



HAIL CREEK DRAGLINE 07 MAST REMOVAL

BOOM

PROJECT SCOPE:

Hail Creek requested a plan to remove the Mast from DL07 including: Replace Boom Point sheaves, Fairlead sheaves, Rear and Main IBS Ropes. BOOM worked with a cross section of people from Hail Creek and UGL.

The methodology developed was to engage 1 x 280t crawler and 1 x 350t crawler supported by 50t/130t/160t cranes with some smaller cranes assisting throughout the project. The crane pad required > 700 KAP compaction for the mast removal using 2 x crawler cranes as per engineered lift plans and 80mm steel plates were also required for the to walk on to. The steel plates were an additional safety initiative developed by BOOM to ensure the lift was completed incident free. Throughout this process the GMK5130 and AC200 (130t and 160t cranes) assisted with relocating all the ropes needed to remove both main sections for DL07.

The estimated weight for the mast was 116t but we planned for 150t to ensure additional headroom for safety and project assurance. The actual weight mast weight was 138t.



SNAP SHOT:

Project:

Hail Creek Dragline 07 Mast Removal

Client:

Glencore

State:

QLD

Region:

Hail Creek Central QLD

Market sector:

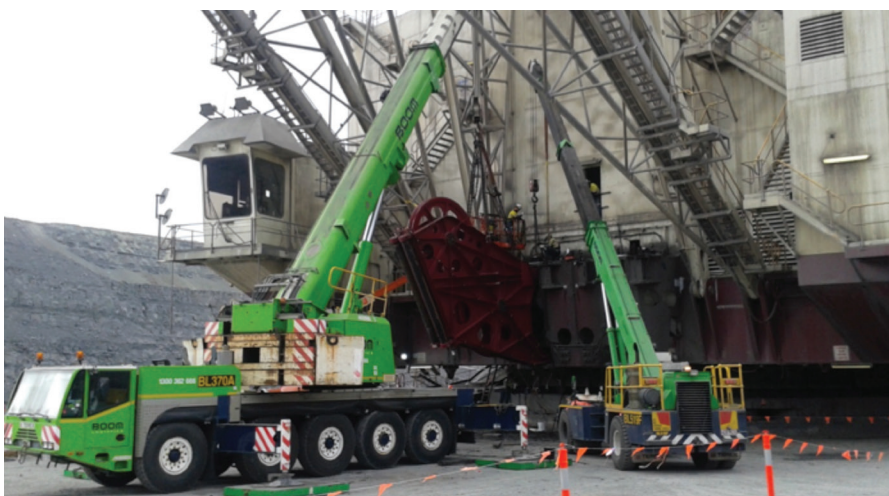
Resources – mine maintenance

CHALLENGES:

- Ground stability
- Unknown weights
- Mine site operations with focus on production

CLIENT BENEFITS:

- Intimate knowledge of dragline shutdown operations
- One operation / integration with Hail Creek and UGL
- Significant safety improvement by deploying steel mats for crawler ability to track onto
- Development of project and site specific management plans including lift plans & lift analysis
- BOOM Health and Safety advisor attended audit process during scheduled works

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