

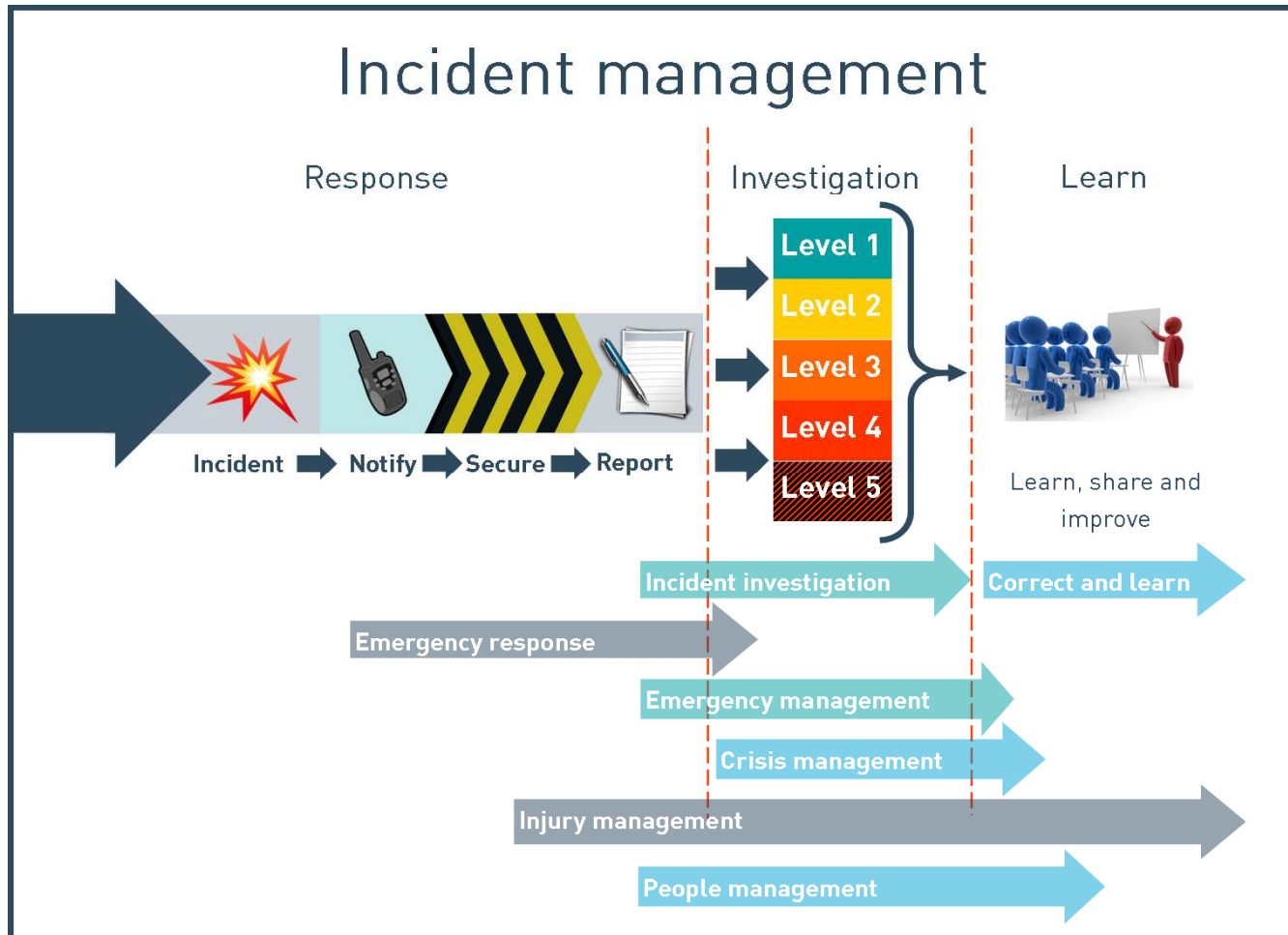
SOUTHERN PORTS
ALBANY BUNBURY ESPERANCE

TRANSAFEWA
WA Road Transport Industry Safety
Forum

Incident Investigation and Lessons Learned

Darren Chapman – General Manager HSES

Incident management framework



What happened: Incident details

INCIDENT OCCURS



- Date: **Friday 2nd March 2018**
- Time: **1615hrs**
- Port User: **Softwood Logging Services (SLS)**
- Contracting Agency: **Bunbury Fibre Plantations (BFE)**
- Actual Impacts: **Damage to both the trailer and the road**
- Potential impacts: **Safety (fatality)**

Port User Incident - Truck Trailer Rollover



16/04/2018

Port User Incident - Truck Trailer Rollover



16/04/2018

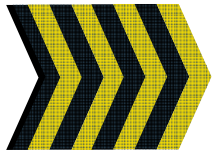
Immediate emergency response actions



NOTIFY

Action: Notify Southern Ports HSES Manager

Accountability: Bunbury Fibre Exports



SECURE

Action: Implement traffic controls on a public roads

Accountability: Southern Ports and Bunbury Fibre Exports

- Reflective triangles
- Southern Ports port security working as traffic controllers

Port User Incident - Truck Trailer Rollover



16/04/2018

Port User Incident - Truck Trailer Rollover



16/04/2018

Discovery


- Management Systems
- Training and Competency
- Fitness for Work
- Equipment
- Work environment
- Time of day

Contributing factors

- Driver inattention
 - Distracted by barge decommissioning works
 - Failed to watch road whilst driving
- Driver inattention to environmental conditions
 - Soft edges/drain
 - Road alignment
- Equipment
 - Trailer whip and tip over after correction by driver
- Fatigue
 - 11.45hrs w/ 2hr break

Remedial Actions

- Engineering (hard controls)
 - Repair damage to road (Southern Ports)
- Administration (soft controls)
 - Renew all driver's fatigue management training (SLS/BFE)
 - Communicate Lessons Learned to key stakeholders (Southern Ports/BFE/SLS)




Safety Alert

Alert Number: 094

Alert Title: Driver distraction – truck trailer tip over Incident Port of Bunbury

Alert Date: 10 April 2018 **Site:** Southern Ports - All Sites

On Friday 2 March 2018 at approximately 1615hrs, a truck in road train configuration travelling along Leschenault Drive within the Port of Bunbury, carting woodchips to a site at the rear of Berth 8, left the road and as the driver attempted to move the truck trailer combination back onto the bitumen and pull up, the loaded rear trailer strayed into the soft sloped gravel verge and tipped onto its side (refer below photo).



The truck driver reported that he had noticed an activity occurring within the port area to his left and this had distracted his attention from the road resulting in the trailer tip over incident. The subsequent investigation found that driver fatigue may also have been a contributing factor.

While there was no injury sustained and the truck speed at the time was relatively low, the incident is a salient reminder of the need to ensure that attention is paid strictly to the task at hand when operating heavy vehicles and that distractions, momentary lapses in attention and fatigue have the potential to result in serious consequences including injury and equipment damage.

Please reinforce with all staff the need to concentrate strictly on the task at hand, particularly when operating heavy vehicles and other mobile plant and equipment.

Alert today – Alive tomorrow!!!

Contact:	Huey Lange	OSH, Risk and Security	0417 091 461
	Name	Officer	Phone

1 | Page

Lessons Learned



- Human Factors – mental ‘slips’ are a common human error that can occur at any time
- Pre-task risk assessments need to consider changes in work environment (including changes in scenery)
- Minor changes in road direction can result in significant outcomes (minor bend in the road)
- The sudden change in direction of the truck can result in a ‘whipping’ action of trailers
- Unsealed and/or angled spoon drains provide limited traction



Questions?

