

Information shared on transported vehicles

1) Background

ECG's Quality Working Group received a comment from a shipping line member that some information crucial for the carrier, such as the power type of the vehicle, is not shared with carriers at the moment of booking the vehicle for transport. On the other hand, some shipping lines are asking OEMs to provide what is seen as excessive information, which can make the administration very burdensome.

The shipping lines and OEMs present agreed and it was decided that ECG should investigate this matter. ECG convened a small working group, composed of LSP and OEM representatives, to discuss the matter and conducted a short survey to understand the data currently being shared.

2) Recommendation

According to a questionnaire conducted among LSPs (of which the detailed results can be seen in Annexe I) the following information would be mandatory:

Fuel type	Weight	Length	Width	Height	Ground clearance	Emergency handling	Colour	LHD/RHD	SWD, 4WD, AWD	Other
6/6	6/6	6/6	6/6	6/6	2/6	4/6		3/6		

According to the questionnaire conducted among OEMs (of which the detailed results can be seen in Annexe II) the following data set is already shared with the LSPs:

Fuel type	Weight	Length	Width	Height	Ground clearance	Emergency handling	Colour	LHD/RHD	SWD, 4WD, AWD	Other
3/4	4/4	3/4	3/4	3/4	1/4	1/4				

Based on the above results, we propose the following information to be shared with the LSPs:

Fuel type	Weight	Length	Width	Height	Ground clearance	Emergency handling	Colour	LHD/RHD	SWD, 4WD, AWD	Other
Mand.	Mand.	Mand.	Mand.	Mand.	Opt.	Mand.		Opt.		

Emergency handling guide should be sent once for every model, independently from EDI.
The state of charge of the HV battery is covered by contract, independently from EDI.

3) Data to be shared

Based on the questionnaire results the following additional pieces of information are recommended to be shared.

- Fuel type
- Calculated weight (given value from systems which is assumed to be sufficiently accurate but may not be individually verified)
- Width (mirror folded in or out, without mirror, depending on the OEM)
- Length (excluding bumper protectors if fitted)
- Height (including any fitted accessories; if not, the OEM is advised to reach out to the LSP so that an agreement could be found to cover the case)

The participating OEMs agreed on the process of giving information on the vehicle dimensions to support efficient load preparations. The OEMs provide the best data available from digital systems but they are not individually verified and thus they might differ case by case. The transmitted data is intended to improve digitalisation of logistics processes and the overall information sharing.

4) Means of data sharing

It is advised to use EDI messages for the information sharing with the LSPs and move away, where possible, from use of Excel files and e-mails. The [ECG-Odette-VDA standard](#) on digital messages gives a good industry guideline and it is already being implemented by many OEMs.

The data fields identified as essential for the shipping lines already exist in the ECG-Odette-VDA transport order (FV14a) message.

Annexe I

Questionnaire among LSPs

The questionnaire enquired about the information that the LSPs consider as mandatory for sharing so that an LSP can associate it with the VIN number in its booking system.

6 shipping lines completed this questionnaire.

Mandatory information for the LSPs

Fuel type	Weight	Length	Width	Height	Ground clearance	Emergency handling	Colour	LHD/RHD	SWD, 4WD, AWD	Other
X	X	X	X	X		X				
X	X	X	X	X		X		X		
X	X	X	X	X	X	X				New/Used unit
X	X	X	X	X	X	X		X		
X	X	X	X	X				X		Model name
X	X	X	X	X						POL, POD, Any extraordinary handling instructions

Another question was the list of information which the shipping lines consider as 'nice to have', i.e. not essential information but something that facilitates their work.

'Nice to have' information for the LSPs

Fuel type	Weight	Length	Width	Height	Ground clearance	Emergency handling	Colour	LHD/RHD	SWD, 4WD, AWD	Other
					X					
					X		X			
										Special additional elements
										Whether vehicle equipped with aluminum or steel rims or towing eye
					X	X				SOC
					X	X	X	X	X	

Furthermore, shipping lines noted in the questionnaire that they ask for emergency handling guides for EVs. "However, these are seldom received at the time of booking and very often we have to request them from the shipper when we face some problems (e.g. towing instructions, or specific procedures for non-starters). Ideally these should be sent every time a new model is booked for shipment."

Annexe II

Questionnaire among OEMs

The questionnaire enquired about the information that the OEMs are already sending to the shipping lines on the vehicles.

4 OEMs completed this questionnaire.

Information already sent by the OEMs

Fuel type	Weight	Length	Width	Height	Ground clearance	Emergency handling	Colour	LHD/RHD	SWD, 4WD, AWD	Other
X	X	X	X	X			X			
X	X	X	X	X	X	X			X	
X	X									VIN model sometimes model code
	X	X	X	X						

ECG also asked the OEMs to note which pieces of information are difficult to share with the LSPs.

Information labelled as 'difficult to send' by the OEMs

Fuel type	Weight	Length	Width	Height	Ground clearance	Emergency handling	Colour	LHD/RHD	SWD, 4WD, AWD	Other
					X				X	
							X	X		
X	X	X	X	X	X	X	X	X	X	all are difficult: all information taken manually from (different) system(s)
X						X	X	X	X	



ECG

BluePoint Brussels

Boulevard A. Reyers 80
1030 Brussels | Belgium

Tel: +32 2 706 82 80

info@ecgassociation.eu

ecgassociation.eu