

Type of Incident	Personal Injury- Medical Treatment Injury (MTI) High Potential Event
Key Issues	Driver experienced a momentary lapse of attention, resulting in a micro sleep episode (Fatigue)
INX Incident No	157013
Date & Time	Monday, March 18 th 2024, 17:46hrs
Location	KM 94 – Tabubil Kiunga Highway
Injury	Medical Treating Injury (MTI)



DESCRIPTION

On Monday, March 18th, 2024, at around 17:46 hrs, the Milum Flatbed Tyre truck (Fleet F200) was en-route from Kiunga to Tabubil, following a Milum linehaul convoy. After departing from the 2nd rest stop point at Km66, the vehicle resumed its journey towards Tabubil. As it approached Kilometer 94 (Km94) and navigated through a narrow road section, the driver experienced a momentary lapse of attention, resulting in a micro sleep episode. This led to a loss of control of the vehicle, causing it to veer to the left and subsequently tip over when the front left wheel edged too close and went over the edge. Despite attempts to correct the trajectory, the vehicle rolled over 3 times down the gully, covering approximately 25 meters before coming to a halt.

Both the driver and the crew (Tyre Fitter) sustained minor injuries, including lacerations and bruises to the arm and leg.

Title	Owner	Issued	Version	Last Reviewed	Next Reviewed	Page
OHS Standard 4-03 Form - HAZCOM	MGR Safety	31/03/2023	2.0	31/03/23	31.03.25	1 of 1

LESSONS

- Micro sleep episode can lead to loss of control and potentially catastrophic accidents. Implementing effective fatigue management programs, including regular monitoring through technologies like ReadWatch, is essential to prevent such incidents
- The absence of driver alert programs during convoy journeys reveals a gap in convoy safety protocols. It's crucial to ensure that comprehensive safety measures, including driver alertness programs, are implemented consistently across all convoy operations to mitigate risks effectively.
- The presence of narrow road sections with limited road berms and old, worn road furniture poses significant challenges to road safety. Addressing these infrastructure deficiencies, such as through road widening projects and upgrading road furniture, is essential to enhance overall road safety. Always drive to road conditions.

ACTIONS

- Enhance the Safety Management Plan (SMP) by implementing a structured review framework to enable systematic audits. These audits will ensure compliance with Standard Work Procedures (SWP) within Line haul operations. Additionally, emphasize strategies within the Fatigue Management Plan, particularly the Readwatch program, to uphold effectiveness and consistency.
- Plan and coordinate with relevant authorities to prioritise the widening of all narrow road sections along the Tabubil-Kiunga Highway, align these efforts with ongoing pilling projects initiatives to ensure effective implementation.
- Conduct a thorough review of the OTML TrakPro and ADAS Camera system to assess its effectiveness in detecting and alerting drivers of micro sleep events. Explore the feasibility of implementing a similar setup in Milum's main office to bolster safety measures and minimize the risk of fatigue-related incidents.
- Employee to undergo refresher ASAB coaching sessions conducted by experienced safety coaches who will educate employee about the signs and symptoms of stress, how it can affect their performance and safety on the job, and strategies for managing stress effectively.
- Review and update Standard Work Procedures (SWP) to include the tyre truck as part of the convoy fleet. Ensure that all vehicles involved in convoy operations are properly registered and accounted for in SWP and develop and alert protocol for drivers during the journey.

Karo Yama
Manager – Logistics

Department:	Status:	Issued:	Page 2 of 2
Logistics	Approved	13/04/2024	Business Confidential

Title	Owner	Issued	Version	Last Reviewed	Next Reviewed	Page
OHS Standard 4-03 Form - HAZCOM	MGR Safety	31/03/2023	2.0	31/03/23	31.03.25	1 of 1