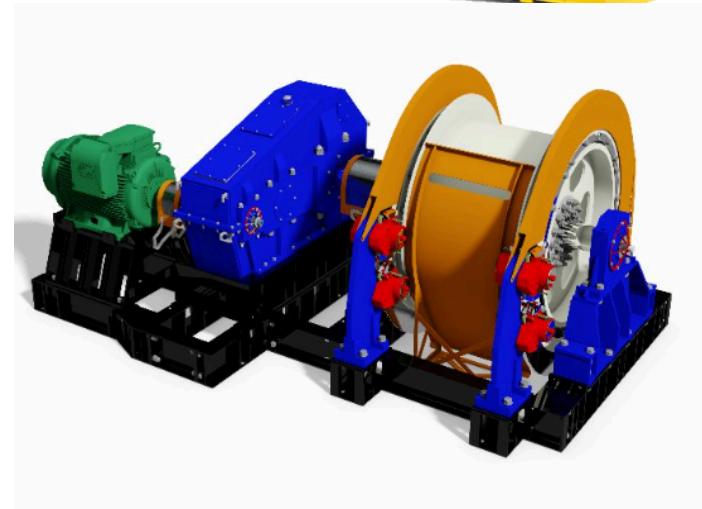


# Weekly Engineering Report

Week 21  
15 - 21 November



 Logo



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# DEPARTMENTAL OVERVIEW (HEAL)

## ↗ Highlights

- ✓ **[Gloria]** TMM availability increased 82% to 88%; Achieving mining production 54,219t vs 54,221t target; CAS level 9 compliance.
- ✓ **[N2]** Workshop capital submitted on Signinghub for approval; New dump truck (DT182) delivered to Nch2 on Friday afternoon.
- ✓ **[N3]** Diesel Fleet Availability: Continued good diesel fleet performance; HD Fleet: Improvement performance; CAS L9 Implementation: Improving progress; Environment Management: Removal of...

## ↘ Lowlights

- ⚠ **[Gloria]** RT availability 63%; RT0037 Transmission fixed.
- ⚠ **[N2]** Breakdowns on 2West plant (Thursday & Friday), affected ROM performance; Zero progress on CAS L9 commissioning of Land Cruisers; Late placement of PR's for Cruiser replacements.
- ⚠ **[N3]** Conveyor Belts: Raise belt splice failure; Scalpers: Delayed Deutz (OEM) response to commission new installed engine; Resources availability – Holiday season.

## 🕒 Emerging Issues

- 🕒 **[Gloria]** UV0136 electrical scissor lift installation loop issue; All Fermels reverted to L7 due to software upgrade; Toyota Cruiser L9 no improvement; Kenru MSTA findings incomplete.
- 🕒 **[N2]** Unresolved repetitive breakdowns on DT121 and DT128 (over-speeding and gears fault); MO reported 7 lost blasts on Friday night due to emulsion units; Chairperson to give verdict on...
- 🕒 **[N3]** Plant Reliability: Infrastructure fatigue related failures (Hammer, conveyor belts, splices).

## 🔑 Priorities

- 🔑 **[Gloria]** Cleaning 9 west dam; L9 full-time operator; H conveyor belt replacement 29-30 Nov; Capital presentation (tyre bay fire system, 2.2kV upgrade).
- 🔑 **[N2]** Nerospec to install split charging units onto Land Cruisers; Barloworld to complete fitment of ECM's and commission the outstanding trucks; Vibration assessments on TMM to commence...
- 🔑 **[N3]** CAS L9 Implementation: Complete implementation to meet the December target date; Production & Plant Infrastructure: Audit all splices on belts to prevent failures & review...

# Shafts & Winders Performance

Weekly Tons/Hr

Target: 523

659

Weekly RW Availability (%)

Target: 95%

95%

## ✓ Highlights

- SolRock successfully conducted shaft scanning.
- Recognition: Leonie for Care & Excellence (always willing to assist); Niel Terblanche for Excellence & Accountability (fixed Gloria Winder Generator Controller, saving R34,000+).

## ⚠ Lowlights

- WTFitter position re-advertisement: Not enough suitable candidates identified.

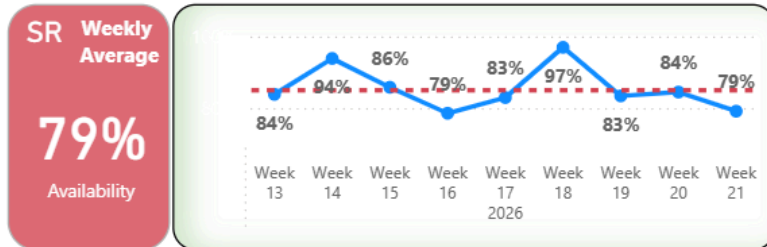
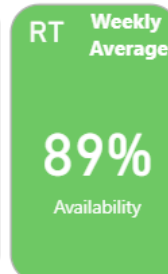
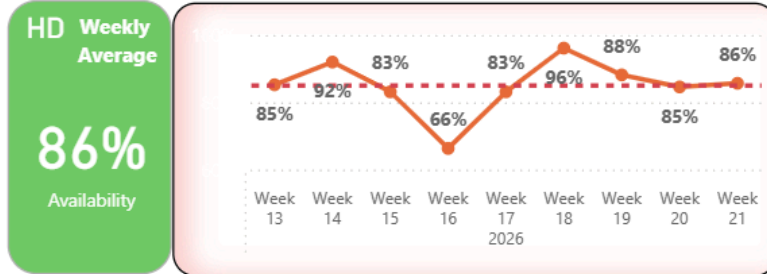
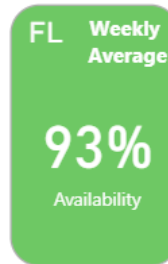
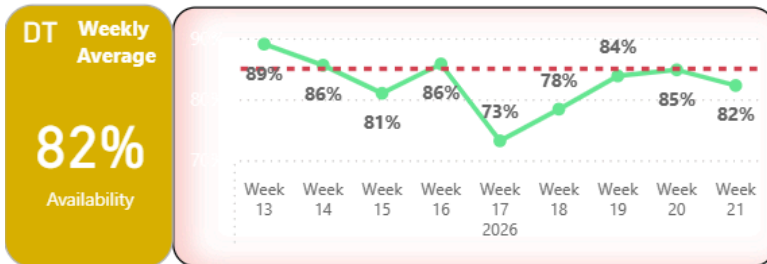
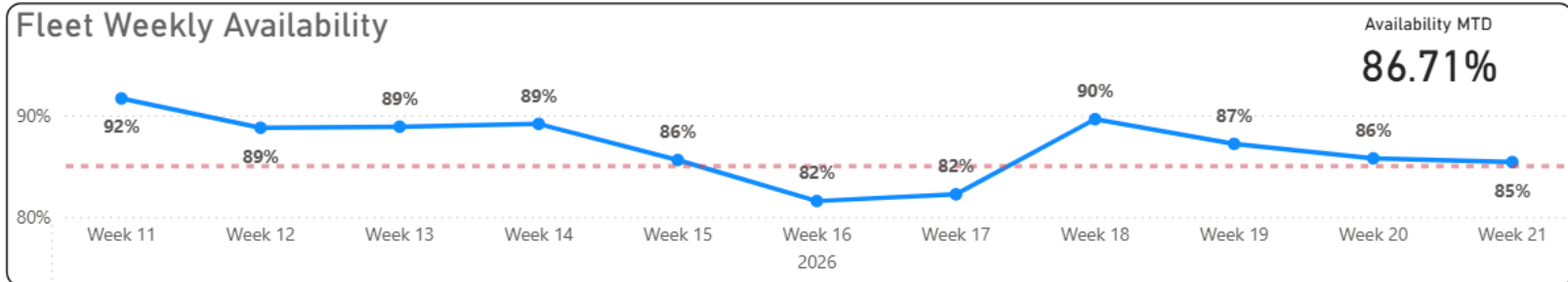
## 🕒 Emerging Issues

- Low complement of Fitters and Riggers in Mechanical Section.
- Massive impact of providing full maintenance of changehouses across all 3 shafts.

## 🔑 Priorities

- Shaft Repair Work with Solrock Team (Weekend 15).
- Employee engagement/resignations engagement with SGM: IDP sessions with team.
- Assist with 3rd Quarter Safety Campaign.
- Shaft Exam with Machinery Inspector; Shaft Dewatering pump test.

# Nchwaning 3 Weekly Availability Trend



# Nchwaning 3 Performance Overview

✓ Safety

|| Weekly Avg.

**86%**

(Target: 85%)

⚙ Compliance

DT Diesel 100%; FL Diesel 100%; FL BEV 100%; DT BEV 50%; HD 100%; RT 100%; SR 100%; Support 60%.

## Equipment Availability

DT-Diesel

89%



FL-Diesel

93%



HD

85%



RT

89%



SR

77%



## Key Breakdowns / Issues

**HD**

- SR24 awaiting engine commissioning; SR38 needs new shovel

**SR**

- Multiple site equipment issues affecting performance

*Week Summary: DT-Diesel 89%; FL-Diesel 93%; HD 85%; RT 89%; SR 77%; Overall 86.3%.*

# Nchwaning 2 Weekly Availability Trend

**INFORMATION NOT  
AVAILABLE AT TIME OF  
PUBLISHING**

# Nchwaning 2 Performance Overview

✓ Safety

|| Weekly Avg.

**92%**

(Target: 85%)

⚙ Compliance

DT 100%; FL 100%; HD 100%; RT 100%; Support Equip 100%.

## Equipment Availability

DT

**84%**

FL

**94%**

HD

**93%**

RT

**95%**

SR

**92%**



## Key Breakdowns / Issues

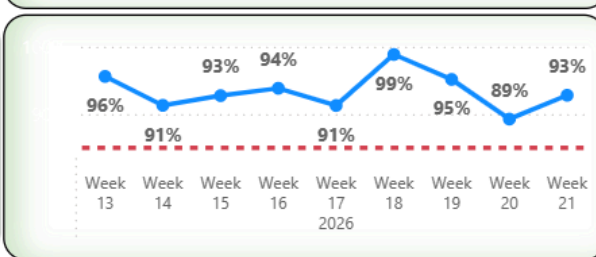
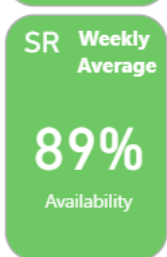
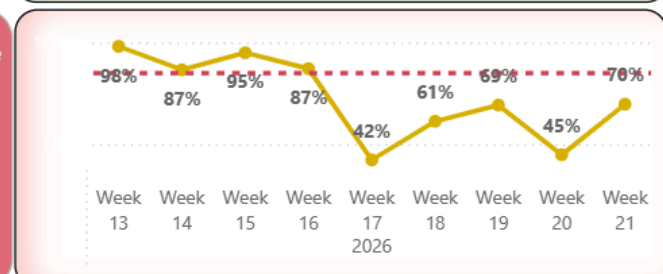
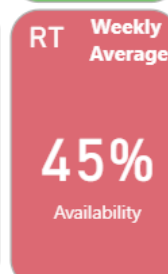
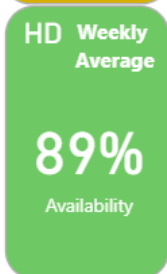
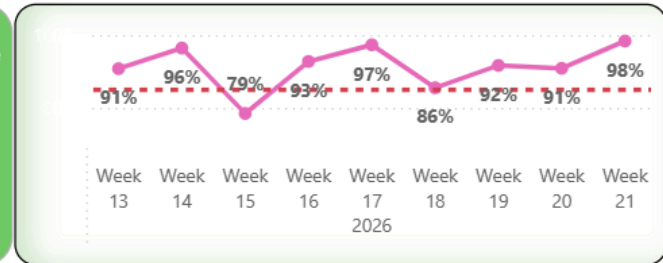
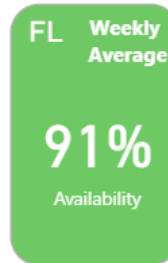
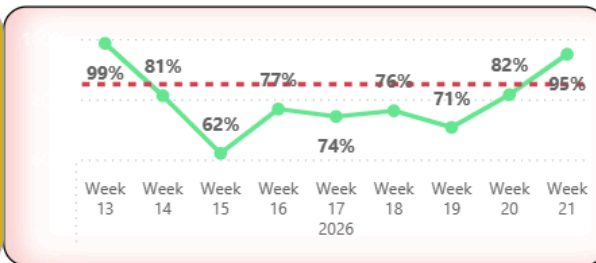
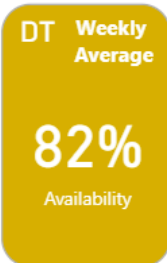
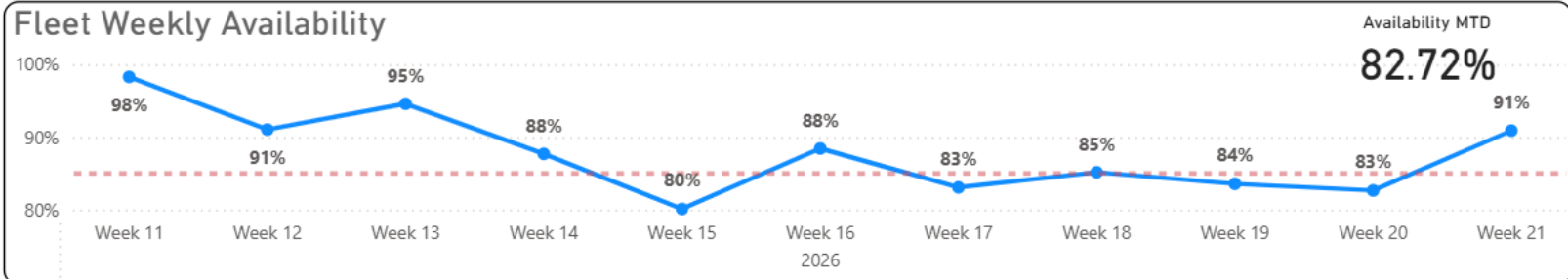
**DT**

- DT128 overspeeding; DT121 gears; DT159 transducer

*Week Summary: DT 84%; FL 94%; HD 93%; RT 95%; SR 92%; Overall 91.7%.*



# Gloria Weekly Availability Trend



# Gloria Performance Overview

✓ Safety

|| Weekly Avg.

**88%**

(Target: 85%)

⚙ Compliance

FL 100%; DT 100%; HD 50%; RT 100%; SR 100%; Support Equip 75%.

## Equipment Availability

DT

93%



FL

98%



HD

91%



RT

63%



SR

94%



## Key Breakdowns / Issues

RT

- RT0037 - Transmission (fixed)

*Week Summary: DT 93%; FL 98%; HD 91%; RT 63%; SR 94%; Overall 88%.*

# BEV Fleet

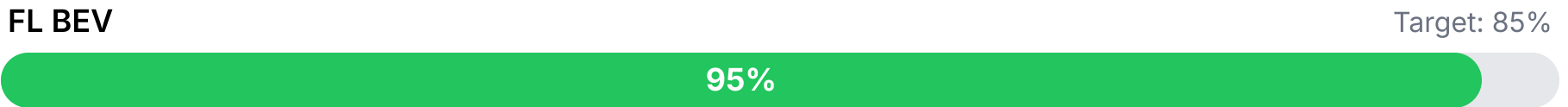
## 🚚 BEV Availability (Wk 21)

- DT BEV: 76% (Below Target)
- FL BEV: 95% (Above Target)

## ⚡ BEV Service Compliance

- DT BEV: 50%
- FL BEV: 100%

## BEV Availability by Equipment Type



## Key BEV & Battery Themes

### Key Breakdowns:

#### DT BEV

- Awaiting Epiroc Weekly Report for detailed breakdown analysis.

#### FL BEV

- Fleet performing well at 95% availability. Awaiting Epiroc Weekly Report for details.

### Key Battery Themes:

- Awaiting Epiroc Weekly Report for battery pack status and charger infrastructure updates.