



2024 SLAP Meeting

Near Miss Event Reporting

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Effective Near-Miss Reporting can prevent accidents; because people are involved in practicing safety everyday.

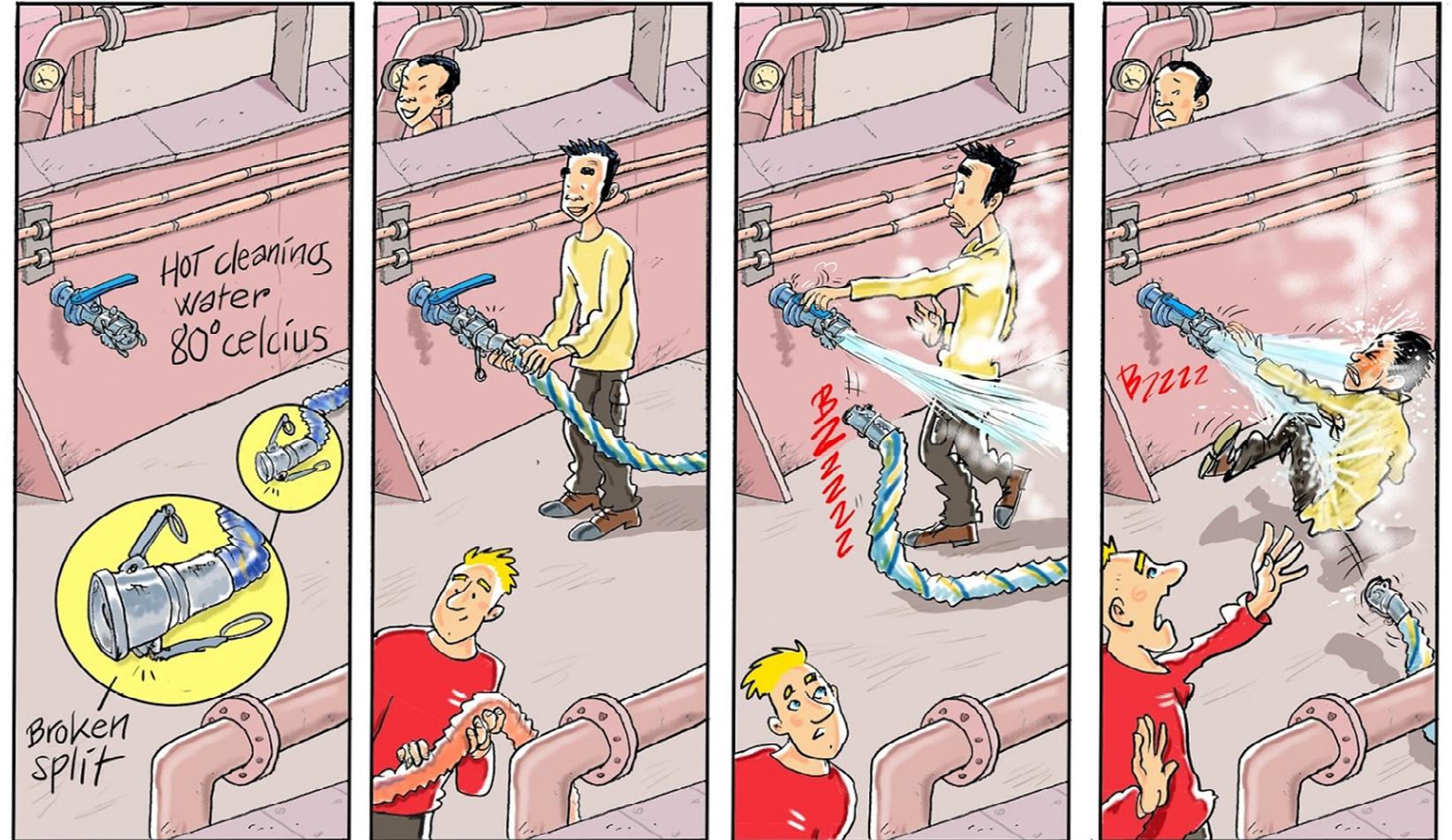
What is a Near Miss?

Definition: A sequence of events and/or conditions that could have resulted in loss. This loss was prevented only by a fortuitous break in the chain of events and/or conditions. The potential loss could be human injury, environmental damage, or negative business impact (e.g., repair or replacement costs, scheduling delays, contract violations, loss of reputation).



Understanding Terminology

The Scalding



Unsafe condition.



Unsafe act



Near miss



Accident

What is the value of reporting Near Misses?

Brings awareness to others

Awareness at both Crew AND management level

Statistics show that more frequent near miss reporting leads to lower incident rates.

What are actionable items?

Management evaluates and communicates near miss events.

Training and Skill development.

Corrective Action to PREVENT REOCCURRENCE.

Examples of Disasters

Sinking of the Herald of Free Enterprise

- December 1987, Off the coast of Belgium.
- 540 Passengers and Crew, 193 Fatalities.
- Causes:
 - Vessel left port with bow door unsecured, NOT in accordance with procedures.
 - Assistant Bosun was in his rack napping, instead of securing the bow door.
 - Procedures required the mate to supervise the bosun securing the door. The Mate left for the bridge believing the bosun would arrive at the door shortly to complete the task.
- What break in the chain would have prevented this disaster?



Examples of Disasters

Sinking of the MS Estonia

- September 1994, in the Baltic Sea.
- 989 Crew and Passengers, 852 Fatalities(possibly 921 due to uncounted passengers)
- Causes:
 - Rough Weather: 30-50kt+ wind, 10-20 foot seas, rain
 - Typical [Bad] Autumn Storm in the Baltic Sea
 - Bow door failure caused rapid flooding and list.
- What break in the chain would've prevented this disaster?
 - Reporting of cracks in bow door hinges?
 - Delaying sailing on account of weather?
- This incident led to new IMO SOLAS Regulations including:
 - Better EPIRBS, older EPIRBS required manual activation.
 - Changes in liferaft requirements
 - Voyage Data Recorders, on applicable vessels.

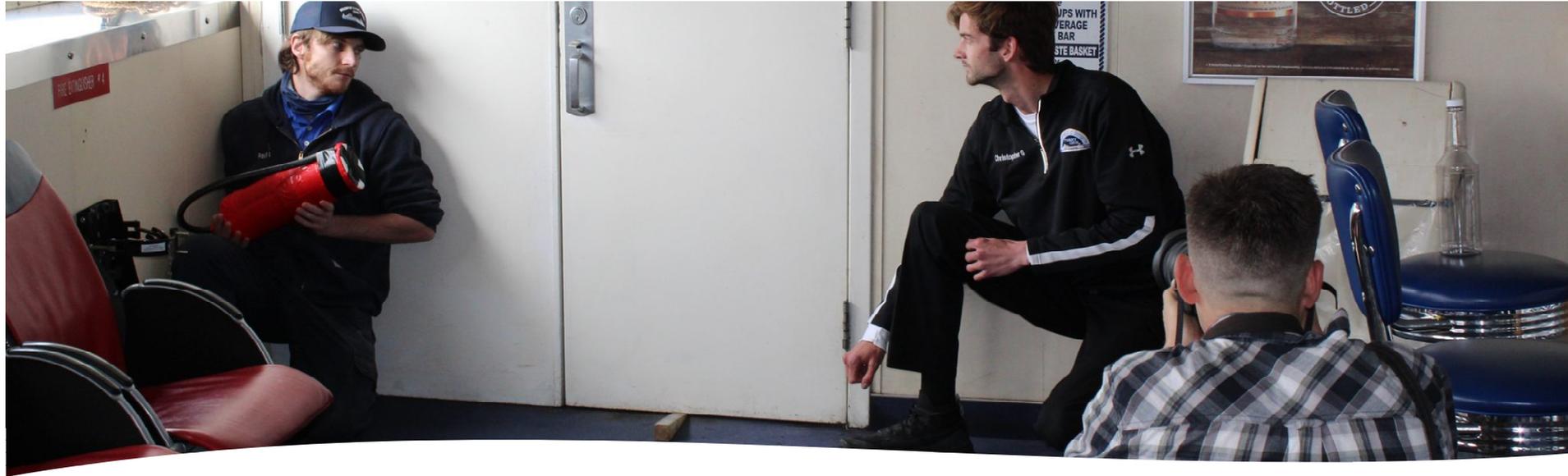


*Picture from Estonia documentary

What are your challenges in getting Near Misses reported?

- Management support?
- Time to complete?
- Records management?
- Added scrutiny?
- Seeing the Benefits?

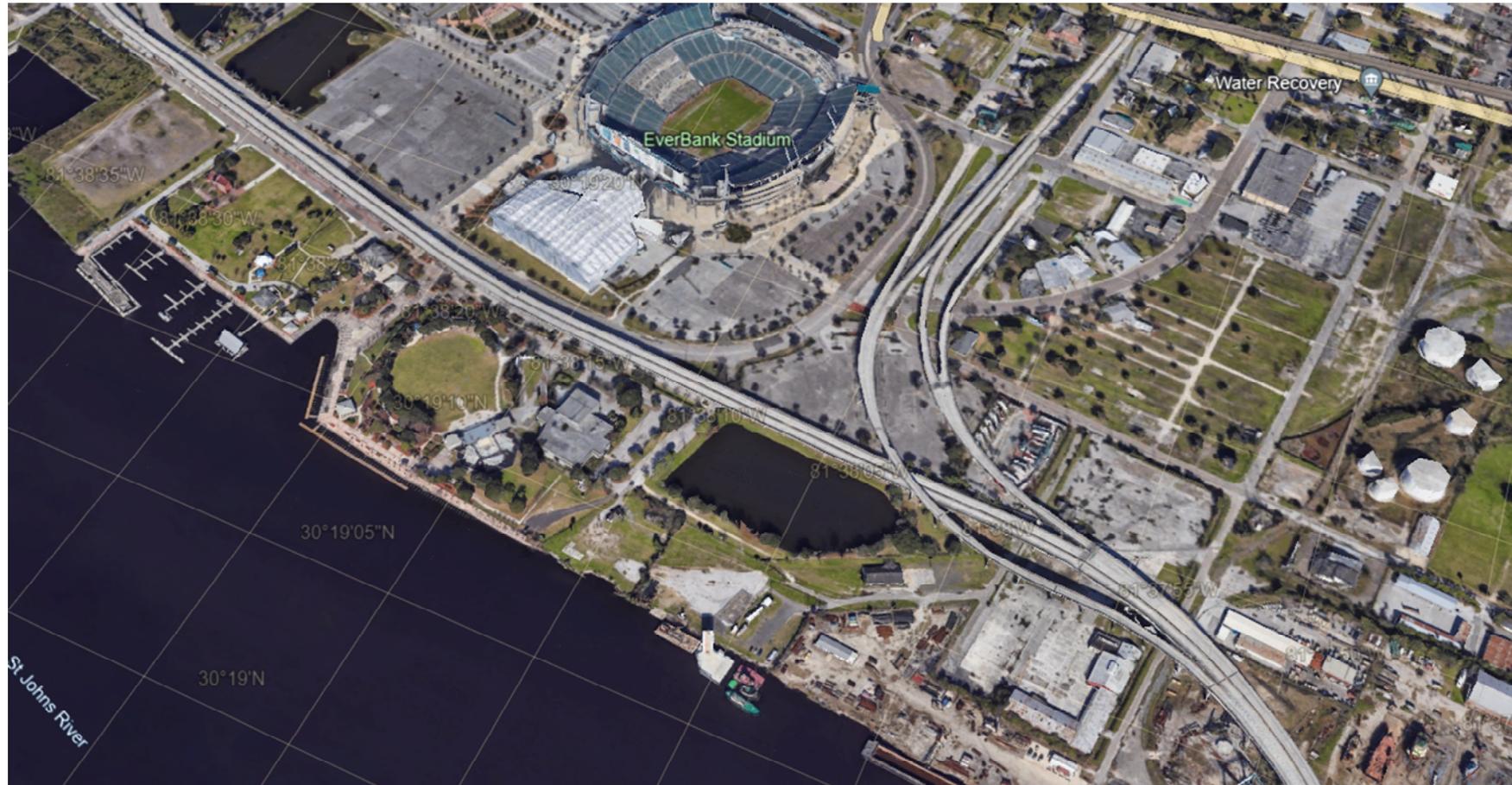




Reporting a Near Miss

- Report Near Misses per your procedures.
- Be as descriptive as possible,
- Photos can really help.
- Time, Location, Persons involved, Weather or other environmental factors.
- Stick to factual statements
- Were there any Unsafe Conditions?
- Were there an Unsafe Acts?

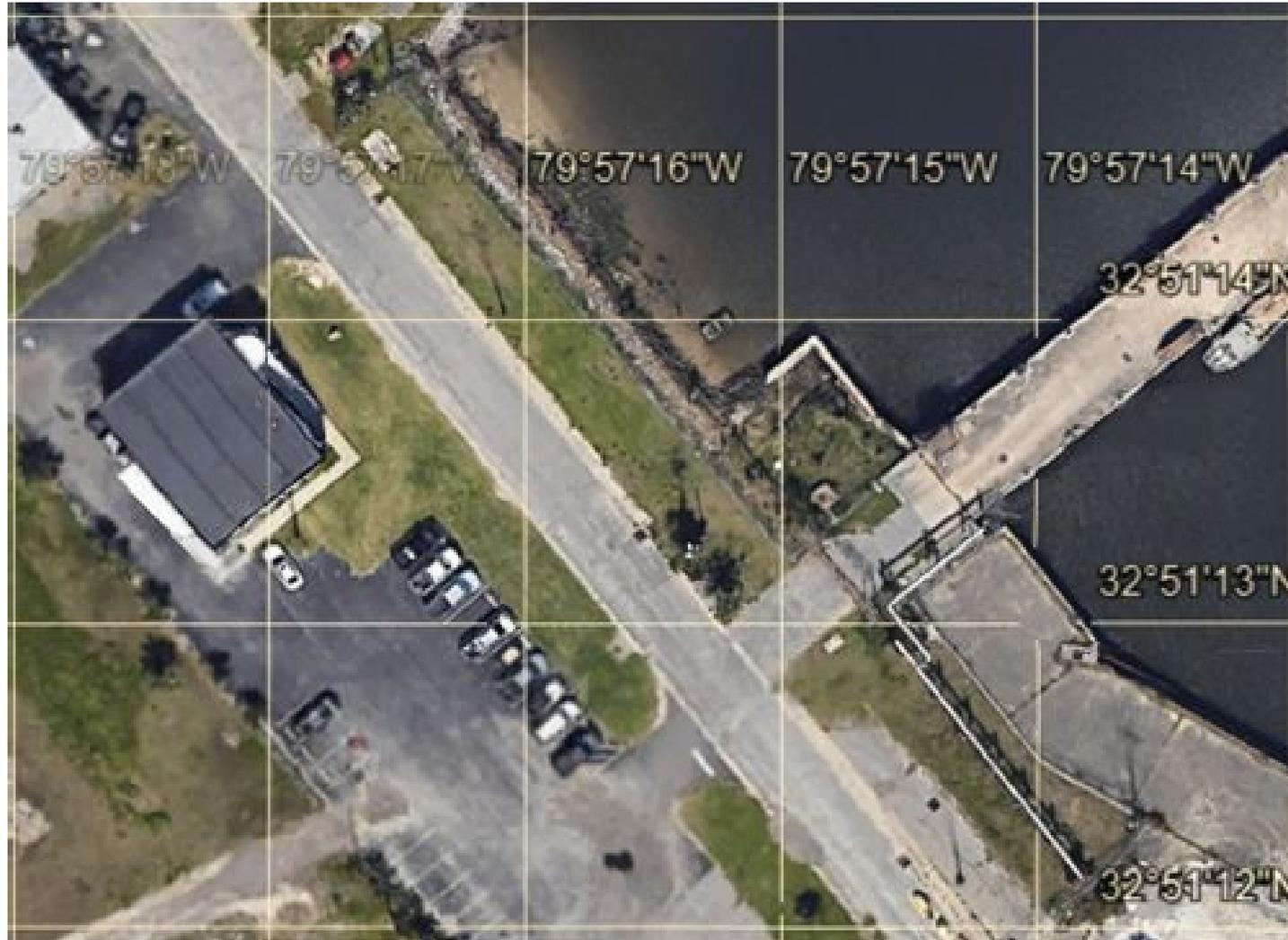
Port Security - Community Risks



Gate Access



Facility Access



Closed and Locked Gate



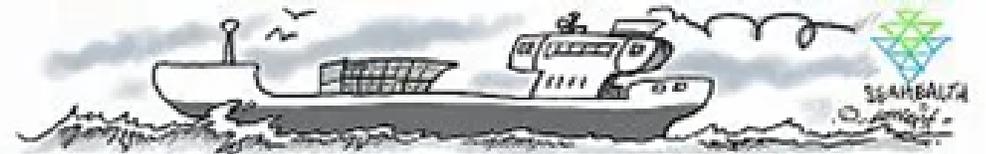
Takeaways

- Near Miss reporting is a positive process
- Effective communications is key
- Reinforcing good behaviors, positively promotes a Company's safety culture
- Exercising Due Diligence is important

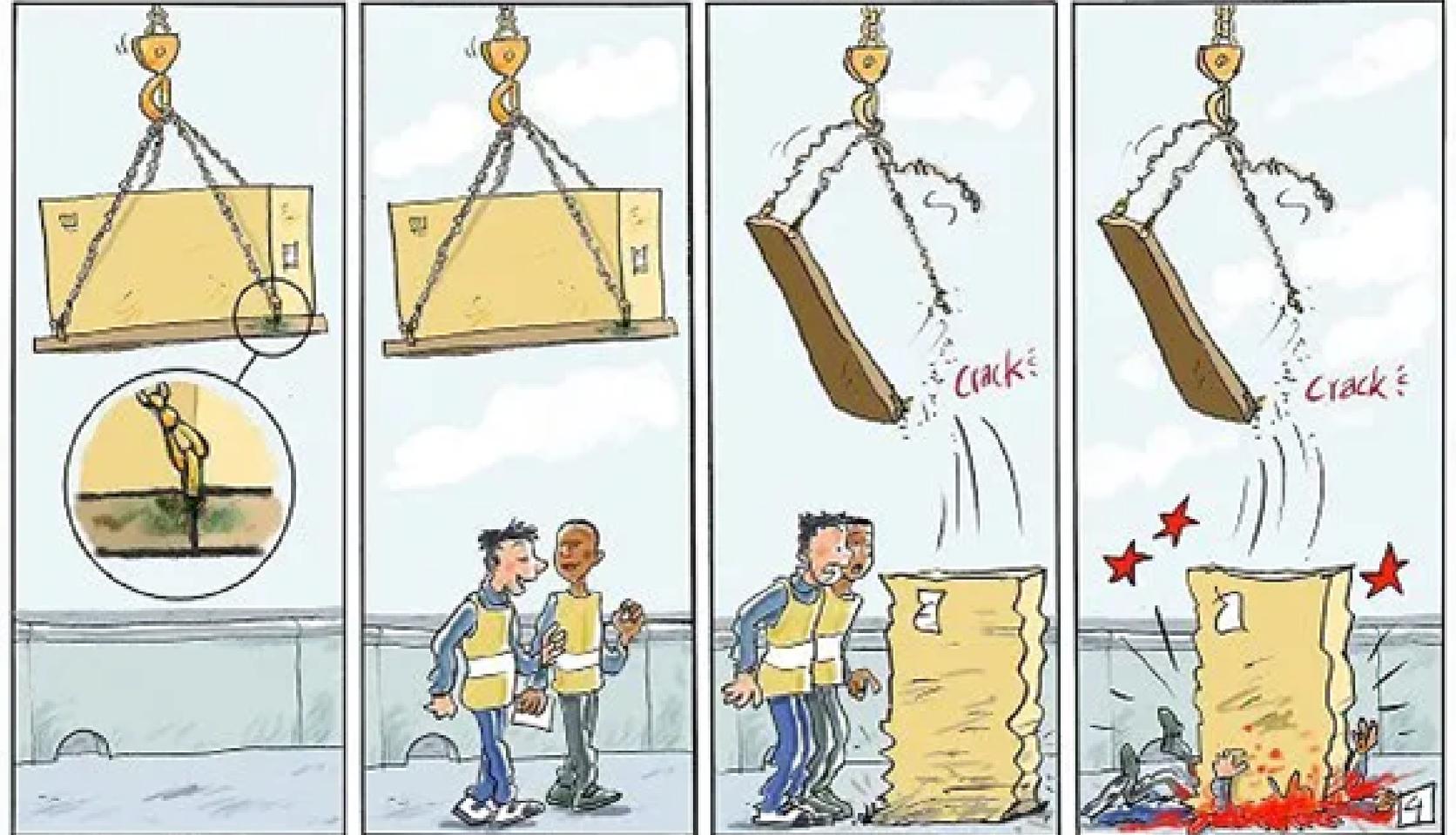
Behaviors
influence
outcomes



the rusty lifting gear



A sequence of events and/or conditions that could have resulted in loss.



Unsafe condition • Unsafe act • Near miss • Accident

Safety Culture and Teamwork

