Schedule C – Operating Plan Template

(Insert name of accredited operator responsible for operating train services - include logo and/or picture as required)

Operating Plan

for

(insert title of train services)

Document No:	**(insert identification number for document)**
Version:	**(insert version number)**
Date:	**(insert date of issue)**
Authorised by:	**(insert name of person responsible for authorising operating plan)**

Document Information

Current Version:	(Insert current version number)
First Released:	(Insert date first released)
Last Updated:	(Insert date last updated)
Review Before:	(Insert date when due for review)
Content Developer:	(Insert content developer name, if required)
Document Authoriser:	(Insert document authoriser and title)

Document Amendment History

Version Number	Date	Section(s) Amended	Summary of the Amendment

Contents

Follow the guidelines in this document to ensure the required information is included. Text in black is suggested headings/wording etc while text in blue provides guidance and should be deleted from final document. Don't forget to update header details.

Note that this document is the primary means of communicating the operational requirements to all involved workers and is of special importance in providing Network Control and train planners with a clear understanding of the train services. Include any information that facilitates this aim.

9 Introduction

Provide some general background information in this section regarding the proposed train services.

eg:

- generally describe route and product
- is it a new or modified service?
- is it part of a larger project?

The accredited rail operator who will be responsible for the operation of these train services is (insert name of accredited rolling stock operator).

10 Purpose

The draft operating plan must include sufficient detail to fully describe the train services and method of operation including scheduling, route, rolling stock and train configurations.

The draft operating plan may be modified during the negotiation process, however the Operator must finalise the operating plan before train operations commence. The final operating plan must be consistent with the Interface Risk Management Plan (IRMP).

If an Operator wishes to change the operating plan after operations have commenced, Queensland Rail and the Operator will review the interface risk assessment together and agree any necessary updates to the IRMP and/or operating plan.

The purpose of this operating plan is to communicate the operating requirements of the train services to all involved workers and in particular to provide guidance for Queensland Rail Network Controllers.

It describes the required operations on the network, identifies the procedures required and defines relevant responsibilities to enable the train service to be operated safely and reliably and not present any unacceptable risk.

Insert any other applicable information.

11 Scope

This operating plan is applicable to the operation of (insert train description) between (insert starting point) and (insert end point) in accordance with Access Agreement (insert title of access agreement).

The network map below indicates the route of the operation.

Insert map of corridors if required to clarify route.

An ATT or TRA must be issued prior to the commencement of this train service.

This procedure is to be read in conjunction with Train Route Acceptance (insert TRA number TRA-XXXX) and/or the relevant Authority to Travel (ATT), if required, which define the specific parts of the network to be used for this operation, the authorised rolling stock and train configurations plus any additional network requirements.

12 Definitions

Include definitions of any terms used in this document that require special explanation.

13 Associated documents

Include a list of all documents referred to by this plan or documents that are pre-requisites for carrying out this operation - eg Access Agreement, TRA, Technical Standards, Procedures etc.

14 Service requirements

Provide details of the proposed train services including:

14.1 Area of operation

- origin
- destination
- entry and exit points
- rolling stock repositioning

14.2 Business aspects

- tonnage profile
- passenger loading & unloading profile
- project service life
- seasonality of haulage / variability of service

14.3 Operation

- type of service
- commodity
- train configuration
- special operating parameters
- dangerous goods details
- overload management system
- timing of schedule servicing / provisioning / examining / stowing activities
- crewing plan - crew requirements, location of crew depots, crew change points

14.4 Train service levels / Scheduling

- daily, weekly, monthly, annually, as required
- maximum number of services
- dwell times at loading facilities
- dwell times at unloading facilities
- dwell times at crew changes
- dwell times enroute & operational requirements eg for fuelling
- rolling stock operational speed
- indicative timetable requirements (sectional run times)
- connecting services
- critical timings at specified locations
- authority from private infrastructure manager

14.5 Alterations to Service Schedule

Where XXXX or Queensland Rail wish to make alterations to the train service, each party will adhere to the requirements set out in the Network Management Principles contained in the Operator Requirements Manual.

15 Rolling Stock information

15.1 Rolling Stock Data

Insert the appropriate information for the rolling stock being operated – delete any unused rows, columns and tables or add extras as required.

Locomotives		
Class	(Insert the locomotive classes)	
Type	(Insert the locomotive types eg diesel electric, diesel hydraulic, diesel mechanical, electric, steam)	
Number (if applicable)	(Insert the locomotive running number)	
Length	(Insert the length over coupling	

	lines of each locomotive class)	
Mass	(Insert the mass of each locomotive class in full working order, including fuel and sand, in tonnes)	
Axle Load	(Insert the maximum loading on any locomotive axle)	
Rolling Stock Outline Clearance Category	(Insert the rolling outline that each locomotive class complies with and any out-of-gauge issues)	
Speed	(Insert the maximum approved speed of each locomotive class. If speed in reverse is different, show both forward and reverse)	
Drawgear	(List the drawgear type and strength)	
Train Driver Aids	(List the safeworking and driver alerting equipment fitted eg VCS, ATP, DTC etc)	
Diagram	(Rolling stock diagram number)	

Self Propelled Trains				
Type	(indicate the types of units with fixed rolling stock configuration eg EMU, TILT, RM etc)			
Unit Configuration	(Insert the configuration of vehicles that make up each fixed coupled unit)			
Running Numbers (if applicable)	(Insert the running numbers of the units or vehicles)			
Total Length	(Insert the length of each unit over coupling lines)			
Gross Mass	(Insert the mass of each unit in full working order with maximum number of passengers)			
Tare Mass	(Insert the mass of each empty unit)			
Maximum axle load	(Insert the maximum loading on any axle in the units)			
Rolling Stock Outline Clearance Category	(Insert the rolling outline that each unit complies with and any out-of-gauge issues)			
Speed	(Insert the maximum approved speed of each unit. If speed in reverse is different, show both forward and reverse)			
Drawgear	(List the drawgear type			

Self Propelled Trains				
	and strength)			
Train Driver Aids	(List the safeworking and driver alerting equipment fitted eg VCS, ATP, DTC etc)			
Diagram	(Rolling stock diagram number)			

Passenger Carriages				
Class	(Insert the carriage classes)			
Type	(Insert the carriage types eg sitter, sleeper, dining car etc)			
Length	(Insert the length over coupling lines of each carriage class)			
Gross Mass	(Insert the mass of each carriage in full working order with maximum number of passengers)			
Tare Mass	(Insert the mass of each empty carriage class)			
Axle Load	(Insert the maximum loading on any axle in each carriage class)			
Rolling Stock Outline Clearance Category	(Insert the rolling outline that each carriage class complies with and any out-of-gauge issues)			
Speed	(Insert the maximum approved speed of each carriage class)			
Drawgear	(List the drawgear type and strength)			
Notes	(List any special conditions relating to the operation of each carriage class)			
Diagram	(Rolling stock diagram number)			

Freight Wagons				
Class	(Insert the wagon classes)			
Type	(Insert the wagon types and payload eg open, box, hopper, coal etc)			
Length	(Insert the length over			

Freight Wagons				
	coupling lines of each wagon class)			
Gross Mass	(Insert the mass of each wagon class fully loaded)			
Tare Mass	(Insert the mass of each empty wagon class)			
Axle Load	(Insert the maximum loading on any axle in each wagon)			
Rolling Stock Outline Clearance Category	(Insert the rolling outline that each wagon complies with and any out-of-gauge issues)			
Speed	(Insert the maximum approved speed of each wagon class)			
Drawgear	(List the drawgear type and strength)			
Diagram	(Rolling stock diagram number)			

15.2 Train Information

Insert the appropriate information for the train being operated – delete any unused rows. Include provision for movement of rolling stock for recovery, maintenance, operational or other contingency purposes eg vehicle locomotives, train positioning moves.

Train Information		
Description	Payload	(Insert the payload eg coal train, general freight etc)
	Type	(Insert the types of trains eg unit train, container train, general freight etc)
	Operation	(Insert the method of operation eg distributed power, push/pull, headend power etc)
Locomotives	Classes	(Insert the classes of locomotives in the train)
	Number	(Insert the maximum number of locomotives in the train)
	Location	(Insert the locomotive location in the train or any limitations)
Wagons/Carriages	Classes	(Insert the classes of wagons/carriages in the train)
	Number	(Insert the maximum number of wagons/carriages in the train)
	Order	(Insert the wagon/carriage order in the train or any limitations)
Train Mass	Loaded	(Insert the loaded train gross tonnage excluding locos
	Empty	(Insert the empty train gross tonnage excluding locos
Train Length	Comparison Length	(Insert the comparison train length for the longest train - including locomotives)
Train Speed	Loaded	(Insert the maximum approved speed of each loaded train)

	Empty	(Insert the maximum approved speed of each empty train)
Load Tables		(Insert relevant load table identification)
Special Conditions	1	(Insert any special conditions related to the operation of the train eg out-of-gauge, overloads etc)
	2	(Insert any special conditions related to the operation of the train eg out-of-gauge, overloads etc)
	3	(Insert any special conditions related to the operation of the train eg out-of-gauge, overloads etc)

15.3 Rolling Stock Compliance Status

Provide information regarding the current status of certification of the rolling stock and train configurations to the interface standards. Include reference to certificate numbers where appropriate.

If the rolling stock or train configurations are not yet fully certified, this section should detail:

- any identified non-compliances to interface standards
- any interface standards to which compliance is not yet fully proven eg brake system static testing successfully carried out, full performance compliance to be proven by on-track testing
- any systems not yet functioning eg vigilance system not commissioned

The above items should be backed up by an interim compliance certificate.

16 Safety systems

Include in this section details of train safety systems in place eg ATP, vigilance, SPD etc

17 Communication systems

Include in this section details of communication systems available for use eg train radio, mobile phone, satellite phone etc.

18 Interface arrangements

Include details of interface arrangements for entering/exiting private sidings and other networks including permission from the other track manager.

Include handover details where rolling stock is handed over to/from another rolling stock operator.

19 Contingency and recovery

Include in this section any arrangements in the event of failure of the rolling stock, special recovery arrangements regarding coupling etc and any other contingency plans identified as part of the risk assessment. Also include train information and certification for altered train configurations required for recovery eg additional locomotives.

20 Emergency management plans

Include in this section any arrangements for the management of emergencies including rolling stock, dangerous goods and other incidents.

21 Safety and environment risk assessment

(Enter name of operator) has carried out a safety and environment risk assessment of the proposed train services and has reviewed the Interface Risk Management Plan in the Access Agreement.

Include in this section any additional safety and environmental controls identified to minimise any risks associated with the proposed operation.

22 Responsibilities and contact details

Enter details of responsible people and their contact information - phone numbers, emails etc.

Responsibility	Organisation	Contact Person	Title	Contact Details

23 General comments

Include any other general information required for the operation of these train services.

24 Appendices

Add copies of associated documents, test records, risk assessments etc as necessary