

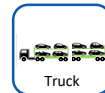


The Association of European Vehicle Logistics

# ECG Operations Working Group

Health & Safety Sub-Group

Steve Thomas (Toyota Motor Europe)



# Key Incident

## Details of Incident

<b>Date</b>	<b>08-May-17</b>
<b>Member</b>	<b>LSP Driver</b>
<b>Age</b>	<b>40 Years</b>
<b>Exp</b>	<b>7.5 Years</b>
<b>Incident</b>	<b>Upper Deck Fall</b>
<b>Injury</b>	<b>Cracked Vertebrae &amp; Head Stitches</b>
<b>Absence</b>	<b>1 Month</b>

## Fell Thro' Fence



**Toyota Dedicated Route: LSP  
Implemented C/measures**  
(Structure + Process + Supervision + PPE)

**Never Again!**

# TME's Key Risks (Truck Loading)

## Drive Off



## Fall Off



## Roll Off



... with High Potential

# Challenges in Truck Loading

## Tough Environment

(3m High + 24 Hr-52 Wk  
Operation)

## Operating with Many OEMs

(Various, Incomplete Standards)

## Management Check is Difficult

(Geographical Operation)

## Shortage of Manpower

**Requires Effective Safety Mgt**

# Industry Safety Incidents (Truck Loading)

## Company A (2017/18)

1 x Fatal (Crushed in Trailer)  
2 x Fall from Height (1 x Disabled)

## Company B (2014~18)

21 Incidents - Working @ Height  
(6 Man-Years of Lost Time)

## Company C (2018)

1 x Fall → Fractured Skull;  
Unable to Return to Work

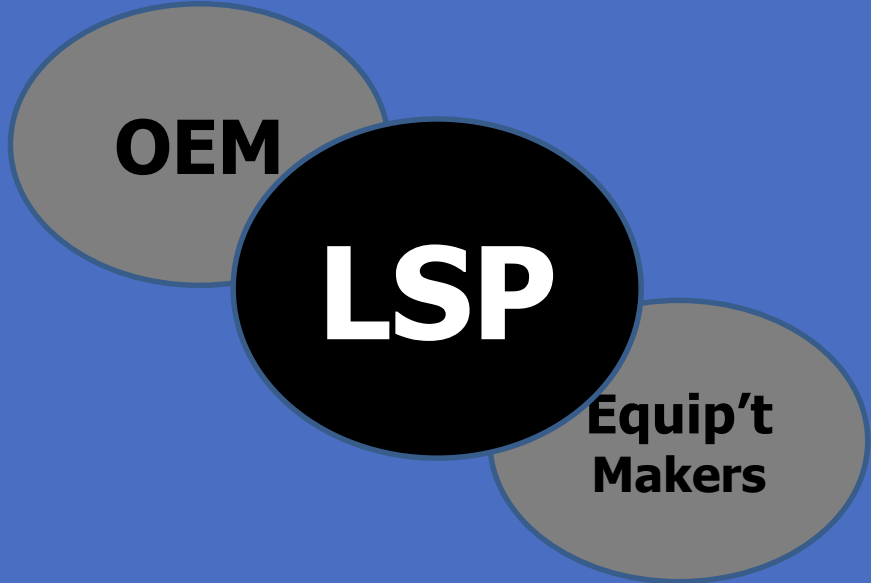
## Company D (2015~18)

RTA (Including Fatal & Fire)  
Upper Deck collapse → Head Injury

**Risks are Common**

# Working Group Direction

ECG Led Activity to..



... Achieve Safe Loading

**Sharing Key Incidents**  
→ Industry Wide Learning

**Define Best Practice**  
for Process & Environment

**Break Through**  
for Process & Environment

**An Industry Wide Activity is Req'd**

# Working Group ...

## Timeline

### Concern Raised

(19-Oct-17: Industry Wkg Group)

### Launch Wkg Group

(27-Mar-18)

### Steering Mtgs

(06-Jul-18 & 03-Oct-18)

## Organisation

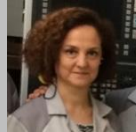


Jan van Assen



Steve Thomas

### Safety Reporting



Beatriz  
Soriano-Bayo  
(Renault)

### Process Standard



Henri  
Lecoeur  
(Gefco)

### Environment Std



Marcin  
Pronczyk  
(Adampol)

### Breakthrough



Markus  
Formann  
(Hoedlmayr)


~25 Members Assigned

... Launched & Established

# Wkg Group 1 – Accident Sharing

## Report to Share Accidents

(1. Fatal; 2. Unrecoverable;  
3. Recoverable but Serious; 4. High Potential)

	<b>INCIDENT REPORT</b> Loading, Unloading & Hub Accidents	REFERENCE :	
		CREATION :	/10/2018
		Report Owner :	
<b>PLANT / COMPOUND / YARD</b>			
<b>OEM:</b> <small>Click here to enter text.</small>	<b>CITY:</b> <small>Click here to enter text.</small>		
<b>Car Carrier (if any):</b> <small>Click here to enter text.</small>	<b>COUNTRY:</b> <small>Click here to enter text.</small>		
<b>Hub Operator (if any):</b> <small>Click here to enter text.</small>			
<b>CIRCUMSTANCES</b>			
<input type="checkbox"/> DRIVE OFF (CAR DRIVES OFF)	<b>IF THERE IS A CAR RELATED TO THE ACCIDENT:</b> 1. <u>TRANSMISSION</u> <input type="checkbox"/> MANUAL <input type="checkbox"/> AUTOMATIC 2. <u>STEERING</u> <input type="checkbox"/> LEFT-HAND DRIVE <input type="checkbox"/> RIGHT-HAND DRIVE		
<input type="checkbox"/> FALL OFF (FALL FROM HEIGHT) <small>Click here to enter text.</small>			
<input type="checkbox"/> ROLL OFF (CAR ROLLS OFF)			
<input type="checkbox"/> ENTRAPMENT BETWEEN THE MOBILE PARTS OF THE TRUCK			
<b>What &amp; Why?</b>			
<input type="checkbox"/> DRIVING CAR IN YARD			

## Governance

(Sensitively Share  
between OEMs & LSPs)

**Employer Report = W**

**ECG Issue (Anonymise) = W+1**

**Periodical Report = TBC**

**Ready to Implement (Jan-19)**




# Wkg Group 2 - Safe Loading Process







## Loading Steps

1	Entry to Site
2	Arrival Check
3	Prepare Upper Deck
4	Load Upper Deck (Superstructure)
5	Load Upper Deck (Trailer)
6	Prepare Lower Deck
7	Load Lower Deck
8	Departure Check

## Detail of Step 7

**Step 7 - Load Lower Deck**



Seq No	Operation	Picture	Key Point	Reason
7.1	Drive to truck		See Step 1.2 <small>Drive as close as possible to To confirm Wheel to Ramp</small>	
7.2	Align unit with truck			
7.3	Drive Unit onto Truck			
7.8	Re-enter Unit (if adjustment needed)			<ul style="list-style-type: none"> <li>Remove gloves</li> <li>Walk on the deck to get to the unit; do NOT climb onto lower deck</li> <li>Confirm that one axle is still chocked &amp; lashed</li> <li>Slowly open door using handle</li> <li>Enter car using the Point-Turn-Slide method</li> </ul>
7.9	Release Unit (if adjustment needed)			<ul style="list-style-type: none"> <li>Turn on engine</li> <li>Shift gear to neutral/1st</li> <li>Release P-brake</li> </ul>
7.10	Exit Unit		See Step 7.3	
7.11	Adjust Decks (if adjustment needed)			<ul style="list-style-type: none"> <li>Wear gloves</li> <li>Keep a close watch on cars already loaded</li> <li>Manipulate levers in small increments until desired outcome</li> </ul>
7.12	Re-enter Unit		See step 7.6	
7.13	Secure Unit		See step 7.3	
7.14	Finalize Chocks & Lashes			<ul style="list-style-type: none"> <li>Chock required number wheels</li> <li>Ensure chocks are as close as possible to wheel</li> <li>Lash required number of wheels</li> <li>Ensure lash is not twisted or damaged</li> <li>Ensure lash is tightened as much as possible</li> </ul>

**Aim = Detailed 8 Step Process**

# Wkg Group 3 - Safe Loading Environment

## Layout & Requirements

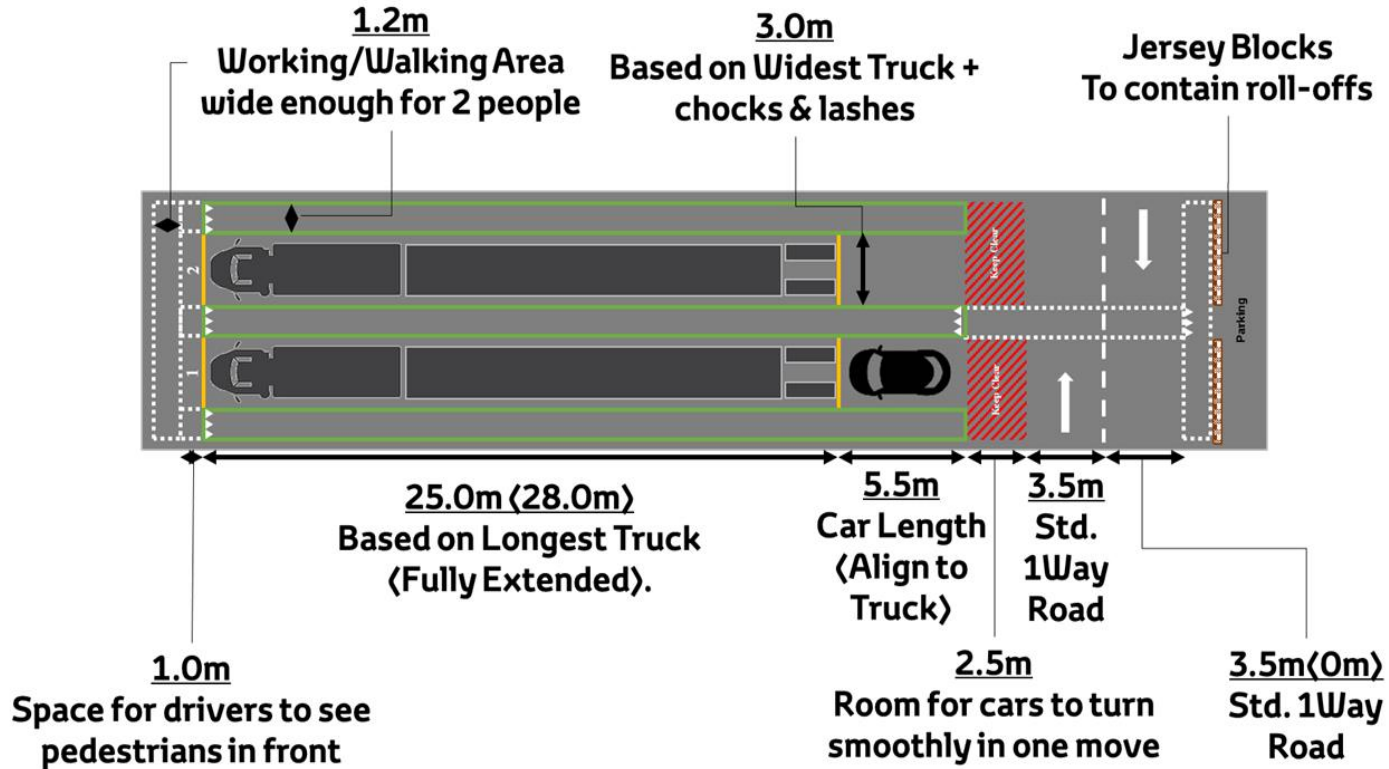
Site Entrance	Loading Area	Load Storage	Unload Storage	Yard Road
Mar-18	Dec-18	Jul-19	Oct-19	Dec-19

## General Requirements

Lighting	CCTV	Supervision	Washroom
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**Define Best Practice**

# Example: Loading Area Layout



**Ready for Consensus**

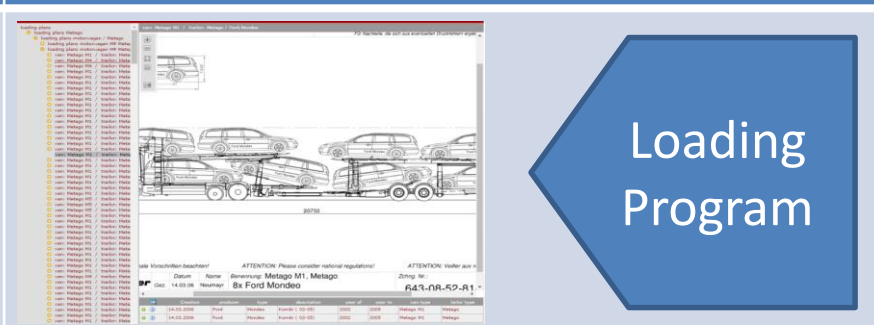
# Wkg Group 4: Safe Equipment

## Fall Off (4 proposals)



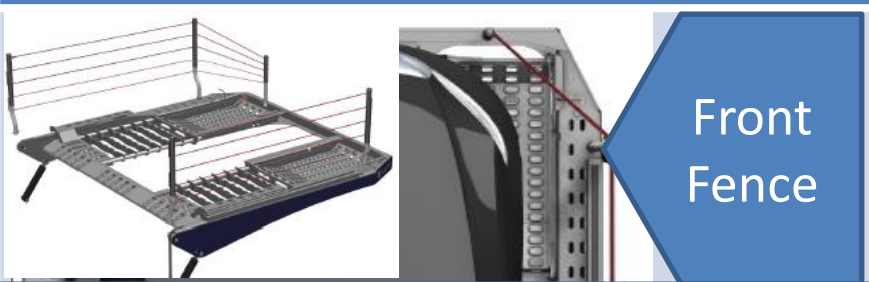
The image shows two photographs of a car on a transport trailer. The left photo shows a yellow and black striped safety bar extending from the side of the trailer. The right photo shows a black car on a trailer with a blue safety bar positioned behind it. A blue arrow-shaped callout box points to the safety bar with the text "Safety Bar".

## Roll off (2 proposals)



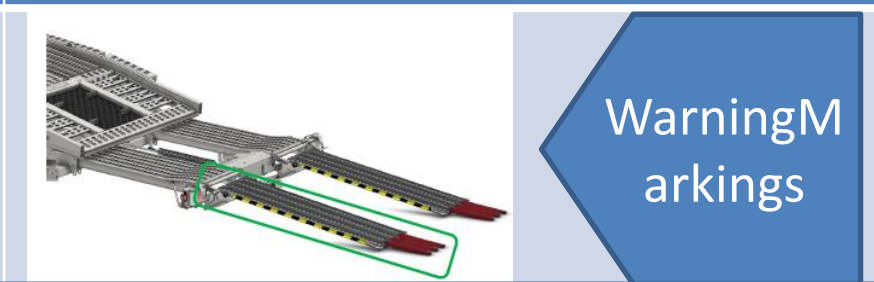
The image shows a screenshot of a software interface for a loading program. It features a list of vehicles on the left, a 3D diagram of a car on a trailer in the center, and a data table at the bottom. A blue arrow-shaped callout box points to the 3D diagram with the text "Loading Program".

## Drive Off (4 proposals)



The image shows two photographs of a transport trailer. The left photo shows a metal trailer with a front fence. The right photo shows a close-up of a trailer's front end with a red line indicating a fence location. A blue arrow-shaped callout box points to the fence with the text "Front Fence".

## Slip, Trip & Fall (2 proposals)



The image shows a photograph of a transport trailer with yellow and black striped warning markings on its side. A blue arrow-shaped callout box points to the markings with the text "Warning Markings".

**Many Ideas are Being Generated**

# Working Group Resources

LSP	OEM	Truck Mftrs
Gefco	Renault	Kassbohrer
CAT		
Hoedlmayr	Toyota	Lohr
Adampol		
Koopman	Vacancies	Rolfo
ECM		
Mosolf		
Vacancies		

**We have Vacancies!**

# Conclusion

- Safety Group is Launched & Progress is Good
- **More support required →  
Please Volunteer through ECG**
- **Working Group needs to seek  
Industry Buy-In**

**Please Support**



The Association of European Vehicle Logistics

**Let's ensure, one-by-one,  
all safety risks are tackled,  
once and for all**

