

PR18 glossary

Overview

This document provides definitions and/or explanations for terms used in our PR18 [final determination](#) documentation. [Annex 1](#) sets out the names of train operators referred to in our documents.

Term	Definition
ABP	Activity based planning
Achievability RAG ratings	Red/amber/green ratings used on Network Rail's scorecards to reflect its views on the achievability of targets
AIP	Asset improvement plan
AIS	Asset Information Services
ALARP	As low as reasonably practicable
AMEM	Asset management excellence model
ATP	Automatic train protection system
Building blocks approach	A term used to describe, in general terms, the approach used by economic regulators to determine revenue requirements for regulated network businesses
Capex	Capital expenditure
Central function	A Network Rail business unit other than the routes and the System Operator
Consistent route measure (CRM)	A measure which is to be consistently defined and calculated across each route to enable route comparison. A list of these, with definitions, is provided at the end of this glossary
Constant prices	Financial values all expressed in the price base of a specified year, even if those values are attributable to a range of years

Term	Definition
COO	Chief operating officer
CP4	Control period 4 (1 April 2009 – 31 March 2014)
CP5	Control period 5 (1 April 2014 – 31 March 2019)
CP6	Control period 6 (which will run from 1 April 2019 to 31 March 2024)
CP6 baseline trajectory	These are trajectories for consistent route measures required by ORR in the PR18 final determination, reflecting our expectations regarding Network Rail's performance in these areas in CP6 in the context of the funding available. They provide a baseline against which we will measure Network Rail's delivery. For further information, see chapter 1 of our final determination supplementary document on scorecards & requirements.
CP7	Control period 7 (which, if the control period were to be for five years, would run from 1 April 2024 to 31 March 2029)
CPI	Consumer prices index
CPIH	The Consumer Prices Index including owner occupiers' housing costs
CRAM	Corporate risk appetite matrix
CRI	Composite reliability index – a measure of the short-term condition and performance of Network Rail assets including track, signalling, points, electrification, telecoms, buildings, structures and earthworks
CRM-P	Consistent route measure – passenger performance. CRM-P measures primary and reactionary delay minutes to passenger services caused by each Network Rail route, normalised per 100 train kilometres. It focuses on the delay that a route causes, rather than delay caused by train operators
CSAC	Crossrail supplemental access charge
CSI	Composite sustainability index

Term	Definition
Departmental expenditure limit	An explanation of departmental expenditure limits and related terms is available here
DfT	Department for Transport
DPI	Delay per incident
DST	Decision support tool
E&P	Electrification and plant
EAUC	Electrification asset usage charge
EC4T	Electric current for traction
ECML	East Coast Main Line
ECRO	Electrical control room operators
EJT	Extended journey time metric
Enhancement	Construction or works that improve the capacity, capability or amenity of the rail network, including for the connection of new key infrastructure to the existing rail network. Enhancements are classed as capital expenditure
ERTMS	European rail traffic management system
ETCS	European train control system
Facility charge	A charge set to recover the costs of an enhancement and paid by the promoter of a scheme
FDM	Freight delivery metric - measures the percentage of freight trains arriving at their destination within 15 minutes of their scheduled time, covering delays for which Network Rail is responsible

Term	Definition
FDM-R	FDM-R is a proportional measure of the contribution of each route to national FDM failures, weighted by the proportion of freight services that have run on that route. It is the consistent route measure for routes' freight performance
FNPO	Freight and National Passenger Operator route
FOC	Freight operating company
FOL	Freight only line
FPM	Financial performance measure
FRI	Full repairing insurance lease
FTAC	Fixed track access charge
Gearing	A ratio showing the level of debt financing in a business often expressed as a percentage of total financing (from debt and equity)
Geographic routes	Network Rail business units responsible for maintaining, operating, renewing and enhancing their respective areas of the network
GPF	Group portfolio fund
GPF	Group portfolio fund – a fund, referred to by Network Rail in its SBPs for CP6, to allow financial risk to be efficiently managed during CP6. Network Rail proposed that each route should have control of some risk funding, and contribute an additional amount to a centrally-held group portfolio fund. The term GPF is now only used for centrally-held GPF
Group Digital Railway	A central function in Network Rail responsible for information and telecommunication services
GSM-R	Global system for mobile communications - railway
Headwind	Factors identified by Network Rail as being outside the control of the business, tending to increase costs

Term	Definition
HLOSs	High level output specifications – the documents published by the Secretary of State and Scottish Ministers setting out what they want railway activities to achieve during the proposed control period. The Scottish Ministers’ HLOS relates solely to Scotland, whereas the Secretary of State’s HLOS relates to England & Wales (but to Great Britain as a whole in respect of any safety requirements)
HMT	Her Majesty’s Treasury
HS1	High Speed 1
HS2	High Speed 2
ICC	Infrastructure cost charge
IEP	Intercity express programme
IP	Infrastructure Projects – a business unit in Network Rail responsible for delivering enhancements and major renewals for the routes
KPI	Key performance indicator
LEAN	An approach for embedding continuous improvement in an organisation
LICB	Lasting infrastructure costs benchmarking
Logging-up	An approach used in CP5, under which adjustments to be considered in respect of Network Rail’s revenue requirements or RAB were deferred until our PR18 review. The opex memorandum account (see separate entry) has been the primary mechanism for logging-up non RAB issues
LNE&EM	The London North Eastern & East Midlands devolved route
LNW	The London North Western devolved route
LTC	Long term charge (for stations)

Term	Definition
LTIFR	Lost time injury frequency rate – LTIFR ¹ is the number of lost time injuries occurring in a workplace per 100,000 hours worked
MAA	Moving annual average
MDU	Maintenance delivery unit
MOM	Mobile operations manager
NPA	Not primarily abstractive
NRPS	National rail passenger survey
OAD	Open access operator – train operators of scheduled passenger services that are not franchised operators
OLE	Overhead line equipment
OLS	Ordinary least squares
OMR	Operations, maintenance and renewals
Opex	Operating expenditure
Opex Memorandum Account	An account maintained by Network Rail during CP5 for adjustments that were expected to be logged up and applied by us in the determination of the revenue requirement for CP6. Under the revised funding arrangements for CP6, such adjustments have been reflected in the governments' SoFAs and will therefore not be further taken into account in our revenue requirement calculations
ORBIS	Offering rail better information services
ORR	Office of Rail and Road
OSTI	Other single till income

¹ Updated from the previous version of the PR18 glossary which defined LTIFR per one million ours worked. The Network Rail measure is the number of lost time injuries per 100,000 hours worked, although many other industries calculate it per one million hours worked.

Term	Definition
PDI-F	Possession disruption index - freight
PDI-P	Possession disruption index - passenger
PIP	Performance improvement plan
Possessions	Network Rail needs to restrict access to its network to carry out many of its maintenance and renewals activities (e.g. by closing a section of track). These restrictions of access are referred to as possessions
PPM	Public performance measure – the proportion of trains that arrive at their final destination ‘on time’. A train is defined as ‘on time’ if it arrives within: five minutes of the planned destination arrival time for London & South East and regional services; or within ten minutes for long distance services. PPM measures punctuality rather than delay
PR08	The 2008 periodic review of Network Rail (relating to CP4)
PR13	The 2013 periodic review of Network Rail (relating to CP5)
PR18	The 2018 periodic review of Network Rail (relating to CP6)
PR23	The 2023 periodic review of Network Rail (relating to CP7)
QX	Qualifying expenditure (relating to stations)
R&D	Research & development
RAB	Regulatory Asset Base - a regulatory value representing expenditure on Network Rail’s assets. In CP6, each geographical route and the SO will have an individual RAB balance
RAGs	Regulatory accounting guidelines
RCM	Remote condition monitoring
RDG	Rail Delivery Group
REBS	Route-level efficiency benefit sharing mechanism

Term	Definition
Regulatory minimum floor	A regulatory minimum floor (in respect of a certain measure) provides an indication of the point below which we are highly likely to investigate whether or not Network Rail has breached its licence obligations
Renewal	The replacement of an asset that has deteriorated to the extent that it can no longer be economically maintained, but where the replacement does not result in an enhancement. Renewals are classified as capex and expenditure is added to the RAB
Revenue requirement	The revenue that we determine Network Rail needs to run its business and deliver its commitments
RMD	Route managing director
RM3	Risk management maturity model
Routes	The eight geographical sub-divisions of the Network Rail business (themselves sometimes known as the 'geographic routes') along with the FNPO route.
Route comparison scorecard	A single scorecard containing all the consistent route measures for all geographic routes
Route scorecard	The 'main' scorecard for a route
RPI	Retail Price Index – a measure of the price of a sample of retail goods and services
RSP	Route strategic plan
RSSB	Railway Safety and Standards Board
RTA or right-time arrivals	The proportion of trains arriving early or within 59 seconds of scheduled arrival time
S&C	Switches & crossings (switches are a set of points)

Term	Definition
SBPs	Strategic business plans
Schedule 4	The schedule included in track access contracts between Network Rail and train operators that sets out the arrangements for compensation paid to operators when Network Rail takes temporary possession of the network (e.g. for engineering purposes)
Schedule 8	The schedule included in track access contracts between Network Rail and train operators that sets out the arrangements for compensating train operators for unplanned service disruption caused by Network Rail and other train operators
Scorecard	A performance measurement tool that sets out what Network Rail is seeking to deliver for its customers and funders, and how it is performing against that
(Scorecard) target	A target proposed by Network Rail for any single year. Each target has a “worse than target” and “better than target” range
(Scorecard) trajectory	The forecast level of performance against a measure for future years
Settlement	The term used to refer to the set of outputs and specific funding provided to each of the nine routes and the SO. They form a key part of the determination we set for Network Rail
SEU	Signalling equivalent unit
Single till	<p>A regulatory approach where all of the costs and revenues of a regulated business are considered together, under a single regulatory economic settlement.</p> <p>We use this term in relation to Network Rail because we consider its income from network grants, charges, and commercial income (for example from property) together with expenditure when determining its revenue requirements</p>
SFA	Stochastic frontier analysis
SFC	Strategic freight corridor

Term	Definition
SFN	Strategic freight network
SMS	Safety management system
SO	System Operator – a business unit within Network Rail responsible for managing long term planning, changes to what the network delivers, the access rights framework, and timetable production
SoAR	Sale of access rights – Network Rail panel which provides network-wide governance of the process to negotiate and agree the sale of access to train operators
SoFA	Statement of funds available – the document provided by each of the Secretary of State and Scottish Ministers setting out their view on the funds that are available, or are likely to be made available to support the achievement of their HLOS
STE	Safety, Technical & Engineering – a central business unit within Network Rail that, among others things, sets technical policies and standards for the routes, the SO and the wider rail industry. It is also known as the Technical Authority
Tailwind	A term used to describe the factors outside the control of the business which could lead to a decrease in Network Rail’s costs
TDA	TRUST delay attribution, a Network Rail system that monitors train running and allocates delays
The Act	The Railways Act 1993 (as amended)
TMS	Traffic management system
TOC	Train operating company
ToR	Terms of reference
TPR	Timetable planning rules
TPS	Train planning system

Term	Definition
TRIP	Timetable rules improvement programme
VI	Volume incentive – a financial incentive to encourage Network Rail to be more responsive to additional demand from train operators to use the network
VTISM	Vehicle track interaction strategic model
VUC	Variable usage charge
WACC	Weighted average cost of capital. This is discussed further in our final determination supplementary document on the financial framework
WCML	West Coast Main Line
WLCC	Whole life cost cycle model

Annex 1: Names of train operators

Overview

This annex lists the names of train operators and the corresponding abbreviation or brand name where train operators are referred to in our final determination documents.

Abbreviated name or brand name	Full name
Arriva Rail London (London Overground)	Arriva Rail London
Arriva Trains Wales (ATW) (ceased operations in October 2018 following end of franchise)	Arriva Trains Wales/ Trenau Arriva Cymru Ltd
c2c	Trenitalia c2c Ltd
Caledonian Sleeper	Serco Caledonian Sleepers Ltd
Chiltern	The Chiltern Railway Company Limited
Colas Rail	Colas Rail
CrossCountry	XC Trains Limited (CrossCountry)
DB Cargo	DB Cargo (UK) Limited
Devon and Cornwall Railways	Devon and Cornwall Railways Limited
Direct Rail Services (DRS)	Direct Rail Services Limited
East Midlands Trains (EMT)	East Midlands Trains Ltd
First Rail	First Rail Holdings Limited
Freightliner This refers generally to Freightliner Group's two companies which operate trains in Great Britain, unless the context specific references are made to its intermodal or heavy haul subsidiary companies.	Freightliner Group Limited, or as the case may be, Freightliner Limited or Freightliner Heavy Haul Limited
GB Railfreight (GBRf)	GB Railfreight Limited
Govia Thameslink Railway (GTR)	Govia Thameslink Railway
Grand Central	Grand Central Railway Company Limited
Grand Union	Grand Union Trains Limited

Abbreviated name or brand name	Full name
Great Western Railway (GWR)	First Greater Western Limited
Great North Western Railway (GNWR)	Great North Western Railway Company Limited
Greater Anglia	Abellio East Anglia Limited
Harsco Rail	Harsco Rail Infrastructure Ltd
Heathrow Express	Heathrow Express Operating Company Limited
Hull Trains	Hull Trains Company Limited
London North Eastern Railway (LNER)	London North Eastern Railway Limited
Locomotive Services	Locomotive Services (TOC) Limited
Loram UK	Loram UK Limited
Merseyrail	Merseyrail Electrics 2002 Ltd
MTR Crossrail/TfL Rail	MTR Corporation (Crossrail) Ltd
North Yorkshire Moors Railway (NYMR)	North Yorkshire Moors Railway Enterprises Plc
Northern	Arriva Rail North Ltd
Rail Express Systems (RES)	Rail Express Systems Limited
Rail Operations Group	Rail Operations Group
ScotRail	Abellio ScotRail Limited
South Western Railway (SWR)	First MTR South Western Trains Limited
Southeastern	London & South Eastern Railway Limited
Transpennine Express (TPE)	First TransPennine Express Limited
Transport for Wales Rail (TFW)	Keolis Amey Operations/ Gweithrediadau Keolis Amey Limited
Victa Railfreight	Victa Railfreight Limited
Virgin Trains East Coast (VTEC) (ceased operations in June 2018 following termination of franchise)	East Coast Main Line Company Ltd
Virgin West Coast	West Coast Trains Ltd

Abbreviated name or brand name	Full name
West Coast Railway Company (WCRC)	West Coast Railway Company Limited
<p>West Midlands Trains (WMT)</p> <p>WMT operates services under two brands:</p> <ul style="list-style-type: none"> <li>• West Midlands Railway services (WMR services) <li>• London Northwestern Railway services (LNWR services) 	West Midlands Trains Ltd



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