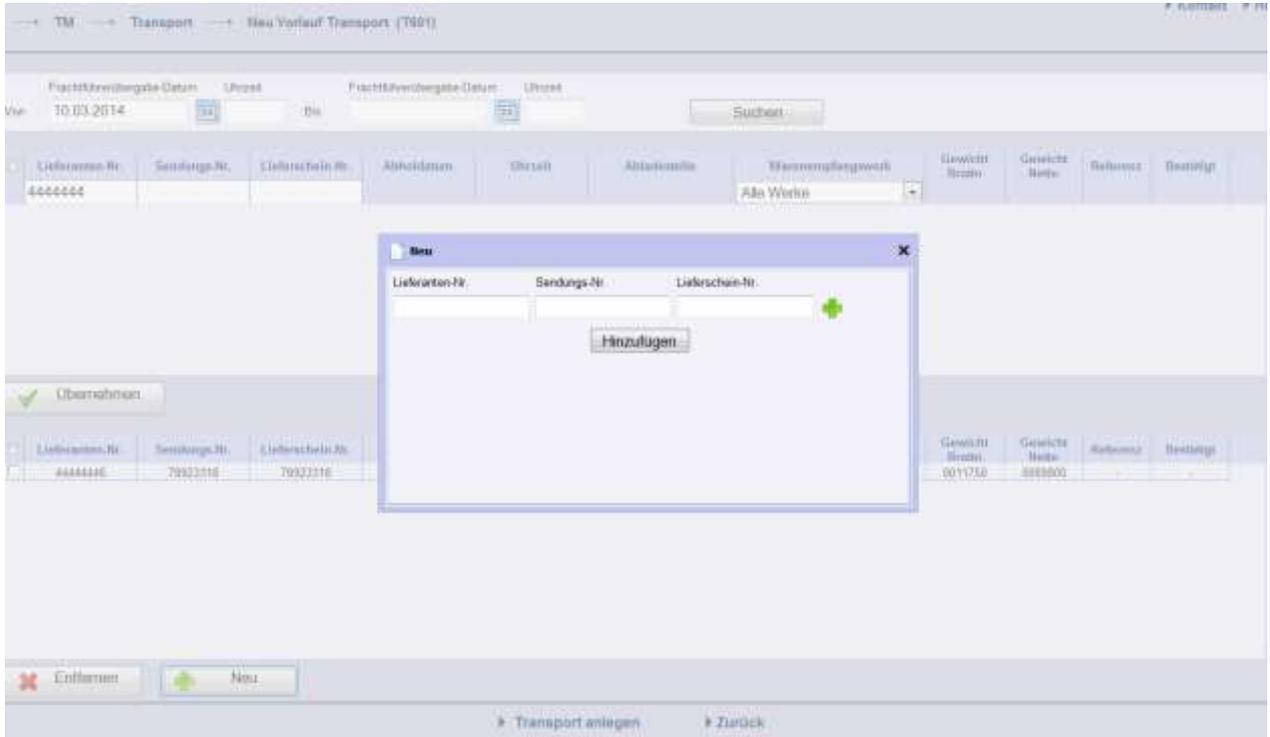
Entfernen Neu

Transport anlegen

Relevant consignments can now be assigned to the transport by clicking "Übernehmen" (Transfer). The transport is created via "Transport anlegen" (Create transport).

Consignments transferred by mistake can be deleted by clicking "Entfernen" (Remove).

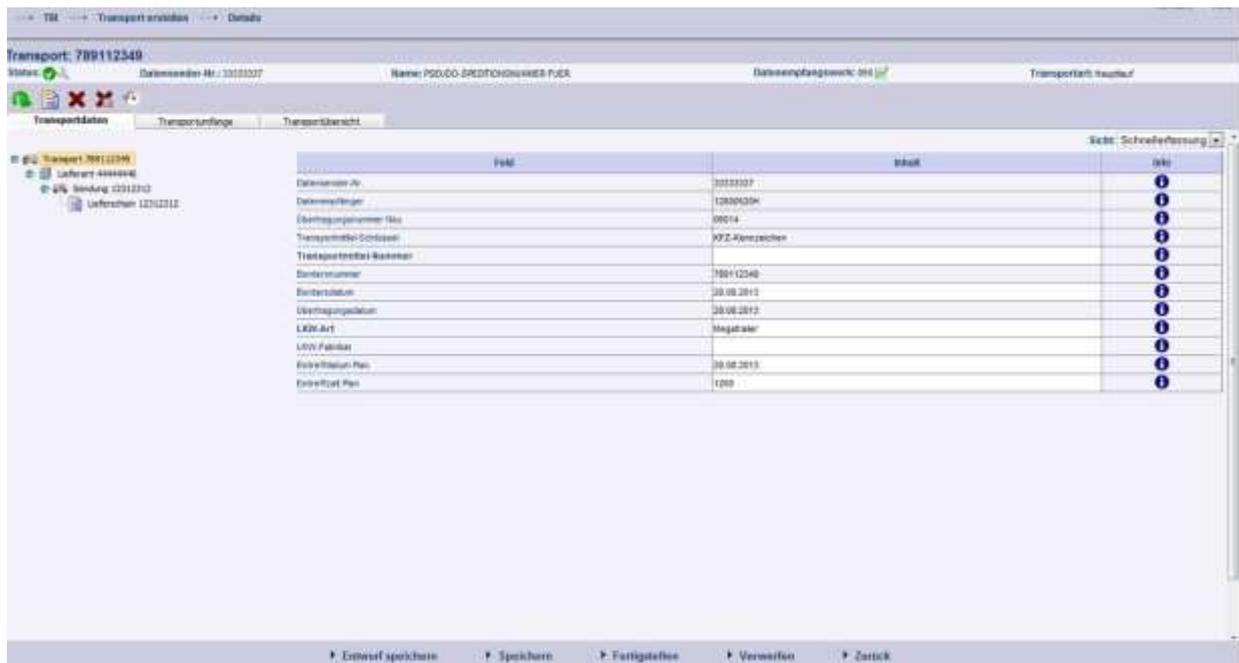
If a consignment does not appear in the search result it can be added manually by clicking on "Neu" (New):



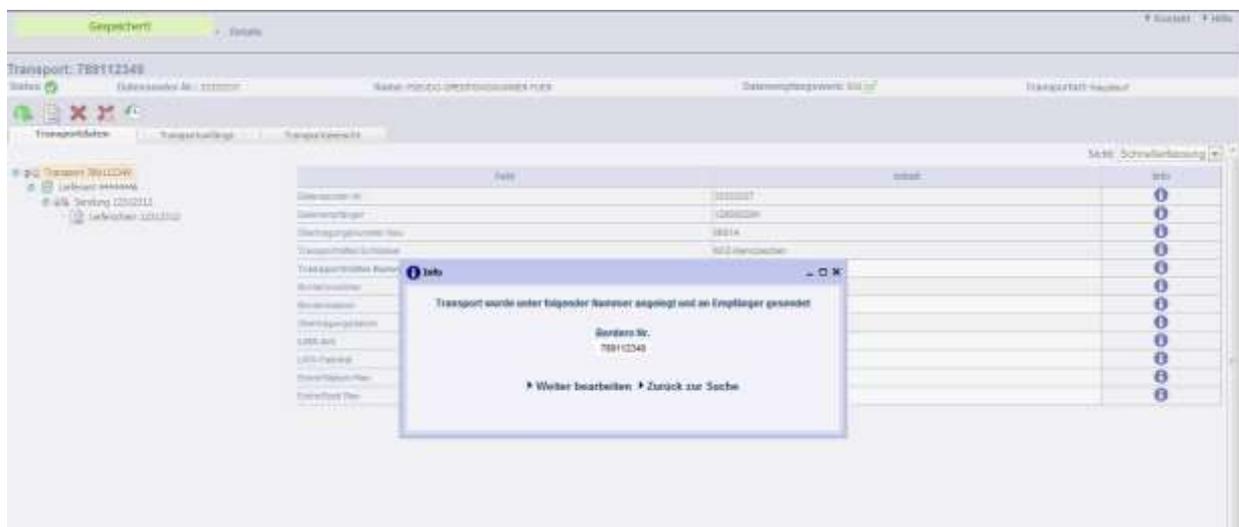
With the  icon it is possible to reference several delivery note numbers per consignment number.

In this case, however, it is not possible to generate a reference. This is indicated in the transport summary:





When the scope of the transport has been specified with all the consignments and delivery notes, the transport header data still needs to be entered before the transport entry can be completed. Once all the required data is entered, the transport can be saved as a draft if processing is to be completed later, or transferred by clicking on "Fertigstellen" (Finish).



After confirmation of the transport, it is possible to continue processing or go to "Suche Transporte" (Find transports) (T600).

2.7 Confirmation of receipt - Electronic confirmation via interface

The interface for confirming consignments electronically uses the VDA4913 (VA30mod) format. The premise is that the data to be confirmed is already present in IBL and that only the package confirmation details need to be extracted from the VA30mod notification and processed.

Only one confirmation notification may be machine-sent per transport (bordereau number). If more than one confirmation per transport is sent, subsequent confirmation notifications will be rejected by IBL and not processed. This prevents problems related both to message sequence and end recognition. Once confirmed, transports can only be modified via the IBL web interface.

The structure of the VA30mod notification corresponds to the VDA4913. Ideally, the confirmer will send the VA30mod file using the supplier's VDA4913 base. Record types must have correct syntax and be complete (i.e. all mandatory record types must be included). In contrast to VDA4913, when confirming by VA30mod SA714 is optional. SA 714 does need to be transferred but it can be completely empty apart from the SA identifier.

The table below shows the attributes which are required/optional for IBL to process the confirmation details (mandatory/optional fields). Any other fields are not relevant for confirming input in IBL:

Record type	Position	Field	Mandatory	Comment
SA711	01	SA identifier	Yes	Content: '711'
SA711	04	Data sender number	Yes	Supplier number of CD/hub
SA712	01	SA identifier	Yes	Content: '712'
SA712	03	Consignment no.(SLB)	Yes	'99999999', if SLB not known (because SLB not included on LLC/SLC)
SA712	08	Gross consignment weight	No	Blank if VDA4913 not present and no weight stated
SA712	09	Net consignment weight	No	Blank if VDA4913 not present and no weight stated
SA712	12	No. of packages	No	Blank if VDA4913 not present and no number stated.
SA712	13	Transport partner no.	Yes	Supplier no. of freight forwarder that transported the consignment
SA712	15	Transportation no.	Yes	Bordereau no. of truck carrying consignment
SA712	20	Loading meters	No	Blank if VDA4913 not present and no length stated.
SA713	01	SA identifier	Yes	Content: '713'
SA713	03	Delivery note number	Yes	'99999999' if not known
SA713	04	Shipping date	Yes (optional field if delivery note no. not known)	Delivery note date (because delivery note is only unambiguous during one calendar year)
SA713	05	Unloading point	No	Blank if VDA4913 not present and no unloading point stated.
SA713	09	Process key	Yes	Value: '30'

SA713	11	Customer plant	No	Blank if VDA4913 not present and no plant stated.
SA713	16	Supplier number	Yes	Supplier no. of supplier of good
SA714	01	SA identifier	Yes, but SA can be completely blank.	Content: '714'
SA714	03	Customer item no.	No	Blank if VDA4913 not present and no item number stated.
SA714	06	Delivery quantity 1	No	Blank if VDA4913 not present and no quantity stated.
SA714	19	Partial delivery identifier	No	"T" in the case of a partial delivery if the crossdock knows that a follow-up delivery is on its way.
SA715	01	SA identifier	Yes	Content: '715'
SA715	03	Customer package no.	No	Blank if VDA4913 not present and no package number stated.
SA715	05	No. of packages	Yes	Confirmation no. of packages
SA715	07	Quantity per package	No	Blank if VDA4913 not present and no quantity stated.
SA715	08	Package no. from	Yes	For With single packages: Package no. from = Package no. to If no package number stated, then: <ul style="list-style-type: none"> • '999999999' and 'Package no. to' = 'P' • Allocate package no. (relabelled) and 'Package no. to' = 'P'
SA715	09	Package no. to	Yes	
SA715	13	Label identifier	No	Blank if VDA4913 not present and no label identifier stated.
SA719	01	SA identifier	Yes	Content: '719'
SA719	03-11	Record type counter	Yes	As per VDA norm

It is not necessary to transfer all packaging items via the interface - only the first packages need to be included in the confirmation notification.

The first packages can either be transferred as single items or aggregated (Package no. from, Package no. to).

2.8 Required and optional fields

The allocation of fields as required and optional follows the VDA4921 norm. One exception is that the "Werk Lieferant" (Plant supplier) field is defined as an optional field.

In VDA4921 there is no sub-transport-partner-number for recording subcontractors who carry out transports for the area freight forwarder. This field has been amended to an optional field in the data model in IBL and in the display. It cannot be exported via VDA4921 but can be used in IBL for documentation.

2.9 mRoad load lists (T605)

The **Beladelisten** (load lists) function makes it possible to search for the load lists stored in IBL. This function enables the user to search for a certain load list using the selected plant or the bordereau number entered as search criteria.

By clicking on the **Suchen** (Search) button, the search for the load list starts. The load list found is shown in a results list. Clicking on the supplier numbers contained in the load list calls up details on the load list. It will be shown whether the packaging items notified per EDI match those loaded onto the truck.

- Packaging items notified per EDI but not yet loaded are listed with status in "red"
- Packaging items loaded but not yet notified per EDI are listed with status in "yellow"
- Packaging items notified per EDI and loaded are listed with status in "green"

Packstück -Nr -Label	Sachnummer	Menge -Einheit	Lieferschein -Nummer, -Position	Abladestelle
(1) Fehlende Packstücke, mit DFÜ avisiert (Status rot)				
001857150 S	A1111111111	10,000 ST	78927133 - 010	659Z
001857151 S	A1111111111	10,000 ST	78927133 - 010	659Z
001857152 S	A1111111111	10,000 ST	78927133 - 010	659Z
1 M				
001857153 S	A1111111111	10,000 ST	78927133 - 010	659Z
001857154 S	A1111111111	10,000 ST	78927133 - 010	659Z
001857155 S	A1111111111	10,000 ST	78927133 - 010	659Z
001857158 S	A1111111111	10,000 ST	78927133 - 010	659Z
001858456 S	A1111111111	10,000 ST	78927133 - 010	659Z
001858457 S	A1111111111	10,000 ST	78927133 - 010	659Z
001858458 S	A1111111111	10,000 ST	78927133 - 010	659Z
001858459 S	A1111111111	10,000 ST	78927133 - 010	659Z
(2) Übernommene Packstücke, nicht mit DFÜ avisiert (Status gelb)				
Kein Eintrag vorhanden.				
(3) Übernommene Packstücke, mit DFÜ avisiert (Status grün)				
Kein Eintrag vorhanden.				

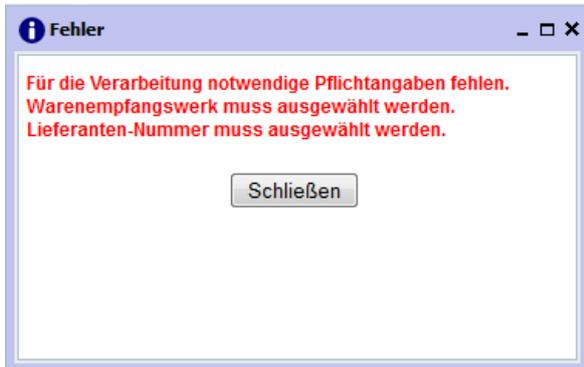


Figure 1 Example of a plausibility check error message

3 Tracking consignments

3.1 Find consignment data (T700)

The "Suche Sendungsdaten" (Find consignment data) function allows delivery note data to be exported in CSV format so that it can be used in-house for scanning package data, etc.

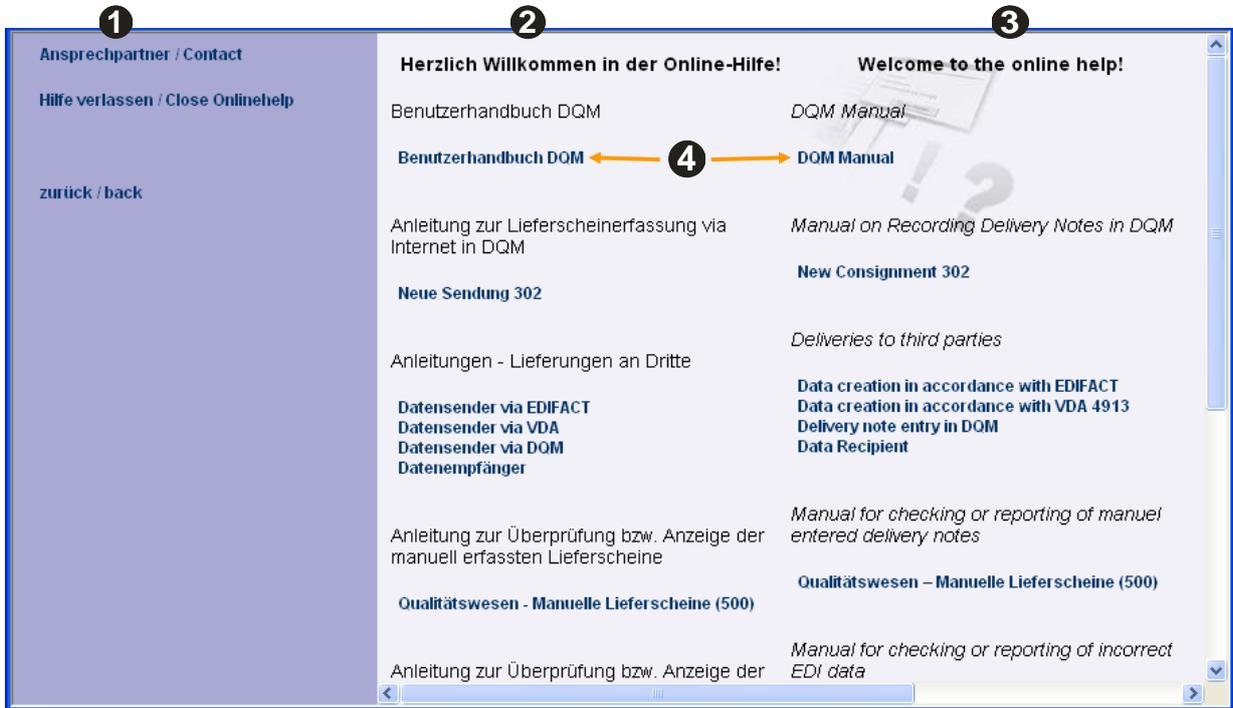
Lieferanten-Nr.	Sendungs-Nr.	Lieferschein-Nr.	ABL	EZ	Empfangs-Werk	Eintreff-Datum-Soll	Packmittel-Nr	Anzahl
44444446	78922668	78922668						
44444446	78922668	78922668	659Z	ENTLADEZONE	050, Sindelfingen	28.08.2013	5003	1
44444446	78922668	78922668	659Z	ENTLADEZONE	050, Sindelfingen	28.08.2013	5428	11

The delivery note number and a consignment number are always needed for the search. Then the data can be exported:

J	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1	Empfangs-W	Lieferanten-	Sendungs-Nr	Transportpa	Eintreff-Dat	Eintreff-Zeit	Anlieferdat	Frachtführer	Frankfurt-Sc	Lieferschein	ABL	EZ	Packmittel-P	Anzahl	Packstück-Nr	Packstück-Nr	Label-Kennung			
2	050, Sindelf	44444446	78922668	33333345	28.08.2013	09:00:00	28.08.2013	08:00:00	1	78922668	659Z	ENTLADEZON	6428	1	1837151		5			
3	050, Sindelf	44444446	78922668	33333345	28.08.2013	09:00:00	28.08.2013	08:00:00	1	78922668	659Z	ENTLADEZON	6428	1	1837152		5			
4	050, Sindelf	44444446	78922668	33333343	28.08.2013	09:00:00	28.08.2013	08:00:00	1	78922668	659Z	ENTLADEZON	5003	1	I		M			
5	050, Sindelf	44444446	78922668	33333345	28.08.2013	09:00:00	28.08.2013	08:00:00	1	78922668	659Z	ENTLADEZON	6428	1	1837150		5			
6	050, Sindelf	44444446	78922668	33333345	28.08.2013	09:00:00	28.08.2013	08:00:00	1	78922668	659Z	ENTLADEZON	6428	5	1837153	1837155	5			
7	050, Sindelf	44444446	78922668	33333345	28.08.2013	09:00:00	28.08.2013	08:00:00	1	78922668	659Z	ENTLADEZON	6428	1	1837158		5			
8	050, Sindelf	44444446	78922668	33333345	28.08.2013	09:00:00	28.08.2013	08:00:00	1	78922668	659Z	ENTLADEZON	6428	4	1838438	1838453	5			

4 Online help

The online help is started at the top right of the screen via the **Online help** link.



1. The following functions can be accessed on the left-hand side of the screen:

- Ansprechpartner / Contact
- Hilfe verlassen / Close Online Help
- zurück / back

Various PDF files are available in the main window:

2. PDF files, German version
3. PDF files, English version
4. By clicking on the respective link (blue font), the required PDF file opens in the main window.

It is possible to scroll through a larger view.



4.1 Glossary

A:

Selection list:

A selection list is a list of entries from which you can select only one.

B:

Bordereau number:

Together with the freight forwarder number, the bordereau number forms a unique key for a goods transport put together by the freight forwarder. The bordereau number is generated by the freight forwarder.

Browser:

A browser is a program that allows you to interpret and view files of various formats. You need one to view websites. This help is provided for the Internet Explorer browser, for example.

Button:

A button is a feature of the user interface of a program that you click to execute a particular function.

C:

D:

Data quality:

Data quality provides information on transmitted data records and the number of errors they contain.

Direct link:

A direct link takes you from one part of the program to another. You can enter a function shortcut in the input field (for example, 006 for Personal settings) and confirm it to display the function.

EDI:

Electronic data interchange. In the context of DQM, usually a data package transferred by means of data communications technology by the supplier or freight forwarder to Mercedes-Benz AG in accordance with the VDA 4913 or VDA 4921 formats.

E:

EDICS:

EDI communication and clearing service. System for exchanging data with external partners.

Input field:

You can enter values in an input field, which are then adopted and processed by the program.

Recipient:

A recipient receives a message from a sender. In this program, the recipient is always a plant.

F:

FAQ:

Frequently asked questions and their answers.

Error type/error category:

Errors are divided into three categories. There is a green error type/error category for minor errors, a yellow error type/error category for medium errors and a red error type/error category for serious errors.

Error statistics:

The error statistics indicate the occurrence of errors at various positions.

Function:

A function carries out a task that depends on the information entered by the user.

G:

Chart:

A graphic is an image provided to illustrate a particular item or action.

H:

Home button:

The home button is a button enabling the user to return to the start page of the help.

Hyperlink:

Activating a hyperlink takes you to the point of the program defined in it.

I:

Icon:

An icon is a feature of the user interface of a program that you click to execute a particular function.

J:

C:

Calendar week/week:

In the system, a week always refers to a calendar week.

Consignment:

Storage of goods from a supplier (here: Mercedes-Benz AG). The supplier retains ownership until withdrawal by the customer.

L:

Delivery note item:

Parts listed on a delivery note. It is packed in a packaging item (load carrier).

M:

Screen:

A screen is an input aid for the user. The data you enter is processed by the application.

N:**Navigation:**

Navigation generally refers to movement between the various parts of the application.

Navigation tree:

A navigation tree contains hyperlinks to the simpler navigation elements within the application.

O:**P:****Pop-up:**

A pop-up is a screen that appears as soon as an action is executed. In this Help application, a pop-up appears when you move your mouse over an object.

Packaging item:

Packaging element for one or several delivery note items on a delivery note.

Q:**R:****Radio button:**

Radio buttons are used for exclusive selection. Only one radio button can ever be active.

Ranking:

A ranking sorts a list according to certain criteria.

Tab:

Tabs are used for simple navigation within functions. Each tab is dedicated to a particular area of the function. In the application, the tabs are displayed above the input screens. Clicking on one of these tabs switches to a different area.

Report:

A report returns a result. The user sets certain parameters for the report that affect the result.

S:**Screenshot:**

A screenshot shows a section of monitor output. It is saved in a graphics format.

Data capacity:

The data capacity states how many delivery note items are transferred using each of the three transmission methods (EDI, web, manually).

Sender:

A sender sends a message to a recipient. In our example, the sender is always a supplier.

SLB:

Consignment number. Together with the supplier number, this forms a key element of any goods consignment to Mercedes-Benz AG from a supplier.

T:

Table:

A table displays the desired evaluation data in a structured and numbered form.

Trend:

A trend display shows a trend development within a particular period.

U:**V:****VDA:**

Verband der deutschen Automobilindustrie (Association of the German Automotive Industry).

W:**Week/calendar week:**

In the system, a week always refers to a calendar week.

WES:

Wareneingangssystem (inward goods processing system). Legacy system for checking the inbound goods flow.

X:**Y:****Z:****Period:**

In the screens, a period of time can be a day, week, month or complete year.

Time interval:

A time interval is a particular stretch of time that is limited at the start and finish by two days, two weeks, two months or two years. The first value must be before the second.

5 Contacts for questions

5.1 Contacts for all Mercedes-Benz AG plants

IBL Support

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