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Issue:	4
Date:	04 September 2010
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**Infrastructure Maintenance Planning Handbook –
Optimising Grinding Plans using visible plan**

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1 Purpose

This process is used to prepares the work plan for optimising grinding plans .

2 Scope

This module applies to Work Plan Coordinators and Section Planners. It specifies a method of viewing sequencing plans in visible plan to check work plans are optimised. Examples of sequence planning for best practice:

- Integration of existing grinding plans into Delivery Unit work plans
- Engineering train sequencing checks – including UTU trains
- Grinding - includes in-traffic and in-possession grinding trains

NOTE The use of visible plan is not mandatory, however its use is recommended for optimising work planning.

3 Preparation

3.1 Tools and equipment required:

- The visible plan containing the Delivery Unit weekly work plan (PPS and Ellipse)
- Existing grinding plans for each machine type - in spreadsheet format
- The UTU train inspection plan spreadsheet for the Delivery Unit

3.2 Work planning considerations:

- Check that there is no conflicting planned work in Ellipse for grinding train Worksites
- Check that both the in-traffic and in-possession grinding plans are loaded into Ellipse as work orders
- Optimise the Delivery Unit work plans so that all preceding and follow-up work, such as lifting lubricators and axle counters, are included in the visible plan work plan
- Plan so that grinding train runs fall within engineering train sequencing guidelines. Examples of sequencing guidelines are:

NOTE that there is enough time after grinding before UTU train runs are planned, to obtain good ultrasonic defect identification; and that tamping is planned prior to running grinding trains

4 Process

4.1

Grinding plans shall be provided to the Maintenance Delivery Units in spreadsheet format by NDS.

4.2

The Section Planner shall update Ellipse work orders to reflect changes made in visible plan.