

## DDE Supplement / Attachment

DDIdentifier <sub>(10)</sub>	DDEName
322	Load Identification Number (LIN)
323	Unload Identification Number (UIN)

The DDI's Load and Unload - Identification Number can be used together with the DDI's "320 - Last loaded Weight" and "321 - Last unloaded Weight" to document loading and unloading of material on a weighing system.

When it now comes to trade critical application of such a weighing system, a system that can record the weight changes and the appropriate load/unload identification number has to be used.

This document should be seen as an extension to the already published documents:

- [http://dictionary.isobus.net/isobus/attachments/388/ISO\\_11783-11-DDI\\_320-Weighing\\_Load\\_Unload-v3.pdf](http://dictionary.isobus.net/isobus/attachments/388/ISO_11783-11-DDI_320-Weighing_Load_Unload-v3.pdf)
- <http://dictionary.isobus.net/isobus/attachments/279/ISO11783-11-DDI-229-Weighing%20System%20Implementation.pdf>

## Definition

A customer might want to review a measured weight after receiving the delivery note.

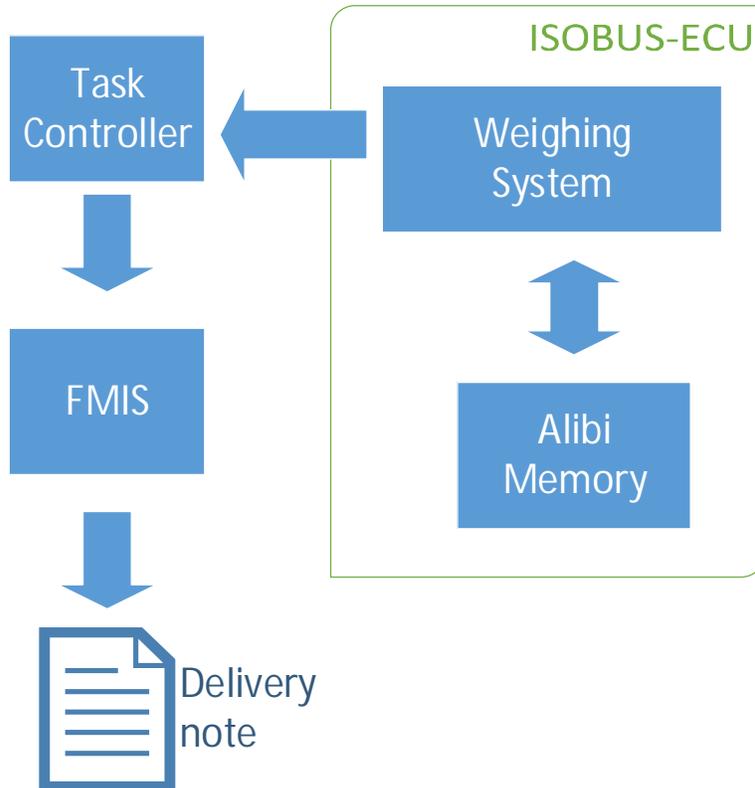
So, two things have to be printed on the delivery note, next to the loaded or unloaded weight:

1. Identification to identify the weighing device, e.g. part of WorkingSetMasterNAME (see recommendation below)
2. Identification to find the data record, e.g. ID number

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### Overview



Alibi memory is fix connected to ISOBUS weighing system by an internal connection. Review might be possible through a VT mask or similar method.

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### Example

Transport application where the grain cart loads and unloads the harvested product.  
Load and Unload identification numbers are an identification of the alibi record.

Gross	Net		Load Identification Number (LIN)	Unload Identification Number (UIN)
0	0	Zero		
2000	2000	Load 2000	2659	
2000	0	Tare msg		
5000	3000	Load 3000	2660	
5000	0	Tare		
6500	1500	Load 1500	2661	
6500	0	Tare		
4500	-2000	Unload 2000		2662
4500	0	Tare		
3000	-1500	Unload 1500		2663
3000	0	Tare		
7000	4000	Load 4000	2664	
7000	0	Tare		

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### Recommended DDI settings

The table provides an overview about the recommended DDI settings.

DDI dez	Weighing System DDI	Type		Properties		Trigger Methods				
		DPD	DPT	Setable	Default set	Time interval	Distance interval	Threshold limits	On change	Total
	DDI ISO name									
	<b>DET-Function Automatic Documentation</b>									
178	Element Type Instance		x							
320	Last loaded Weight	x			x				x	
321	Last unloaded Weight	x			x				x	
322	Load Identification Number	x			x				x	
323	Unload Identification Number	x			x				x	

All load DDI's are supposed to be changed same time, so these DDI's work together as one "Dataset".

### Cross Reference

See DDI "222 - Last Bale Tag Number" this works in a very similar manner.

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### Weighing device identification

Recommended practice for transmission of the identification of the device is:

In the TASKDATA.XML File, element DVC, attribute D (WorkingSetMasterNAME):  
D="A02287002DE**036AA**"

The last 21 bit's should be the identification of the weighing device (See ISO 11783-5, "identity number"). In this case it is a device identification number of **013994**, which is labeled on the weighing device.

The attribute E may contain the DeviceSerialNumber as well, but it is optional. So recommended practice is here to use attribute D.

The "identity number" is required to be unique when used together with the DDI 322. This does not mean anything about the handling of the "identity number" for other non-weighing devices.