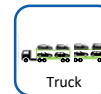




The Association of European Vehicle Logistics

# Health & Safety Working Group

Steve Thomas (Toyota Motor Europe)



# Working Group Direction



**Making & Evolving Stds for Safety Imp't**

# Working Group ...

## Timeline

### Concern Raised

(19-Oct-17: Industry Wkg Group)

### Launch Wkg Group

(27-Mar-18)

### Steering Mtgs

(4/Year)

## 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

## Objective

**Collect Reports for:**

**Significant Accidents**

(Accidents with injuries beyond first-aid)

**&**

**High-Potential**

**Near-Misses**

(Potential to cause injuries beyond first-aid)

## Why?

**Share Incidents  
with ECG Members**

(Safety Managers)

**Issue 'State-of-Industry'  
Report**

(1/Year)

**Learning together as an Industry**

# Wkg Group 1 – Accident Sharing

## LSP Report → Portal (15 Mins)

### INJURED PERSON

#### PARTS OF BODY AFFECTED

☐ No injury

☐ Truck driver

☐ Yard operator

Others

Expected days lost  
(on the reporting date)

Victim status  
(on the reporting date)

#### WEATHER AND ENVIROMENTAL FACTORS

☐ Cold/low temperature - value (C)

☐ Rain/wet weather

☐ Hot/high temperature - value (C)

☐ Slippery surfaces

☐ Intense light

☐ Physical obstructions

☐ Restricted light/visibility

☐ Distractions (visual/noise)

☐ Snow/ice

☐ Strong winds

☐ None

Others

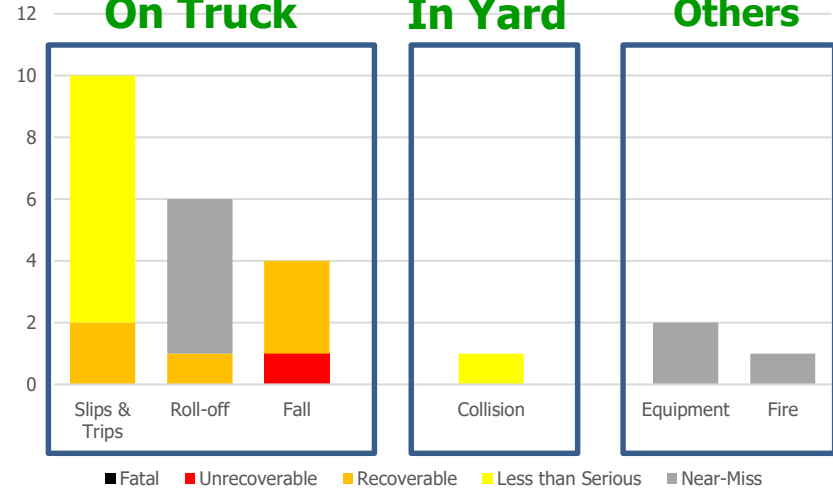
## ECG Annual Report

### (Un)Loading Incidents in 2018

On Truck

In Yard

Others



# Please Adopt in Your Company

# Wkg Group 1 – Accident Sharing



**'18 = 24 Entries (Wkg Gp)**  
**'19 = 100+ (Industry)**

## '18 Findings

**80%**

Roll-Offs →  
Electronic P/Brake

**80%**

Roll Offs →  
Trailer Position 1

**100%**

Fall From Height →  
Safety Rail Failure

## Finding the Key Issues

# Wkg Group 1 – Accident Sharing

	Current Status	Next Steps
Incident Report	<b>Launch to Industry</b> (Oct-19)	<b>Invite to Webinar</b> (Nov-19; Timing = TBC) <b>Upload Incidents</b> (Jan-20)
Industry Report	<b>Drafted 2018 Report</b> (Oct-19)	<b>Issue 2019 Report</b> (Mar-20)

**Attend Webinar & Upload Accidents!**

# Wkg Group 2 – Std. Loading Process

## Objective

**Create an  
Industry  
Minimum  
Standard**

## Why?

**Precise Step x  
Step Guidance**  
(Emphasis on Safety)

**Align Drivers  
& Hub Operators**

**Promote Safe Standard**



# Wkg Group 2 – Std. Loading Process

**1. Site Arrival**

**2. Prepare Deck**

**3. Drive Unit to Truck**

**4. Load Unit**

**Load TRUCK Upper Deck**

**Load TRAILER Upper Deck**

**Loading LOWER Deck**

**5. Final Checks**

**+ 4 x Fundamental Skills** (Enter Car; Start Car; Stop Car; Exit Car)

**Concise, Generic Standard**

# Wkg Group 2 – Std. Loading Process

## 5 x Step Loading Sequence

Site Arrival  
pag 3

Truck Condition Check Sheet

Truck Upper Deck Loading

STEP 2A	STEP 3	STEP 4	
Prepare Truck Upper Deck for Unit pag 5	Drive Unit to Truck pag 11	Load Unit on Truck Upper Deck pag 14	All units on Truck Upper Deck Loaded?

NO YES

Trailer Upper Deck Loading

STEP 2B	STEP 3	STEP 4	
Prepare Trailer Upper Deck for Unit pag 7	Drive Unit to Truck pag 11	Load Unit on Trailer Upper Deck pag 14	All units on Trailer Upper Deck Loaded?

NO YES

Lower Deck Loading

STEP 2C	STEP 3	STEP 4	
Prepare Lower Deck for Unit pag 11	Drive Unit to Truck pag 11	Load Unit on Lower Deck pag 17	All units on Lower Deck Loaded?

NO YES

Depart from hub

STEP 5

Final Checks  
pag 19

## Each Step = 2 ~ 4 Pages

### Step 1 – Arrival on Site

<b>1.4 SECRET PARK THE TRUCK</b>	<b>A. Engage truck gear in P/Tat</b>  To block on area and prevent truck roll off	<b>B. Engage parking brake</b>  To block other area and prevent truck roll off	<b>C. Check parking light on truck volometer</b>  To ensure truck is securely parked
	<b>D. Adjust air suspension</b>  To ensure truck is ready for loading	<b>E. Turn off engine</b>  To minimize emissions during loading	
<b>1.5 CONDUCT ARRIVAL CHECK</b>	<b>A. Remove/cover sharp objects, jewellery or metal</b>  To prevent damage to units	<b>B. Exit cabin using 3 Points of Contact</b>  To prevent slips, trips or falls	
	<b>C. Wear safety shoes &amp; hi-viz jacket</b>  To prevent slips, trips, falls, to prevent car-man collisions	<b>D. Visually inspect safety-rails, hydraulics and decks</b>  To ensure truck is safe to load cars on to	
<b>1.6 GO TO LOADING OFFICES</b>	<b>A. Use pedestrian path</b>  To prevent truck man or car-man collisions	<b>B. Give priority to vehicles at all crossings</b>  To prevent truck man or car-man collisions	

## Each Step → Multiple Sub-Steps

1.5 CONDUCT ARRIVAL CHECK

<b>A. Remove/cover sharp objects, jewellery or metal</b>  To prevent damage to units	<b>B. Exit cabin using 3 Points of Contact</b>  To prevent slips, trips or falls
<b>C. Wear safety shoes &amp; hi-viz jacket</b>  To prevent slips, trips, falls, to prevent car-man collisions	<b>D. Visually inspect safety-rails, hydraulics and decks</b>  To ensure truck is safe to load cars on to
<b>1.6 GO TO LOADING OFFICES</b>	
<b>A. Use pedestrian path</b>  To prevent truck man or car-man collisions	<b>B. Give priority to vehicles at all crossings</b>  To prevent truck man or car-man collisions

## Each Sub-Step → Multiple Key Points

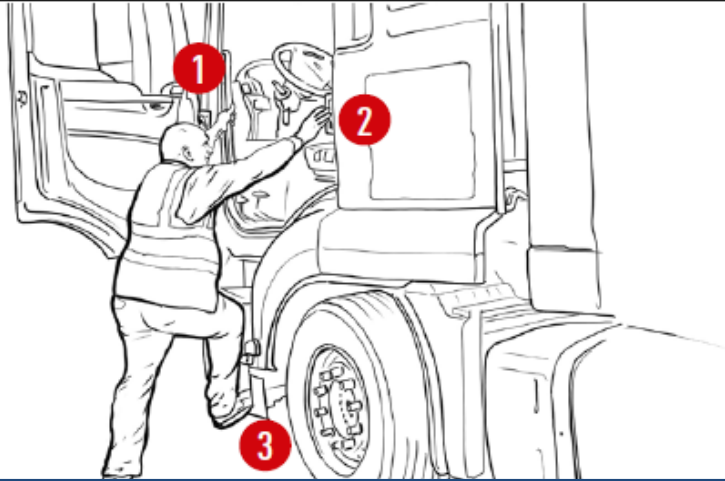
# Easy Read; Easy Train; Easy Check

# Wkg Group 2 – Std. Loading Process

**What?**

B. Exit cabin using 3 Points of Contact

**How?**



**Why?**

To prevent slips, trips or falls

**Clear & Concise Key Points**

# Wkg Group 2 – Std. Loading Process

	Current Status	Next Steps
Guidance Document	<b>Draft</b> (Ready for Industry Consensus; Oct-19)	<b>1<sup>st</sup> Edition Published</b> (^20 - Spring Congress)
Align Drivers	<b>Trialled with Driver-Trainers</b> (Mar-19)	<b>Attend 'Train-the-Trainer'</b> (Monthly: Nov-19 to Mar-20)

**Ready to 'Train-the-Trainer'**

# Wkg Group 2 – Train-the-Trainer

2019		2020		
<b>26-Nov</b>	<b>17-Dec</b>	<b>21-Jan</b>	<b>18-Feb</b>	<b>24-Mar</b>
<b>West</b>	<b>South</b>	<b>East</b>	<b>Central</b>	<b>North</b>
<b>Onnaing, FR</b>	<b>Sagunto, ES</b>	<b>Kolin, CZ</b>	<b>Leipzig, DE</b>	<b>Malmo, SE</b>

**Please Sign-Up & Attend**

(There's One Near You!)

# Wkg Group 3 – Std. Yard Design

## Objective

**Define  
Best Practice  
for Yards**

## Why?

**Promote  
Harmonized Yards**  
(Emphasis on Safety)

**Align Hub Operators  
& Drivers**

**Create Standards Across Industry**

# Wkg Group 3 - Safe Loading Environment

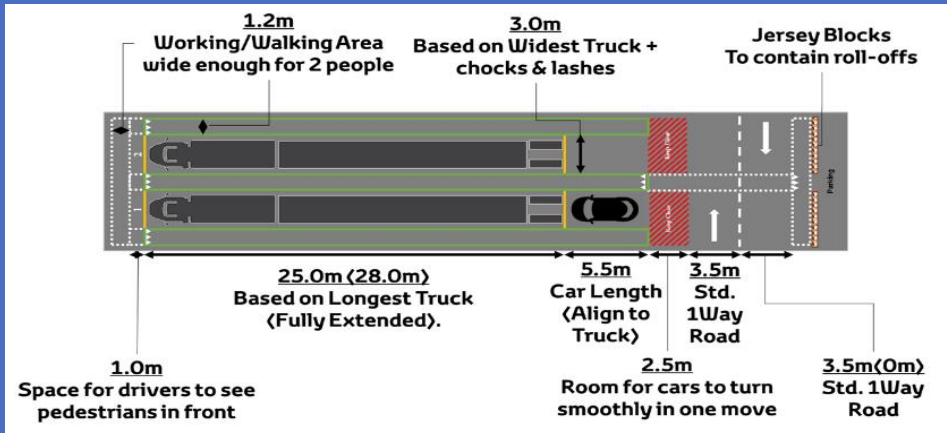
## 'Best Practice' Guidelines

1. Site Entrance	2. Loading Area	3. Load Prep & Storage	4. Yard Roads
Rules + Signage + Entry Cards	Markings + Layouts + Processes	Markings + Layouts + Processes	Markings + Signage
5. General Requirements			
Lighting	CCTV	Supervision	Washroom

**Define Best Practice in 5 Chapters**

# Wkg Group 3 – Examples

Loading Area + Visuals Std.  
Ready



Welcome to ECG Hub

Always				
Walking	<td><td><td></td></td></td>	<td><td></td></td>	<td></td>	
Working	<td><td><td></td></td></td>	<td><td></td></td>	<td></td>	

If in doubt, CALL GATE @ +32 474 98 12 34  
HEAR A SIREN? GOTO EVACUATION ZONE.

Visitor 020



Standards Being Implemented  
(to ensure safe loading environment)

40% Complete



# Wkg Group 3 – Safe Loading Environment

	Current Status	Next Steps
Guidance Documents	<b>Industry Feedback on 2 Chapters</b> (Nov-19)	<b>Complete Remaining Chapters</b> (Jan-20)
Align Compiunds	<b>Develop Strategy to Promote Uptake</b> (Jan-20)	<b>Roll-out Strategy</b> (Mar-20)

**Release at '20 Spring Congress**

# Wkg Group 4 – Breakthrough

## Objective

**Develop  
Risk Mgmt Tool  
for Car Carriers**

## Why?

**Assess Risk  
of Car Carriers**

**Catalogue  
Risk Control Options**

**Develop Safer Equipment**

# Wkg Group 4 – Breakthrough

## Each Key Point of Loading Std

## Probability & Risk x Truck

Step	Sub-Step	Key Point	Key Risks	C	Truck Specific Risk	P	R	Risk truck
2A - Prepare Truck Upper Deck	2A.1 Adjust decks	A. Put on gloves						
		B. Visually confirm that there are no people on or around the truck						
		C. Extend the rear-deck as far out as possible						
		D. Adjust the front truck deck to be as flat as possible						
		E. Close the gap between the truck & trailer decks						
		F. Adjust truck/trailer suspension using hydraulic levers						
		G. Visually re-check the gap between truck & trailer decks						
		H. Ensure safety pins & levers on decks are locked						
	2A.2 Fix ramps to deck	A. Open loading ramp boxes						
		B. Ensure you are in an ergonomic position						
		C. Pull ramps out						
		D. Attach ramps to deck						
		E. Open flaps at the end of the ramp						
		F. Visually confirm ramp angle is less than 8°						
			- Injuries to people in vicinity	2	- No measures	1	1	Low
			- Deck collapse	3	- Built-in, automatic self-locking cylinders	1	3	Mod
			- RSI risk if not designed well	2	- Rollers to make pulling out easier - Lighter material for ramps aluminium	1	2	Mod

**Key Risks → Industry Knowledge  
(Accident Reports)**

**FMEA-Style Risk  
Assessment Agreed**

# Wkg Group 4 – Breakthrough

	Current Status	Next Steps
Risk Assess	<b>Method Agreed &amp; Trialled</b> (Aug-19)	<b>Risk Assessment Sessions</b> (Monthly: Nov-19 to Mar-20)
Risk Control	<b>Catalogue Safety Features</b> (Jan-20)	<b>Develop Uptake Strategy</b> (Jun-20)

**Attend Risk Assessment Session!**

# Wkg Group 4 – Breakthrough

2019		2020		
<b>27-Nov</b>	<b>18-Dec</b>	<b>22-Jan</b>	<b>19-Feb</b>	<b>25-Mar</b>
<b>West</b>	<b>South</b>	<b>East</b>	<b>Central</b>	<b>North</b>
<b>Onnaing, FR</b>	<b>Sagunto, ES</b>	<b>Kolin, CZ</b>	<b>Leipzig, DE</b>	<b>Malmo, SE</b>

**Please Sign-Up & Attend**  
(Day 1 = Loading; Day 2 = Risk Assessment)

# Conclusion

- **Progress = Good**
- **Thank you to Working Group & Supporters**
- **Need FVL Industry Alignment!**

**Some way to go!**

# Requests to FVL Industry

	LSPs	OEMs	Truck Mftrs.
Incident Report	<b>After Training; Upload</b> (by Jan-20)	<b>Insist on LSP Reporting</b>	<b>Support Analysis</b>
Loading Std	<b>Join 'Train-the-Trainer' Sessions;</b> Validate Standard (Nov-19 to Mar-20)		<b>Align User Manuals</b>
Yard Guide	<b>Working Group to Complete</b> (Dec-19)		
Risk Assess	<b>Join 'Risk Assessment' Sessions;</b> Validate Method (Nov-19 to Mar-20)		<b>Innovate Safety Solutions</b>



The Association of European Vehicle Logistics

**"Safety and security don't just happen, they are the result of collective consensus and public investment"** *N. Mandela*

***Let's build a consensus for a safer industry***

