INFRASTRUCTURE

RESOURCES GUIDE

Network SouthEast

INTRODUCTION

This is the Second Edition of the Network South East Infrastructure Resources Guide, first issued in April 1992. It has been updated and expanded to incorporate not only Civil Engineering wagons and locomotives, but also those used by the Signal and Telecommunications and Network Electrification Engineer's Departments.

This Edition also reflects the changes that have taken place in the last year, to the size and composition of the Infrastructure Fleet. New locomotive and wagon types have been introduced, enabling older types, which appeared in the First Edition, to be transferred to other Businesses or scrapped.

Further changes are inevitable as the Network SouthEast Infrastructure Organisation continues to look at ways of further improving the composition and size of the fleet, through cascading of resources from the other Businesses, modification and conversion, or changes in methods of work.

With the changes taking place within the Industry over the next couple of years, this may be the 'last' edition of the Network SouthEast Infrastructure Resources Guide. (A collectors item in years to come). Amendments will be issued on a monthly basis. Those wishing to recieve these amendments should fax their name and address to this office.

Should anyone become aware of any changes, or have any comment or question to make about this guide please write to:-

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COMPILED AND EDITED BY KEVIN CRANE JUNE 1993

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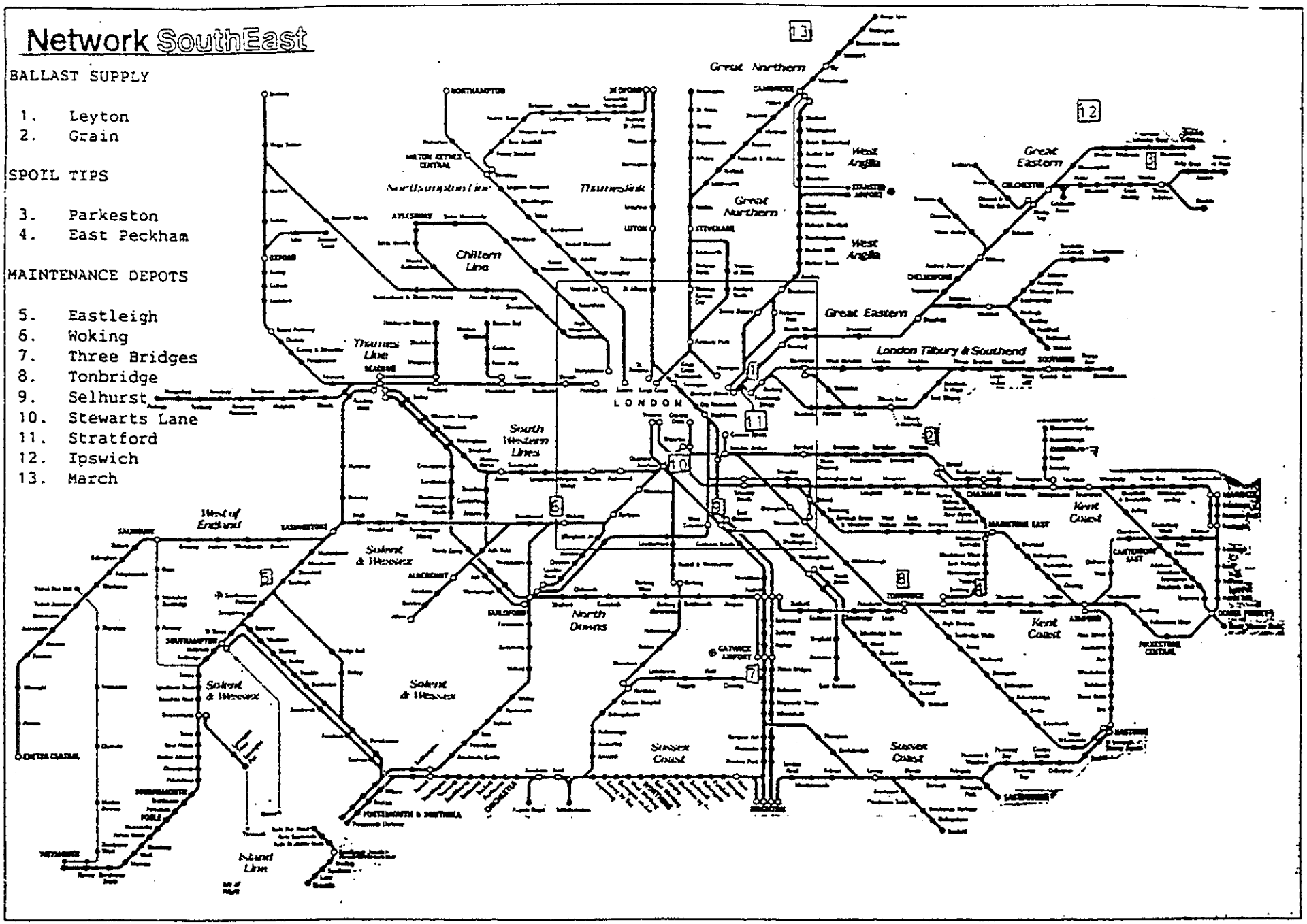


CONVERSION TABLES

TO CONVERT	MULTIPLY BY	TO CONVERT	MULTIPLY BY
Inches to Centimetres	2.540	Cu Inch to Cu Centimetre	16.3870
Centimetres to Inches	0.39370	Cu Centimetre to Cu Inch	0.06102
Feet to Metres	0.3048	Cu Feet to Cu Metres	0.02831
Metres to Feet	3.2808	Cu Metres to Cu Feet	35.3147
Yards to Metres	0.9144	Cu Yards to Cu Metres	0.7646
Metres to Yards	1.09361	Cu Metres to Cu Yards	1.3079
Miles to Kilometres	1.60934	Cu Inch to Litres	0.1638
Kilometres to Miles	0.62137	Litres to Cu Inches	61.027
Sq Inch to Sq Centimetre	6.4516	Gallons to Litres	4.545
Sq Centimetre to Sq Inch	0.15499	Litres to Gallons	0.22
Sq Metres to Sq Feet	10.7638	Pounds to Grams	453.592
Sq Feet to Sq Metres	0.09290	Grams to Pounds	0.00220
Sq Yards to Sq Metres	0.83612	Pounds to Kilograms	0.4536
Sq Metres to Sq Yards	1.19599	Kilograms to Pounds	2.2046
Sq Mile to Sq Kilometre	2.5899	Tons to Kilograms	1016.05
Sq Kilometre to Sq Mile	0.38610	Kilograms to Tons	0.00098

LENGTH

1 Centimetre	= 0.3937 Inch
1 Metre	= 1.0939 Yards
1 Kilometre	= 0.6214 Mile
1 Inch	= 2.54 Centimetres
1 Foot	= 30.48 Centimetres
1 Yard	= 0.9144 Metre
1 Mile	= 1.6093 Kilometres

WEIGHT

1 Tonne	= 1000 Kilograms
1 Ton	= 2240 Pounds

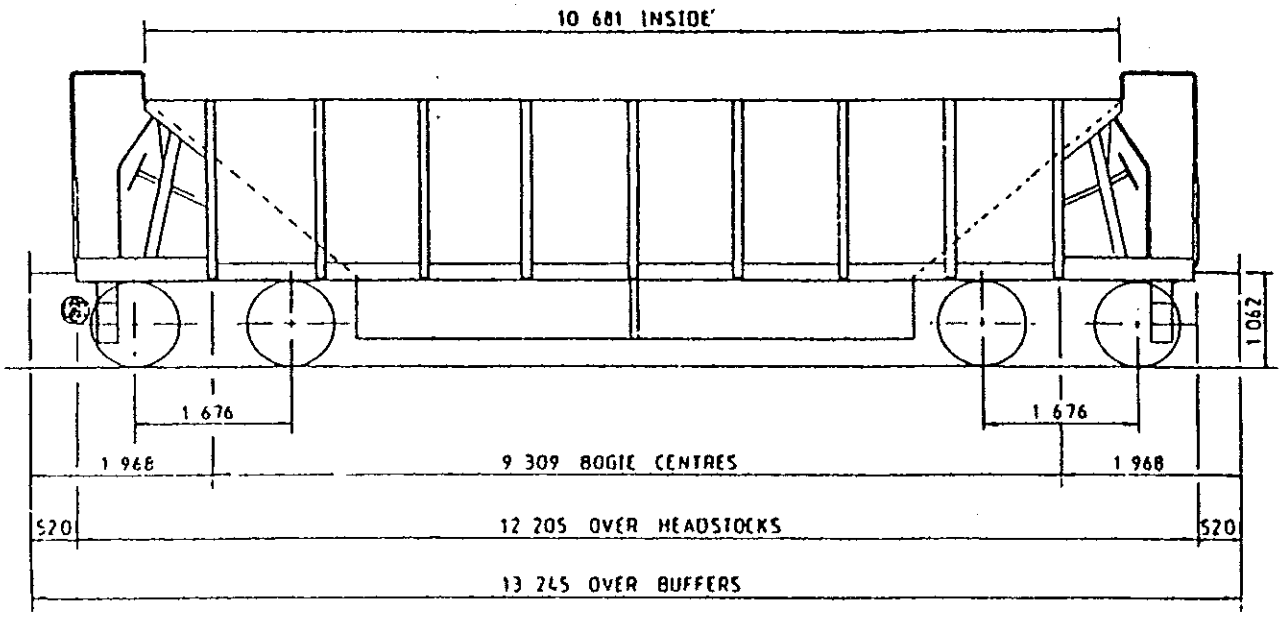
AREA

1 Sq Metre	= 1.1960 Sq Yards
1 Sq Kilometre	= 0.3861 Sq Mile
1 Sq Foot	= 0.0929 Sq Metre
1 Sq Yard	= 0.8361 Sq Metre
1 Acre	= 4046.9 Sq Metres

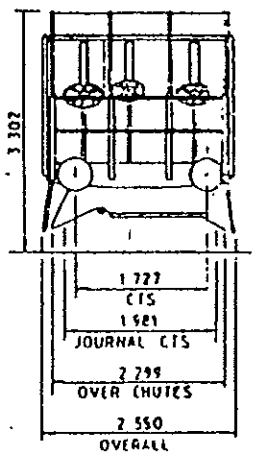
CAPACITY

1 Cu Metre	= 1.3080 Cu Yards
1 Cu Yard	= 0.7646 Cu Metre
1 Gallon	= 4.5461 Litres
1 Pint	= 0.5683 Litre

WHALE (YHA)



			E	L
WAGON TYPE	Hopper (Side and Centre Chutes)			
WAGON LENGTH	44ft (13.41m)	WEIGHT (Tonnes)	25	76
CAPACITY	51t (36m^3)	MAX SPEED (MPH)	35	35
BRAKE TYPE	Air	TRAIN CLASS	8	8
No. IN FLEET	40	R.A.	1	6
POOL No.	5357	BRAKE FORCE	A14	A14
No. RANGE	DB 982350-438	BUILT (from)	1966	



FEATURES

1/ Largest and slowest Infrastructure hopper wagon on Network SouthEast

2/ Controllable side and centre chutes for varied ballast discharge

3/ Should not be moved large distances under load (i.e. off Network SouthEast)

4/ Usually works with a Shark Brake (air piped)

5/ If Shark used, there must be at least three hoppers either side for breakforce.

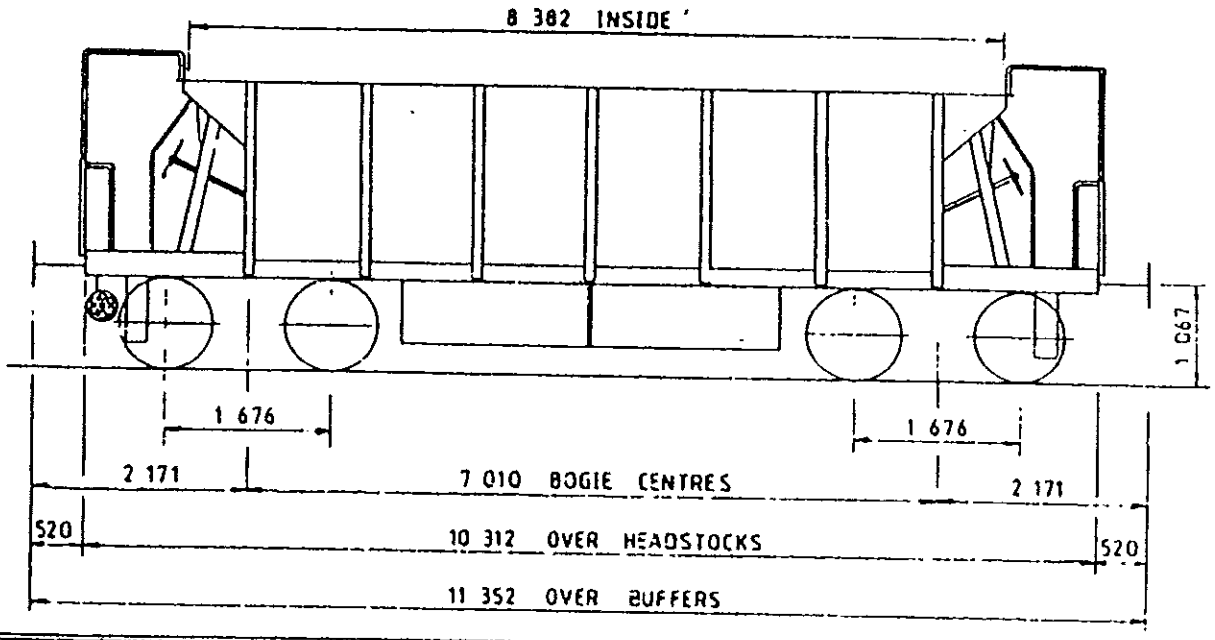
6/ Used on both Renewal and maintenance work

7/ Loaded mainly at Leyton

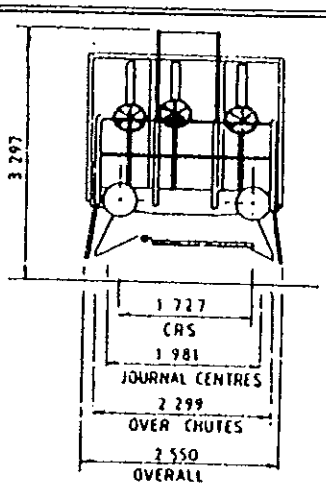
8/ Used mainly on the Great Eastern, W.A.&G.N and L.T & S Divisions

9/ Maintained at March

SEALION (YGH)



			E	L
WAGON TYPE	Hopper (Side and Centre Chutes)			
WAGON LENGTH	38ft (11.58m)	WEIGHT (Tonnes)	22.6	62.7
CAPACITY	40t (26.6m^3)	MAX SPEED (MPH)	60	60
BRAKE TYPE	Air & Vacuum	TRAIN CLASS	6	6
No. IN FLEET	32	R.A.	1	4
POOL No.	5111	BRAKE FORCE	11	32
No. RANGE	DB 982449-707	BUILT (from)	1971	



FEATURES

1/ Only dual braked Infrastructure hopper wagon on Network SouthEast

2/ Controllable side and centre chutes for varied ballast discharge

3/ Fleet is gradually being converted to Seacows (see next page)

4/ Usually works with a Shark Brake (air piped or vacuum braked)

5/ Smaller capacity than a Whale, but faster and more versatile

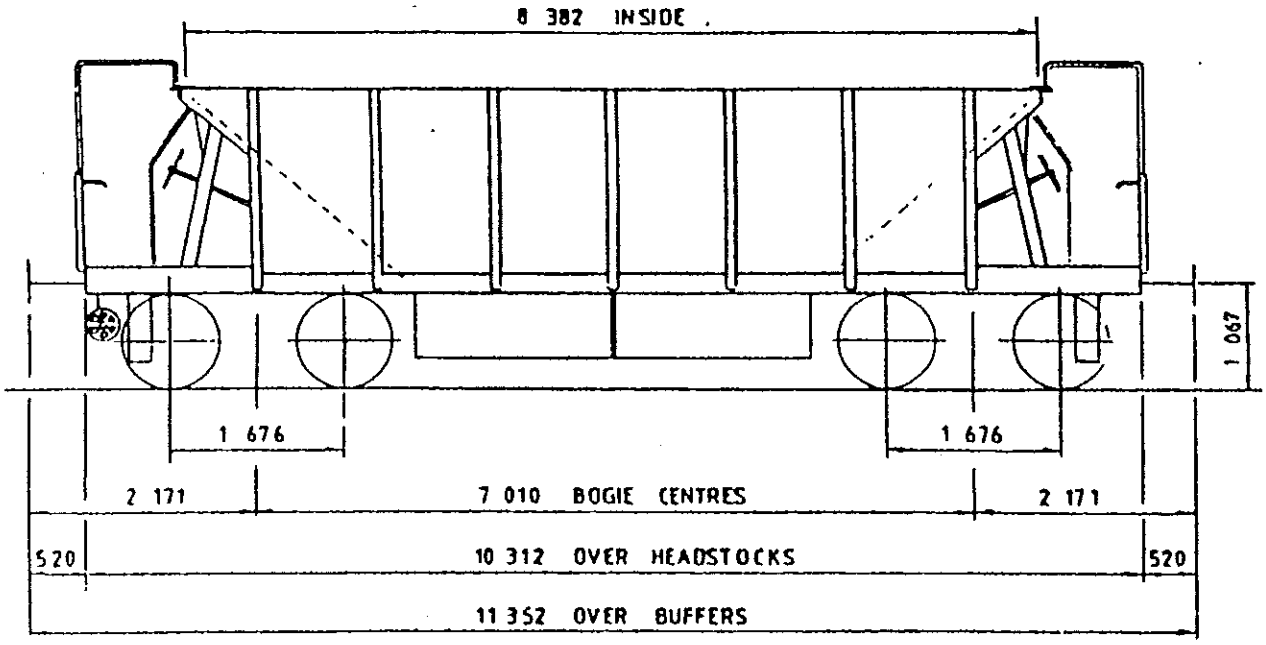
6/ Used on both Renewal and Maintenance work

7/ Loaded mainly at Grain and Leyton

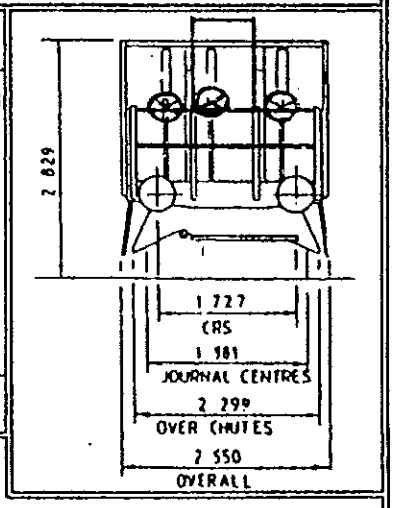
8/ Used throughout Network SouthEast

9/ Maintained at Eastleigh

SEACOW (YGB)



				E	L
WAGON TYPE	Hopper (Side and Centre Chutes)				
WAGON LENGTH	38ft (11.58m)		WEIGHT (Tonnes)	21.3	62.3
CAPACITY	41t (26.6m^3)		MAX SPEED (MPH)	60	60
BRAKE TYPE	Air		TRAIN CLASS	6	6
No. IN FLEET	148	30	10	R.A.	1	4
POOL No.	5113	5101	5351	BRAKE FORCE	A11	A31
No. RANGE	DB 980000-982835			BUILT (from)	1971	



FEATURES

1/ Accounts for over 60% of the total Network SouthEast Infrastructure hopper fleet

2/ Controllable side & centre chutes for varied ballast discharge

3/ Same as Sealion, except no vacuum brake (only pipe)

4/ Usually works with a Shark Brake (air piped)

5/ Pools 5101 and 5351 contain 'Lighted' hopper wagons and generator (Stingray)

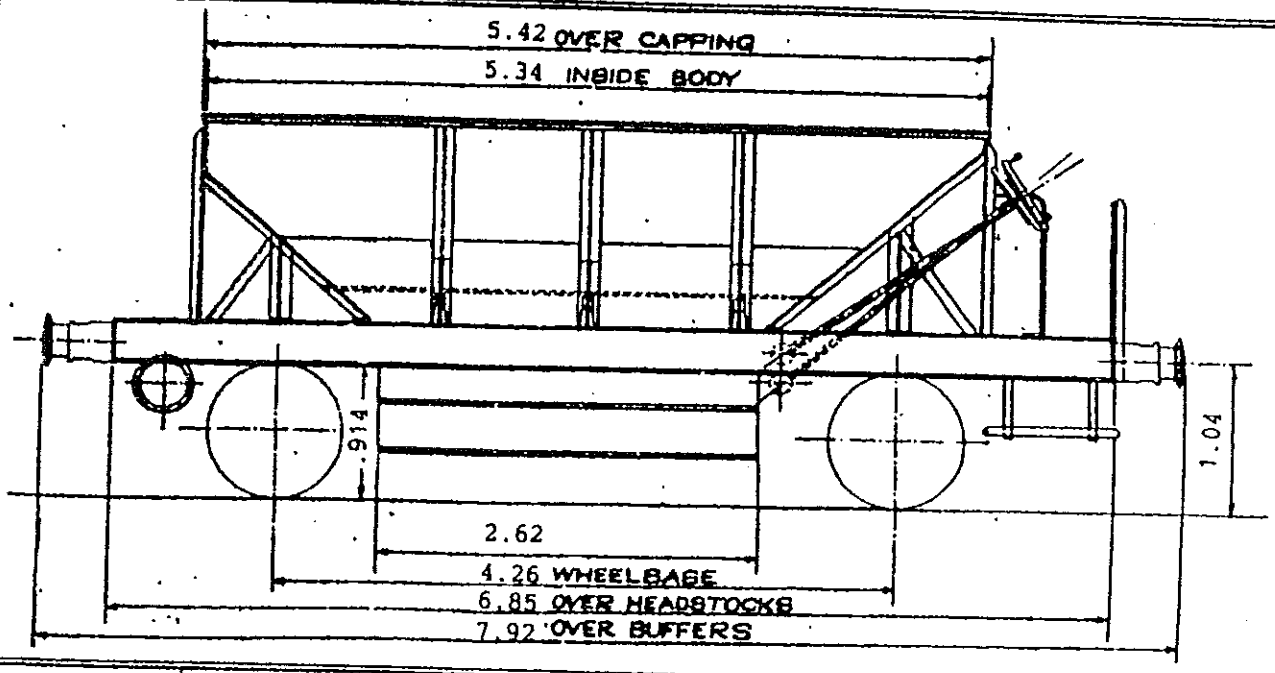
6/ Used on both Renewal and maintenance work

7/ Loaded mainly at Grain and Leyton

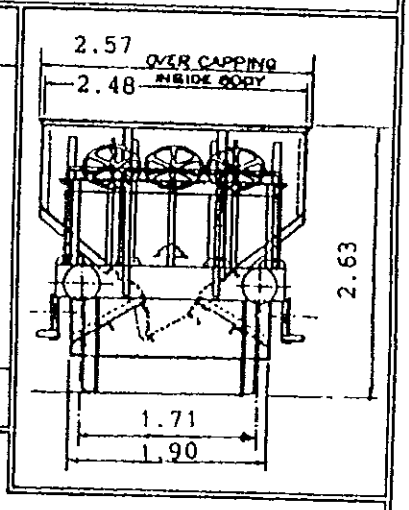
8/ Used throughout Network SouthEast

9/ Maintained at Eastleigh (5113/5101) and Ipswich (5351)

DOGFISH (ZFV)



			E	L
WAGON TYPE	Hopper (Side and Centre Chutes)			
WAGON LENGTH	26ft (11.58m)	WEIGHT (Tonnes)	11.5	36
CAPACITY	24.5t (14.7m^3)	MAX SPEED (MPH)	50	50
BRAKE TYPE	Vacuum	TRAIN CLASS	6	6
No. IN FLEET	56	R.A.	1	5
POOL No.	5353	BRAKE FORCE	V05	V05
No. RANGE	DB 983103-993630	BUILT (from)	1956	



FEATURES

1/ Smaller version of a Sealion or Seacow

2/ Vacuum braked only

3/ Not suitable for unloading on curves or S & C

4/ Cannot control flow of ballast from side or centre chutes

5/ A vacuum braked Shark can be marshalled anywhere on the train

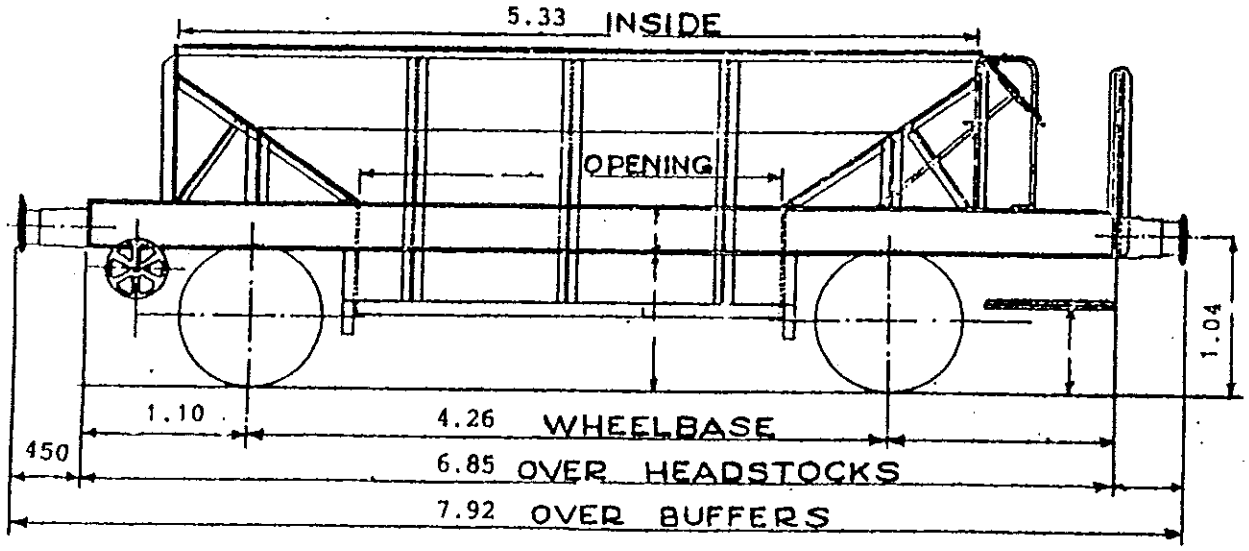
6/ Used on both Renewal and maintenance work

7/ Loaded mainly at Leyton

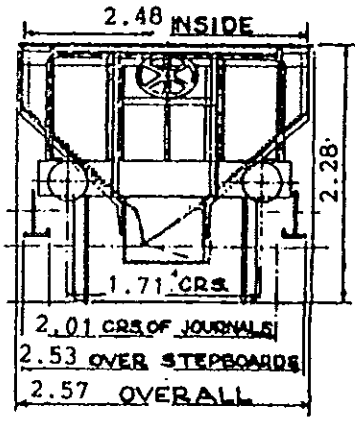
8/ Used mainly on the Great Eastern, W.A & G.N. and L T & S Divisions

9/ Maintained at Ipswich

CATFISH (ZEV)



			E	L
WAGON TYPE	Hopper (Centre Chute only)			
WAGON LENGTH	26ft (7.92m)	WEIGHT (Tonnes)	9.8	29.3
CAPACITY	20.5t (11.9m^3)	MAX SPEED (MPH)	50	50
BRAKE TYPE	Vacuum	TRAIN CLASS	6	6
No. IN FLEET	37	R.A.	1	2
POOL No.	5354 (currently 5352)	BRAKE FORCE	V05	V05
No. RANGE	DB 983398-993541	BUILT (from)	1955	



FEATURES

1/ Smallest and Oldest Infrastructure hopper on Network SouthEast

2/ Cannot control flow of ballast from centre chute

3/ Not suitable for unloading on curves or S & C

4/ Can only unload into the four foot

5/ A vacuum braked Shark can be marshalled anywhere on the train

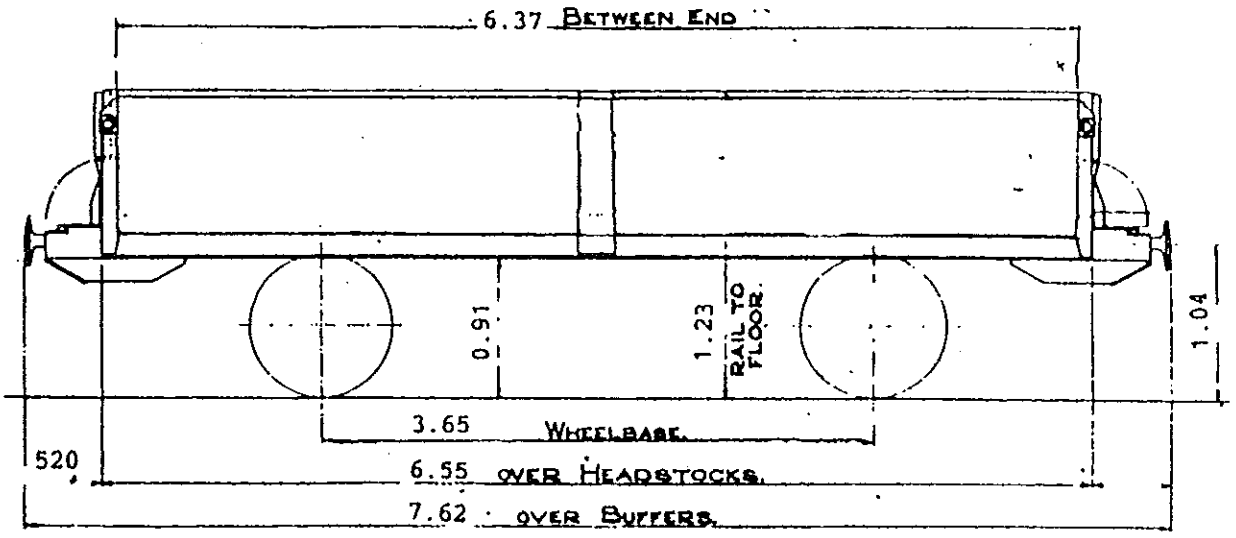
6/ Used on Renewal work with Dogfish only

7/ Loaded mainly at Leyton

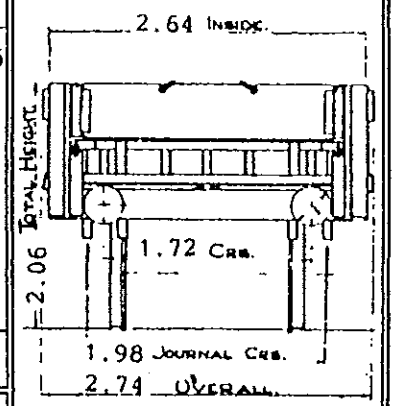
8/ Fleet is currently stored awaiting decision on future requirements

9/ Not maintained at present

CRAB (ZCV)



			E	L
WAGON TYPE	Bottom Ballast Carrier			
WAGON LENGTH	25ft (7.62m)	WEIGHT (Tonnes)	9.75	30.25
CAPACITY	20.5t (13.9m^3)	MAX SPEED (MPH)	50	50
BRAKE TYPE	Vacuum	TRAIN CLASS	6	6
No. IN FLEET	58	R.A.	1	3
POOL No.	5121	BRAKE FORCE	V05	V05
No. RANGE	DB 991000-320	BUILT (from)	1951	



FEATURES

1/ One of the main Infrastructure base stone wagons on Network SouthEast

2/ Converted Lamprey wagon. Drop doors have been replaced by fixed sides

3/ Steel construction (sides and floor)

4/ Can convey new or riddled ballast

5/ Unloaded on site using mobile excavators

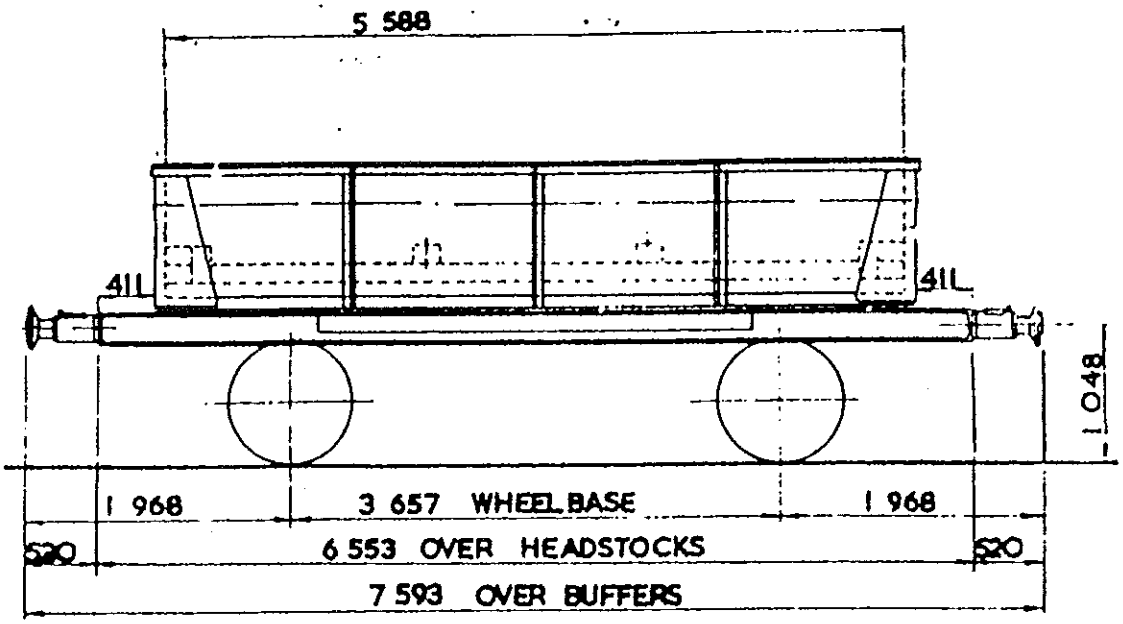
6/ Used mainly on Renewals work

7/ Loaded mainly at Grain or Hoo Junction

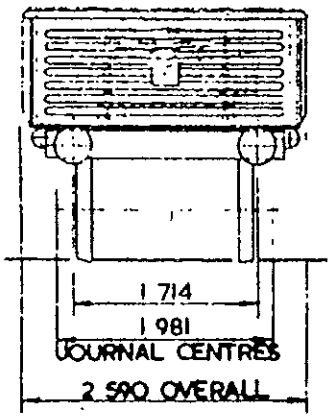
8/ Used mainly on the South Eastern, South Central and South Western Division

9/ Maintained at Three Bridges

DACE (ZCV)



			E	L
WAGON TYPE	Bottom Ballast Carrier			
WAGON LENGTH	25ft (7.62m)	WEIGHT (Tonnes)	10.5	31
CAPACITY	20.5t (11.8m^3)	MAX SPEED (MPH)	50	50
BRAKE TYPE	Vacuum	TRAIN CLASS	6	6
No. IN FLEET	~~140~~ 131	R.A.	1	1
POOL No.	5123	BRAKE FORCE	V06	V14
No. RANGE	DB 726225-524	BUILT (from)	1962	



FEATURES

1/ Largest Infrastructure base stone fleet on Network SouthEast

2/ Converted Shoc Hood wagon, minus nylon hood and supports

3/ Steel construction (fixed sides and floor)

4/ Conveys only new or riddled ballast

5/ Unloaded on site using mobile excavators

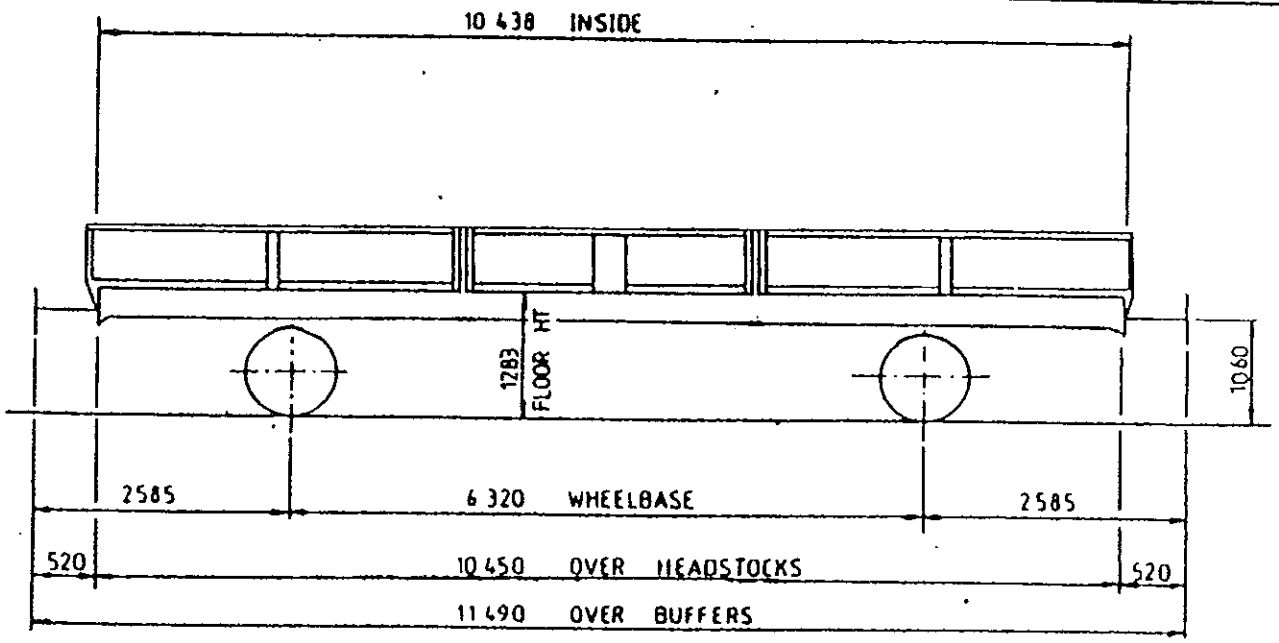
6/ Used mainly on Renewals work

7/ Loaded mainly at Grain, or Hoo Junction

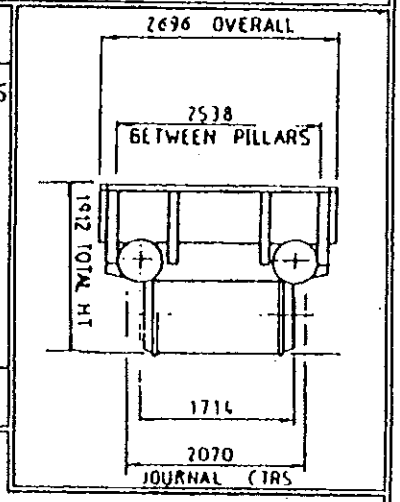
8/ Used mainly on the South Eastern, South Central and South Western Divisions

9/ Maintained at Three Bridges

SEAHARE (ZCA)



			E	L
WAGON TYPE	Bottom Ballast Carrier			
WAGON LENGTH	38ft (11.49m)	WEIGHT (Tonnes)	15	40.6
CAPACITY	25.6t (16.8m^3)	MAX SPEED (MPH)	75	75
BRAKE TYPE	Air	TRAIN CLASS	6	6
No. IN FLEET	99	R.A.	1	6
POOL No.	5355	BRAKE FORCE	A07	A23
No. RANGE	DC 460054-461101	REBUILT	1993	



FEATURES

1/ Newest Infrastructure air braked base stone fleet on Network SouthEast

2/ Converted Railfreight SPA wagon. Steel construction (sides and floor)

3/ Drop doors have been sealed up and capping plate fitted for added strength

4/ Replaces former Turbot and Mermaid fleets. Conveys only bottom ballast

5/ Used mainly on Renewals work

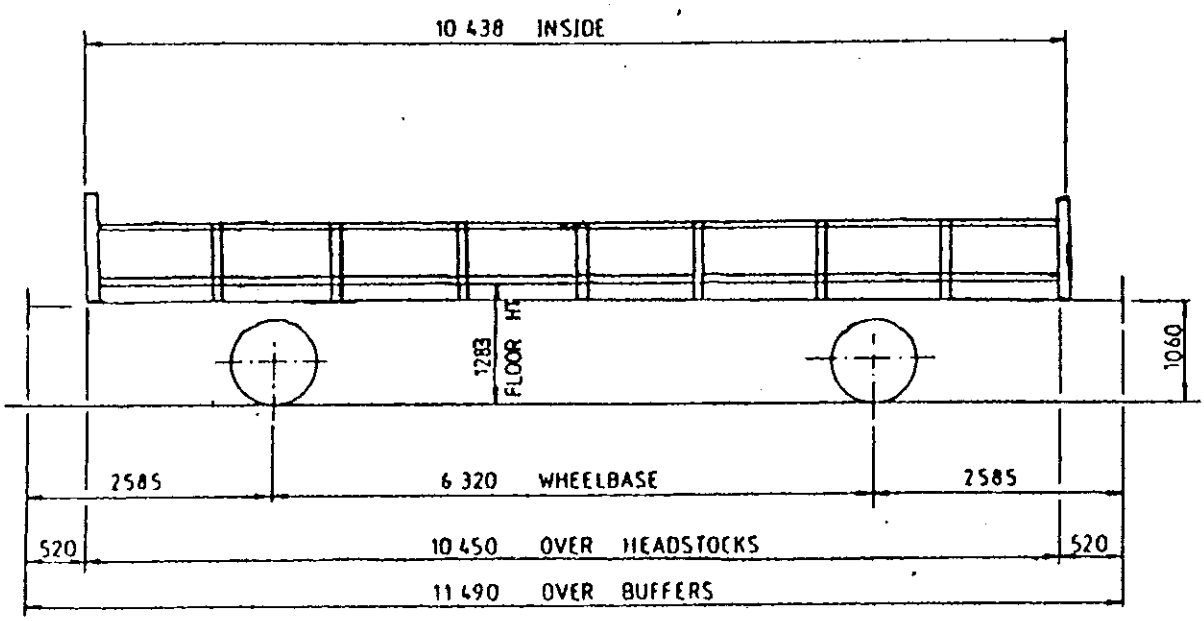
6/ Unloaded on site using mobile excavators

7/ Loaded mainly at Leyton

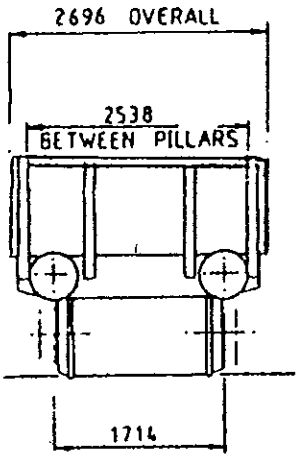
8/ Used mainly on the Great Eastern, W.A. & G.N. and L T & S Divisions

9/ Maintained at Ipswich

SEAHORSE (ZCA)



			E	L
WAGON TYPE	Bottom Ballast Carrier			
WAGON LENGTH	38ft (11.49m)	WEIGHT (Tonnes)	15.6	40.9
CAPACITY	25.3t	MAX SPEED (MPH)	75	75
BRAKE TYPE	Air	TRAIN CLASS	6	6
No. IN FLEET	30	R.A.	1	7
POOL No.	5115	BRAKE FORCE	A12	A25
No. RANGE	DC 112029-157	BUILT (from)	1981	



FEATURES

1/ One of the main Infrastructure base stone wagons on Network SouthEast

2/ Converted Bass Wagon

3/ Drop doors have been replaced by reinforced fixed sides

4/ Steel construction (sides and floor)

5/ Can be used when available for conveying other materials

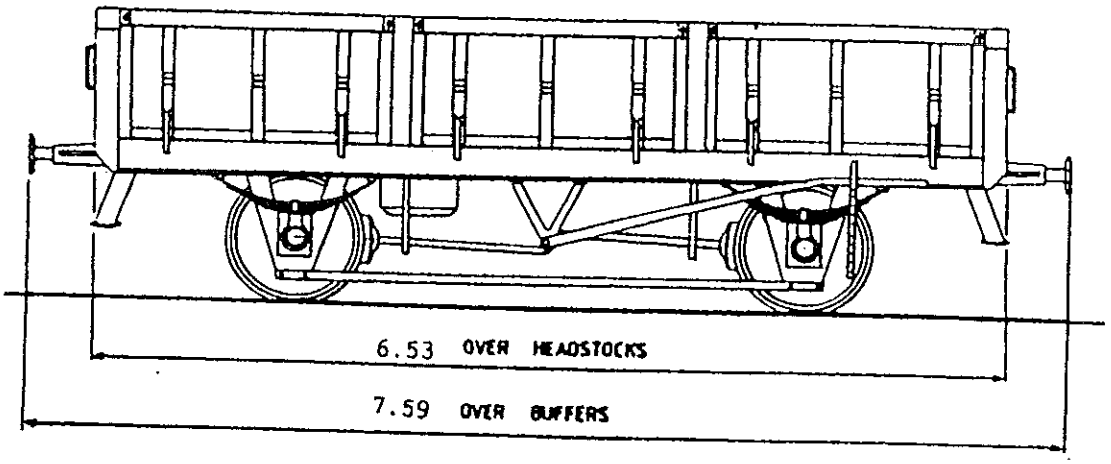
6/ Used on both Renewal and maintenance work.

7/ Loaded mainly at Grain

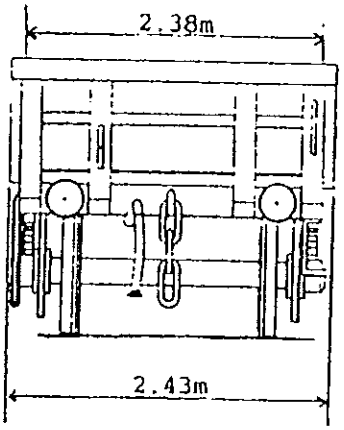
8/ Used throughout Network SouthEast

9/ Maintained at Ipswich

RUDD (ZBA)



			E	L
WAGON TYPE	Open Spoil/Ballast/Material Carrier			
WAGON LENGTH	25ft (7.59m)	WEIGHT (Tonnes)	10	31
CAPACITY	21t (13.3m^3)	MAX SPEED (MPH)	50	50
BRAKE TYPE	Air	TRAIN CLASS	6	6
No. IN FLEET	217 70	R.A.	1	3
POOL No.	5135/7 ~~5364~~ 216	BRAKE FORCE	A06	A06
No. RANGE	DB 972088-972799	REBUILT (from)	1988	



FEATURES

1/ Most versatile Infrastructure wagon on Network SouthEast

2/ Three reinforced drop doors each side

3/ Steel construction (sides and floor)

4/ Can be used for conveying Spoil, base stone and other materials

5/ Only wagon used for sand on Network SouthEast

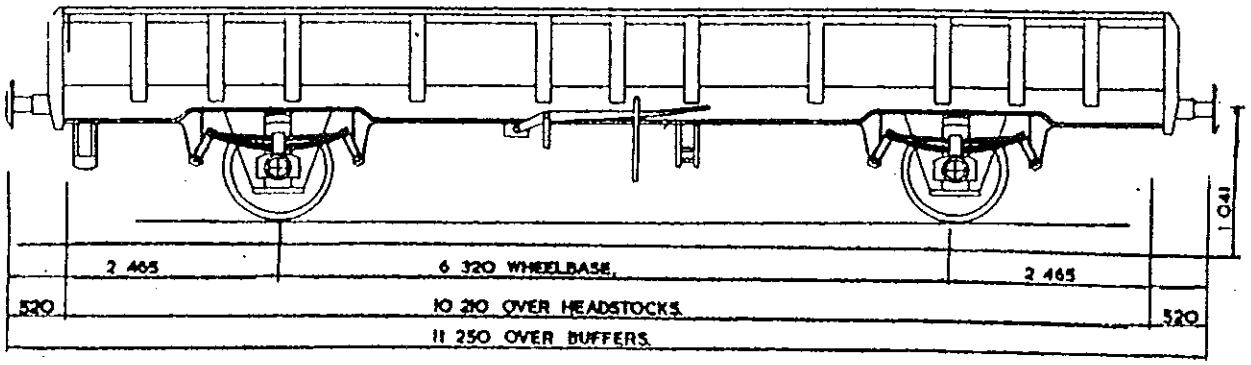
6/ Used on both Renewals and maintenance work

7/ Air braked, for greater versatility

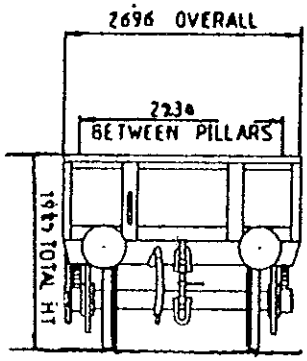
8/ Used throughout Network SouthEast

9/ Maintained at Woking (5135/7) and March (5364)

SEA URCHIN (ZCA)



			E	L
WAGON TYPE	Open Spoil Carrier			
WAGON LENGTH	37ft (11.27m)	WEIGHT (Tonnes)	14	40.6
CAPACITY	26.6t (15m^3)	MAX SPEED (MPH)	75	75
BRAKE TYPE	Air	TRAIN CLASS	6	6
No. IN FLEET	365	R.A.	1	6
POOL No.	5159	BRAKE FORCE	A06	A23
No. RANGE	DC200000 - 210397	REBUILT	1993	



FEATURES

1/ Newest Infrastructure air braked Spoil carrying wagon on Network SouthEast

2/ Converted Railfreight VDA Van

3/ Body has been removed and replaced with a new reinforced fixed sided box

4/ Steel construction (sides and floor)

5/ Used mainly on Renewals work

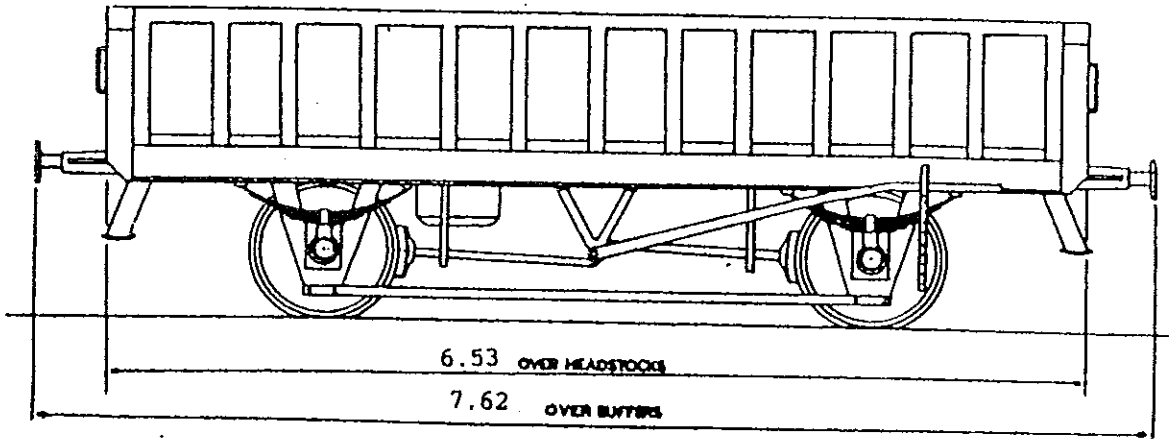
6/ Loaded on site using mobile excavators or a Ballast Cleaner

7/ Spoil unloaded at East Peckham Tip

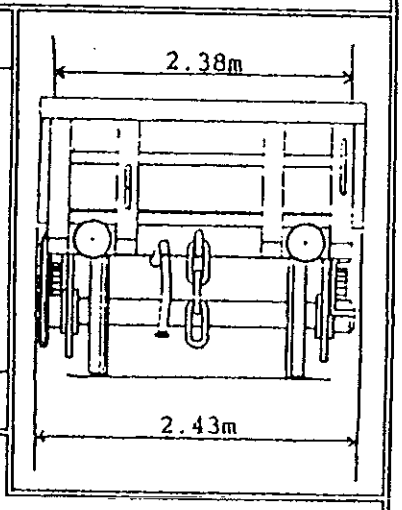
8/ Used mainly on the South Eastern, South Central and South Western Divisions

9/ Maintained at Tonbridge

CLAM (ZCV)



			E	L
WAGON TYPE	Open Spoil Carrier			
WAGON LENGTH	25ft (7.62m)	WEIGHT (Tonnes)	10.4	32
CAPACITY	21.6t (13m^3)	MAX SPEED (MPH)	50	50
BRAKE TYPE	Vacuum	TRAIN CLASS	6	6
No. IN FLEET	134	R.A.	1	3
POOL No.	5358	BRAKE FORCE	V06	V06
No. RANGE	DB 973067-394	REBUILT (from)	1988	



FEATURES

1/ Most durable Infrastructure vacuum braked Spoil carrying wagon on N.S.E.

2/ Converted HIV coal hopper fitted with a new reinforced box

3/ Steel construction (sides and floor)

4/ Can be used for conveying ballast only when shortfalls occur

5/ Used mainly on Renewals work

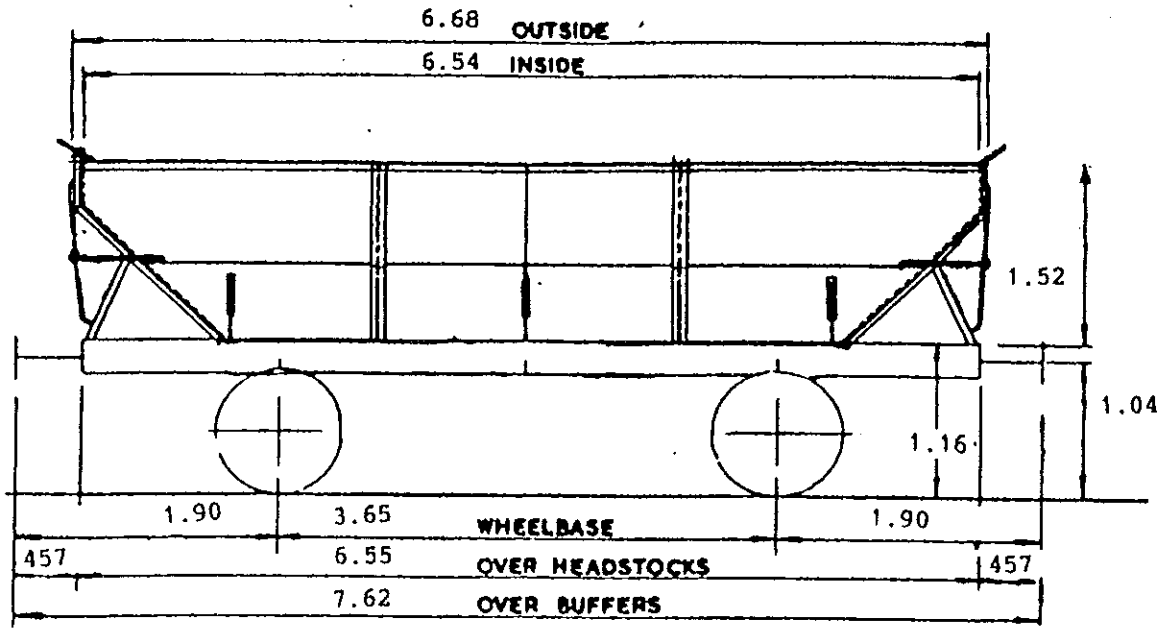
6/ Loaded on site using mobile excavators or a Ballast Cleaner

7/ Spoil unloaded at Parkeston Tip

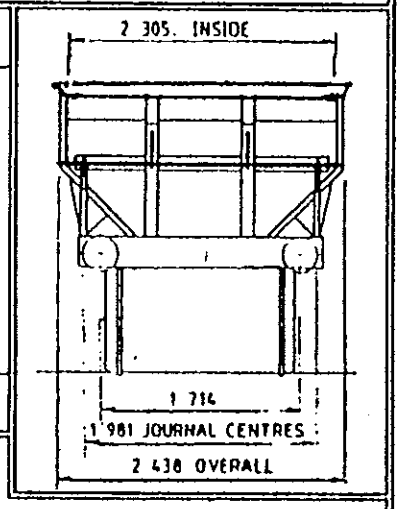
8/ Used mainly on Great Eastern, W.A & G.N. and L.T & S. Divisions

9/ Maintained at Ipswich

TOPE (ZCV)



			E	L
WAGON TYPE	Open Spoil Carrier			
WAGON LENGTH	25ft (7.62m)	WEIGHT (Tonnes)	8.5	30
CAPACITY	21.5t (15.7m^3)	MAX SPEED (MPH)	50	50
BRAKE TYPE	Vacuum	TRAIN CLASS	6	6
No. IN FLEET	70	R.A.	1	2
POOL No.	5360	BRAKE FORCE	V06	V06
No. RANGE	DB 970102-640	REBUILT (from)	1988	



FEATURES

1/ One of the newest Infrastucture vacuum braked Spoil carrying wagons on N.S.E.

2/ Converted HIV coal hopper with cut down steel sides

3/ Chutes have been replaced by a steel floor

4/ Cannot be unloaded under the overhead wires

5/ Used on Renewals work

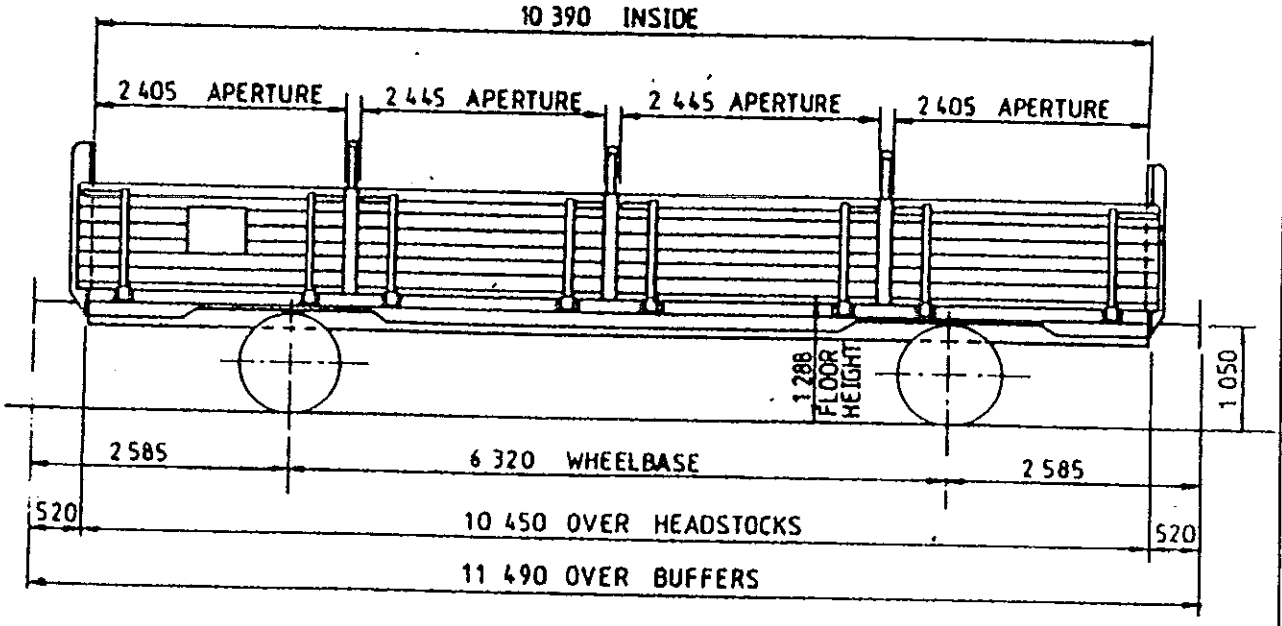
6/ Loaded on site using a Ballast Cleaner

7/ Spoil unloaded at Parkeston Tip

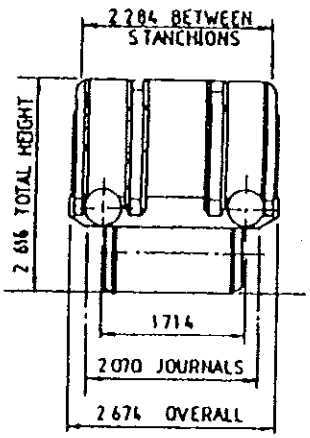
8/ Used mainly on the Great Eastern, W.A & G.N. and L.T & S Divisions

9/ Maintained at Ipswich

BASS (ZDA) WOODEN



				E	L
WAGON TYPE	General Material Carrier				
WAGON LENGTH	38ft (11.58m)		WEIGHT (Tonnes)	14.8	45.8
CAPACITY	31t (22.6m^3)		MAX SPEED (MPH)	60	60
BRAKE TYPE	Air		TRAIN CLASS	6	6
No. IN FLEET	41 95 3 3		R.A.	1	8/9
POOL No.	5377 8775 8791 8793		BRAKE FORCE	A07	A26
No. RANGE	DC 100000 - 1100800		BUILT (from)	1979	



FEATURES

1/ Used by all three Infrastructure Departments (C.E, S&T and EE)

2/ Used for conveying sleepers/troughing and other materials

3/ Converted OEA Railfreight wagon

4/ Four drop doors each side with removable stanchions for full side access

5/ Wooden construction (sides and floor)

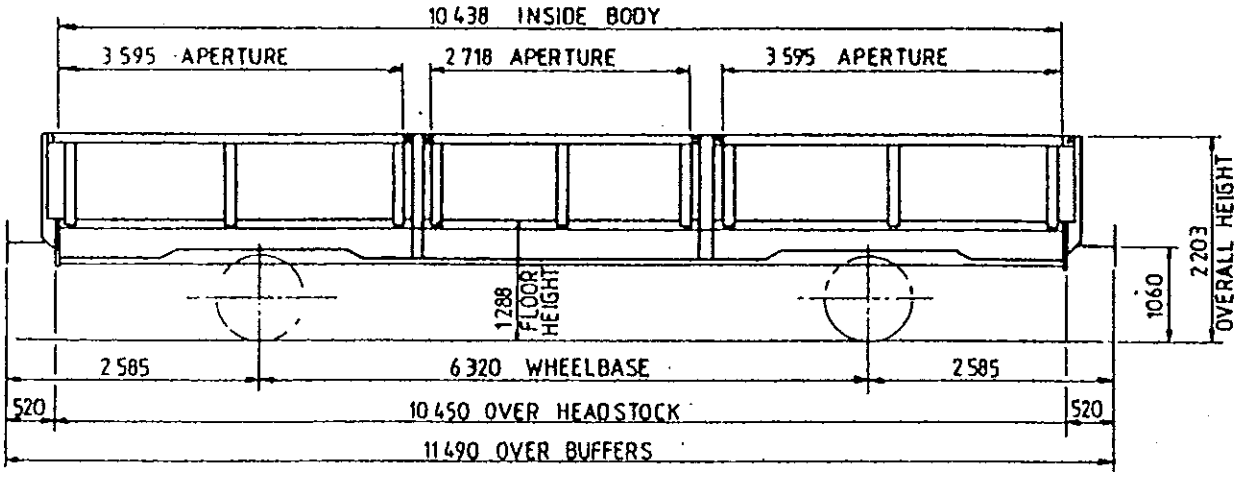
6/ Bass in Pools 8791 & 8793 are painted Red/Yellow and work with new Cable Laying Trains

7/ Used on engineering sites

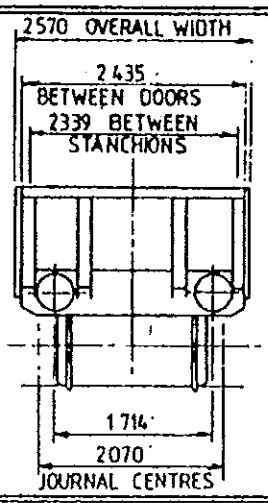
8/ Used throughout Network SouthEast

9/ Maintained at Three Bridges (8775/8791/93) and March (5377)

BASS (ZDA) STEEL



			E	L
WAGON TYPE	General Material Carrier			
WAGON LENGTH	38ft (11.58m)	WEIGHT (Tonnes)	15	46.5
CAPACITY	31.5t (22.6m^3)	MAX SPEED (MPH)	75	60
BRAKE TYPE	Air	TRAIN CLASS	6	6
No. IN FLEET	6 13	R.A.	1	9
POOL No.	8771 8781	BRAKE FORCE	A12	A27
No. RANGE	ADC 112001-392	BUILT (from)	1981	



FEATURES

1/ Used by all three Infrastructure Departments (C.E, S&T and EE)

2/ Used for conveying troughing and other materials

3/ Converted OCA Railfreight wagon

4/ Three drop doors each side with removable stanchions for full side access

5/ Steel construction with a wooden floor

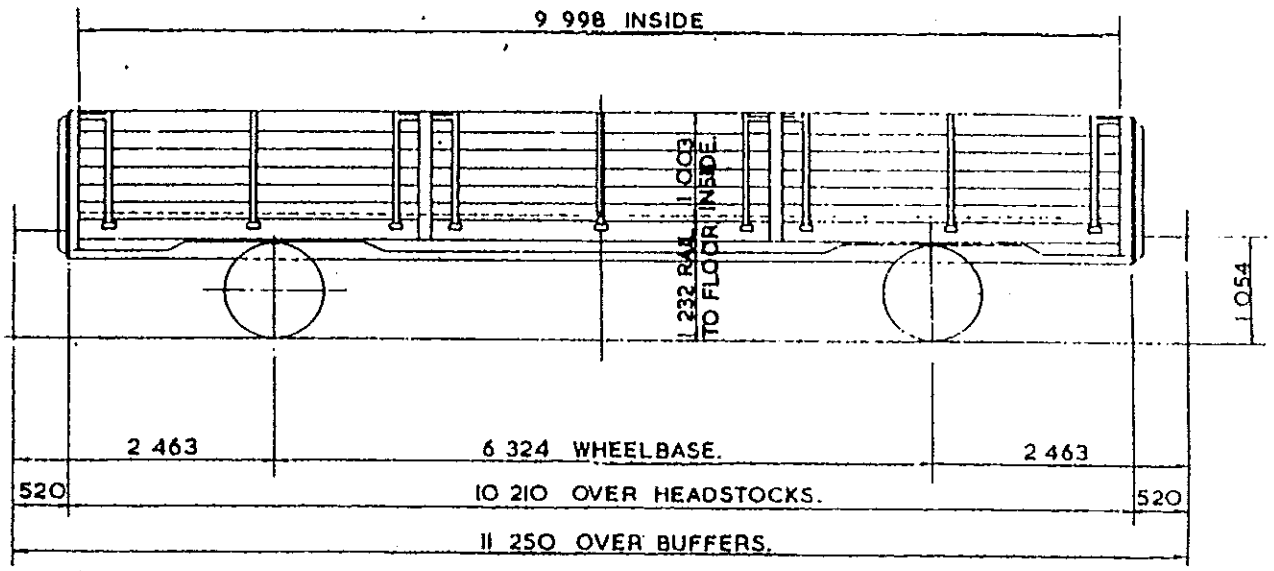
6/ Lower sided wagon than wooden bass

7/ Pool 8781 is used by the LT&S Resignalling scheme

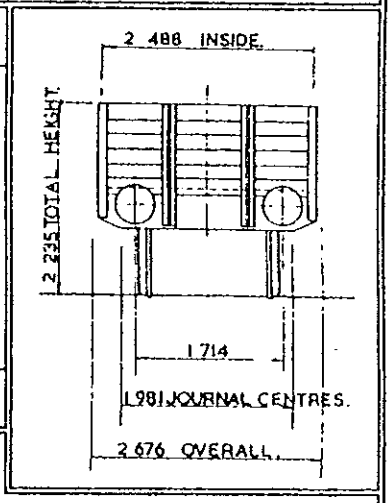
8/ Used throughout Network SouthEast.

9/ Maintained at Three Bridges (8771) and Ipswich (8781)

SQUID (ZDA)



WAGON TYPE	General Material Carrier				E	L
WAGON LENGTH	37ft (11.25m)			WEIGHT (Tonnes)	14	46
CAPACITY	32t (25m^3)			MAX SPEED (MPH)	75	60
BRAKE TYPE	Air			TRAIN CLASS	6	6
No. IN FLEET	37(E)	15(C)	15(W)	R.A.	1	8
POOL No.	5190	5192	5194	BRAKE FORCE	A12	A29
No. RANGE	DC 100001 - 098			BUILT (from)	1971	



FEATURES

1/ Used for conveying materials between depots within Network SouthEast

2/ Converted OAA Railfreight wagon

3/ Three drop doors each side

4/ Wooden construction (sides and floor)

5/ Allocated to the three former Southern Region areas

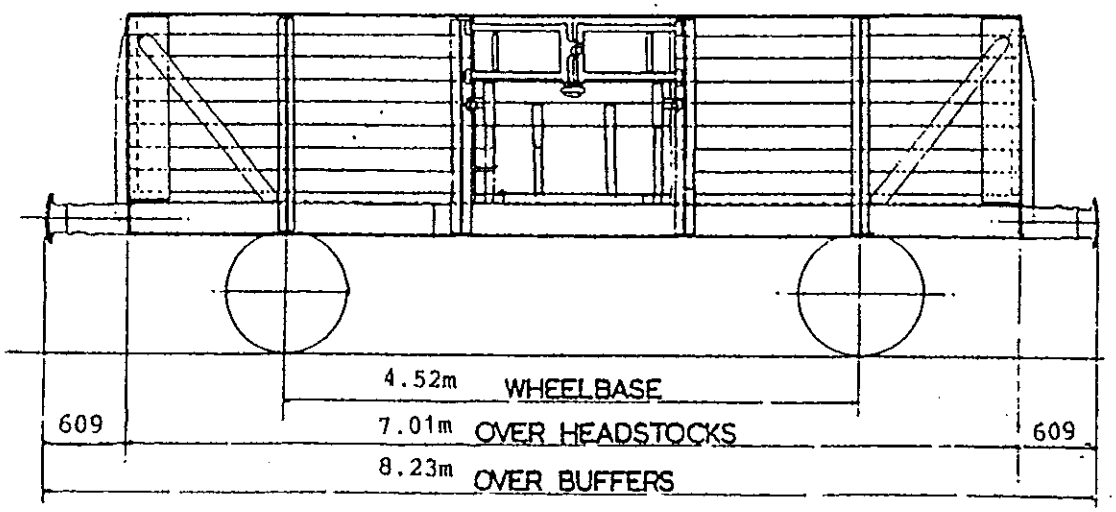
6/ Also used as brakeforce wagon

7/ Used on engineering sites

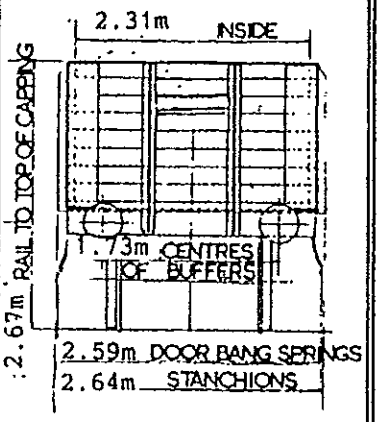
8/ Used mainly on the South Eastern, South Central and South Western Divisions

9/ Maintained at Tonbridge (5190), Three Bridges (5192), Woking (5194)

SEAL (ZGA)



			E	L
WAGON TYPE	General Material Carrier			
WAGON LENGTH	27ft (8.23m)	WEIGHT (Tonnes)	11	32.5
CAPACITY	21.5t (14m^3)	MAX SPEED (MPH)	60	60
BRAKE TYPE	Air	TRAIN CLASS	6	6
No. IN FLEET	4	R.A.	1	3
POOL No.	5192	BRAKE FORCE	A07	A15
No. RANGE	DB 715009-037	BUILT (from)	1957	



FEATURES

1/ Used for conveying materials between depots within Network SouthEast

2/ Similar to former Highfit wagon

3/ One central drop door each side

4/ Wooden construction (sides and floor)

5/ Allocated to the South Central Division

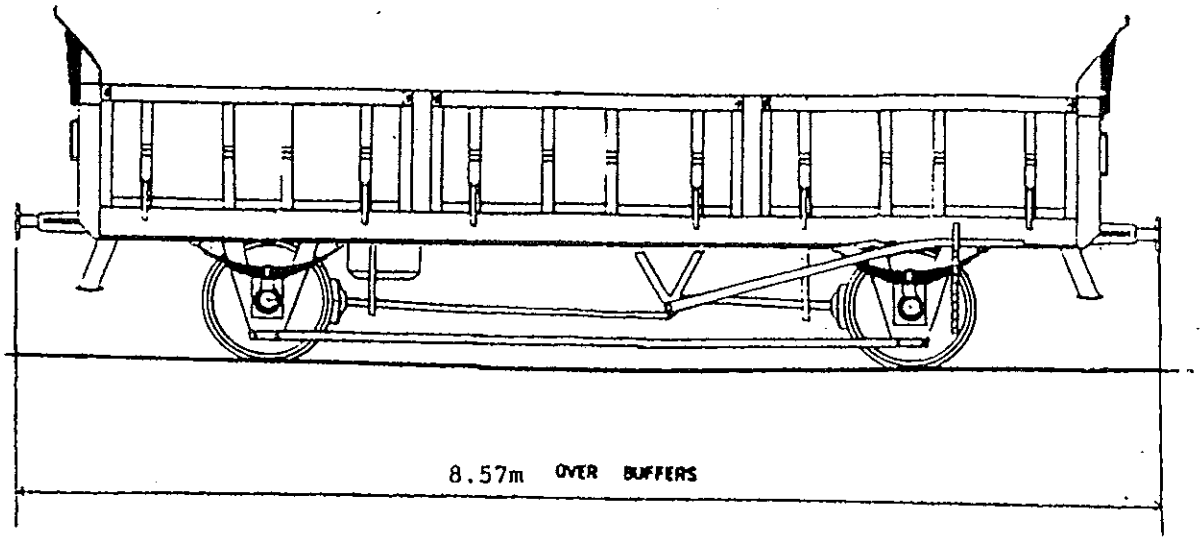
6/ Also used as brakeforce wagon

7/ Used on engineering sites

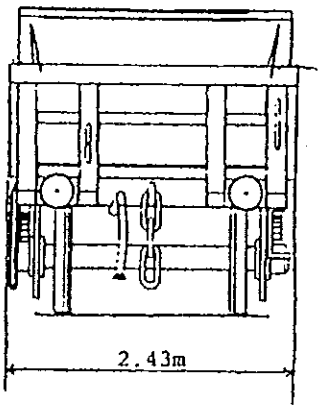
8/ Usually works with Squid wagons

9/ Maintained at Three Bridges

CARP (ZBA)



			E	L
WAGON TYPE	General Material Carrier			
WAGON LENGTH	29ft (8.57m)	WEIGHT (Tonnes)	13	40
CAPACITY	27t	MAX SPEED (MPH)	60	60
BRAKE TYPE	Air	TRAIN CLASS	6	6
No. IN FLEET	1	R.A.	1	6
POOL No.	5153	BRAKE FORCE	A08	A28
No. RANGE	DB 988600	BUILT (from)	1983	



FEATURES

1/ Only one of these wagon types exists on Network SouthEast

2/ Used for conveying materials between depots within Network SouthEast

3/ Longer version of a Rudd wagon with three drop doors each side

4/ Steel construction (sides and floor)

5/ Intended to replace old Grampus wagons, but never materialised

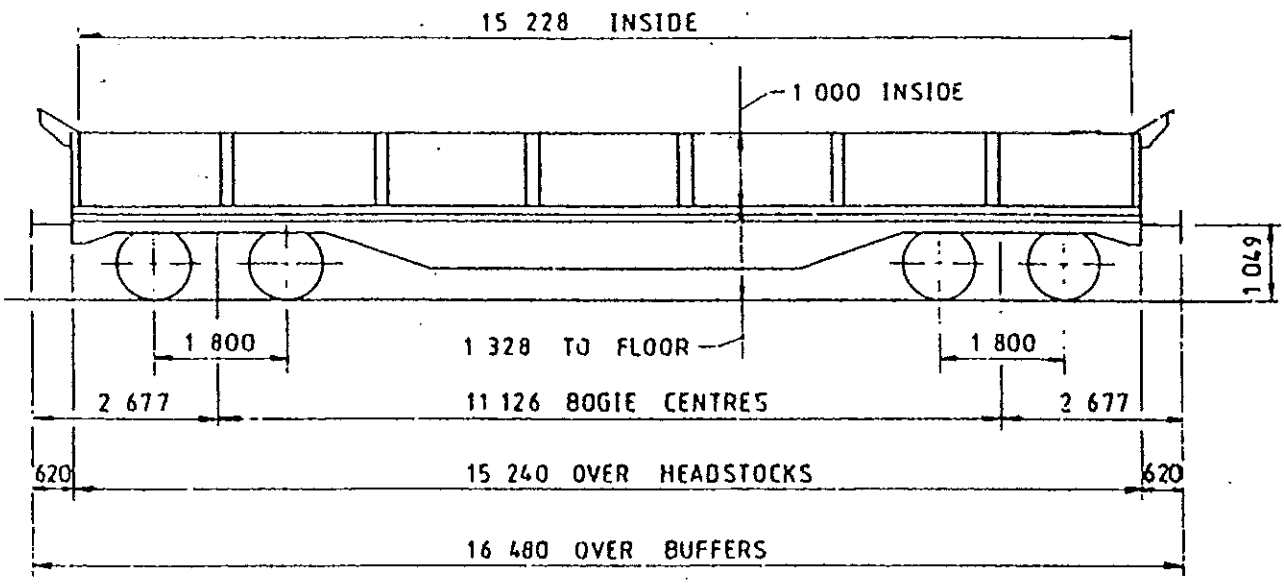
6/ Fitted with inclined ends to protect draw gear

7/ Rarely used on engineering sites

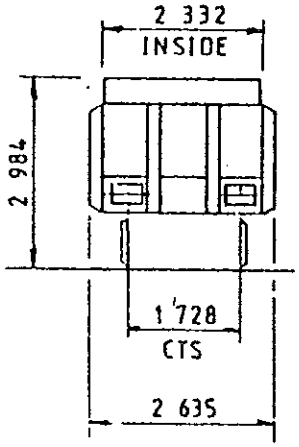
8/ Used mainly on the South Eastern, South Central and South Western Divisions

9/ Maintained at Eastleigh

HALIBUT (YCA)



			E	L
WAGON TYPE	General Material Carrier			
WAGON LENGTH	55ft (16.48m)	WEIGHT (Tonnes)	24.2	80.2
CAPACITY	56t	MAX SPEED (MPH)	60	60
BRAKE TYPE	Air	TRAIN CLASS	6	6
No. IN FLEET	2	R.A.	1	8
POOL No.	5153	BRAKE FORCE	A18	A40
No. RANGE	DB 981000/001	BUILT (from)	1982	



FEATURES

1/ Only two of these wagon types exist on Network SouthEast

2/ Used for conveying materials between depots within Network SouthEast

3/ Seven drop doors each side

4/ Steel construction (sides and floor)

5/ Specially made for the former Southern Region

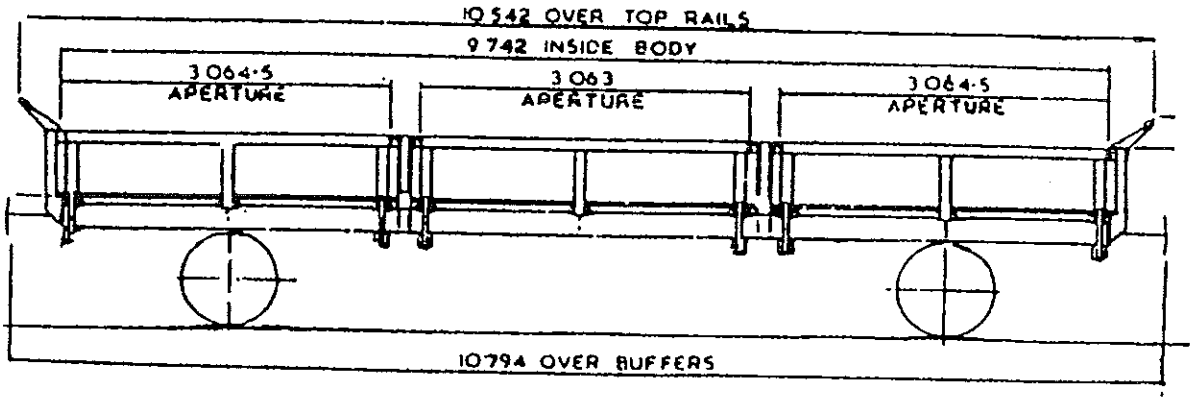
6/ Fitted with inclined ends to protect draw gear

7/ Rarely used on engineering sites

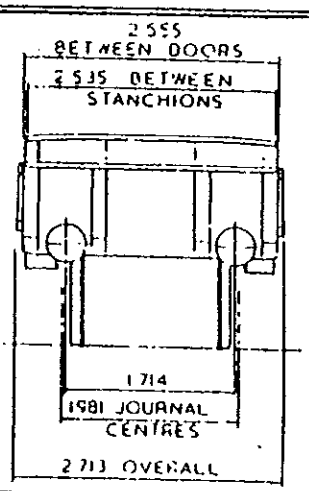
8/ Used mainly on the South Eastern, South Central and South Western Divisions

9/ Maintained at Eastleigh

POLLOCK (ZCA)



			E	L
WAGON TYPE	General Material Carrier			
WAGON LENGTH	36ft (10.97m)	WEIGHT (Tonnes)	12	42
CAPACITY	30t	MAX SPEED (MPH)	60	60
BRAKE TYPE	Air	TRAIN CLASS	6	6
No. IN FLEET	2	R.A.	1	1
POOL No.	5153	BRAKE FORCE	A05	A05
No. RANGE	DB 924820/824	BUILT (from)	1962	



FEATURES

1/ Only two of these wagon types exist on Network SouthEast

2/ Used for conveying materials between depots within Network SouthEast

3/ Three drop doors each side

4/ Steel construction (sides) and wooden floor

5/ Similar to the former Turbot wagon, but air braked and single axled

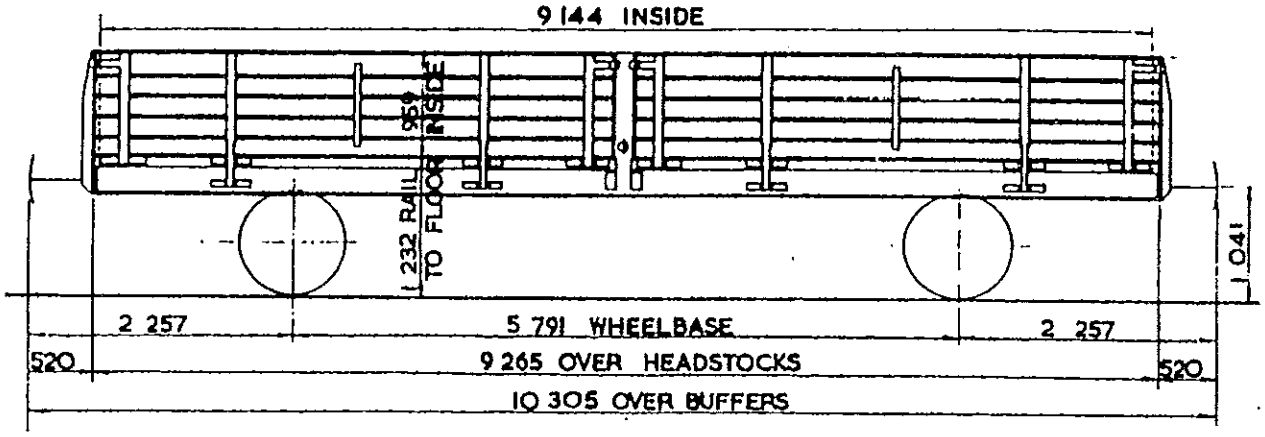
6/ Fitted with inclined ends to protect draw gear

7/ Rarely used on engineering sites

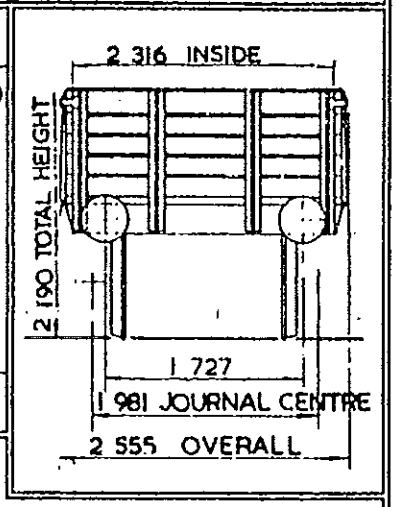
8/ Used mainly on the South Eastern, South Central and South Western Divisions

9/ Maintained at Eastleigh

TUBE (ZDV/ZDW)



			E	L
WAGON TYPE	General Material Carrier			
WAGON LENGTH	34ft (10.36m)	WEIGHT (Tonnes)	11.4	33.9
CAPACITY	21.5t (21.3m^3)	MAX SPEED (MPH)	50	50
BRAKE TYPE	Vacuum. (Air Pipe)	TRAIN CLASS	6	6
No. IN FLEET	17	R.A.	1	3
POOL No.	8761	BRAKE FORCE	V06	V06
No. RANGE	ADB 730305 - 733063	BUILT (from)	1949	



FEATURES

1/ One of the oldest Infrastructure open wagons on Network SouthEast

2/ Used for conveying concrete troughing and other materials

3/ Some have two drop doors either side, others have just one central door

4/ Wooden construction (sides and floor)

5/ All wagons in Pool had a general repair 1991/2 and are painted green

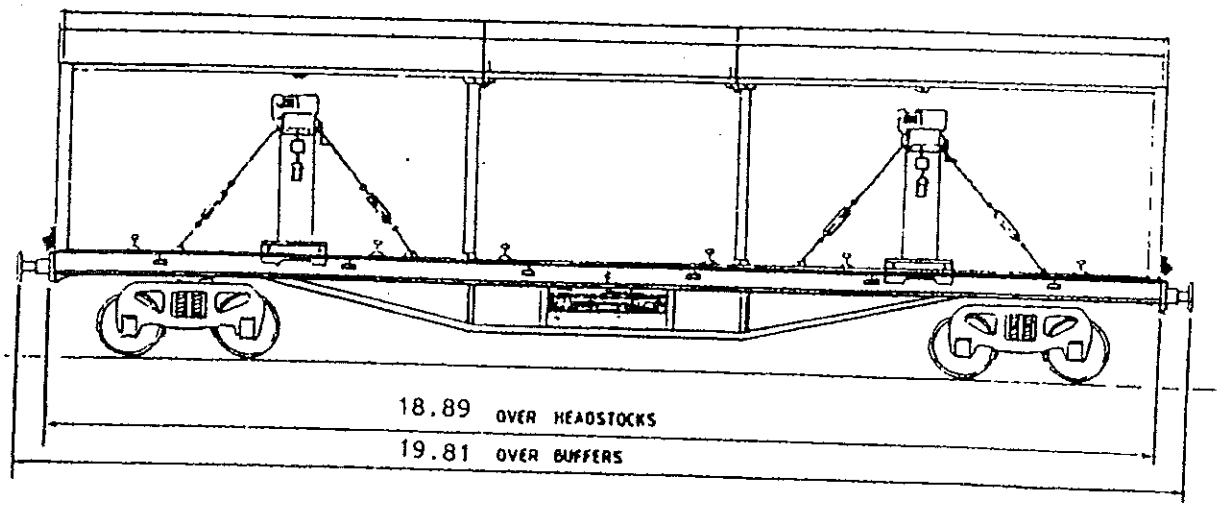
6/ Used by the Network Electrification Engineers Department

7/ Used on Engineering sites

8/ Used mainly on the South Eastern, South Central and South Western Divisions

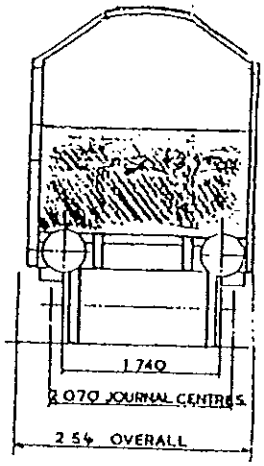
9/ Maintained at Three Bridges

BEDSTEAD/GEISMAR (YFA)



BEDSTEAD

WAGON TYPE	Side loading rail Carrier		E	L
WAGON LENGTH	65ft (19.81m)	WEIGHT (Tonnes)	28.5	78.5
CAPACITY	50t	MAX SPEED (MPH)	50	50
BRAKE TYPE	Air	TRAIN CLASS	6	6
No. IN FLEET	4(B) 8(G)	R.A.	1	6/8
POOL No.	5378 5168	BRAKE FORCE	A22	A22
No. RANGE	DB 996112 - 996847	BUILT (from)	1954	



FEATURES

1/ Bedsteads/Geismars are Salmon wagons fitted with two stunec hoists

2/ Side loading hoists pick up or unload 60 ft rails to/from the track

3/ Can convey up to 36 rails in three tiers of 13, 12 and 11

4/ Bedsteads are fitted with a roof for working under the overhead wires

5/ Also fitted with lights and stanchions

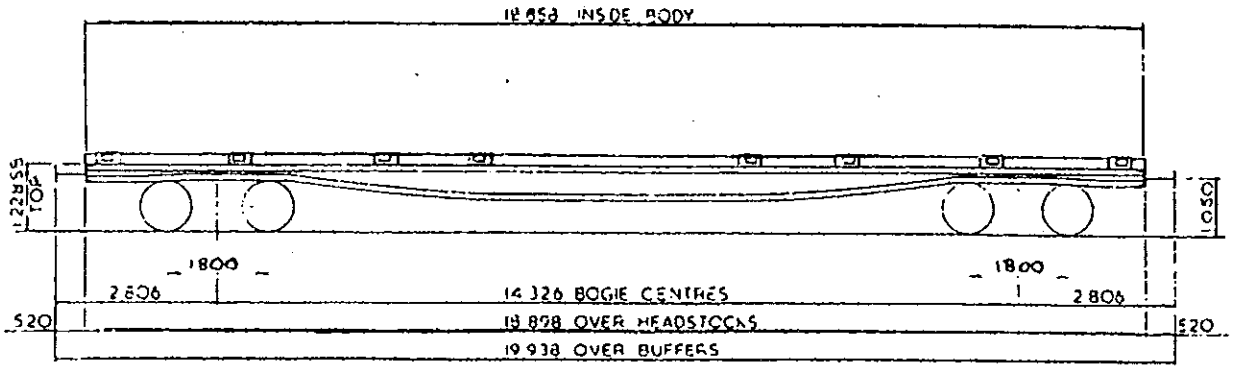
6/ Two runners DB 748126/147 (ZXX) in Pool 5168, work with Geismars

7/ Used on maintenance work

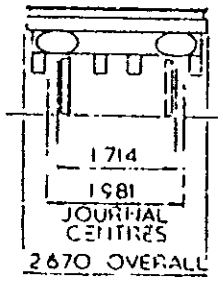
8/ Used throughout Network SouthEast

9/ Maintained at March (5378) and Eastleigh (5168)

PARR (YQA)



WAGON TYPE	Loose Concrete Sleeper Carrier		E	L
WAGON LENGTH	65ft (19.81m)	WEIGHT (Tonnes)	31	80
CAPACITY	49t	MAX SPEED (MPH)	60	60
BRAKE TYPE	Air	TRAIN CLASS	6	6
No. IN FLEET	33	R.A.	1	6
POOL No.	5151	BRAKE FORCE	A17	A42
No. RANGE	DC 967507 - 622	BUILT (from)	1981	



FEATURES

1/ Fastest flat top wagon in the Infrastructure fleet

2/ Former Civil Link Wagon

3/ Converted Millet wagon. Bolsters have been removed

4/ Main carrier of new concrete sleepers from manufacturers to Network SouthEast

5/ Each wagon can carry up to 168 concrete sleepers, three tiers of 56

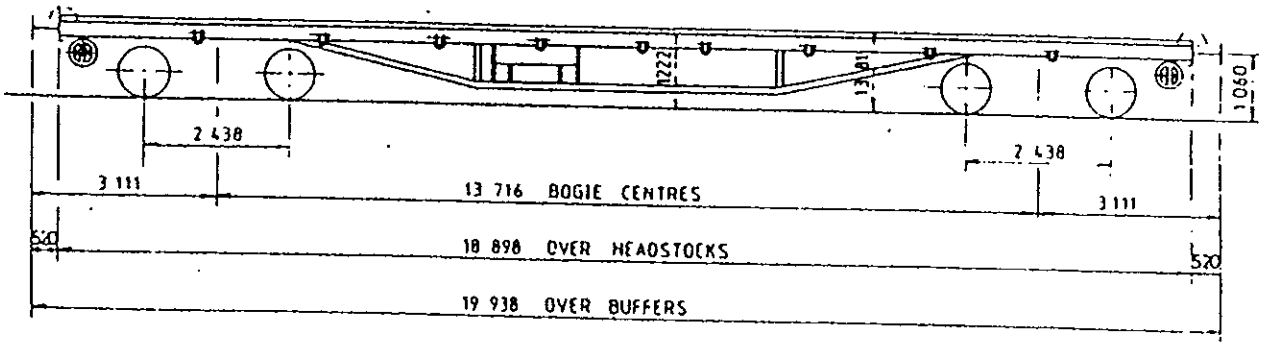
6/ Used on Renewals work

7/ Unloaded on site using tracklayer with bale or forklift

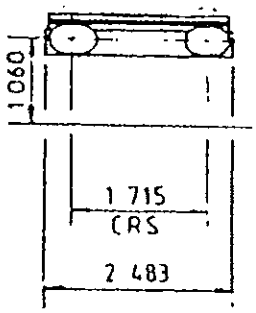
8/ Used throughout Network SouthEast

9/ Maintained at March

SALMON (YMA) FLAT TOP



			E	L
WAGON TYPE	Prefab Track/Sleeper Carrier			
WAGON LENGTH	65ft (19.81m)	WEIGHT (Tonnes)	27.4	78.4
CAPACITY	51t	MAX SPEED (MPH)	50	50
BRAKE TYPE	Air	TRAIN CLASS	6	6
No. IN FLEET	30 24	R.A.	1	6
POOL No.	5152 ~~5375~~ 29	BRAKE FORCE	A22	A22
No. RANGE	DB 996136 - 997012	BUILT (from)	1952	



FEATURES

1/ Most common Infrastructure 'flat top' wagon on Network SouthEast

2/ Used mainly for conveying prefab track

3/ Each wagon can convey four concrete or five wooden sleeper 60 ft panels

4/ One extra panel can be conveyed on third rail areas (not under wires)

5/ Also used to convey loose concrete sleepers

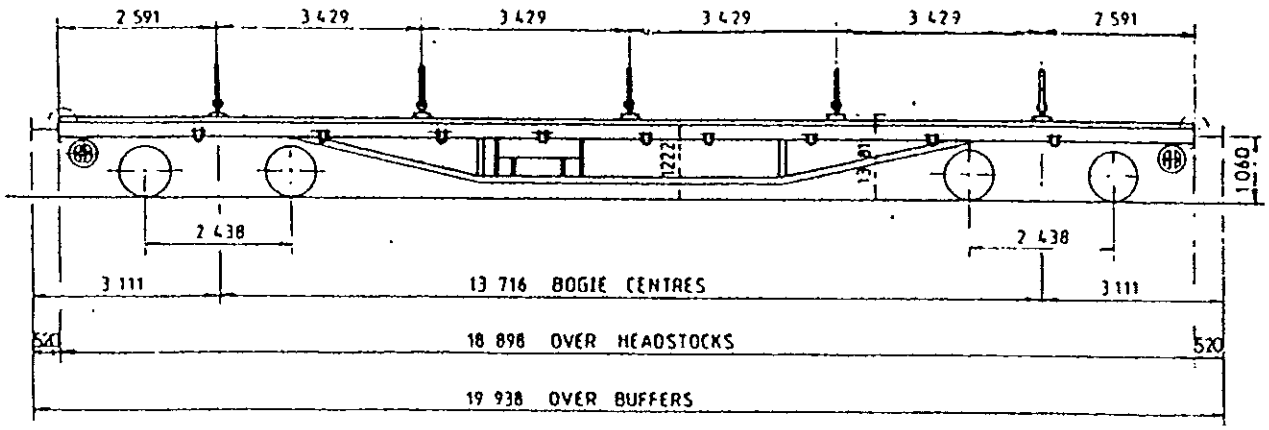
6/ Prefab loaded/Unloaded using a tracklayer. Sleepers using a Bale or Forklift

7/ Used mainly on Renewals work

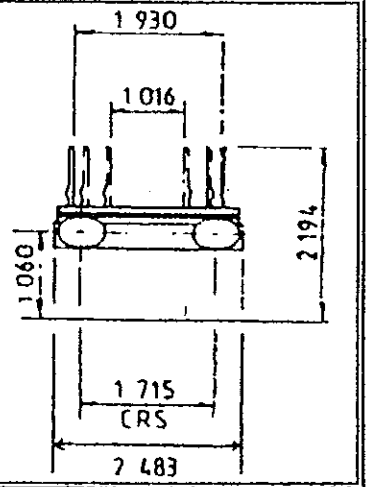
8/ Used throughout Network SouthEast

9/ Maintained at March (5375) and Eastleigh (5152)

SALMON (YMA) DUAL



			E	L
WAGON TYPE	Prefab Track/Rail Carrier			
WAGON LENGTH	65ft (19.81m)	WEIGHT (Tonnes)	27.4	78.4
CAPACITY	51t	MAX SPEED (MPH)	50	50
BRAKE TYPE	Air	TRAIN CLASS	6	6
No. IN FLEET	80 5	R.A.	1	6
POOL No.	5154 ~~5375~~ 7 9	BRAKE FORCE	A22	A22
No. RANGE	DB 996500 - 993	BUILT (from)	1957	



FEATURES

1/ Dual purpose Salmon fitted with bolsters/timbers

2/ Stanchions enable 60ft rails to be conveyed

3/ Stanchions can be easily removed for prefab or concrete sleeper carrying

4/ Each wagon can convey four concrete or five wooden sleeper 60ft panels

5/ Used on Renewals and maintenance work

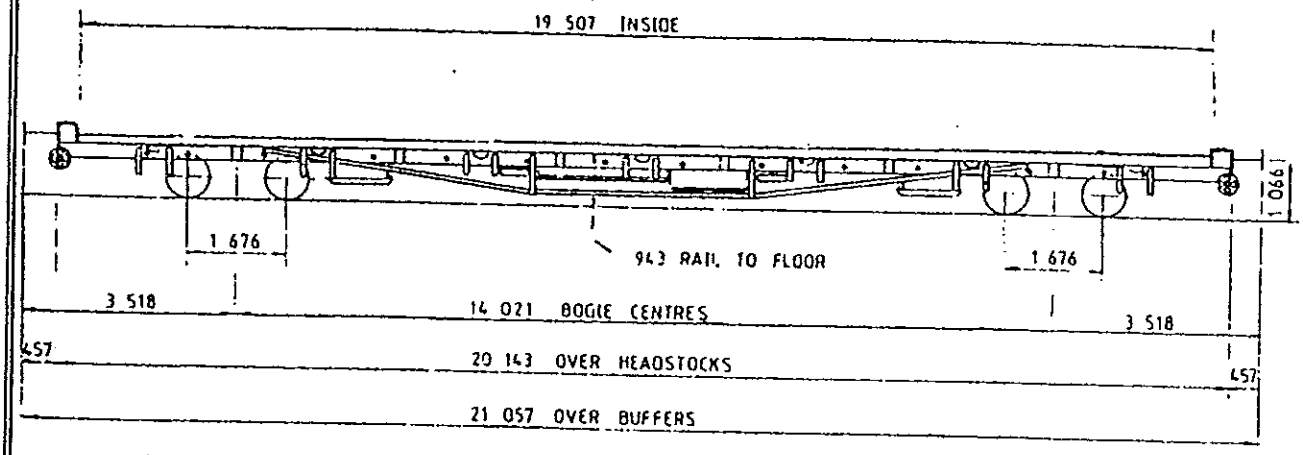
6/ Five wagons in Pool 5375 are bolstered Salmons

7/ Known as a 'Pin' wagon because of the ten stanchions

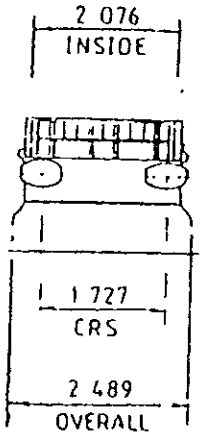
8/ Used throughout Network SouthEast

9/ Maintained at Eastleigh

STURGEON (YBA)



			E	L
WAGON TYPE	Prefab Track Carrier			
WAGON LENGTH	70ft (21.33m)	WEIGHT (Tonnes)	28.3	79.3
CAPACITY	51t	MAX SPEED (MPH)	35	35
BRAKE TYPE	Air	TRAIN CLASS	8	8
No. IN FLEET	42	R.A.	1	7/8
POOL No.	5369 (currently 5352)	BRAKE FORCE	A21	A21
No. RANGE	DB 994155 - 982	BUILT (from)	1956	



FEATURES

1/ Slowest flat top wagon in the Infrastructure fleet

2/ Similar to Salmon, but with a lower floor height

3/ Floor fitted with longitudinal timbers to bring height above platform level

4/ Can carry five wooden sleeper or four concrete sleeper, 60ft panels

5/ Also used to convey loose concrete sleepers from Tallington

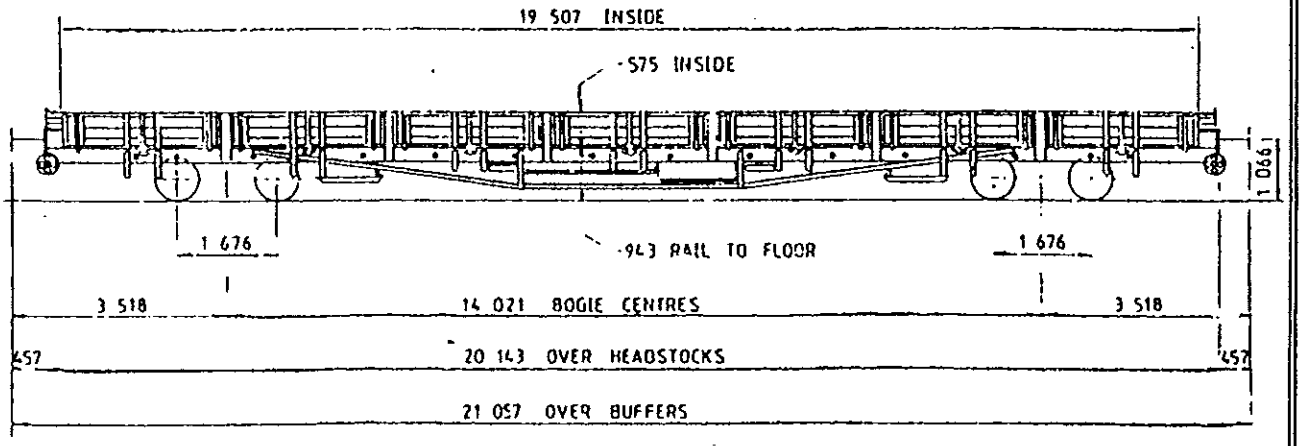
6/ Used mainly on Renewals work

7/ Unloaded on site using a tracklayer or cranes

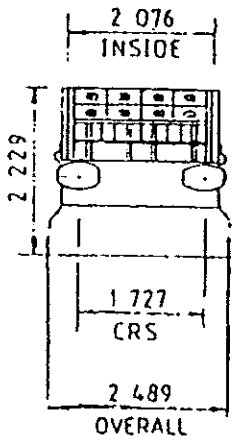
8/ Fleet is currently stored awaiting decision on future requirements

9/ Not maintained at present

TENCH (YPA)



			E	L
WAGON TYPE	Material/Scrap Carrier			
WAGON LENGTH	70ft (21.33m)	WEIGHT (Tonnes)	28.3	79.3
CAPACITY	51t	MAX SPEED (MPH)	35	35
BRAKE TYPE	Air	TRAIN CLASS	8	8
No. IN FLEET	13	R.A.	1	7
POOL No.	5379	BRAKE FORCE	A21	A21
No. RANGE	DB 994091 - 898	BUILT (from)	1953	



FEATURES

1/ Air braked version of the old Gondola or Blue

2/ Basically a Sturgeon with seven drop doors each side

3/ Wooden construction (sides and floor)

4/ Low floor height enables easy loading/unloading

5/ Used on Renewals and maintenance work

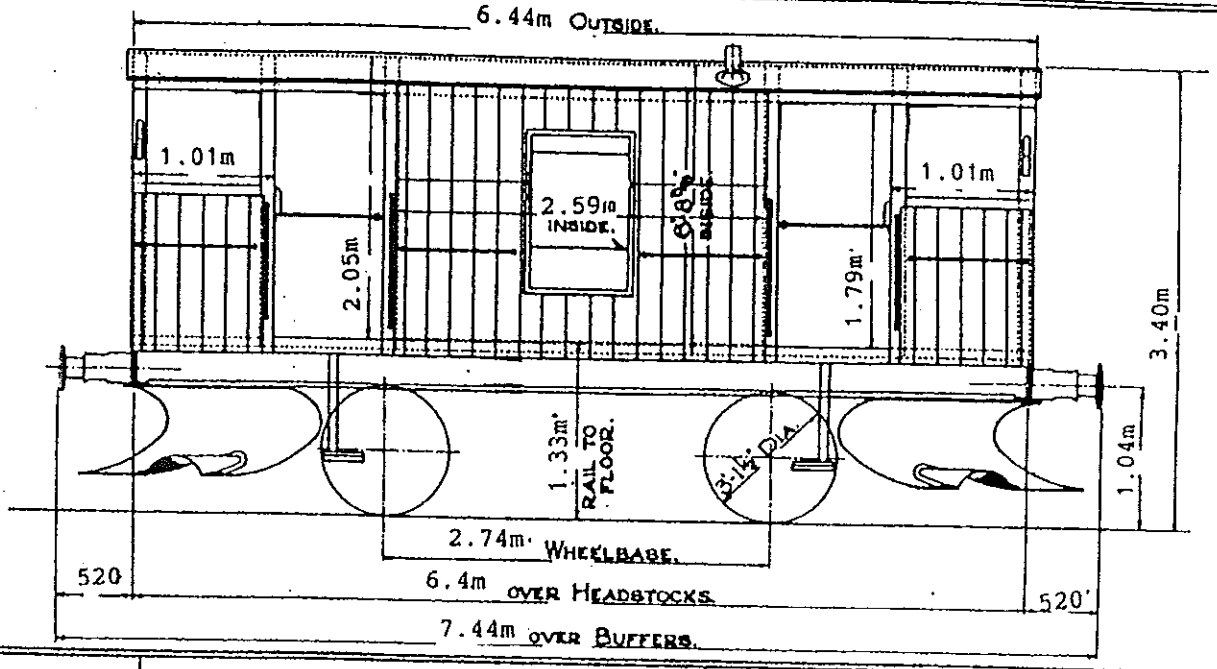
6/ Ideal for off loading a rail or crossing for defects

7/ DB 996505 and DB 996506 have seven 'lift out' doors each side

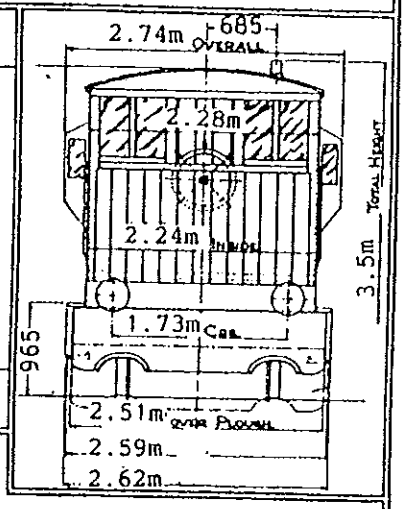
8/ Used throughout Network SouthEast

9/ Maintained at March

SHARK BRAKE VAN (ZUV/ZUW)



			E	L
WAGON TYPE	Brake Van fitted with ploughs			
WAGON LENGTH	25ft (7.62m)	WEIGHT (Tonnes)	20	20
CAPACITY	-	MAX SPEED (MPH)	45	45
BRAKE TYPE	Various	TRAIN CLASS	7	7
No. IN FLEET	14	R.A.	1	1
POOL No.	5302	BRAKE FORCE	V09	V09
No. RANGE	DB 993723 - 937	BUILT (from)	1956	



FEATURES

1/ Used for spreading ballast previously dropped from Hopper wagons

2/ Fitted with a plough at each end which can be lowered separately

3/ Must not be used as a normal Brake Van

4/ Usually marshalled at the rear of a vacuum braked hopper train.

5/ Air piped Sharks must have at least three Hoppers marshalled either side

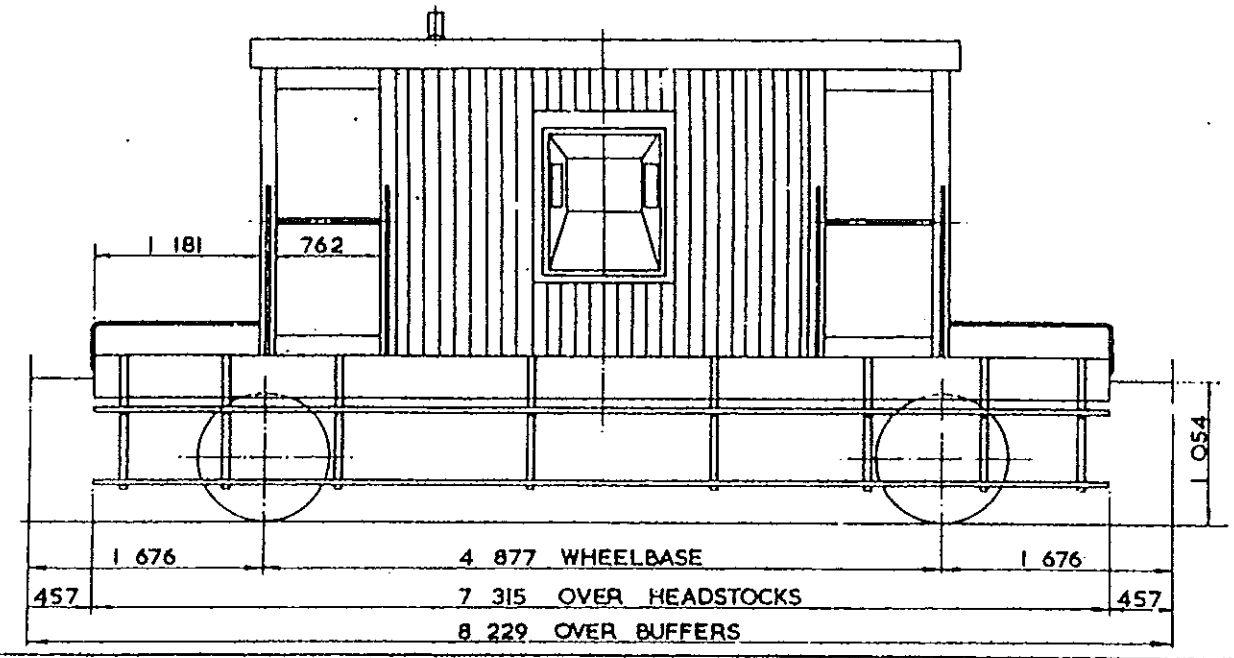
6/ DS 62862/64 are Southern Region designed Vans with ploughs fitted between the axles

7/ DS 62862, DS 62864 and DB 993723 can be used on third rail areas 'DS' Sharks are 60 mph

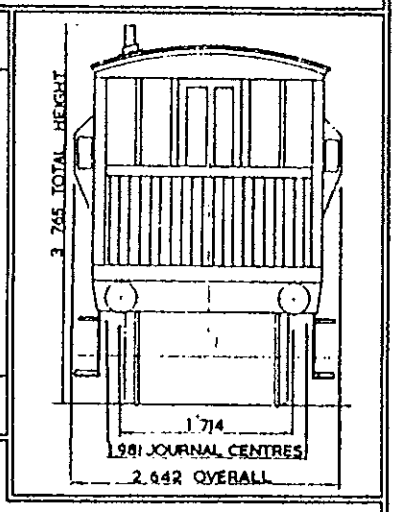
8/ Used throughout Network SouthEast

9/ Maintained at Ipswich

BRAKE VAN (ZTP/R/V/C)



			E	L
WAGON TYPE	Brake Van			
WAGON LENGTH	27ft (8.22m) or	WEIGHT (Tonnes)	15 to 25	
	28ft (8.53m)	MAX SPEED (MPH)	50	50
BRAKE TYPE	Various	TRAIN CLASS	6	6
No. IN FLEET	8 1 1	R.A.	1	1
POOL No.	5170 8791 8793	BRAKE FORCE	Various	
No. RANGE	DS 56119 - KDS 56400	BUILT (from)	1929	



FEATURES

1/ Used by the Signal & Telecommunications and Network Electrification Engineer Dept.

2/ Used mainly as personnel carriers for sitework

3/ Rarely used as a conventional Brake Van

4/ Brake Vans vary greatly in shape, size and brake type

5/ DS 56296 is a dual braked "Queen Mary" bogied Brake Van (YIX) Max Speed 75mph

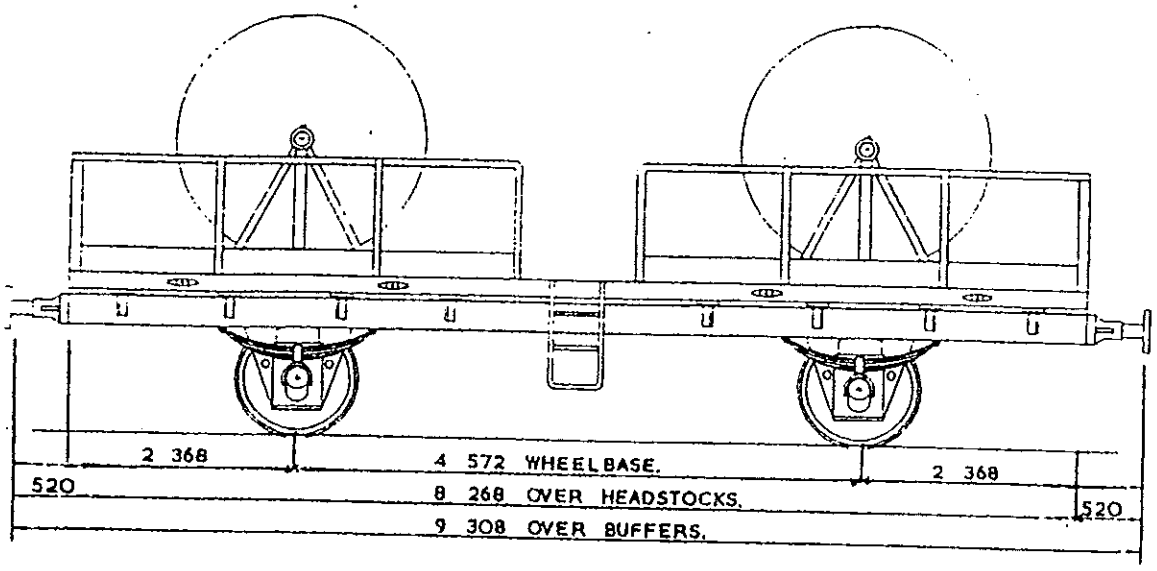
6/ KDS 55560, 55997, 56153, KDS 56400, KDE 310850 & KDB 954429 are painted Red and Yellow

7/ Brake Van in Pools 8791 and 8793 work with new Cable Laying Trains

8/ Used throughout Network SouthEast

9/ Maintained at Three Bridges

CABLE LAYER (ZVV)



			E	L
WAGON TYPE	Cable Layer (Drum Carrier)			
WAGON LENGTH	31ft (9.44m)	WEIGHT (Tonnes)	10.3	33.8
CAPACITY	22.5t	MAX SPEED (MPH)	50	50
BRAKE TYPE	Vacuum	TRAIN CLASS	6	6
No. IN FLEET	8	R.A.	1	3
POOL No.	5352	BRAKE FORCE	V06	V06
No. RANGE	KDB 934788 - 936227	BUILT (from)	1960	

WAGON NO.	SPINDLES
KDB 934788	2
KDB 935277	2
KDB 935336	2
KDB 935371	2
KDB 935425	2
KDB 935556	2
KDB 935986	2
KDB 936227	2

FEATURES

1/ Oldest and most basic Cable Drum carrying wagon of Network SouthEast

2/ Fitted with two separate 'A' frames

3/ Each wagon can convey two cable drums (see above)

4/ Used for off loading cable into a prepared troughing route

5/ Steel construction with a wooden floor. Fitted with handrails and steps.

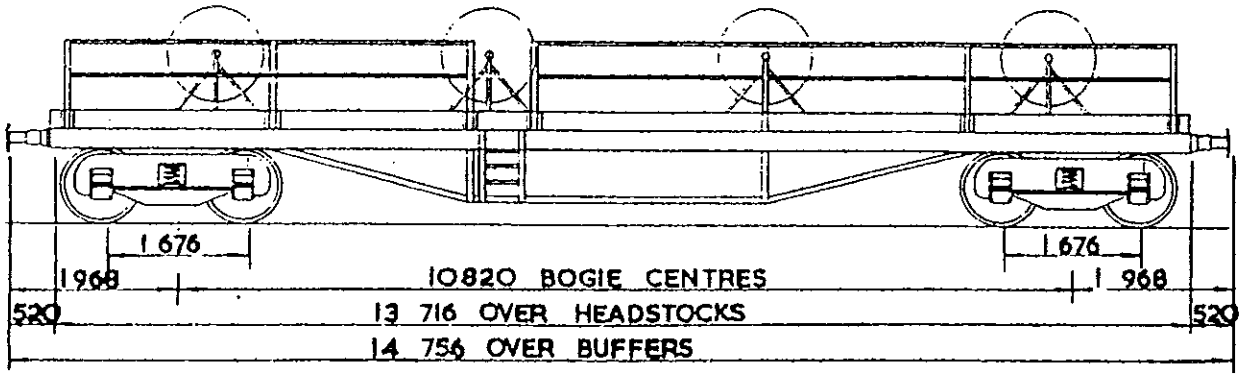
6/ 'A' frames are angled for easier off loading. Painted Red and Yellow.

7/ Used by the Signal and Telecommunications Department

8/ Currently stored at Ipswich S&T sidings awaiting decision on future requirements

9/ Not maintained at present

CABLE LAYER (YVV)



			E	L
WAGON TYPE	Cable Layer (Drum Carrier)			
WAGON LENGTH	48ft (14.63m)	WEIGHT (Tonnes)	16	46.5
CAPACITY	30.5t	MAX SPEED (MPH)	50	50
BRAKE TYPE	Vacuum	TRAIN CLASS	6	6
No. IN FLEET	5	R.A.	1	3
POOL No.	8043	BRAKE FORCE	V09	V09
No. RANGE	KDB 940252 - 943582	BUILT (from)	1952	

WAGON NO.	SPINDLES
KDB 940252	4
KDB 943061	4
KDB 943543	4
KDB 943545	5
KDB 943582	4

FEATURES

1/ Larger and better version of a ZVV wagon

2/ Former Bogie Bolster fitted with 'A' frames

3/ Each wagon can convey four cable drums (see above)

4/ Used for off loading cable into a prepared troughing route

5/ 'A' frames are angled for easier off loading

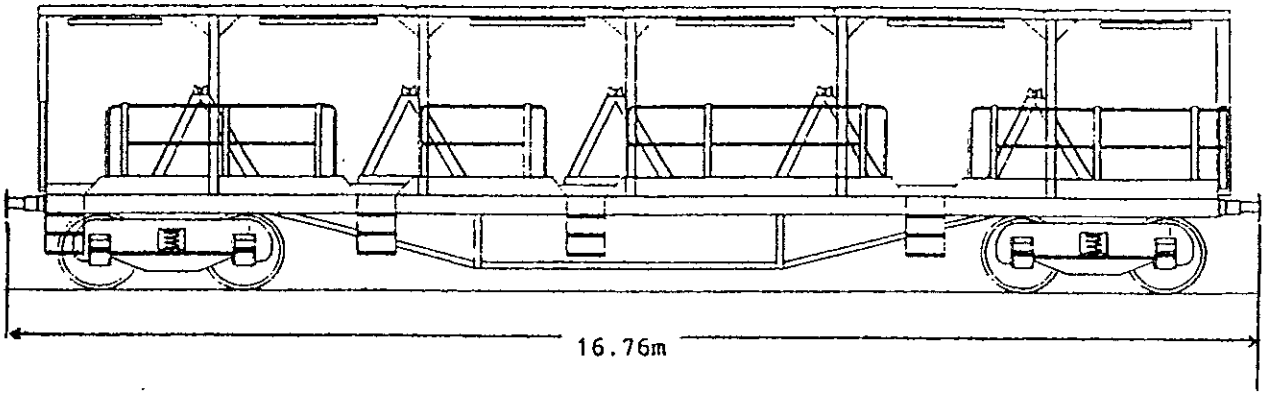
6/ Used by the Signal and Telecommunications department

7/ Handrails, steps and spindles are painted white

8/ Used throughout Network SouthEast

9/ Maintained at March

CABLE LAYER (YAA/YVA)



WAGON TYPE	Cable Layer (Drum Carrier)		E	L	
WAGON LENGTH	55ft (16.76m)	WEIGHT (Tonnes)	24	80	
CAPACITY	56t	MAX SPEED (MPH)	60	60	
BRAKE TYPE	Air	TRAIN CLASS	6	6	
No. IN FLEET	6 4 4 4 4	R.A.	1	7	
POOL No.	8789 8791 8793 8795 8797	BRAKE FORCE	A12	A41	
No. RANGE	KDC 950034-849	REBUILT	1992		

WAGON NO.	SPINDLES
KDC 950034	5
KDC 950037	5
KDC 950046	5
KDC 950048	5
KDC 950056	5
KDC 950064	5
KDC 950082	5
KDC 950093	5
KDC 950098	5
KDC 950113	5
KDC 950138	5
KDC 950179	5
KDC 950183	5
KDC 950221	5
KDC 950330	5
KDC 950358	5
KDC 950369	5
KDC 950400	5
KDC 950444	5
KDC 950807	5
KDC 950848	5
KDC 950849	5

FEATURES

1/ Newest Infrastructure Cable Drum carrying wagon on N.S.E.

2/ Converted Railfreight EDA steel carrying wagon

3/ Each wagon can convey up to five cable drums

4/ Spindles are angled for easier off-loading

5/ Usually work in sets of four, with a generator van (ZXA)

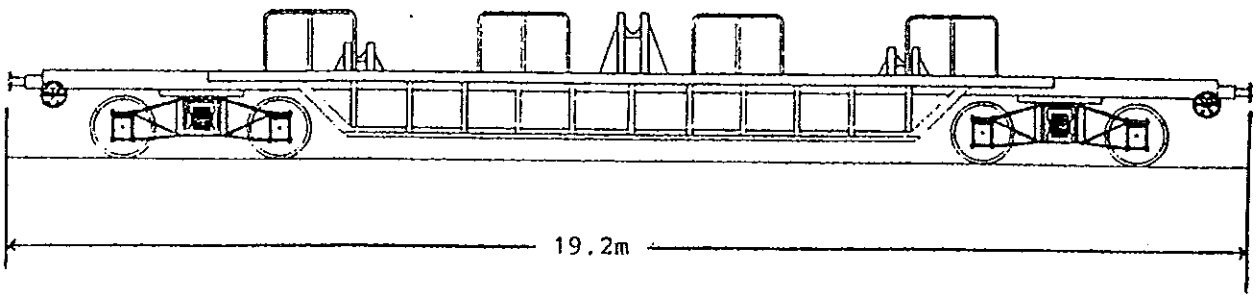
6/ Pool 8789 contains spare Cable Layers

7/ Painted Red and Yellow

8/ Used by Signal and Telecommunications Department

9/ Maintained at Three Bridges (8791/93/95) and Ipswich (8789/97)

CABLE LAYER (YVP)



			E	L
WAGON TYPE	Cable Layer (Drum Carrier)			
WAGON LENGTH	63ft (19.2m)	WEIGHT (Tonnes)	17.5	38
CAPACITY	20.5t	MAX SPEED (MPH)	45	40
BRAKE TYPE	Vacuum piped	TRAIN CLASS	7	7
No. IN FLEET	10	R.A.	1	1
POOL No.	8769	BRAKE FORCE	-	-
No. RANGE	ADB 976016 - 976027	BUILT (from)	1972	

WAGON NO.	SPINDLES
ADB 976016	3
ADB 976019	3
ADB 976020	3
ADB 976021	3
ADB 976023	3
ADB 976023	3
ADB 976024	3
ADB 976025	3
ADB 976026	3
ADB 976027	3

FEATURES

1/ Main heavy duty cable drum carrying wagon on N.S.E.

2/ Converted Weltrol wagon

3/ Specially built for the former Southern Region

4/ Each wagon can convey up to three cable drums (one large and two small)

5/ Steel construction. Fitted with handrails and steps.

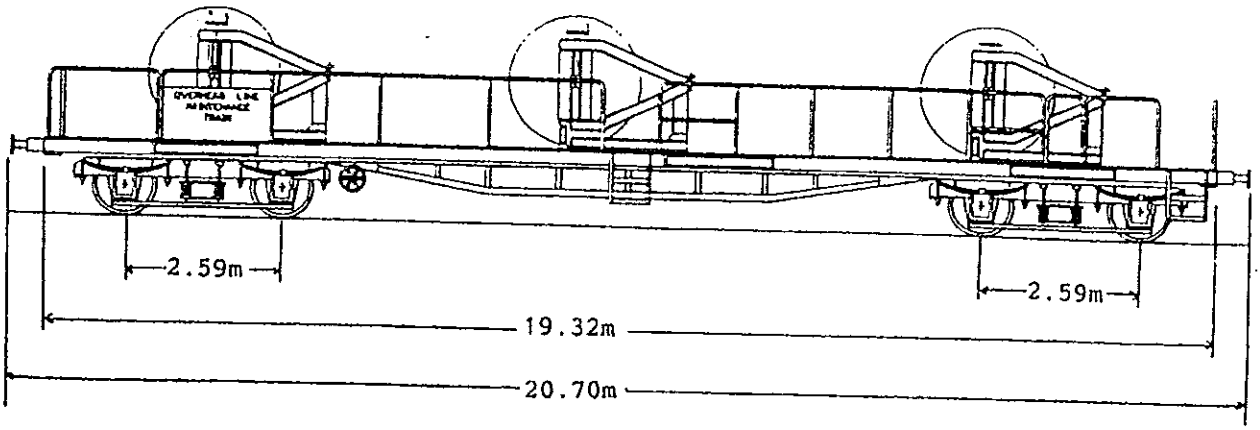
6/ Used by Network Electrification Engineers Department

7/ Not suitable for conveying S & T cable drums.

8/ Used mainly on the South Eastern, South Central and South Western Divisions

9/ Maintained at Three Bridges

WIRING TRAIN (QVX)



			E	L
WAGON TYPE	Overhead Line (Wiring Train)			
WAGON LENGTH	68ft (20.44m)	WEIGHT (Tonnes)	34.5	40
CAPACITY	5.5t	MAX SPEED (MPH)	60	60
BRAKE TYPE	Air and Vacuum	TRAIN CLASS	6	6
No. IN FLEET	5	R.A.	1	1
POOL No.	8665	BRAKE FORCE	A20	A20
No. RANGE	ADB 975923 - 929	BUILT (from)	1981	

WAGON NO.	SPINDLES
ADB 975923	3
ADB 975924	3
ADB 975927	3
ADB 975928	3
ADB 975929	3

FEATURES

1/ Only overhead power cable carrying wagons on Network SouthEast

2/ Converted Mk1 passenger coach, minus body, with a steel mesh floor

3/ Each wagon is fitted with high powered lights

4/ Each wagon can convey up to three cable drums

5/ Works together with QXX 'Flat Top' coaches

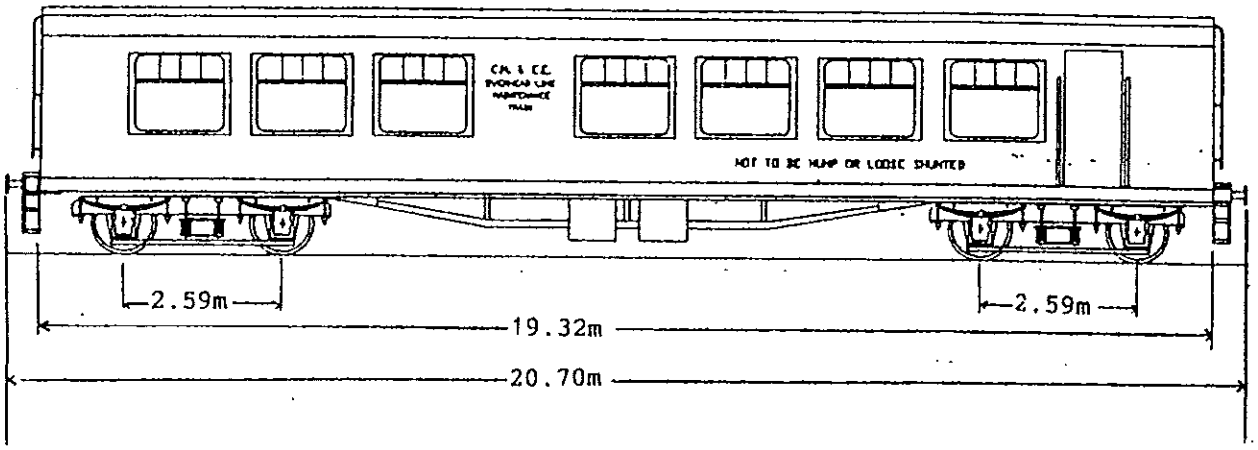
6/ Based at Romford Overhead Line Depot

7/ Used by the Network Electrification Engineers Department

8/ Used on the Great Eastern, WA & GN and LT & S Divisions

9/ Maintained at Ipswich

PANTOGRAPH TRAIN (QXX/QRX/QXA)



WAGON TYPE	Overhead Line (Pantograph Train)		E	L
WAGON LENGTH	68ft (20.44m)	WEIGHT (Tonnes)	33.5	38
CAPACITY	4.5t	MAX SPEED (MPH)	60	60
BRAKE TYPE	Air and Vacuum	TRAIN CLASS	6	6
No. IN FLEET	6	R.A.	1	1
POOL No.	8665	BRAKE FORCE	A31	A31
No. RANGE	ADB 975751 -770	BUILT (from)	1980	

WAGON NO.	TYPE
ADB 975751	Pan Coach
ADB 975752	Pan Coach
ADB 975758	Coach
ADB 975762	Gen Coach
ADB 975766	Stores
ADB 975770	Mess Coach

FEATURES

1/ Only overhead power pantograph wagons on Network SouthEast

2/ Converted Mk1 passenger coaches with lower, flat roofs

3/ Pool 8665 also contains some miscellaneous vechicles used by the NEE

4/ Number of vechicles on train depends on requirements

5/ Forms part of a Wiring train, with QVX Cable Drum Carriers

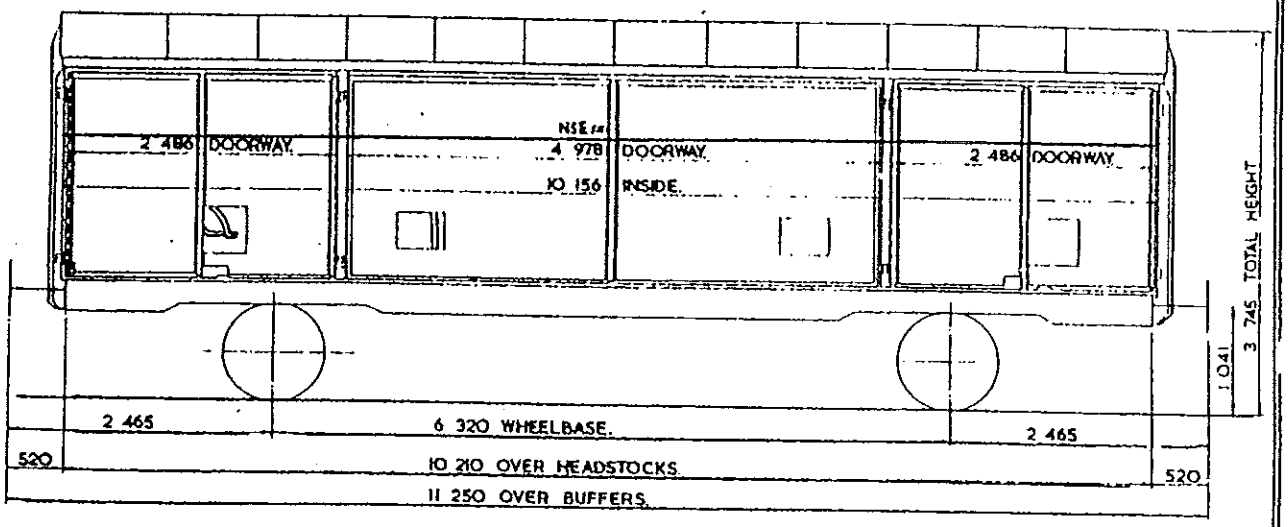
6/ Based at Romford Overhead Line Depot

7/ Used by the Network Electrification Engineers Department

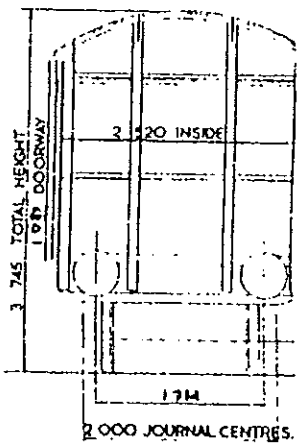
8/ Used on the Great Eastern, WA & GN and LT & S Divisions

9/ Maintained at Ipswich

GENERATOR VAN (ZXA)



			E	L
WAGON TYPE	Generator Van			
WAGON LENGTH	37ft (11.25m)	WEIGHT (Tonnes)	18	41
CAPACITY	23t (61m^3)	MAX SPEED (MPH)	75	75
BRAKE TYPE	Air	TRAIN CLASS	6	6
No. IN FLEET	1 1 1 1 1	R.A.	1	5
POOL No.	8789 8791 8793 8795 8797	BRAKE FORCE	A08	A23
No. RANGE	KDC 200800-210280	REBUILT	1992	



FEATURES

1/ Newest Infrastructure Generator Van on Network SouthEast

2/ Converted Railfreight VDA Van

3/ One van works with each set of four Cable Laying wagons (YAA/YVA)

4/ Provides power for the lighting system fixed to the new Cable Layers

5/ Each van contains a 240v generator

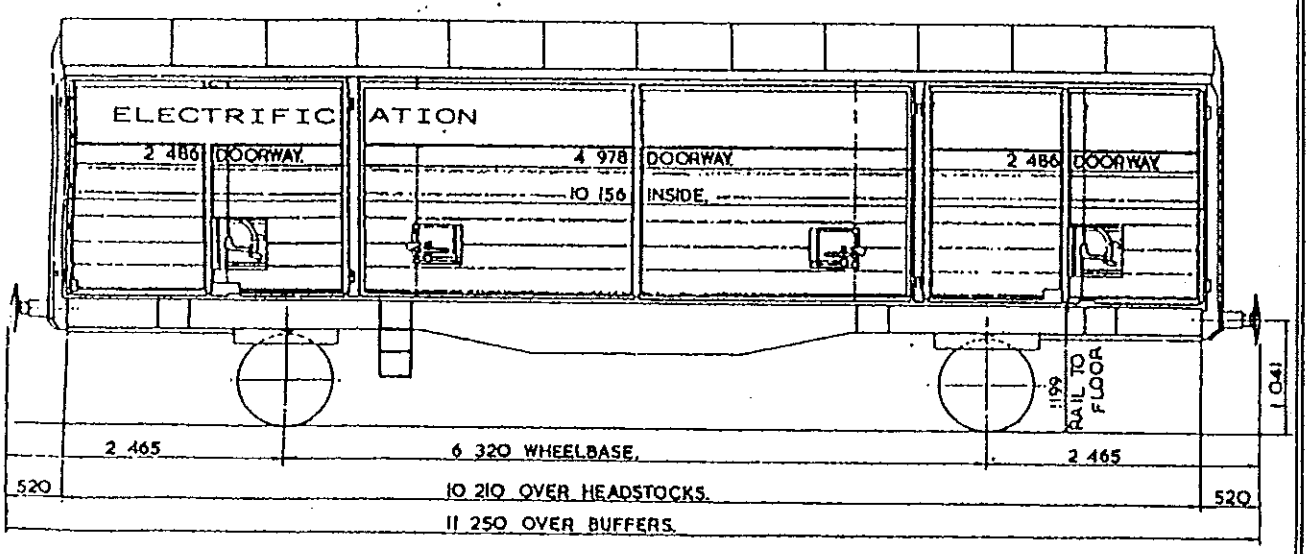
6/ Pool 8789 contains Spare Generator Van

7/ Painted Red and Yellow

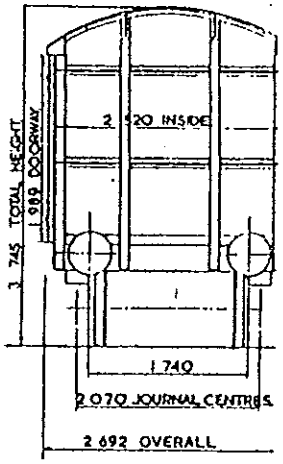
8/ Used by Signal and Telecommunications Department

9/ Maintained at Three Bridges (8791/93/95) and Ipswich (8789/97)

ELECTRIFICATION VAN (ZRA/ZYA)



			E	L
WAGON TYPE	Electrification Van			
WAGON LENGTH	37ft (11.27m)	WEIGHT (Tonnes)	17	46
CAPACITY	29t (59.4m^3)	MAX SPEED (MPH)	75	60
BRAKE TYPE	Air	TRAIN CLASS	6	6
No. IN FLEET	2 (ZRA) 6 (ZYA)	R.A.	1	9
POOL No.	8393	BRAKE FORCE	A12	A29
No. RANGE	ADC 200468 - 536	BUILT (from)	1974	



FEATURES

1/ Converted Railfreight VDA Van

2/ Each Van is fitted with lights and has two sliding doors each side

3/ Used for conveying concrete troughing and small electrical equipment

4/ Wagons are painted Green and Yellow with 'ELECTRIFICATION' written on side

5/ Both ZRA wagons, ADC 200453 and ADC 200493 are Generator Vans

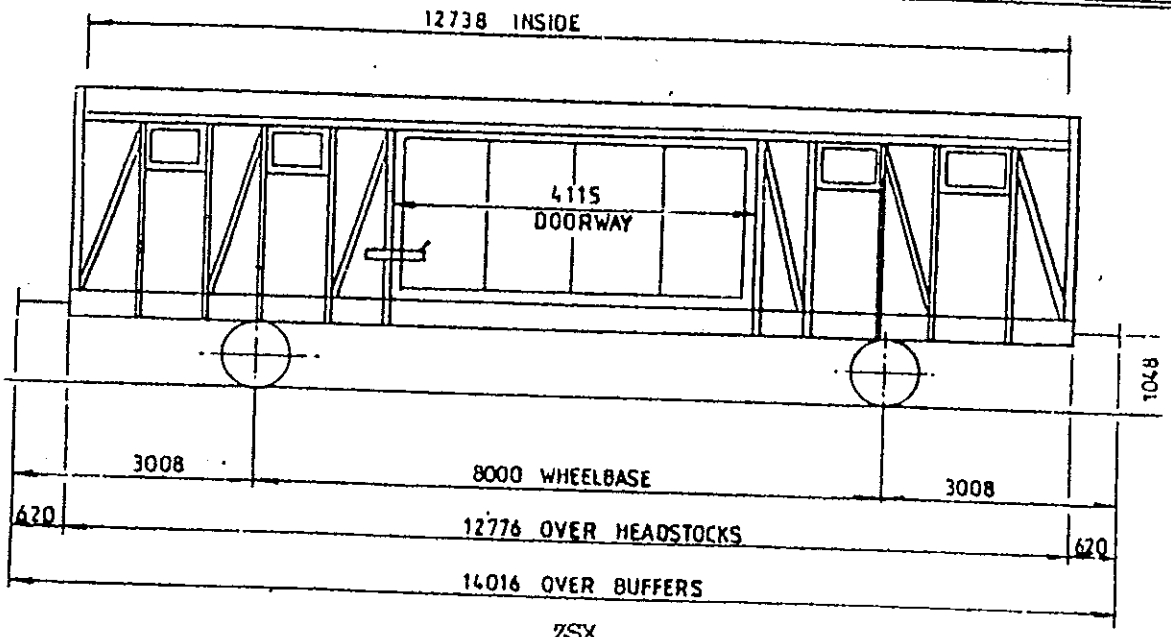
6/ Used by the Network Electrification Engineers Department

7/ Used on Engineering sites

8/ Used mainly on the South Eastern, South Central and South Western Divisions

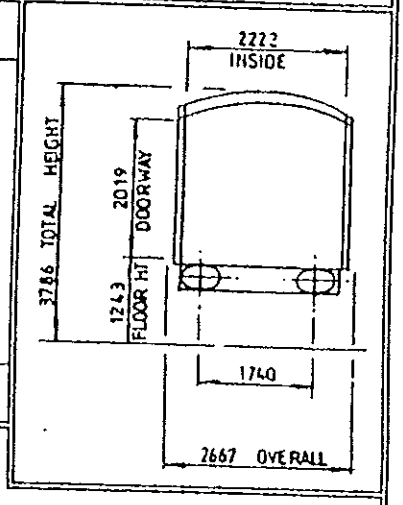
9/ Maintained at Three Bridges

COVERED VAN (ZRX/ZSX)



ZSX

			E	L
WAGON TYPE	Brakeforce Wagon			
WAGON LENGTH	46ft (14.02m)	WEIGHT (Tonnes)	15	35
CAPACITY	20t (66m^3)	MAX SPEED (MPH)	45	60
BRAKE TYPE	Air/Dual	TRAIN CLASS	7	6
No. IN FLEET	18 2 17	R.A.	1	4
POOL No.	5176 8767 8781	BRAKE FORCE	10	10
No. RANGE	DB 786894 - 787291	BUILT (from)	1962	



FEATURES

1/ Main Brake force wagon used on Network SouthEast

2/ Former Railfreight Van

3/ Three Brake Force wagons must be marshalled behind a piped only vehicle

4/ Pool 8781 is used by the LT&S Resignalling scheme

5/ Both wagons in Pool 8767 are used as Tool Vans (ZRX)

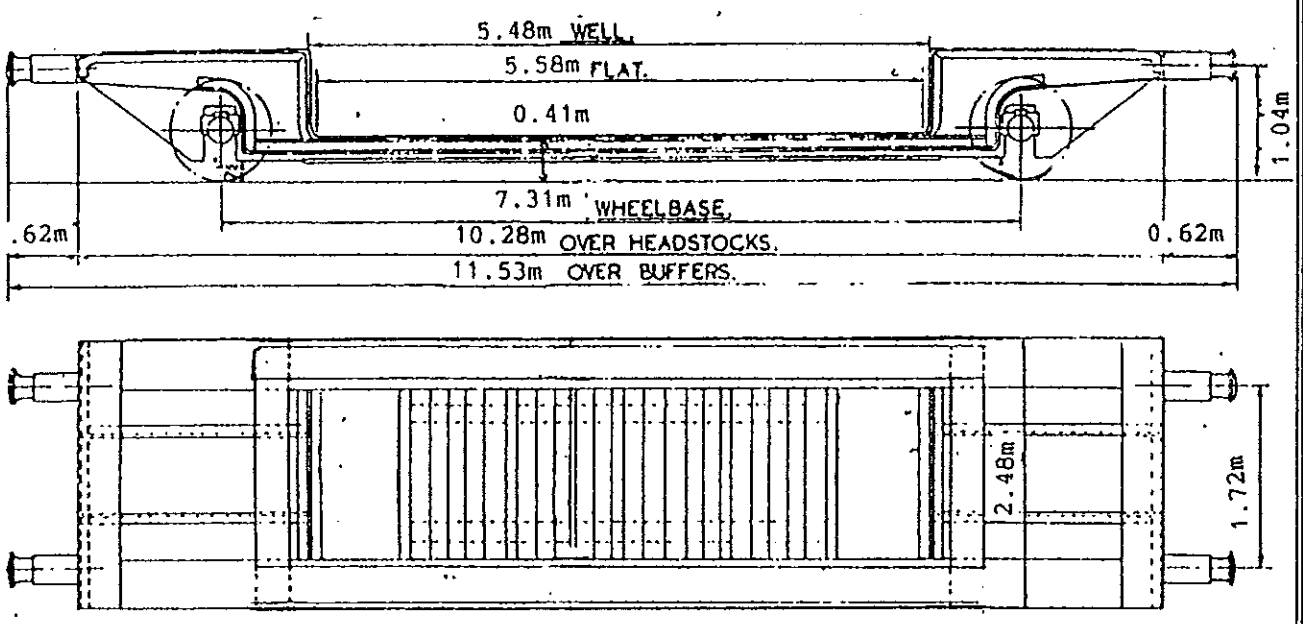
6/ Van types in Pool 5176 vary. ZRA, ZRX, ZSX, VDA

7/ Used by all three Infrastructure Departments (CE, S & T, NEE)

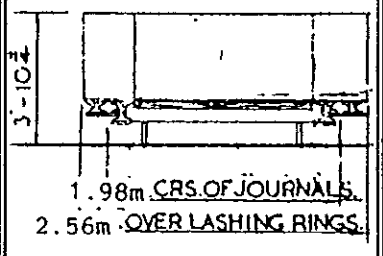
8/ Used throughtout Network SouthEast

9/ Maintained at Ipswich (5176/8781) and Three Bridges (8767)

FLATROL EAC (ZVW)

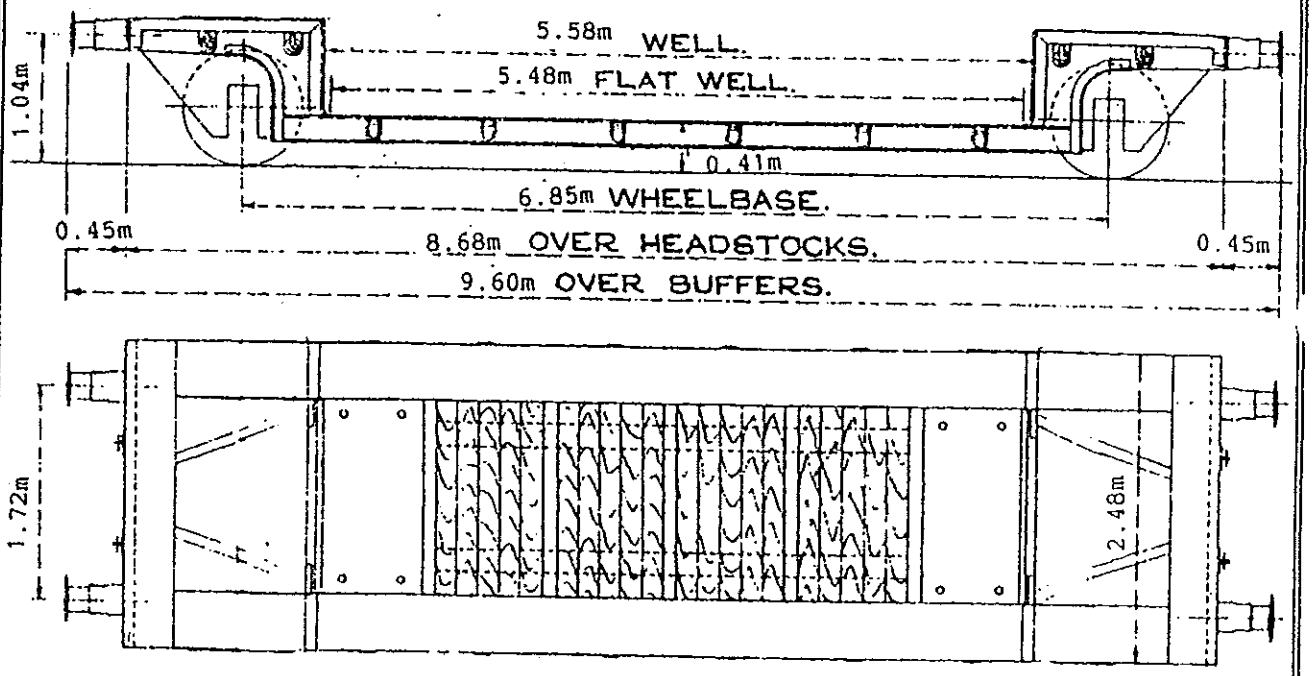


			E	L
WAGON TYPE	Flatrol EAC			
WAGON LENGTH	38ft (11.58m)	WEIGHT (Tonnes)	15	36
WELL LENGTH	18ft 4ins (5.58m)	MAX SPEED	25	25
WAGON WIDTH	8ft 6ins (2.59m)	TRAIN CLASS	8	8
LOAD WIDTH	8ft 2ins (2.48m)	R.A.	1	5
HEIGHT (ARL)	1ft 4 1/2 (0.41m)	BUILT (from)	1959	
CAPACITY	21t			
BRAKE TYPE	Vacuum brake and Air Pipe			
POOL NO.	5164			



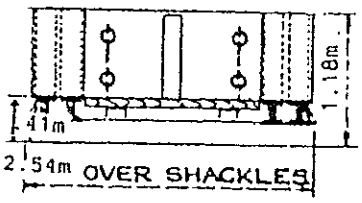
WAGON NO.	KIND	EXCAVATOR	LASER DOZER	AREA USED / COMMENTS	BY
DB 900122	ZVW	YES	YES	NSE (SOUTH)	C.E.
ADB 900109	ZVW	NO	NO	>	N.E.E.
ADB 900113	ZVW	NO	NO	> NSE (SOUTH)	N.E.E.
ADB 900115	ZVW	NO	NO	> Used for conveying Sub Station	N.E.E.
ADB 900118	ZVW	NO	NO	> Modules	N.E.E.
ADB 900119	ZVW	NO	NO	>	N.E.E.
ADB 900120	ZVW	NO	NO	>	N.E.E.

FLATROL EAB (ZVR)



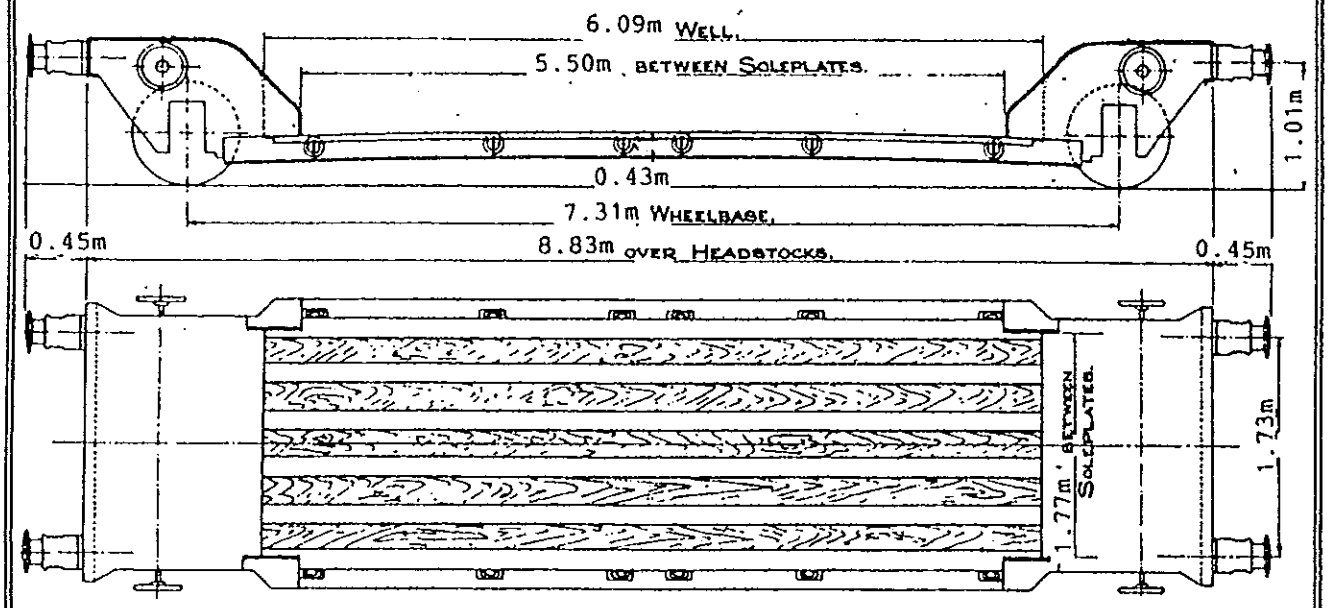
WAGON TYPE	Flatrol EAB
WAGON LENGTH	32ft (9.75m)
WELL LENGTH	18ft 4ins (5.58m)
WAGON WIDTH	8ft 6ins (2.59m)
LOAD WIDTH	8ft 2ins (2.48m)
HEIGHT (ARL)	1ft 4 1/2 (0.41m)
CAPACITY	21t
BRAKE TYPE	Vacuum and Air Pipe
POOL NO.	5164

	E	L
WEIGHT (Tonnes)	13	34
MAX SPEED	25	25
TRAIN CLASS	8	8
R.A.	1	4
BUILT (from)	1955	



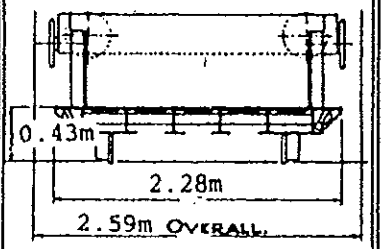
WAGON NO.	KIND	EXCAVATOR	LASER DOZER	AREA USED / COMMENTS	BY
DB 900102	ZVR	NO	NO	NSE (NORTH)	N.E.E.
DB 900106	ZVR	YES	YES	NSE (SOUTH)	C.E.
DE 176329	ZVR	YES	YES	NSE (SOUTH)	C.E.
DE 217319	ZVR	YES	YES	NSE (SOUTH)	C.E.

FLATROL MVV (ZVR/ZXR)



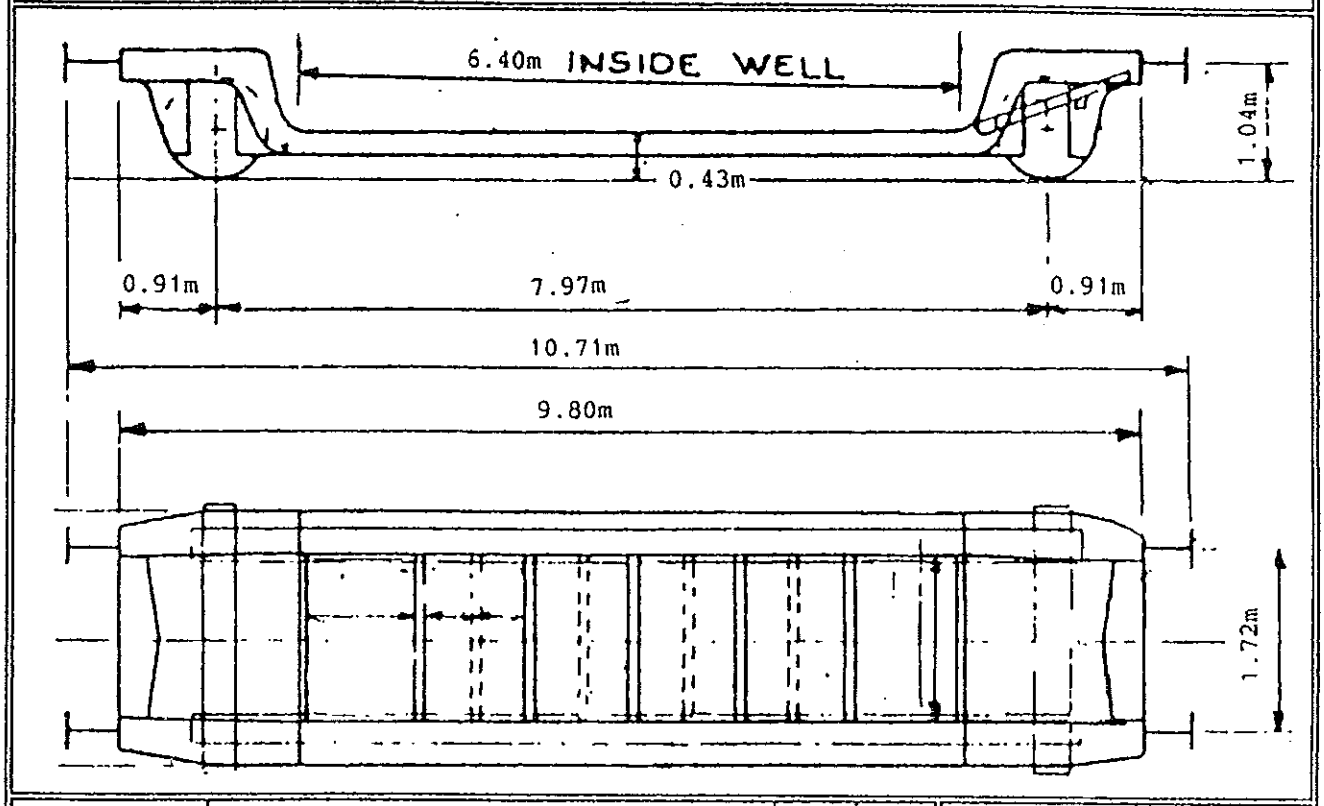
WAGON TYPE	Flatrol MVV
WAGON LENGTH	29ft (8.83M)
WELL LENGTH	18ft (5.48m)
WAGON WIDTH	8ft 6ins (2.59m)
LOAD WIDTH	7ft 6ins (2.28m)
HEIGHT (ARL)	1ft 5ins (0.43m)
CAPACITY	20t
BRAKE TYPE	Vacuum brake and Air Pipe
POOL NO.	5164

	E	L
WEIGHT (Tonnes)	11	31
MAX SPEED	25	25
TRAIN CLASS	8	8
R.A.	1	5
BUILT (from)	1950	



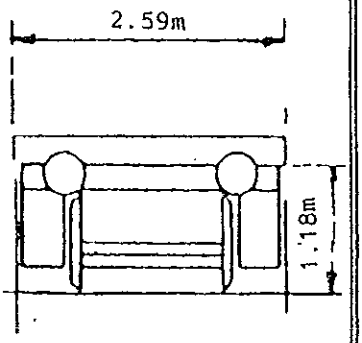
WAGON NO.	KIND	EXCAVATOR	LASER DOZER	AREA USED / COMMENTS	BY
DB 900006	ZVR	YES	YES	NSE (SOUTH)	C.E.
DB 900010	ZVR	YES	YES	NSE (SOUTH)	C.E.
DB 900013	ZVR	YES	YES	NSE (SOUTH)	C.E.
DB 900025	ZVR	YES	YES	NSE (SOUTH)	C.E.
DB 900038	ZVR	YES	YES	NSE (SOUTH)	C.E.
DB 900039	ZVR	YES	YES	NSE (SOUTH)	C.E.
DB 998018	ZVR	YES	YES	NSE (SOUTH)	C.E.

FLATROL SA (ZVR)



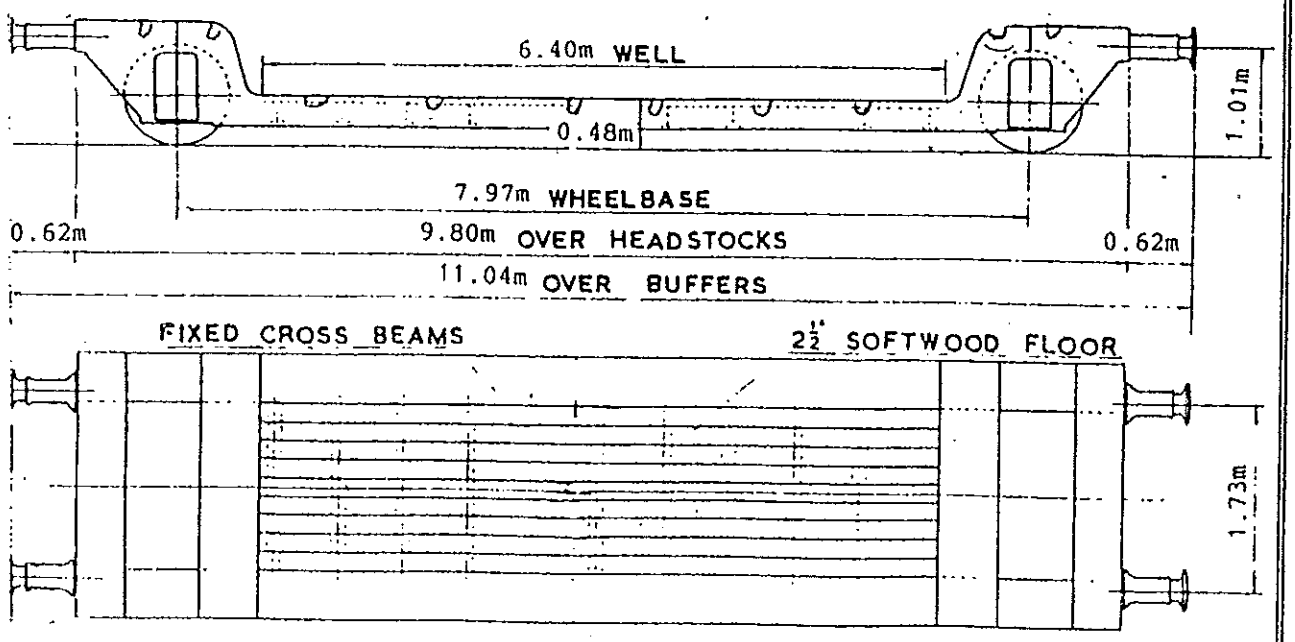
WAGON TYPE	Flatrol SA
WAGON LENGTH	36ft (10.71m)
WELL LENGTH	21ft (6.4m)
WAGON WIDTH	8ft 6ins (2.59m)
LOAD WIDTH	8ft 6ins (2.59m)
HEIGHT (ARL)	1ft 5ins (0.43m)
CAPACITY	20t
BRAKE TYPE	Vacuum and Air Pipe
POOL NO.	5164

	E	L
WEIGHT (Tonnes)	13	33
MAX SPEED	25	25
TRAIN CLASS	8	8
R.A.	1	4
BUILT	1944	



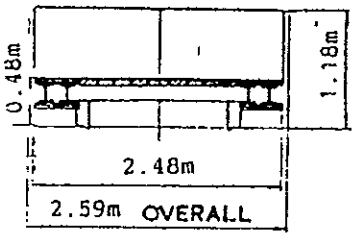
WAGON NO.	KIND	EXCAVATOR	LASER DOZER	AREA USED / COMMENTS	BY
DS 61107	ZVR	YES	YES	NSE (SOUTH)	C.E.

FLATROL SB (ZVR)



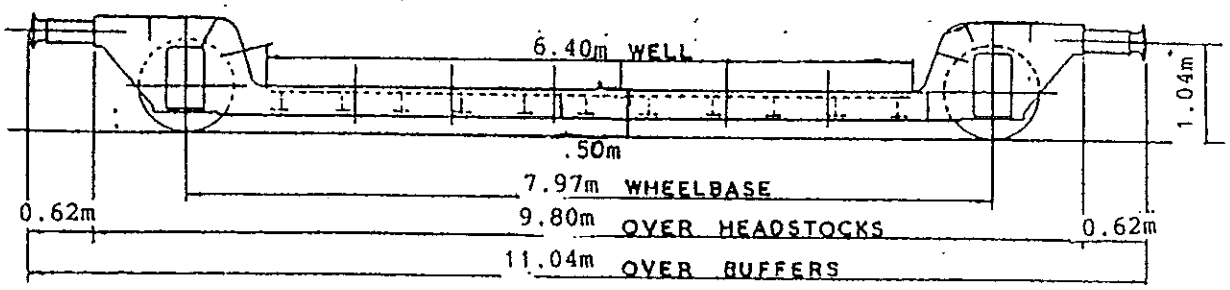
WAGON TYPE	Flatrol SB
WAGON LENGTH	36ft (10.97m)
WELL LENGTH	21ft (6.4m)
WAGON WIDTH	8ft 6ins (2.59m)
LOAD WIDTH	8ft 2ins (2.48m)
HEIGHT (ARL)	1ft 7ins (0.48m)
CAPACITY	20t
BRAKE TYPE	Vacuum and Air Pipe
POOL NO.	5164

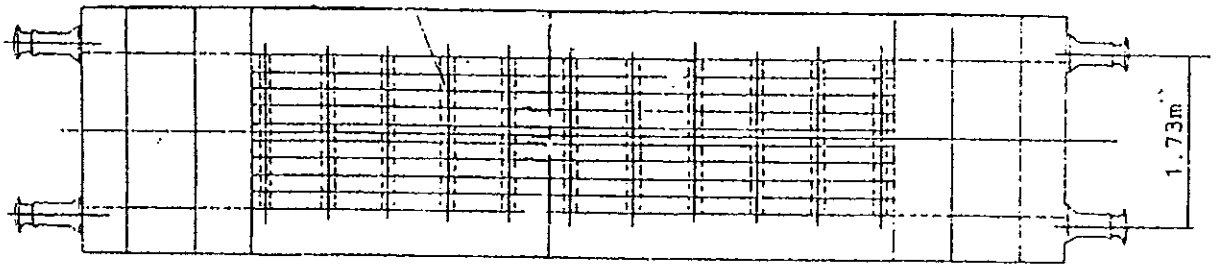
	E	L
WEIGHT (Tonnes)	15	35
MAX SPEED	25	25
TRAIN CLASS	8	8
R.A.	1	4
BUILT (from)	1958	



WAGON NO.	KIND	EXCAVATOR	LASER DOZER	AREA USED / COMMENTS	BY
DB 900027	ZVR	YES	YES	NSE (SOUTH)	C.E.
DB 900030	ZVR	YES	YES	NSE (SOUTH)	C.E.
DB 900032	ZVR	YES	YES	NSE (SOUTH)	C.E.
DB 900033	ZVR	YES	YES	NSE (SOUTH)	C.E.
DB 900034	ZVR	YES	YES	NSE (SOUTH)	C.E.
DB 900035	ZVR	YES	YES	NSE (SOUTH)	C.E.
DB 900036	ZVR	YES	YES	NSE (SOUTH)	C.E.
DB 998006	ZVR	YES	YES	NSE (SOUTH)	C.E.

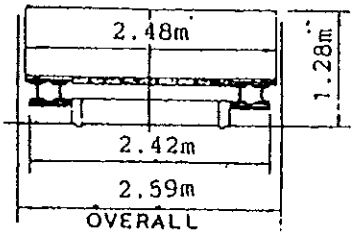
FLATROL SBC (ZVR)





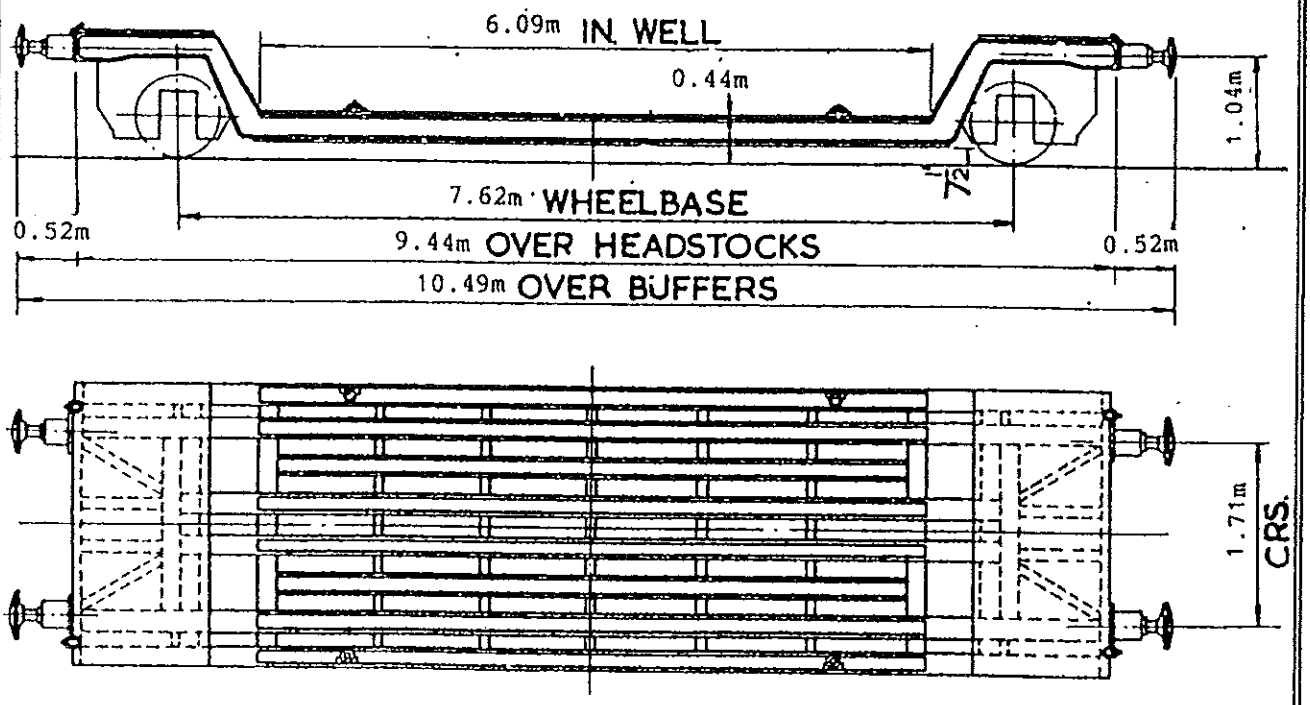
WAGON TYPE	Flatrol SB
WAGON LENGTH	36ft (10.97m)
WELL LENGTH	21ft (6.4m)
WAGON WIDTH	8ft 6ins (2.59m)
LOAD WIDTH	8ft 2ins (2.48m)
HEIGHT (ARL)	1ft 8ins (0.50m)
CAPACITY	20t
BRAKE TYPE	Vacuum and Air Pipe
POOL NO.	5164

	E	L
WEIGHT (Tonnes)	15	35
MAX SPEED	25	25
TRAIN CLASS	8	8
R.A.	1	4
BUILT	1958	



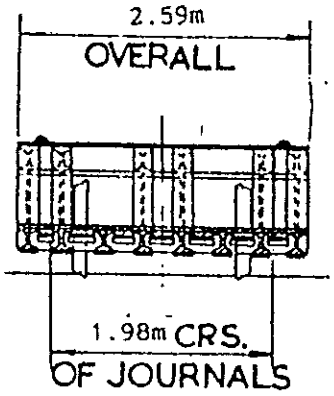
WAGON NO.	KIND	EXCAVATOR	LASER DOZER	AREA USED / COMMENTS	BY
DB 900028	ZVR	YES	YES	NSE (SOUTH)	C.E.

FLATROL WW (ZVR)



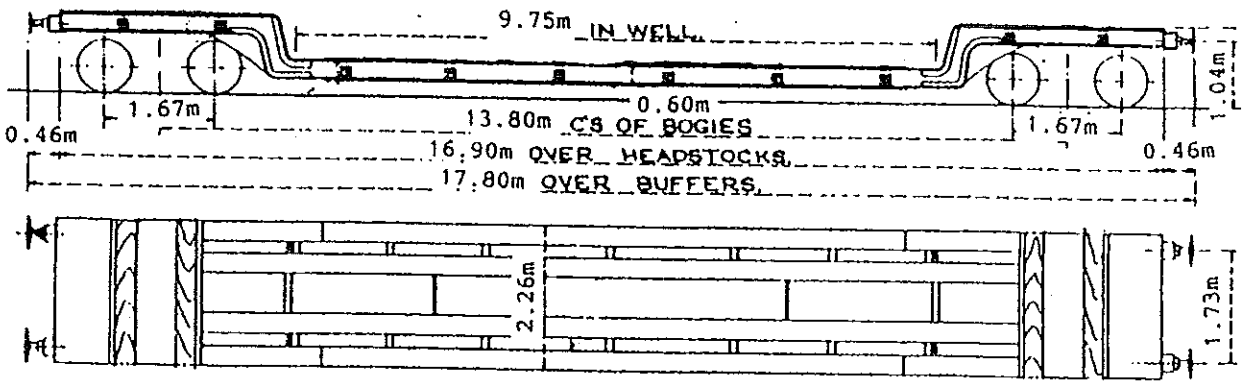
WAGON TYPE	Flatrol WW
WAGON LENGTH	35ft (10.66m)
WELL LENGTH	20ft (6.09m)
WAGON WIDTH	8ft 6ins (2.59m)
LOAD WIDTH	8ft 6ins (2.59m)
HEIGHT (ARL)	1ft 5 1/4 (0.43m)
CAPACITY	20t
BRAKE TYPE	Vacuum and Air Pipe
POOL NO.	5164

	E	L
WEIGHT (Tonnes)	11	31
MAX SPEED	25	25
TRAIN CLASS	8	8
R.A.	1	4
BUILT (from)	1959	



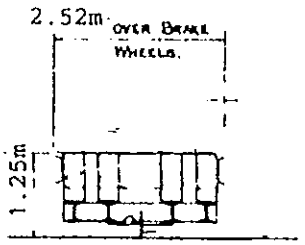
WAGON NO.	KIND	EXCAVATOR	LASER DOZER	AREA USED / COMMENTS	BY
DB 900044	ZVR	YES	YES	NSE (SOUTH)	C.E.
DB 900045	ZVR	YES	YES	NSE (SOUTH)	C.E.
DB 900047	ZVR	YES	YES	NSE (SOUTH)	C.E.
DB 998014	ZVR	YES	YES	NSE (SOUTH)	C.E.

FLATROL EZ (YXR)



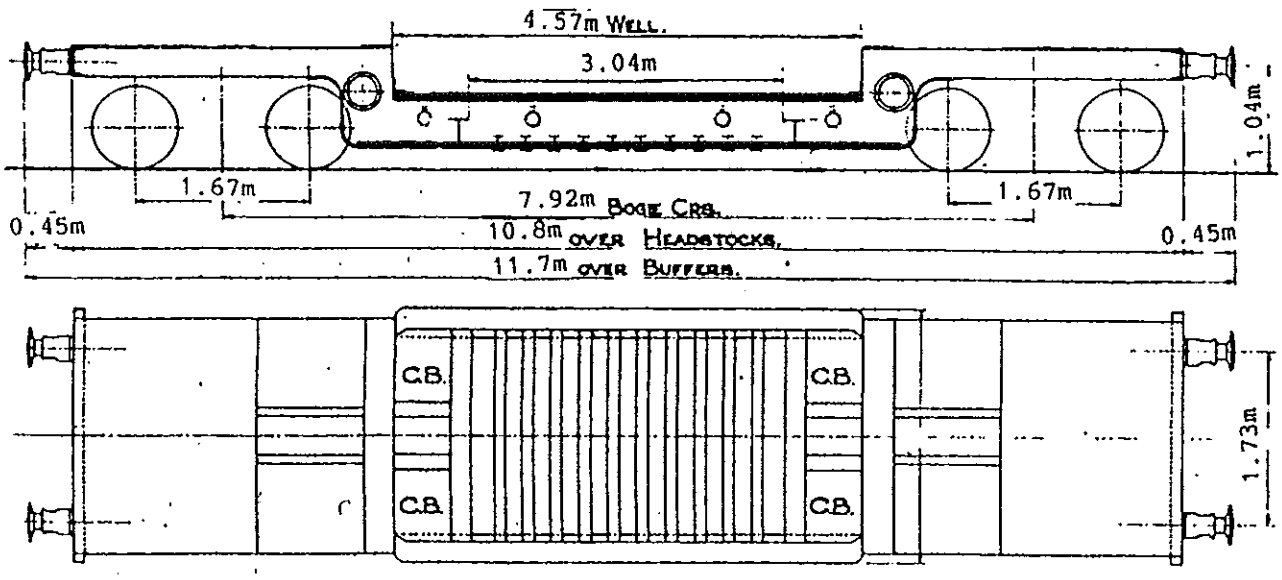
WAGON TYPE	Flatrol EZ
WAGON LENGTH	59ft (17.98m)
WELL LENGTH	32ft (9.75m)
WAGON WIDTH	8ft 3ins (2.51m)
LOAD WIDTH	7ft 5ins (2.26m)
HEIGHT (ARL)	2ft (0.61m)
CAPACITY	50t
BRAKE TYPE	Vacuum and Air Pipe
POOL NO.	5312

	E	L
WEIGHT (Tonnes)	36	87
MAX SPEED	45	25
TRAIN CLASS	7	8
R.A.	1	9
BUILT (from)	1951	

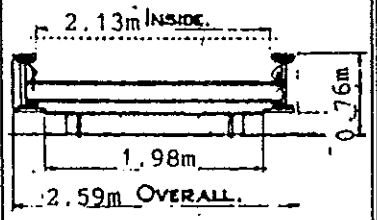


WAGON NO.	KIND	EXCAVATOR	LASER DOZER	AREA USED / COMMENTS	BY
DB 900500	YXR	NO	YES	NSE (NORTH)	C.E.

WELTROL MV (YRR)

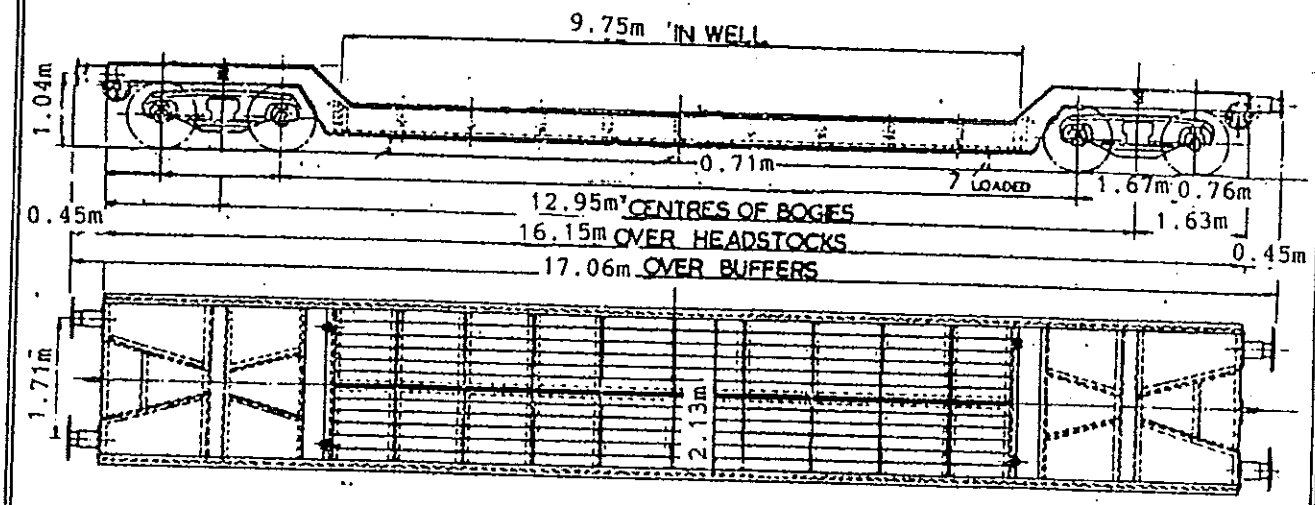


			E	L
WAGON TYPE	Weltrol MV			
WAGON LENGTH	39ft (11.88m)	WEIGHT (Tonnes)	21	61
WELL LENGTH	15ft (4.57m)	MAX SPEED	45	40
WAGON WIDTH	8ft 7ins (2.61m)	TRAIN CLASS	7	7
LOAD WIDTH	7ft (2.13m)	R.A.	1	4
HEIGHT (ARL)	1ft 8 1/2ins (0.52m)	BUILT (from)	1960	
CAPACITY	40t			
BRAKE TYPE	Vacuum and Air Pipe (YRR). Vacuum pipe (YRP)			
POOL NO.	8765			



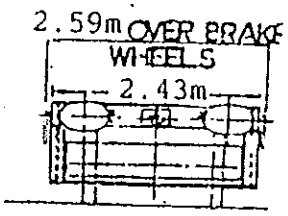
WAGON NO.	KIND	EXCAVATOR	LASER DOZER	AREA USED / COMMENTS	BY
ADB 901022	YRR	NO	NO	NSE (SOUTH)	N.E.E.
ADB 901023	YRR	NO	NO	Used for conveying Transformers	N.E.E.
ADB 901025	YRP	NO	NO		N.E.E.

WELTROL WP (YXR)



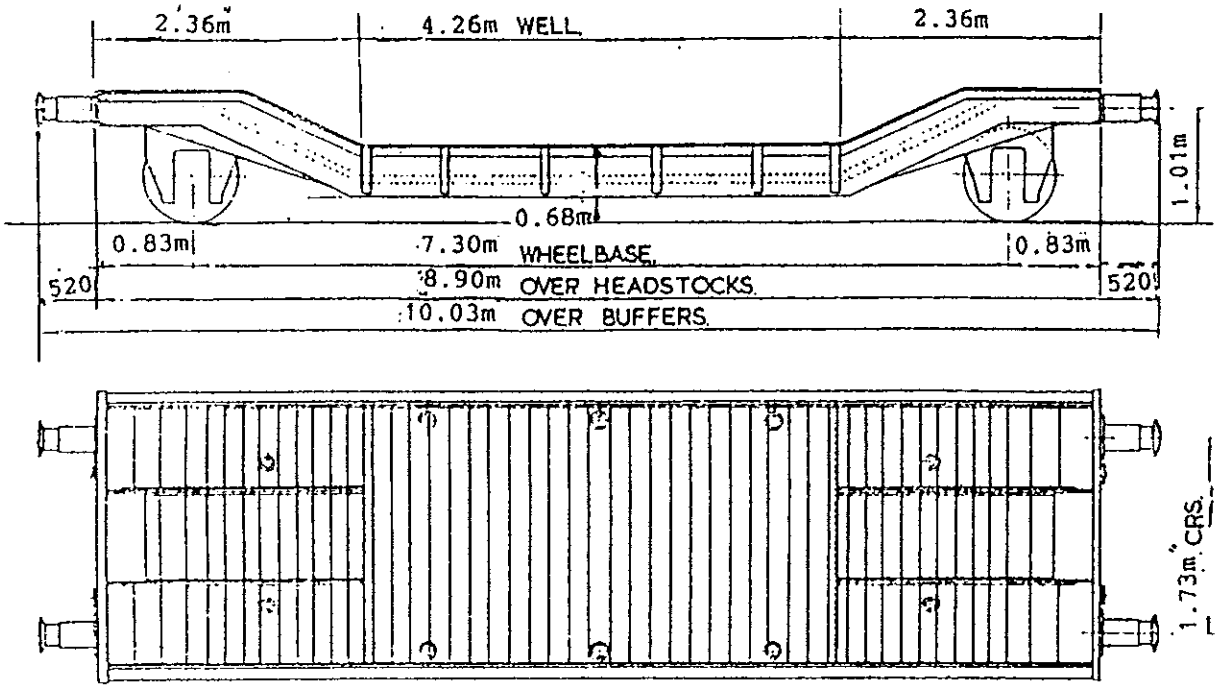
WAGON TYPE	Weltrol WP
WAGON LENGTH	56ft (17.06m)
WELL LENGTH	32ft (9.75m)
WAGON WIDTH	8ft (2.43m)
LOAD WIDTH	7ft (2.13m)
HEIGHT (ARL)	2ft 4 1/4 (0.71m)
CAPACITY	25t
BRAKE TYPE	Vacuum and Air Pipe
POOL NO.	5312

	E	L
WEIGHT (Tonnes)	20	45
MAX SPEED	45	40
TRAIN CLASS	7	7
R.A.	1	1
BUILT (from)	1960	

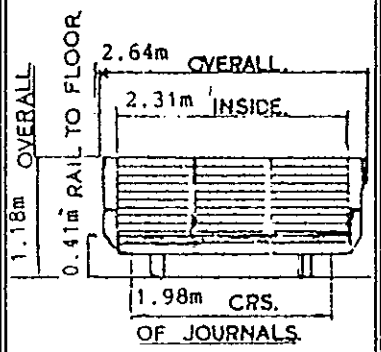


WAGON NO.	KIND	EXCAVATOR	LASER DOZER	AREA USED / COMMENTS	BY
KDB 900936	YXR	NO	NO	NSE (NORTH) Suitable for loading small scrap items.	C.E.
ADB 901152 (WU)	YRR	NO	NO		N.E.E.

LOWMAC EO (ZRV)

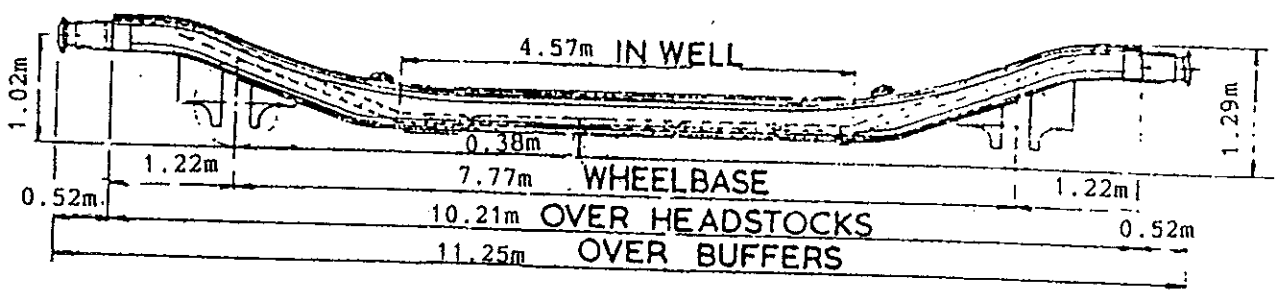


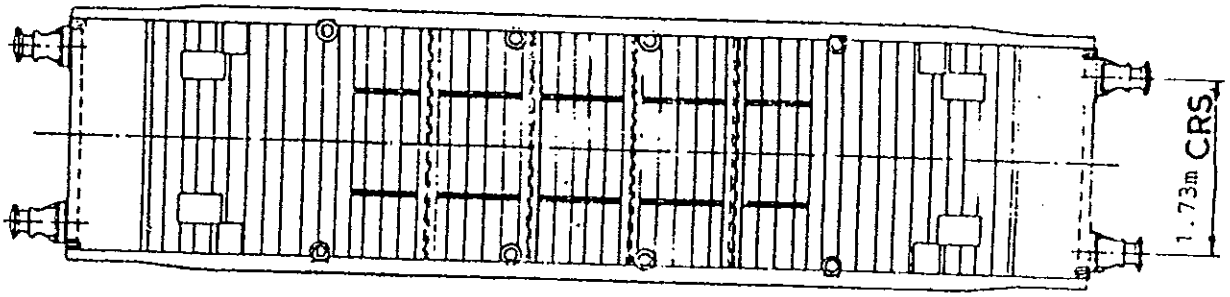
			E	L
WAGON TYPE	Lowmac EO			
WAGON LENGTH	33ft (10.05m)	WEIGHT (Tonnes)	11.8	34.3
WELL LENGTH	14ft (4.26m)	MAX SPEED	45	45
WAGON WIDTH	8ft 7ins (2.61m)	TRAIN CLASS	7	7
LOAD WIDTH	8ft 6ins (2.59m)	R.A.	1	4
HEIGHT (ARL)	1ft 4 1/2 (0.41m)	BUILT	1957	
CAPACITY	22.5t			
BRAKE TYPE	Vacuum			
POOL NO.	8765			



WAGON NO.	KIND	EXCAVATOR	LASER DOZER	AREA USED / COMMENTS	BY
ADB 904122	ZRV	NO	NO	NSE (SOUTH) Used for conveying Transformers	N.E.E.

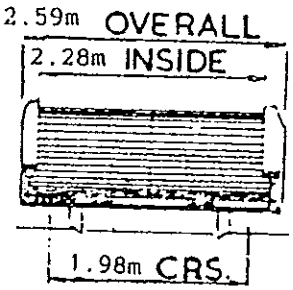
LOWMAC MU (ZXW)





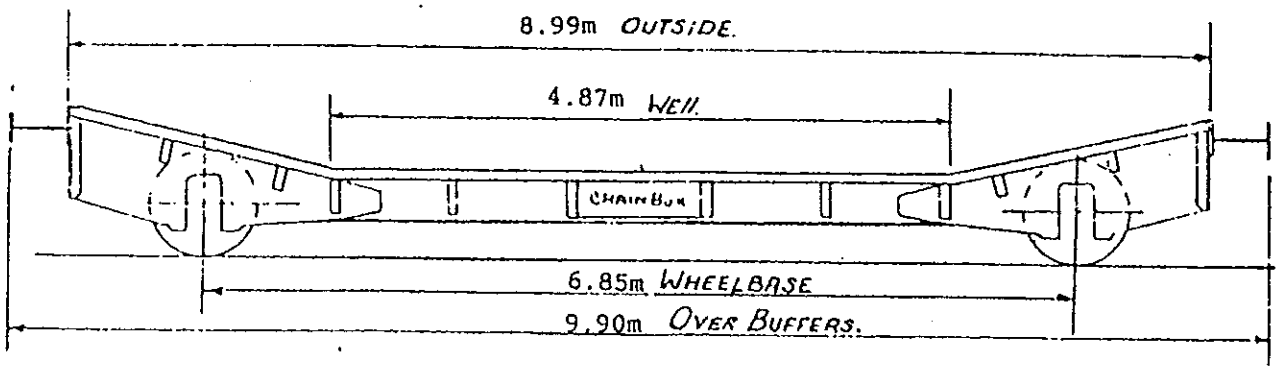
WAGON TYPE	Lowmac MU
WAGON LENGTH	37ft (11.27m)
WELL LENGTH	15ft (4.57m)
WAGON WIDTH	8ft 6ins (2.59m)
LOAD WIDTH	7ft 6ins (2.28m)
HEIGHT (ARL)	1ft 3 1/4 (0.38m)
CAPACITY	20t
BRAKE TYPE	Vacuum brake, Air pipe
POOL NO.	5312

	E	L
WEIGHT (Tonnes)	13	33
MAX SPEED	45	25
TRAIN CLASS	7	8
R.A.	1	4
BUILT	1958	



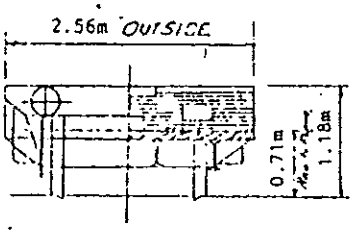
WAGON NO.	KIND	EXCAVATOR	LASER DOZER	AREA USED / COMMENTS	BY
DB 904129	ZXW	YES	YES	NSE (NORTH) Floor height has been raised to top of solebar	C.E.

LOWMAC SD (ZXQ)



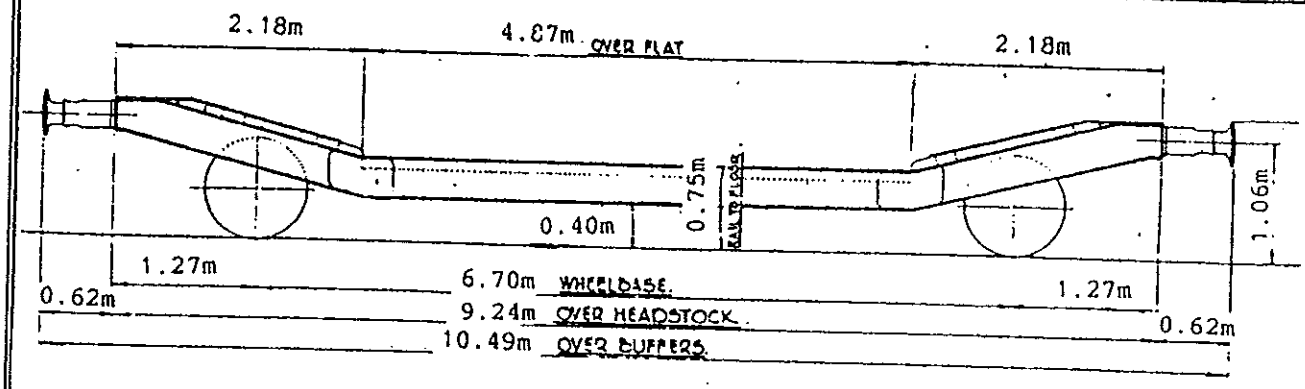
WAGON TYPE	Lowmac SD
WAGON LENGTH	33ft (10.05m)
WELL LENGTH	16ft (4.87m)
WAGON WIDTH	8ft 6ins (2.59m)
LOAD WIDTH	8ft 2ins (2.48m)
HEIGHT (ARL)	2ft 4ins (0.71m)
CAPACITY	20t
BRAKE TYPE	Air Pipe
POOL NO.	5164

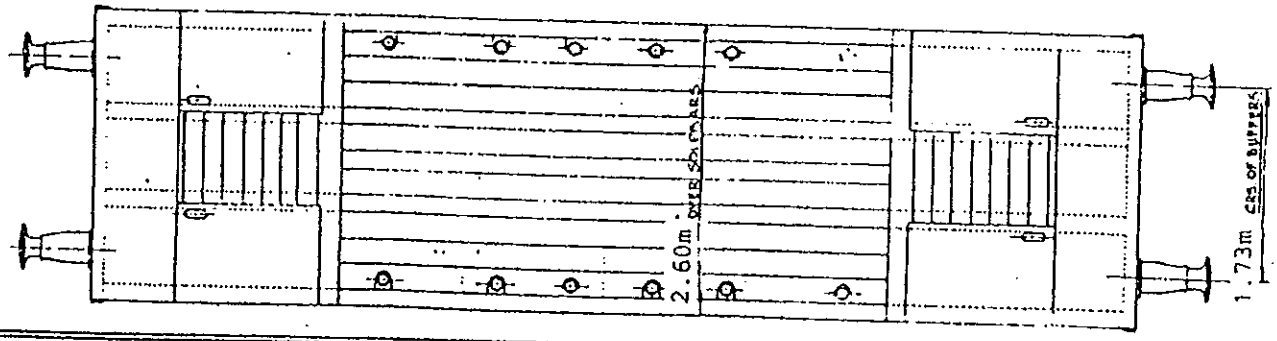
	E	L
WEIGHT (Tonnes)	9	29
MAX SPEED	25	25
TRAIN CLASS	8	8
R.A.	1	2
BUILT	1928	



WAGON NO.	KIND	EXCAVATOR	LASER DOZER	AREA USED / COMMENTS	BY
DS 61098	ZXQ	NO	YES	NSE (SOUTH)	C.E.

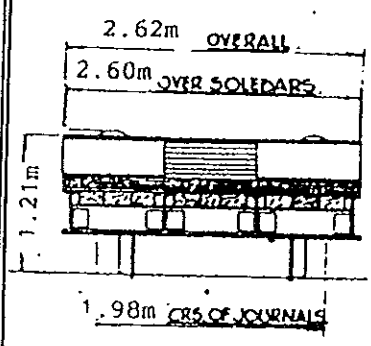
LOWMAC EP/SC/SF (ZVW/ZXV/ZXW)





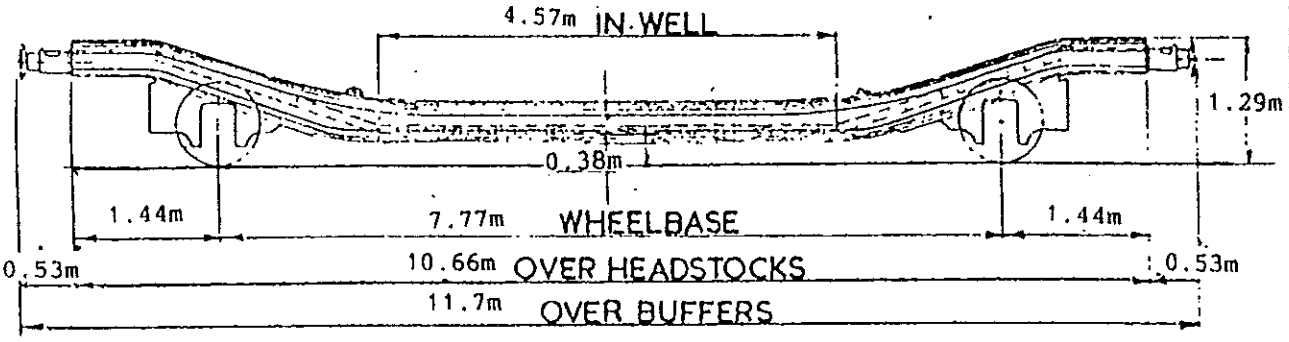
WAGON TYPE	Lowmac EP, SC, SF
WAGON LENGTH	34ft (10.36m)
WELL LENGTH	16ft (4.87m)
WAGON WIDTH	8ft 7ins (2.61m)
LOAD WIDTH	8ft 6ins (2.59m)
HEIGHT (ARL)	2ft 5 3/4 (0.75m)
CAPACITY	25t
BRAKE TYPE	Vacuum brake, Air Pipe (ZVX/ZXW). Vacuum (ZXV)
POOL NO.	5164

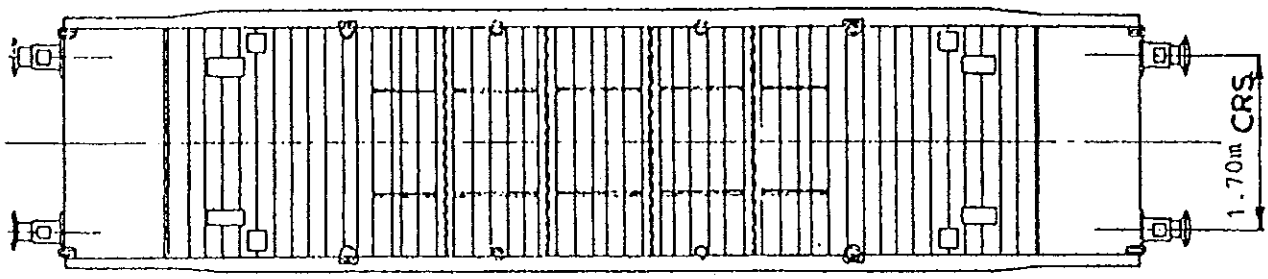
	E	L
WEIGHT (Tonnes)	14	39
MAX SPEED	45	25
TRAIN CLASS	7	8
R.A.	1	6
BUILT (from)	1956	



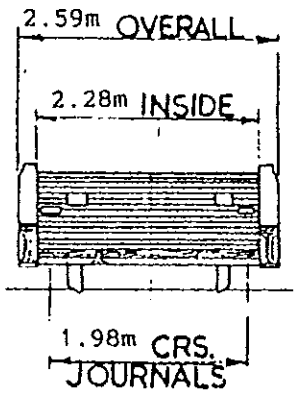
WAGON NO.	KIND	EXCAVATOR	LASER DOZER	AREA USED / COMMENTS	BY
SF					
ADB 904638	ZVW	NO	YES	NSE (SOUTH)	C.E.
DB 904639	ZVW	NO	YES	NSE (SOUTH)	C.E.
DB 904640	ZVW	NO	YES	NSE (SOUTH)	C.E.
EP					
DB 904500	ZXW	NO	YES	NSE (SOUTH)	C.E.
DB 904508	ZXV	NO	YES	NSE (SOUTH)	C.E
DE 260848	ZXW	NO	YES	NSE (SOUTH)	C.E.
DE 278505	ZXW	NO	YES	NSE (SOUTH)	C.E.
SC					
ADB 904532	ZVW	NO	YES	NSE (SOUTH)	C.E.
ADB 904534	ZVW	NO	YES	NSE (SOUTH)	C.E.

LOWMAC SG (ZVW)



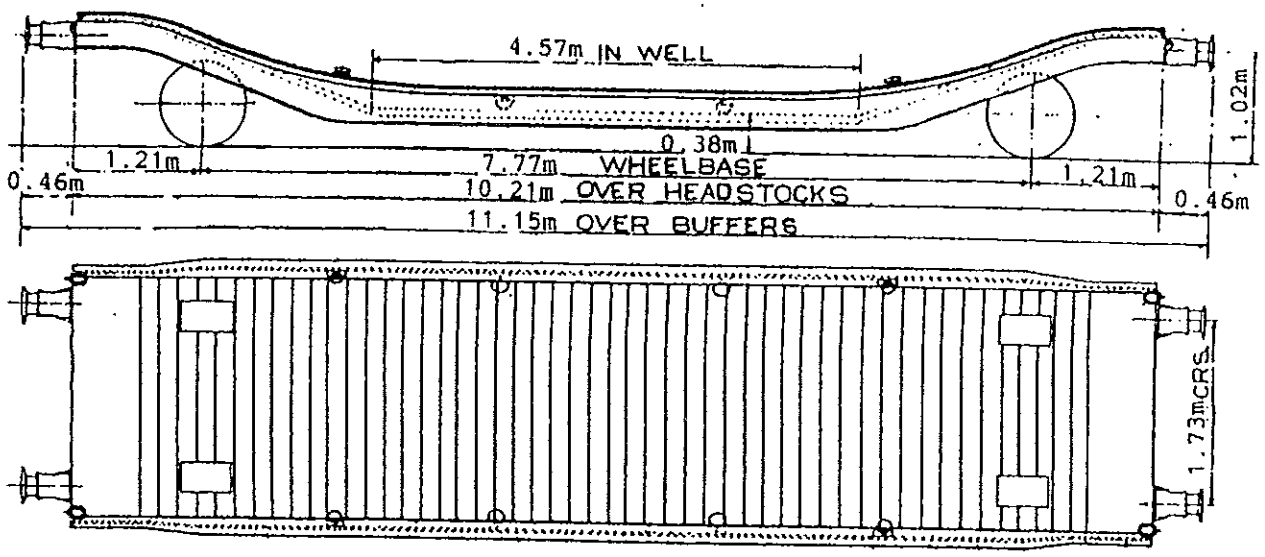


			E	L
WAGON TYPE	Lowmac SG			
WAGON LENGTH	39ft (11.88m)	WEIGHT (Tonnes)	13	33
WELL LENGTH	15ft (4.57m)	MAX SPEED	45	25
WAGON WIDTH	8ft 6ins (2.59m)	TRAIN CLASS	7	8
LOAD WIDTH	7ft 6ins (2.28m)	R.A.	1	4
HEIGHT (ARL)	1ft 11ins (0.58m)	BUILT	1959	
CAPACITY	20t			
BRAKE TYPE	Vacuum brake, Air Pipe			
POOL NO.	5312			



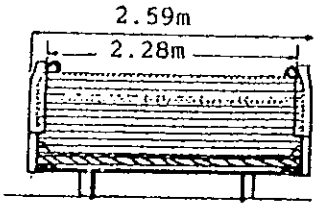
WAGON NO.	KIND	EXCAVATOR	LASER DOZER	AREA USED / COMMENTS	BY
DB 904141	ZVW	YES	YES	NSE (NORTH)	C.E.
DB 904142	ZVW	YES	YES	NSE (NORTH)	C.E.
DB904135	ZRV	NO	NO	Floor height has been raised to top of solebar. NSE (SOUTH) USED FOR CONVEYING TRANSFORMERS. NEE POOL 8765	

LOWMAC WW (ZRP/ZVW)



WAGON TYPE	Lowmac WW
WAGON LENGTH	37ft (11.27m)
WELL LENGTH	15ft (4.57m)
WAGON WIDTH	8ft 6ins (2.59m)
LOAD WIDTH	7ft 6ins (2.28m)
HEIGHT (ARL)	1ft 9ins (0.53m)
CAPACITY	20t
BRAKE TYPE	Vacuum brake, Air pipe (ZVW). Vacuum pipe (ZRP)
POOL NO.	5312 (DB 904103) 8765 (ADW 42345)

	E	L
WEIGHT (Tonnes)	12	32
MAX SPEED	45	25
TRAIN CLASS	7	8
R.A.	1	3
BUILT (from)	1954	



WAGON NO.	KIND	EXCAVATOR	LASER DOZER	AREA USED / COMMENTS	BY
DB 904103	ZVW	YES	YES	NSE (NORTH) Floor height has been raised to top of solebar	C.E.
ADW 42345	ZRP	NO	NO	NSE (SOUTH) Used for conveying Transformers	N.E.E.

HAP CRANE (YXR)

WAGON TYPE	Weltrol fitted with Crane		E	L	FEATURES
WAGON LENGTH	56ft (17.06m)	WEIGHT (Tonnes)	19.3	44.8	Used for picking up small items of scrap material (ie Rail, Sleepers)
CAPACITY	25.5t	MAX SPEED (MPH)	45	40	
BRAKE TYPE	Air & Vacuum pipe	TRAIN CLASS	7	7	Conveyed in well of wagon
No. IN FLEET	1	R.A.	1	1	Can lift up to 1 tonne.
POOL No.	7300	BRAKE FORCE	-	-	Requires three brakeforce wagons either side.
No. RANGE	DB 900927	BUILT	1960		

TUNNEL INSPECTION TRAIN (QPW/QXW)

WAGON TYPE	Tunnel Inspection Train	DB 975663 (QXW)	E	L	DS 70164	E	L
WAGON LENGTH	54ft (16.4m) QXW 61ft (18.59m) QPW	WEIGHT (Tonnes)	24.5	24.5	WEIGHT(Tonnes)	28	28
		MAX SPEED (MPH)	90	90	MAX SPEED(mph)	50	50
BRAKE TYPE	Vacuum brake, Air pipe	TRAIN CLASS	6	6	TRAIN CLASS	6	6
No. IN FLEET	1	R.A.	1	1	R.A.	1	1
POOL No.	5172	BRAKE FORCE	V07	V07	BRAKE FORCE	V10	V10
No. RANGE	DB 975663, DS 70164	BUILT	1938			1931	

OIL TANK (ZRW)

WAGON TYPE	Transformer Oil Tank		E	L	FEATURES
WAGON LENGTH	28ft (8.53m)	WEIGHT (Tonnes)	13	35.5	Used for conveying transformer oil.
CAPACITY	22.5t	MAX SPEED (MPH)	45	60	Based at Horsham Depot.
BRAKE TYPE	Vacuum Brake, Air pipe	TRAIN CLASS	7	6	
No IN FLEET	2	R.A.	1	4	
POOL No.	8767	BRAKE FORCE	V16	V16	
No. RANGE	ADB 999030, 999073	BUILT	1958		

SKAKO GENERATOR VAN (ZXA)

			E	L	FEATURES
WAGON TYPE	Generator Van				
WAGON LENGTH	37ft (11.25m)	WEIGHT (Tonnes)	24.5	24.5	Provides power to the lighting and conveyor system on the Skako train.
CAPACITY	-	MAX SPEED (MPH)	75	75	
BRAKE TYPE	Air	TRAIN CLASS	6	6	
No. IN FLEET	1	R.A.	1	1	Former VDA van.
POOL No.	-	BRAKE FORCE	A13	A13	Used on the South Eastern Division.
No. RANGE	DC 210306	RE-BUILT	1992		Painted Yellow.

OCTOPUS (YDA)

			E	L	FEATURES
WAGON TYPE	Skako Wagon (Octopus)				
WAGON LENGTH	48ft (14.46m)	WEIGHT (Tonnes)	26	90	Forms part of the Skako Train, consisting of 10 Octopus wagons and one ZXA Generator van.
CAPACITY	64t	MAX SPEED (MPH)	60	60	
BRAKE TYPE	Air	TRAIN CLASS	6	6	
No. IN FLEET	10	R.A.	1	9	Discharges ballast via a conveyor and chute on each wagon.
POOL No.	-	BRAKE FORCE	A06	A24	
No. RANGE	DR 92213 - DR 92222	BUILT	1992		Used on the South Eastern Division. Painted Yellow.

GUAGING VAN (QXW)

			E	L	FEATURES
WAGON TYPE	Structure Guaging Van				
WAGON LENGTH	40ft (12.10m)	WEIGHT (Tonnes)	16.3	25.8	Used for testing the guage of structures, such as bridges and tunnels.
CAPACITY	9.5t	MAX SPEED (MPH)	50	500	
BRAKE TYPE	Vacuum Brake, Air pipe	TRAIN CLASS	6	6	
No IN FLEET	1	R.A.	1	1	
POOL No.	8767	BRAKE FORCE	V06	V06	
No. RANGE	DB 975807	BUILT	1979		

INTERNAL USER WAGONS

ISLE OF WIGHT

TYPE	CAR KIND	WAGON NUMBER
RUNNER WAGON	ZDP	DB 453255
RAIL CARRIER (GEISMAR)	QXP	DS 70000
RUNNER WAGON	ZDP	DB 452219
BRAKE VAN	ZTO	DS 55724
FLATROL	ZRV	DW 100715
LOWMAC	ZVV	DE 263276
LOWMAC	ZVV	DE 263289
13t OPEN WAGON	ZAV	DB 460239
13t OPEN WAGON	ZAV	DB 461225
DOGFISH	ZFV	DB 992730
DOGFISH	ZFV	DB 993598
DOGFISH	ZFV	DB 983247

These wagons are maintained at Ryde St John's Road

TATTENHAM CORNER

FERRY VAN	ZSX	DB 786977
MARLIN	YKA	DB 975514
TURBOT	YCV	DB 978059
GRAMPUS	ZBV	DB 991391
SALMON	YMA	DB 996437
BREAM	ZEA	DC 200938
BRILL	YAA	DC 950847
FLATROL	ZVR	083630
STURGEON	YBA	083629

These wagons are used by the N.S.E. training school at Tattenham Corner

IPSWICH WHERSTEAD ROAD

VAN	ZRX	KDB 786886
VAN	ZRX	KDB 786924
VAN	ZRX	KDB 786993
VAN	ZRX	KDB 787189

These wagons are used for storage by the Signal and Telecommunications Department

ASHFORD PLANT

CONFLAT	083559
CONFLAT	083560
LOWMAC	083568
TANKER	083577
FLAT	083625
FLAT	083626

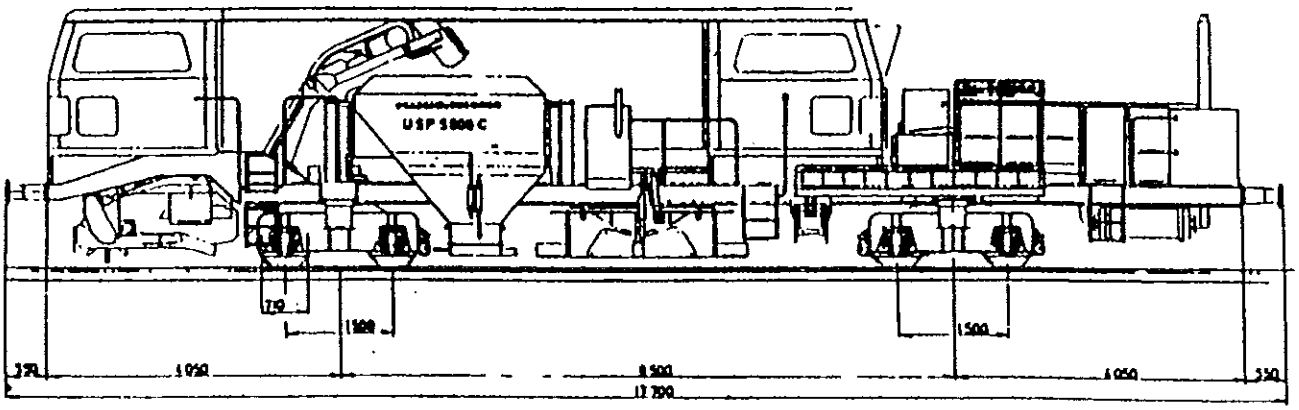
The allocations and maintenance of all Plant (except Long Welded Rail Trains) within Network SouthEast is dealt with by the respective Plant Managers based at Ashford (SE), Three Bridges (SC), Woking (SW) and Stratford (GE).

Apart from the allocation at the Annual Plan stage, the Infrastructure Resources Organisation at Euston deals only with Plant movements.

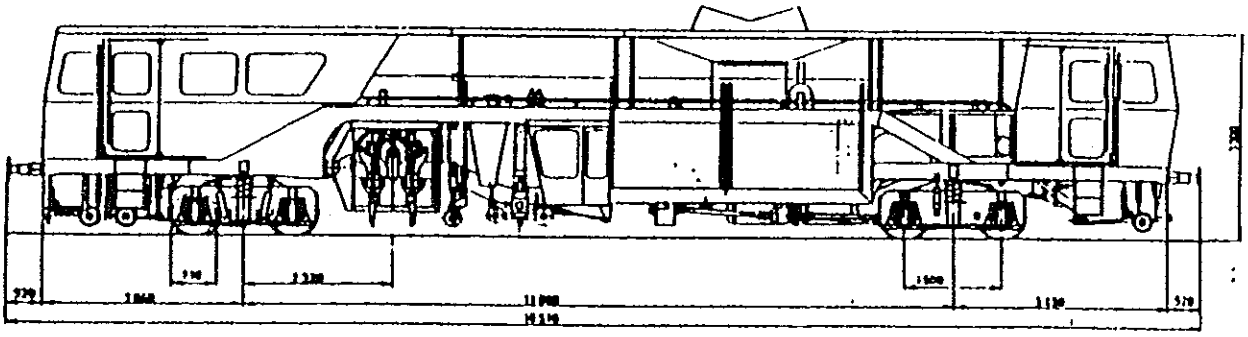
TAMPER/REGULATOR/D.T.S/TRAMM

MACHINE	MAKE	TYPE	NUMBER	BUILT	DIVISION
Plain Line Tamper	(Plasser)	07-16	73249	1978	SE
Plain Line Tamper	(Plasser)	07-16	73259	1978	SE
Plain Line Tamper	(Plasser)	07-16	73273	1978	SE
Plain Line Tamper	(Plasser)	07-16	73278	1978	SE
Plain Line Tamper	(Plasser)	07-16	73279	1978	SE
S & C Tamper	(Plasser)	07-275	73311	1978	SE
S & C Tamper	(Plasser)	08-275	75201	1990	SE
S & C Tamper	(Plasser)	08-275	75202	1990	SE
Ballast Regulator	(Plasser)	USP5000C	77316	1981	SE
Dynamic Track Stabiliser	(Plasser)	62N	72212		SE
Tramm	(Plasser)	MK3	DR98207	1985	SE
Tramm	(Plasser)	MK8 5	DR98217	1988	SE
Tramm	(Plasser)	MK8 5	DR98218	1988	SE
Plain Line Tamper	(Plasser)	07-16	73251	1978	SC
Plain Line Tamper	(Plasser)	07-16	73257	1978	SC
Plain Line Tamper	(Plasser)	07-16	73263	1978	SC
S & C Tamper	(Plasser)	07-275	73313	1981	SC
Ballast Regulator	(Plasser)	USP5000C	77336	1985	SC
Dynamic Track Stabiliser	(Plasser)	62N	72211		SC
Tramm	(Plasser)	MK3	DR98209	1985	SC
Tramm	(Plasser)	MK8 5	DR98215	1988	SC
Tramm	(Plasser)	MK8 5	DR98219	1988	SC
Plain Line Tamper	(Plasser)	07-16	73246	1978	SW
Plain Line Tamper	(Plasser)	07-16	73261	1978	SW
Plain Line Tamper	(Plasser)	07-16	73276	1978	SW
S & C Tamper	(Plasser)	07-275	73308	1978	SW
Ballast Regulator	(Plasser)	USP5000C	77315	1981	SW
Tramm	(Plasser)	MK3	DR98211	1985	SW
Tramm	(Plasser)	MK8 5	DR98216	1988	SW
Tramm	(Plasser)	MK8 5	DR98220	1988	SW
Plain Line Tamper	(Plasser)	07-16	73247	1977	NSE(N)
Plain Line Tamper	(Plasser)	07-32	73424	1978	NSE(N)
Plain Line Tamper	(Plasser)	07-32	73430	1978	NSE(N)
Plain Line Tamper	(Plasser)	07-32	73434	1978	NSE(N)
S & C Tamper	(Plasser)	07-275	73316	1983	NSE(N)
S & C Tamper	(Plasser)	07-275	73318	1984	NSE(N)
Ballast Regulator	(Plasser)	USP5000C	77322	1983	NSE(N)
Dynamic Track Stabiliser	(Plasser)	62N	72213		NSE(N)

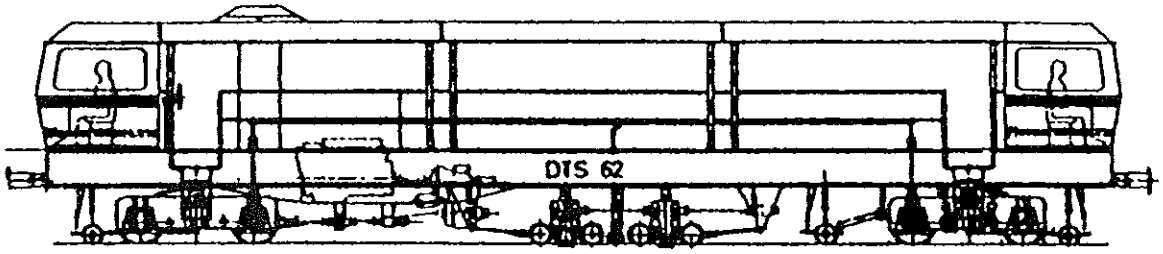
BALLAST REGULATOR



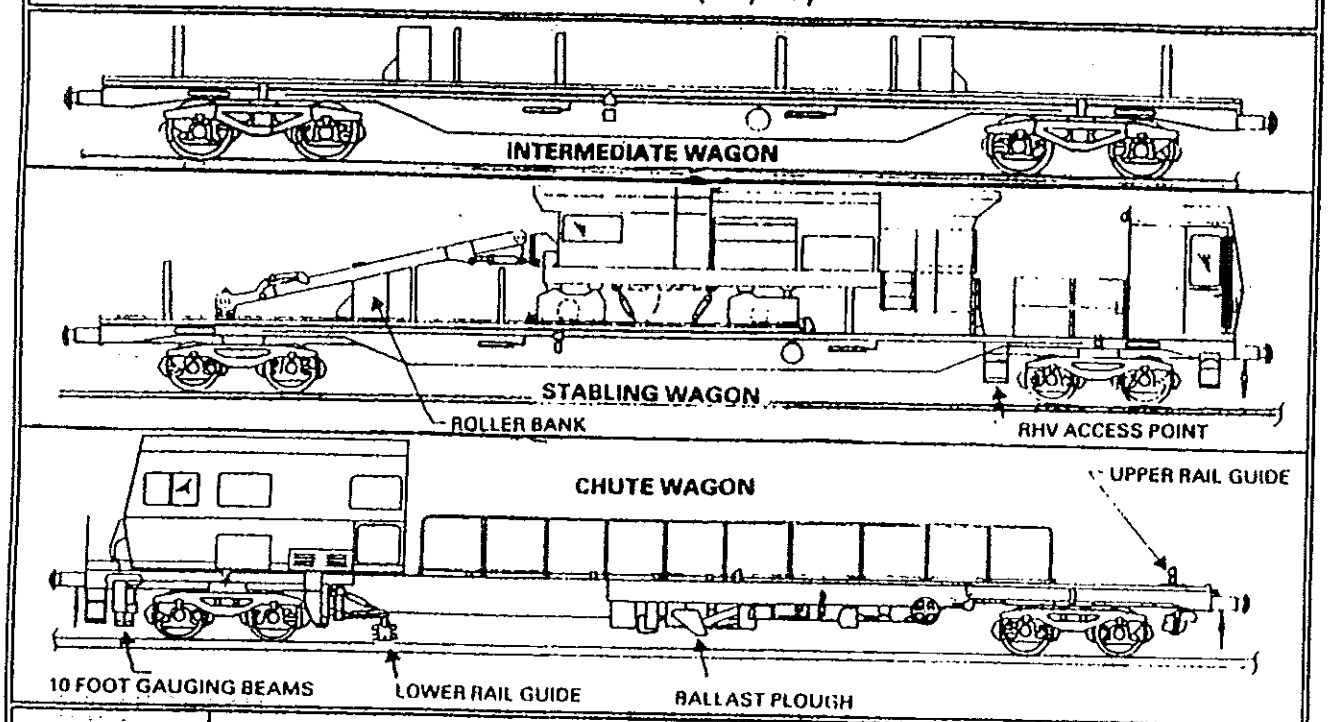
S & C TAMPER



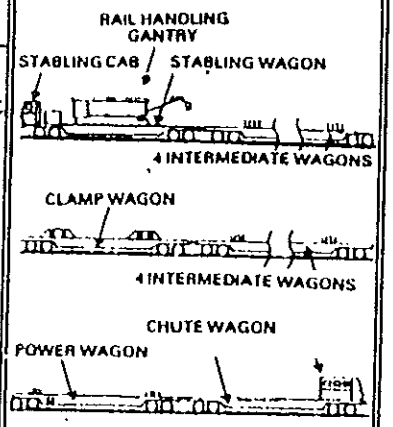
DYNAMIC TRACK STABILISER



LONG WELDED RAIL TRAIN (YEA/YXA)



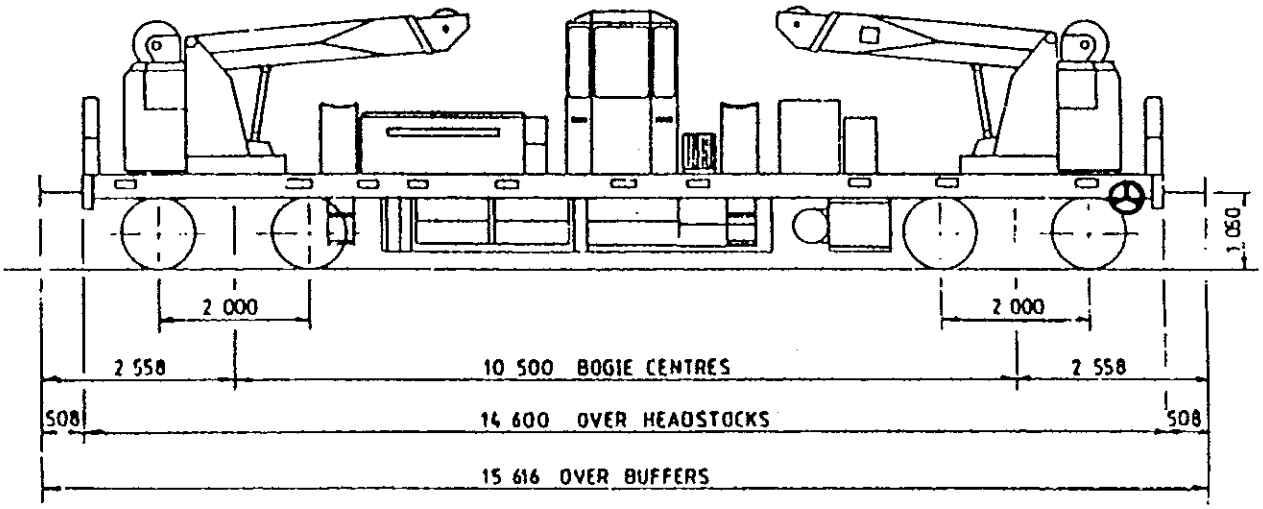
			E	L
WAGON TYPE	600ft Long Welded Rail Train			
WAGON LENGTH	87ft complete	WEIGHT (Tonnes)	429	see list
	73ft (22.24m) each	MAX SPEED	60	60
CAPACITY	32t	TRAIN CLASS	6	6
BRAKE TYPE	Air	R.A.	1	4
NO. IN FLEET	5 Sets	BRAKE FORCE	A275	A419
POOL NO.	5100	BUILT (from)	1984	
NO. RANGE	DB979012/615 DR89001/89011/89013/89014/89015			



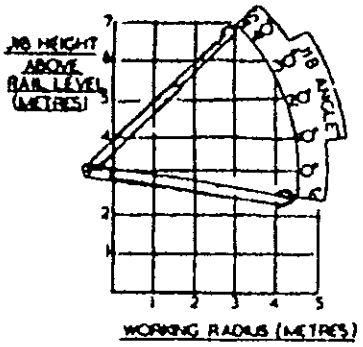
SET NO.	01	11	13	14	15
POWER WAGON	DR 89001	DR 89011	DR 89013	DR 89014	DR 89015
CHUTE WAGON	DB 979501	DB 979511	DB 979513	DB 979514	DB 979515
STABLING WAGON	DB 979601	DB 979611	DB 979613	DB 979614	DB 979615
CLAMP WAGON	DB 979012	DB 979411	DB 979413	DB 979414	DB 979415
>	DB 979019	DB 979092	DB 979108	DB 979116	DB 979124
>	DB 979027	DB 979093	DB 979109	DB 979117	DB 979125
>	DB 979028	DB 979094	DB 979110	DB 979118	DB 979126
PERCH RAIL >	DB 979030	DB 979095	DB 979111	DB 979119	DB 979127
WAGONS >	DB 979031	DB 979096	DB 979112	DB 979120	DB 979128
>	DB 979032	DB 979097	DB 979113	DB 979121	DB 979129
>	DB 979034	DB 979098	DB 979114	DB 979122	DB 979130
>	DB 979035	DB 979099	DB 979115	DB 979123	DB 979131

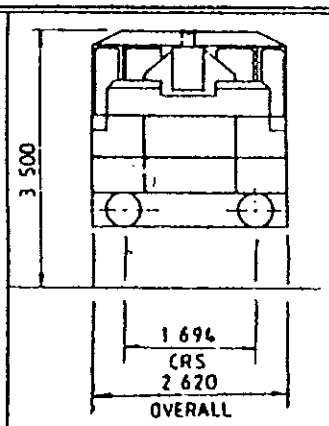
WEIGHTS PER NO. OF 113LB RAILS								
	1 = 11	4 = 43	7 = 75	10 = 107	13 = 140	16 = 172	19 = 204	22 = 236
	2 = 22	5 = 54	8 = 86	11 = 118	14 = 150	17 = 182	20 = 214	23 = 247
	3 = 33	6 = 65	9 = 97	12 = 129	15 = 161	18 = 193	21 = 225	24 = 257

TRACKLAYER (YJB/YJW)



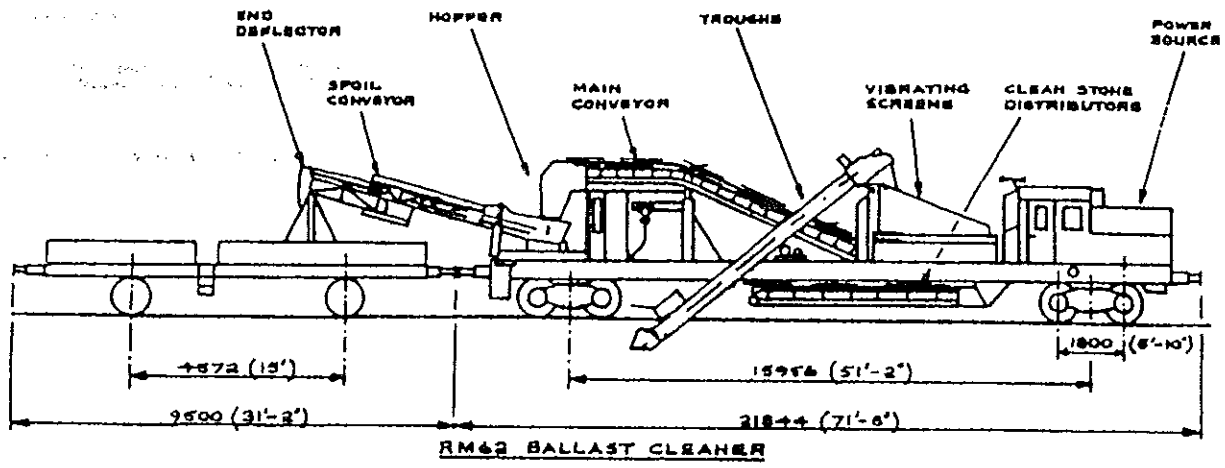
WAGON TYPE:	Tracklayer Twin Jib
WAGON LENGTH:	52 ft (15.84m) (P) 60 ft (18.28m) (S)
BRAKE TYPE:	Air. Vac pipe (P) Vac. Air pipe (S)
TRAIN CLASS	7
SPEED	40 (P) 45 (S)
BRAKE FORCE	A24(P) V11(S)





MACHINE No.	POOL NO	WEIGHT	MESS VAN	WEIGHT	BUILT	R.A.	AREA
DRP78216 (Plasser) (YJB)	7162	86.5t	DS166 (QPW)	13t	1980	7	SW
DRP78217 (Plasser) (YJB)	7222	86.5t			1980	7	T&C
DRP78221 (Plasser) (YJB)	7162	86.5t	DS70218 (QPW)	13t	1980	7	SC
DRP78222 (Plasser) (YJB)	7162	86.5t	DS156 (QPW)	13t	1980	7	SE
DRP78223 (Plasser) (YJB)	7162	86.5t	DS90 (QPW)	13t	1980	7	SC
DRP78224 (Plasser) (YJB)	7162	86.5t	DS1385 (QPW)	13t	1980	7	SE
DRP78218 (Plasser) (YJB)	7300	86.5t	DB975565(QPB)	13t	1980	7	NSE(N)
DRS78203 (Smiths) (YJW)	7300	82t			1965	7	NSE(N)

BALLAST CLEANER (ZWB)

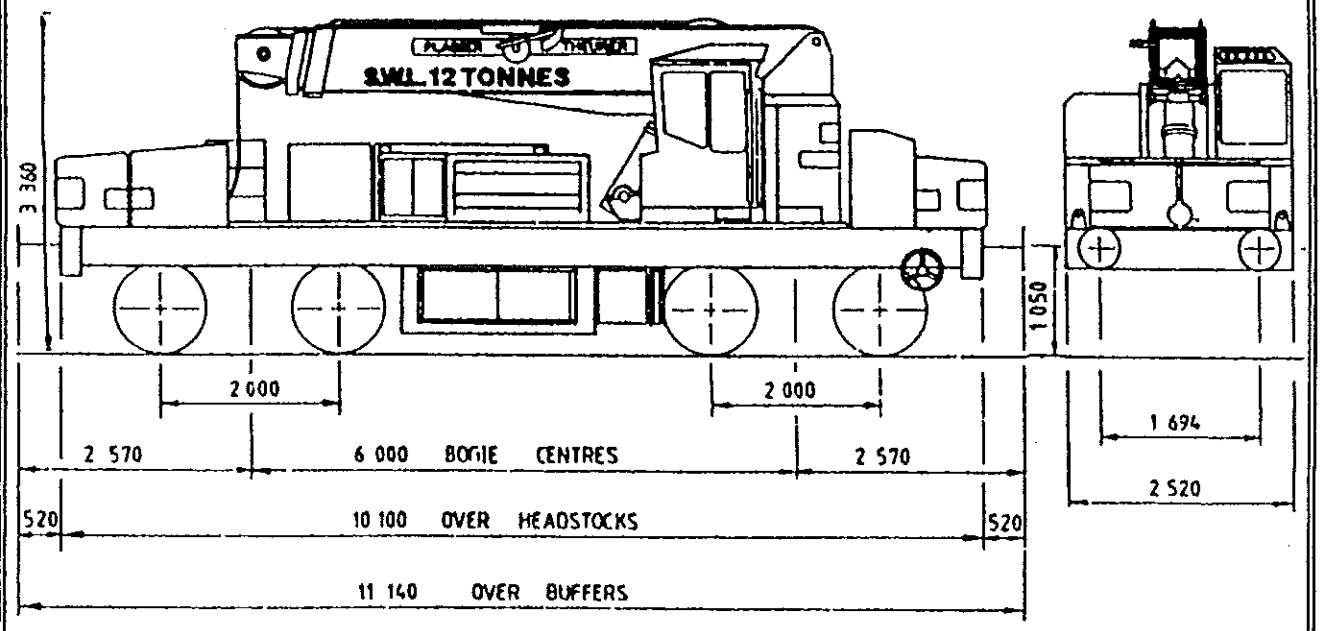


RM62 BALLAST CLEANER

WAGON TYPE:	Ballast Cleaner		BC ONLY
WAGON LENGTH:	72 ft (21.94m)	WEIGHT (Tonnes)	56
CAPACITY:	—	TRAIN CLASS	8
BRAKE TYPE:	Air. Vac pipe	BRAKE FORCE	ABF17
No. IN FLEET:	2 3	SPEED	35
POOL No.:	7300 7160		

MACHINE NO.	MESS VAN	BOX VAN	WEIGHT	BUILT	R.A.	POOL NO.
DR76303 (RM74)	DS70249 (QPX)		69t	1980	3	7160
DR76317 (RM74)	DB975669 (QPB)		69t	1980	3	7160
DR76319 (RM74)	DB787219 (ZRX)	DB786980 (ZSX)	86t	1980	3	7300
DR76203 (RM62)	DB786989 (ZQB)	KDB786881 (ZRX)	86t	1971	1	7300
DR76213 (RM62)			56t	1966	1	7150
GOPHER				BUILT	DIVISION	
DR76005				1959	SW	
DR76001				1959	SC	

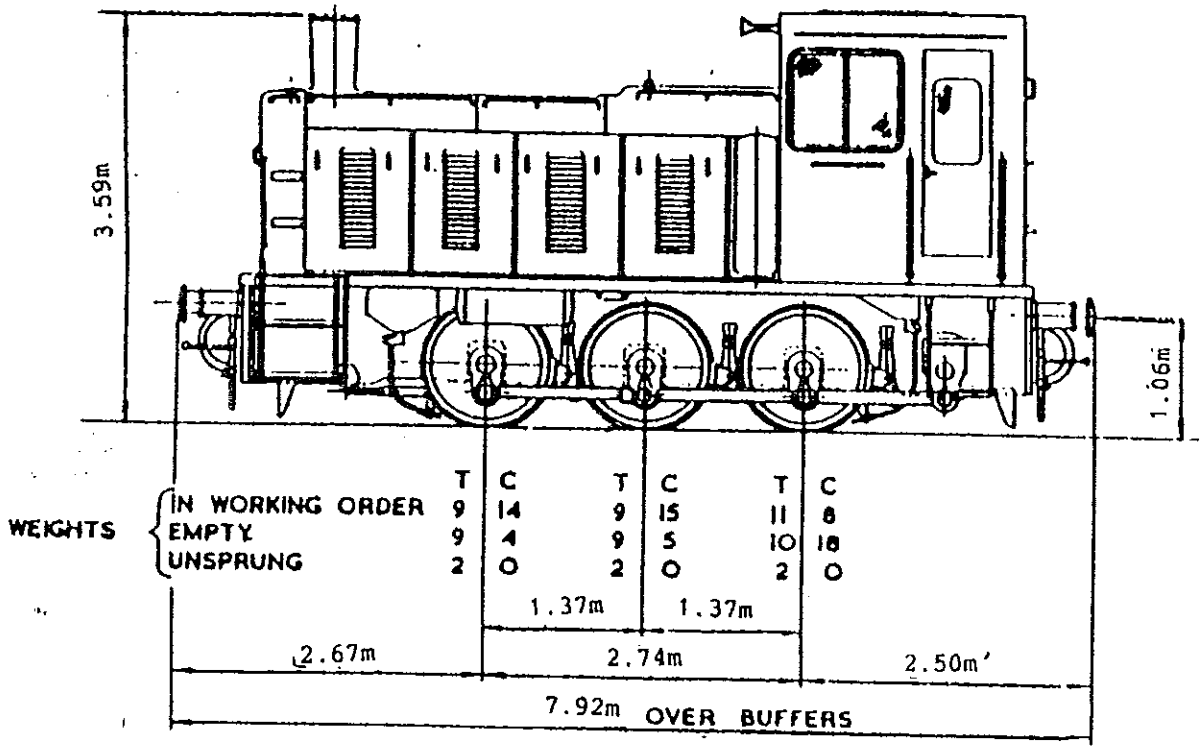
CRANE (YOB/ZOB/ZOR)



POOL Nos. 7166 (SE,SC,SW), 7300 (GE including WA&GN + LT&S), 7224 (T&C).

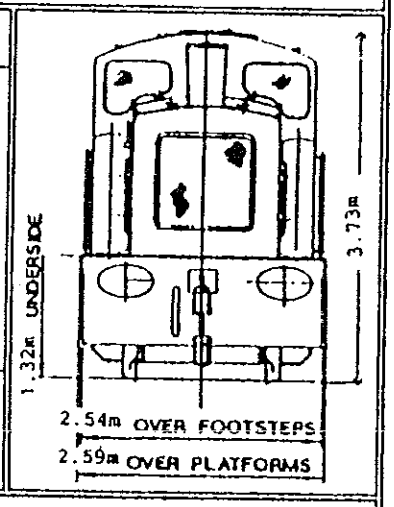
MACHINE No.		KIND	CAP	RUN or MESS		SP	CL	WGHT	BUILT	R.A	DIV/USER
DRP81507	(Plasser)	(YOB)	12t	———	———	45	7	86t	1979	7	SE
DRP81519	(Plasser)	(YOB)	12t	DS169	(QPW)	45	7	99t	1981	7	SE
DRP81532	(Plasser)	(YOB)	12t	———	———	45	7	86t	1981	7	SE
DRS81334	(Smiths)	(YOR)	10t	998501/5	(ZSR)	25	8	61t	1962	7	SE
DRT81318	(Taylor)	(ZOB)	8t	DS70192	(QSW)	60	6	76t	1969	1	SE
DRT81340	(Taylor)	(YOB)	15t	DS70280	(QSB)	45	7	93t	1969	1	SE
DRT81341	(Taylor)	(YOB)	15t	DS70279	(QSB)	45	7	95t	1969	1	SE
DRT81342	(Taylor)	(YOB)	15t	DS70278	(QSB)	45	7	95t	1970	1	SE
DRP81508	(Plasser)	(YOB)	12t	———	———	45	7	86t	1979	7	SC
DRP81517	(Plasser)	(YOB)	12t	———	———	45	7	86t	1980	7	SC
DRT81338	(Taylor)	(YOB)	15t	DS70276	(QSB)	45	7	95t	1967	1	SC
DRP81511	(Plasser)	(YOB)	12t	———	———	45	7	86t	1980	7	SW
DRP81513	(Plasser)	(YOB)	12t	———	———	45	7	86t	1980	7	SW
DRS81330	(Smiths)	(ZOR)	10t	998504/8	(ZSR)	25	8	61t	1959	1	SW
DRT81339	(Taylor)	(YOB)	15t	DS70277	(QSB)	45	7	95t	1968	1	SW
DRT81343	(Taylor)	(YOB)	15t	DS70281	(QSB)	45	7	95t	1970	1	SW
DRP81505	(Plasser)	(YOB)	12t	DW17248	(ZPR)	45	7	106t	1979	7	GE
DRP81522	(Plasser)	(YOB)	12t	DW68500	(ZPQ)	45	7	106t	1981	7	GE
DRP81525	(Plasser)	(YOB)	12t	———	———	45	7	86t	1981	7	GE
DRS81502	(Smiths)	(YOB)	18t	———	———	50	6	87t	1970	8	T&C
DRA81554	(Booths)	(ZOR)	15t	———	———	45	7	69t	1959	7	T&C
ADRC96100		(ZOV)	30t	ADB998530	(ZSV)	60	6	82t	1962	1	NEE
ADRC96101		(ZOV)	30t	ADB998531	(ZSV)	60	6	82t	1962	1	NEE
ADRW96500	(Atlas)	(YOW)		———	———	45	7	50t	1973	2	NEE
ADRW96501	(Atlas)	(YOW)		———	———	45	7	50t	1973	2	NEE

CLASS 03



LOCO TYPE	Class 03 Diesel Shunter (Introduced 1960)		
LOCO LENGTH	26ft (7.92m)	WEIGHT (Tonnes)	30
BRAKE TYPE	Vacuum	MAX SPEED	28
NO. IN FLEET	1	R.A.	1
POOL NO.	NKJD	BRAKE FORCE (Tonnes)	13
FUEL (CAP)	300 Gallons		

NKJD - 03079



FEATURES

1/ 200 HP 0-6-0 Diesel Mechanical Shunting Locomotive

2/ Only class of locomotive used on the Isle of Wight

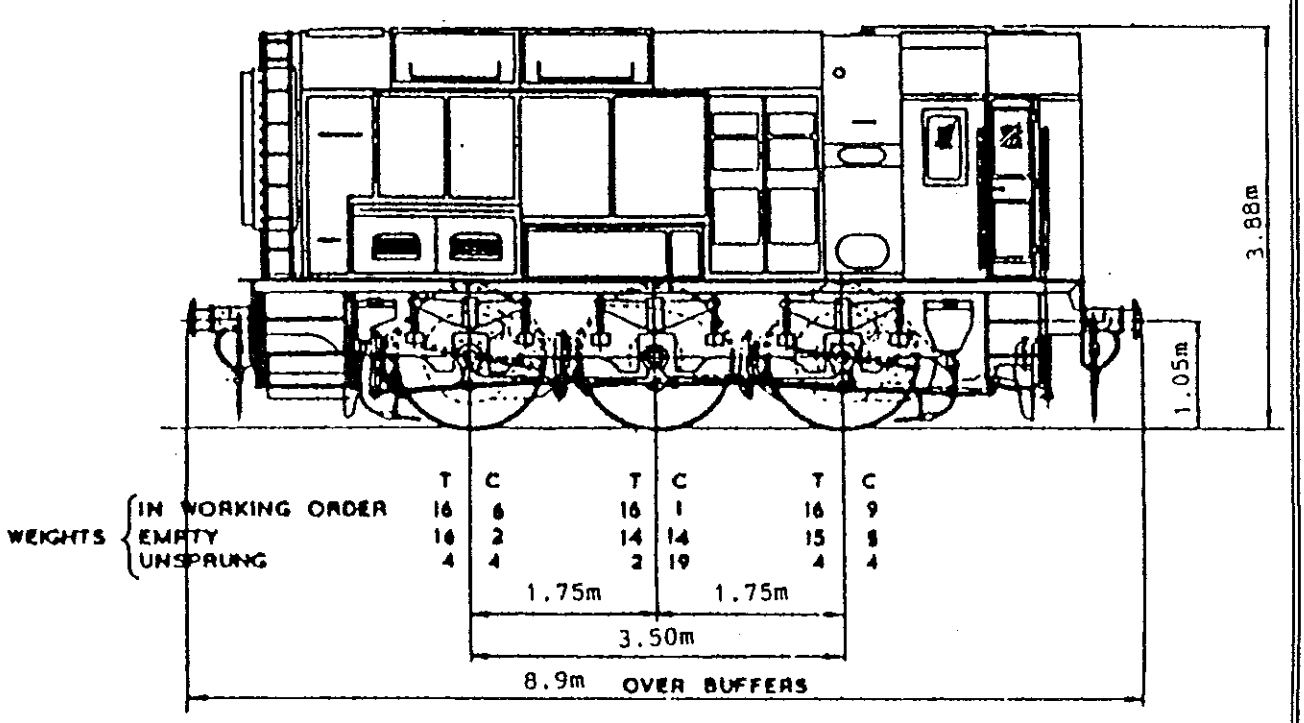
3/ Used on weeknight and weekend engineering work

4/ Outbased at Sandown

5/ Locomotive is painted in 'Blue' livery

6/ Maintained by Eastleigh

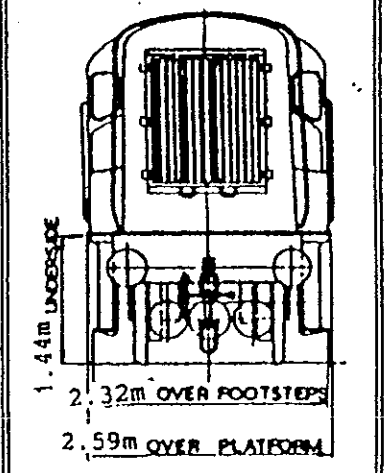
CLASS 08



LOCO TYPE	Class 08 Diesel Shunter (Introduced 1953)		
LOCO LENGTH	30ft (9.14m)	WEIGHT (Tonnes)	49
BRAKE TYPE	Vacuum & Air	MAX SPEED	15/20
NO. IN FLEET	7 1	R.A.	5
POOL NO.	NKJD NKJH	BRAKE FORCE (Tonnes)	19
FUEL (CAP)	668 Gallons		

NKJD - 08600, 08642, 08649, 08847, 08892, 08933, 08940

NKJH - 08854



FEATURES

1/ 350 HP 0-6-0 Diesel Electric Shunting Locomotive

2/ Used for shunting movements within yards/depots

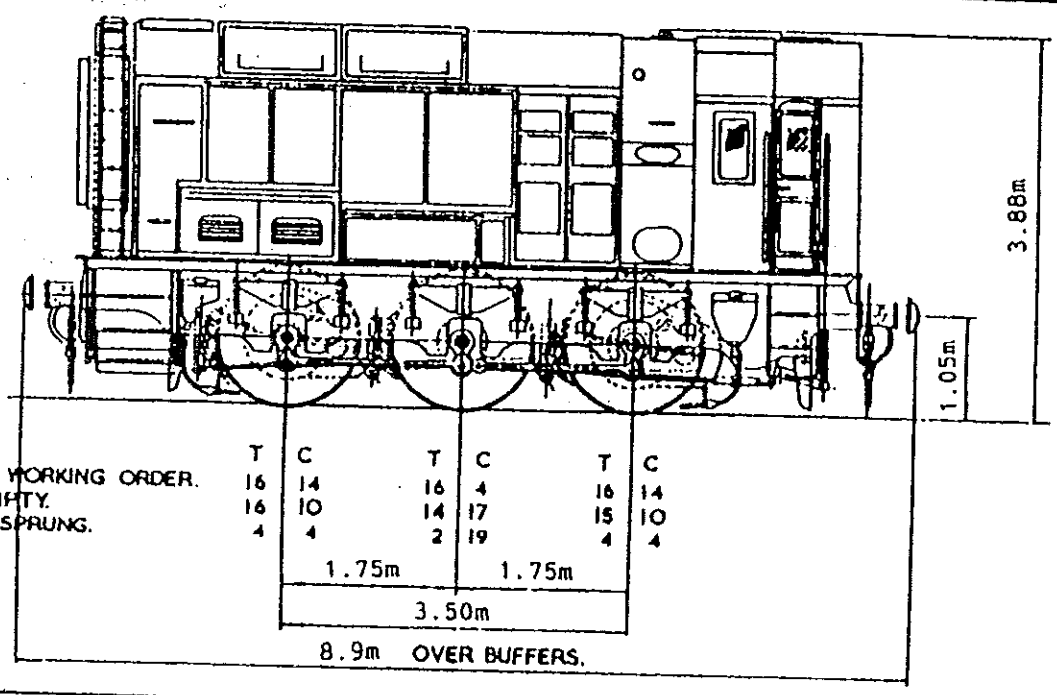
3/ Rarely used on Engineering sites . 08600 is Air braked only.

4/ Used throughout Network SouthEast

5/ All Diesel Shunting Locomotives on Network SouthEast (North) are hired in from RFD

6/ Maintained at Eastleigh (NKJD) and Selhurst (NKJH)

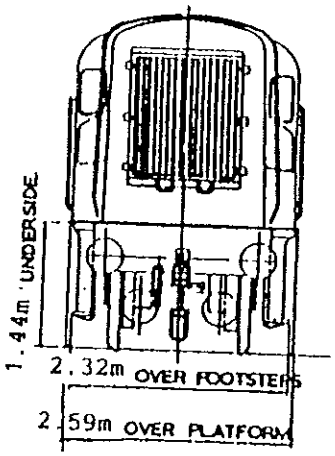
CLASS 09



LOCO TYPE	Class 09 Diesel Shunter (Introduced 1959)
LOCO LENGTH	30ft (9.14m)
BRAKE TYPE	Vacuum & Air
NO. IN FLEET	18
POOL NO.	NKJH
FUEL (CAP)	668 Gallons

WEIGHT (Tonnes)	49
MAX SPEED	27
R.A.	5
BRAKE FORCE (Tonnes)	19

NKJH - 09003, 09004, 09006, 09007, 09009, 09010, 09011, 09012 09016, 09018, 09019, 09020, 09021, 09022, 09023, 09024 09025, 09026



FEATURES

1/ 350 HP 0-6-0 Diesel Electric Shunting Locomotive

2/ Same as a Class 08, except faster

3/ Used for shunting movements within yards/depots

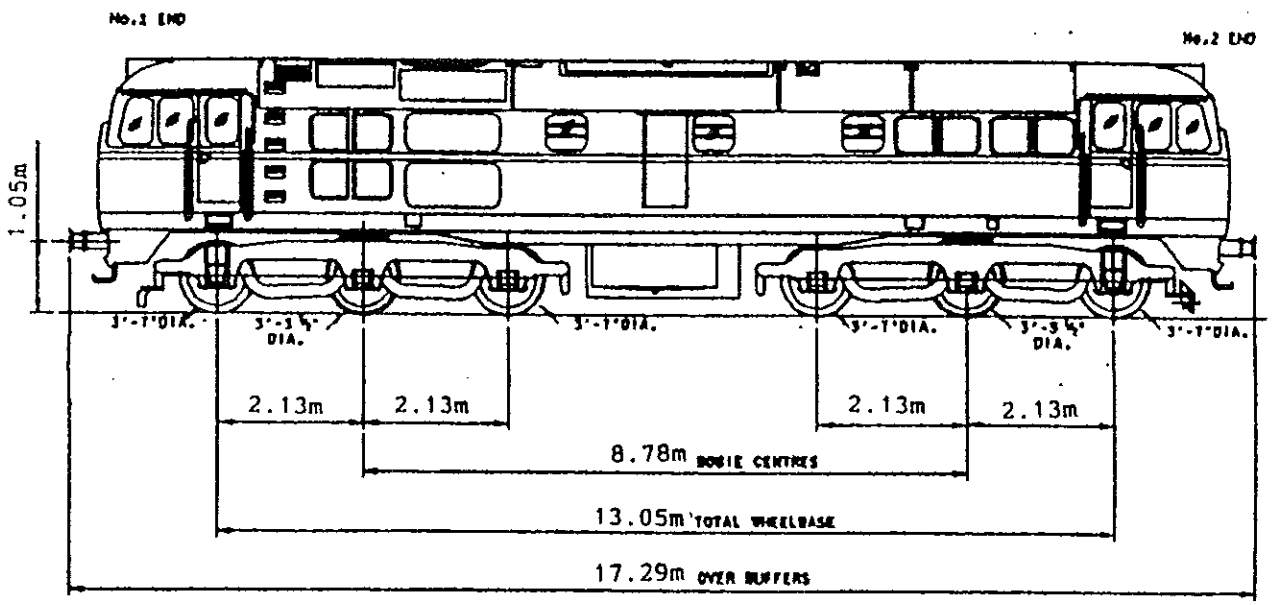
4/ Rarely used on Engineering sites

5/ Used throughout Network SouthEast

6/ All Diesel Shunting Locomotives on Network SouthEast (North) are hired in from RFD

7/ Maintained at Selhurst

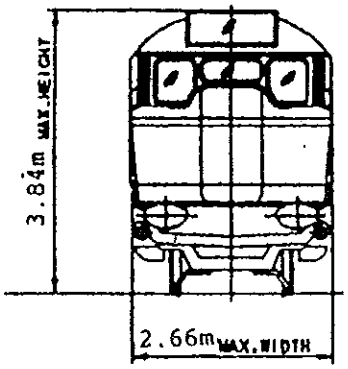
CLASS 31



LOCO TYPE	Class 31/1 Diesel (Introduced 1957)		
LOCO LENGTH	57 ft (17.3m)	WEIGHT (Tonnes)	107
BRAKE TYPE	Vacuum and Air	MAX SPEED	60
NO. IN FLEET	5	R.A.	5
POOL NO.	NKJS NKJW	BRAKE FORCE (Tonnes)	49
FUEL (CAP)	530 Gallons		

NKJS - 31135, 31224, 31250, 31268, 31290

NKJW - ~~31149~~, 31165, 31180, 31281, 31291



FEATURES

1/ 1470 HP Brush Type Diesel Electric Locomotive

2/ NKJS locomotives are used on weekday trip/ WTT Services and weekend work

3/ NKJW are weekend only locomotives used between 1800 Fri - 1200 Mon and stored during the week

4/ Outbased at Stratford, Ipswich and March

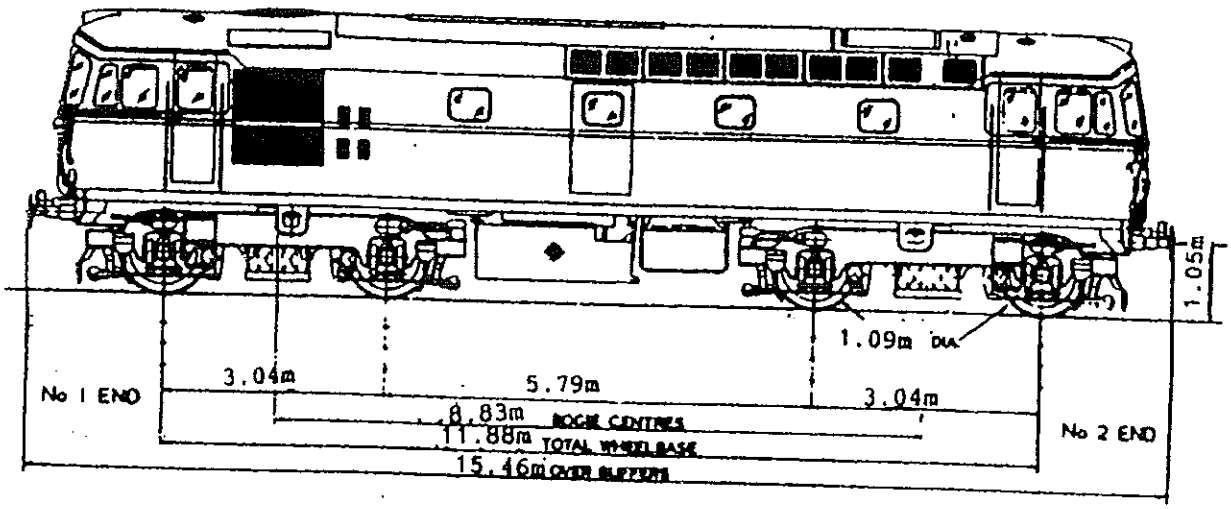
5/ 31165 (D5583) is painted green. 31180 is painted in Railfreight grey livery

6/ The remaining Class 31 locomotives in pools NKJS, NKJW are painted in 'Dutch' Livery

7/ Used mainly on the Great Eastern, WA & GN and LT & S Divisions

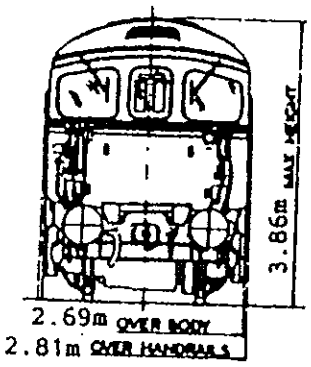
8/ Maintained at Stratford

CLASS 33



LOCO TYPE	Class 33/0/1/2/ Diesel (Introduced 1960)		
LOCO LENGTH	51 ft (15.5m)	WEIGHT (Tonnes)	76
BRAKE TYPE	Vacuum and Air	MAX SPEED	60
NO. IN FLEET	8 10 6	R.A.	6
POOL NO.	NKJE NKJR NKJM	BRAKE FORCE (Tonnes)	35
FUEL (CAP)	750 Gallons		

NKJE - 33008, 33019, 33025, 33030, 33035, 33046, 33051, 33116
NKJR - 33002, 33012, 33021, 33026, 33042, 33048, 33052, 33053 33063, 33065
NKJM - 33057, 33064, 33109, 33201, 33202, 33208



FEATURES

1/ 1550 HP B.R.C.W. Type Diesel Electric locomoture

2/ NKJE locomotives are used on weekday WTT services and weekend work

3/ NKJM locomotives are used on Weekend WTT services and weekend work

4/ NKJR are weekend only locomotives used between 1800 Fri - 1200 Mon and stored during the week

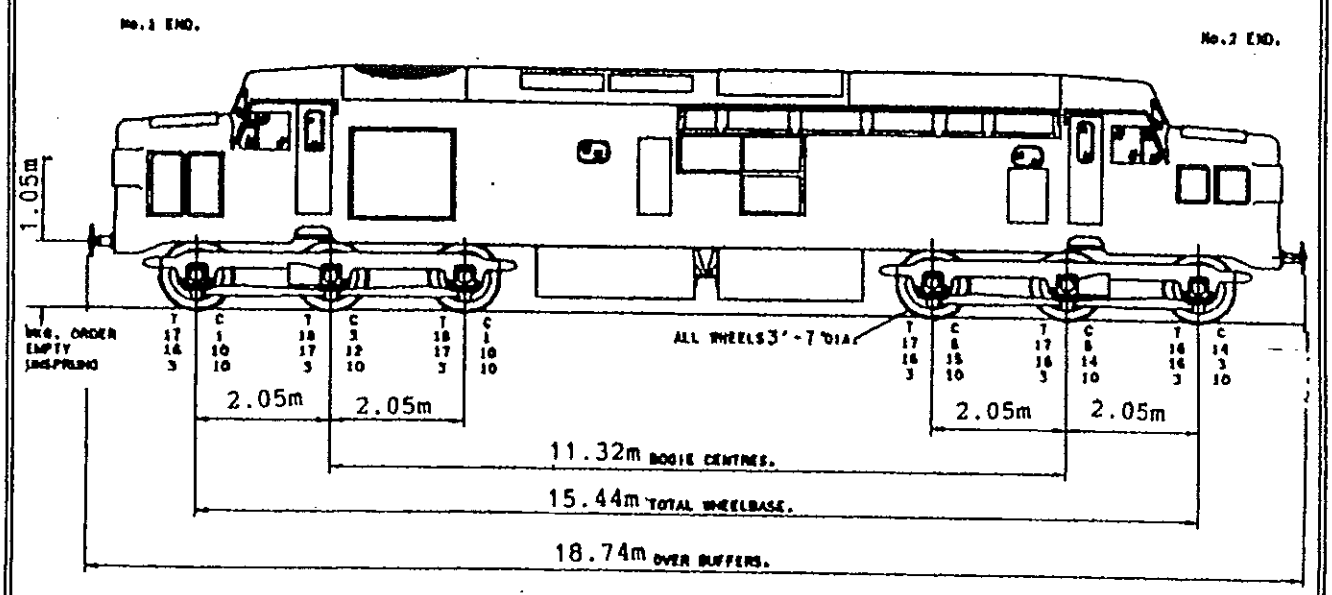
5/ 33201/202/208 are built to 'Hastings' gauge which is approximately 9" narrower

6/ 33/1's are fitted with Buck-eye couplings

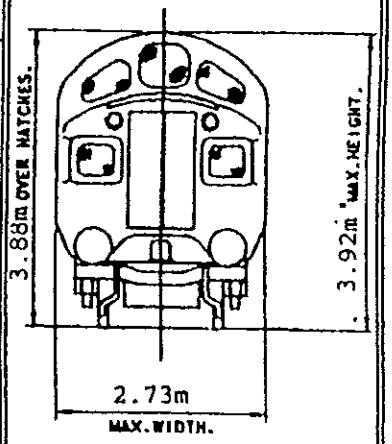
7/ Used mainly on the South Eastern, South Central and South Western Division.

8/ Maintained at Stewarts Lane (NKJR, NKJM) and Eastleigh (NKJE)

CLASS 37



LOCO TYPE	Class 37/0/3 Diesel (Introduced 1961)		
LOCO LENGTH	62 ft (18.8m)	WEIGHT (Tonnes)	105
BRAKE TYPE	Vacuum and Air	MAX SPEED	60
NO. IN FLEET	4 5	R.A.	5
POOL NO.	NKJS NKJE NKFE	BRAKE FORCE (Tonnes)	50
FUEL (CAP)	890 Gallons		



NKJS - 37023, 37140, 37242, 37244, 37370, 37371, 37376, 37379
NKJE - 37198, 37274, 37375, 37377
NKFE - 37194, 37220, 37245, 37293, 37380

FEATURES

1/ 1750 HP EE Type Diesel Electric Locomotive

2/ NKJS locomotives are used on weekday trip/WIT services and weekend work

3/ NKJE locomotives are used on weekday WIT services and weekend work

4/ NKFE are weekend only locomotives used between 1800 Fri - 1200 Mon and stored during the week.

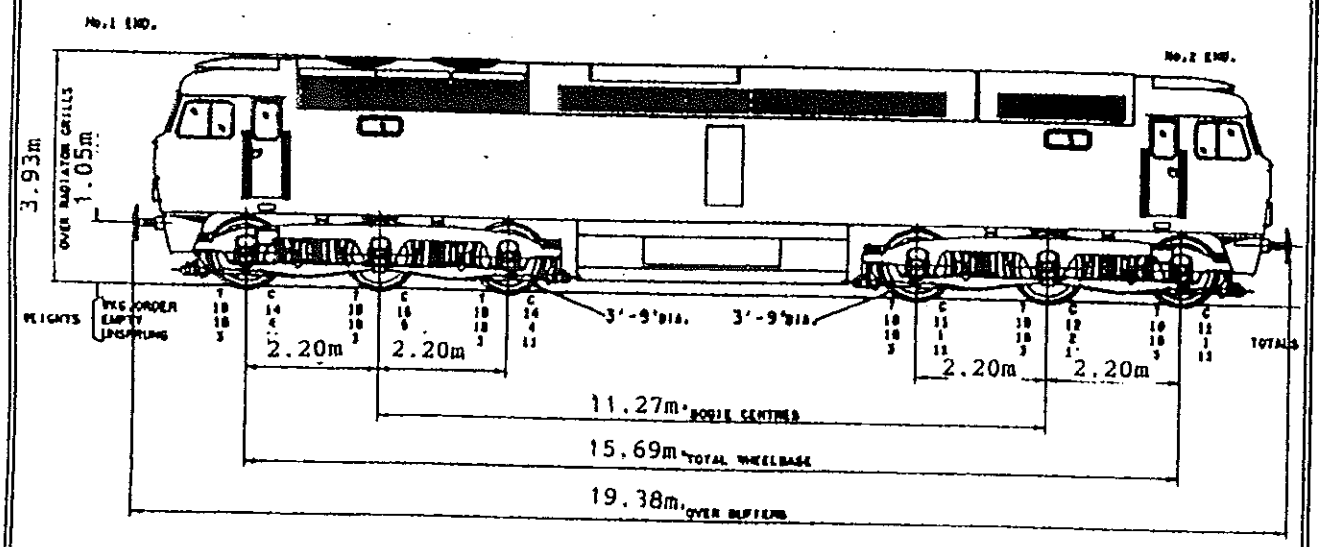
5/ Outbased at Eastleigh, Stratford, Ipswich and March

6/ 37023/140/370/379 can accomodate a REIB (Radio Electronic Token Block) unit.

7/ Used throughout Network SouthEast

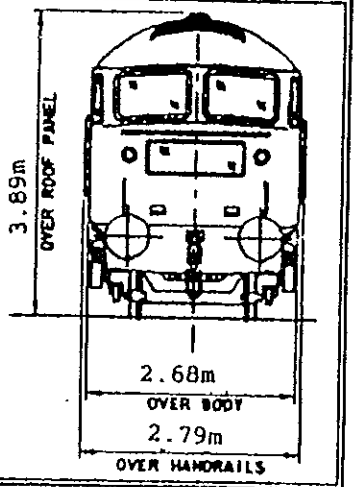
8/ Maintained at Stratford (NKJS) and Eastleigh (NKJE/NKFE)

CLASS 47



LOCO TYPE	Class 47/3 Diesel (Introduced 1961)		
LOCO LENGTH	64 ft (19.5m)	WEIGHT (Tonnes)	114
BRAKE TYPE	Vacuum and Air	MAX SPEED	75
NO. IN FLEET	1	R.A.	6
POOL NO.	NKJS	BRAKE FORCE (Tonnes)	60
FUEL (CAP)	720 Gallons		

NKJS - 47364



FEATURES

1/ 2580 HP Brush Type Diesel Electric Locomotive

2/ Used on weekday trip/WIT services and weekend work

3/ Outbased at Aylesbury

4/ Locomotive is painted in 'Dutch' Livery

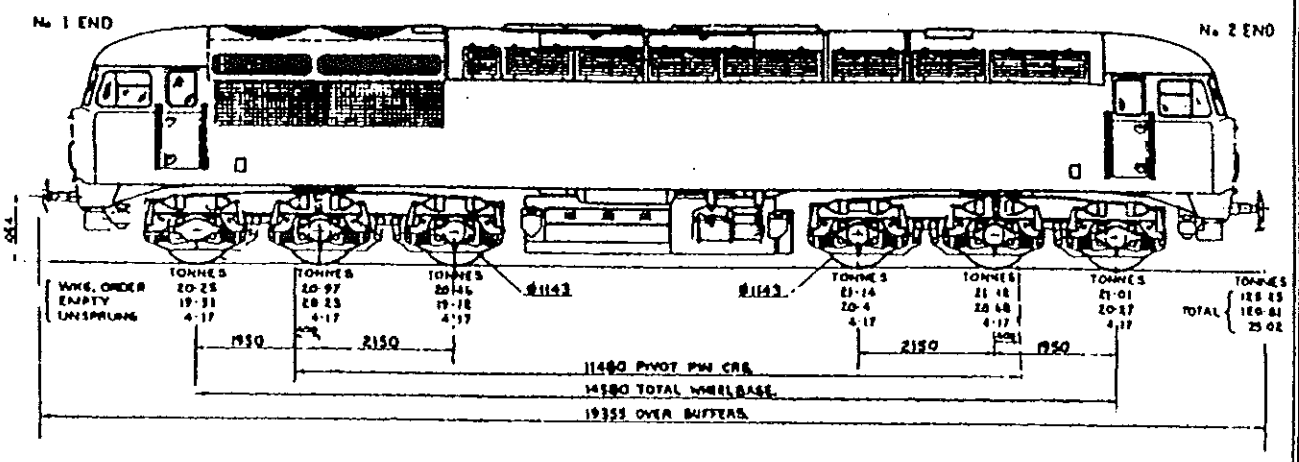
5/ Locomotive is fitted with ATP (Automatic Train Protection)

6/ Locomotive is fitted with Slow speed control

7/ Used mainly on the Thames and Chiltern Division

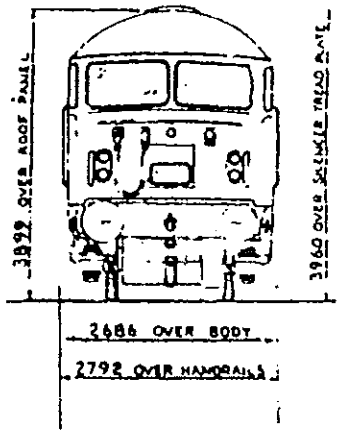
8/ Maintained at Stratford

CLASS 56



LOCO TYPE	Class 56 Diesel (Introduced 1976)		
LOCO LENGTH	64 ft (19.5m)	WEIGHT (Tonnes)	128
BRAKE TYPE	Air	MAX SPEED	80
NO. IN FLEET	6	R.A.	7
POOL NO.	NKJM	BRAKE FORCE (Tonnes)	60
FUEL (CAP)	1150 Gallons		

NKJM - 56031, 56036, 56046, 56047, 56048, 56049



FEATURES

1/ 3250 HP Brush Type Diesel Electric Locomotive

2/ Largest Diesel locomotive in the Infrastructure fleet

3/ Used on weekday trip/WTT services and weekend work

4/ All six locomotives had a C.E.M. in 1993

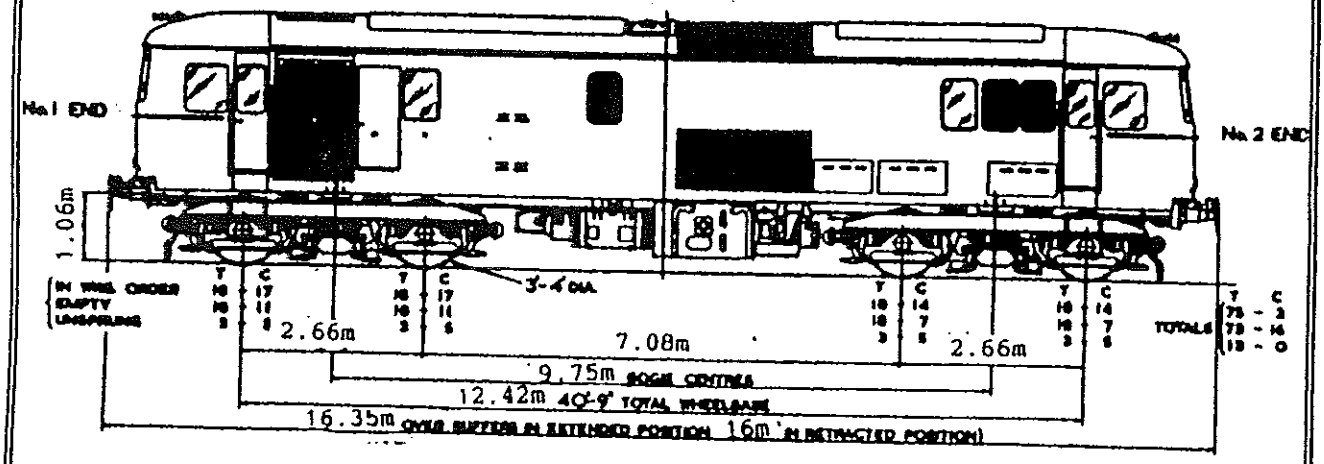
5/ All are painted in 'Dutch' livery

6/ Fitted with slow speed control

7/ Used mainly on the South Eastern and NSE (North) Divisions

8/ Maintained at Stewarts Lane

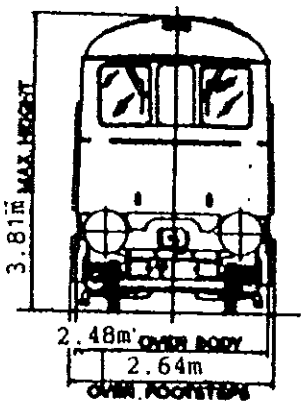
CLASS 73



LOCO TYPE	Class 73/0/1 Electro-Diesel (Introduced 1962)		
LOCO LENGTH	54 ft (16.4m)	WEIGHT (Tonnes)	75
BRAKE TYPE	Vacuum and Air	MAX SPEED	60
NO. IN FLEET	15 10	R.A.	6
POOL NO.	NKJL NKJR	BRAKE FORCE (Tonnes)	31
FUEL (CAP)	340 Gallons		

NKJL - 73101, 73104, 73105, 73106, 73107, 73108, 73110, 73117, 73118, 73119, 73129, 73130, 73133, 73136, 73138

NKJR - 73103, 73114, 73126, 73128, 73131, 73132, 73134, 73139 73140, 73141



FEATURES

1/ 1600/600 HP Electro-Diesel Locomotive

2/ Class 73 locomotives mainly work off 750v dc third rail supply

3/ 600 HP Diesel Engine allows use on non electrified areas

4/ NKJL locomotives are used on weekday WIT services and weekend work

5/ NKJR are weekend only locomotives used between 1800 Fri - 1200 Mon and stored during the week

6/ They are painted in a mixture of liveries Dutch, Network SouthEast, Mainline etc

7/ Used on the South Eastern, South Central and South Western Divisions

8/ Maintained at Stewarts Lane

N.S.E. INFRASTRUCTURE LOCOMOTIVE LIVERIES

LOCO	POOL	DEPOT	LIVERY
03079	NKJD	RYDE	B.R. BLUE
08600	NKJD	EH	DEPARTMENTAL (PLAIN GREY WITH BLACK CAB DOORS)
08642	NKJD	EH	L.S.W.R. BLACK ALSO CARRIES OLD NUMBER D3809
08649	NKJD	EH	DEPARTMENTAL (PLAIN GREY WITH BLACK CAB DOORS)
08847	NKJD	EH	B.R. BLUE
08854	NKJH	SU	B.R. BLUE
08892	NKJD	EH	DEPARTMENTAL (PLAIN GREY WITH BLACK CAB DOORS)
08933	NKJD	EH	DEPARTMENTAL (PLAIN GREY WITH BLACK CAB DOORS)
08940	NKJD	EH	B.R. BLUE
09003	NKJH	SU	B.R. BLUE
09004	NKJH	SU	B.R. BLUE
09006	NKJH	SU	B.R. BLUE
09007	NKJH	SU	B.R. BLUE
09009	NKJH	SU	DEPARTMENTAL (PLAIN GREY WITH BLACK CAB DOORS)
09010	NKJH	SU	DEPARTMENTAL (PLAIN GREY WITH BLACK CAB DOORS)
09011	NKJH	SU	DEPARTMENTAL (PLAIN GREY WITH BLACK CAB DOORS)
09012	NKJH	SU	DEPARTMENTAL (PLAIN GREY WITH BLACK CAB DOORS)
09016	NKJH	SU	B.R. BLUE
09018	NKJH	SU	B.R. BLUE
09019	NKJH	SU	DEPARTMENTAL (PLAIN GREY WITH BLACK CAB DOORS)
09020	NKJH	SU	B.R. BLUE
09021	NKJH	SU	B.R. BLUE
09022	NKJH	SU	B.R. BLUE
09023	NKJH	SU	B.R. BLUE
09024	NKJH	SU	DEPARTMENTAL (PLAIN GREY WITH BLACK CAB DOORS)
09025	NKJH	SU	B.R. BLUE
09026	NKJH	SU	DEPARTMENTAL (PLAIN GREY WITH BLACK CAB DOORS)
31135	NKJW	SF	CIVIL ENGINEERS GREY/YELLOW (DUTCH) BUFFERBEAMS FULL HEIGHT B.R. LOGO, RED SOLEBAR STRIP
31165	NKJW	SF	B.R. GREEN
31180	NKJW	SF	OLD RAILFREIGHT GREY SIDES, YELLOW CABSIDES, RED
31181	NKJW	SF	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
~~31190~~	~~NKJS~~	~~SF~~	~~CIVIL ENGINEERS GREY/YELLOW (DUTCH)~~
31191	NKJW	SF	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
31224	NKJS	SF	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
31250	NKJS	SF	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
31268	NKJS	SF	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
31290	NKJS	SF	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
33002	NKJR	SL	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
33008	NKJE	EH	B.R. GREEN
33012	NKJR	SL	B.R. BLUE
33019	NKJE	EH	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
33021	NKJR	SL	NEW RAILFREIGHT (CONSTRUCTION) TWO TONE GREY WITH CONSTRUCTION SUB SECTOR MARKINGS
33025	NKJE	EH	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
33026	NKJR	SL	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
33030	NKJE	EH	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
33035	NKJE	EH	NETWORK SOUTH EAST
33042	NKJR	SL	NEW RALIFREIGHT (CONSTRUCTION) TWO TONE GREY WITH CONSTRUCTION SUB SECTOR MARKINGS

N.S.E. INFRASTRUCTURE LOCOMOTIVE LIVERIES (CONT)

LOCO	POOL	DEPOT	LIVERY
33046	NKJE	EH	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
33048	NKJR	SL	B.R.BLUE
33051	NKJE	EH	NEW RAILFREIGHT (CONSTRUCTION) TWO TONE GREY WITH CONSTRUCTION SUB SECTOR MARKINGS
33052	NKJR	SL	B.R. BLUE
33053	NKJR	SL	NEW RAILFREIGHT (CONSTRUCTION) TWO TONE GREY WITH CONSTRUCTION SUB SECTOR MARKINGS
33057	NKJM	SL	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
33063	NKJR	SL	NEW RAILFREIGHT (CONSTRUCTION) TWO TONE GREY WITH CONSTRUCTION SUB SECTOR MARKINGS
33064	NKJM	SL	NEW RAILFREIGHT (CONSTRUCTION) TWO TONE GREY WITH CONSTRUCTION SUB SECTOR MARKINGS
33065	NKJR	SL	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
33109	NKJM	SL	DEPARTMENTAL PLAIN GREY WITH BLACK CAB DOORS
33116	NKFE	EH	DEPARTMENTAL PLAIN GREY WITH BLACK CAB DOORS
33201	NKJM	SL	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
33202	NKJM	SL	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
33208	NKJM	SL	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
37023	NKJS	SF	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
37140	NKJS	SF	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
37194	NKFE	EH	NEW RAILFREIGHT (DISTRIBUTION) TWO TONE GREY WITH DISTRIBUTION SUB-SECTOR MARKINGS
37198	NKJE	EH	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
37220	NKFE	EH	NEW RAILFREIGHT (PETROLEUM) TWO TONE GREY WITH PETROLEUM SUB-SECTOR MARKINGS
37242	NKJS	SF	NEW RAILFREIGHT (DISTRIBUTION) TWO TONE GREY WITH DISTRIBUTION SUBSECTOR MARKINGS
37244	NKJS	SF	NEW RAILFREIGHT (DISTRIBUTION) TWO TONE GREY WITH DISTRIBUTION SUB-SECTOR MARKINGS
37245	NKJS	SF	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
37274	NKJE	EH	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
37293	NKFE	EH	NEW RAILFREIGHT (METALS) TWO TONE GREY WITH METALS SUB-SECTOR MARKINGS
37370	NKJS	SF	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
37371	NKJE	EH	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
37375	NKJE	EH	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
37376	NKJS	SF	NEW RAILFREIGHT (COAL) TWO TONE GREY WITH COAL SUB-SECTOR MARKINGS
37377	NKJE	EH	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
37379	NKJS	SF	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
37380	NKFE	EH	NEW RAILFREIGHT (COAL) TWO TONE GREY WITH COAL SUB-SECTOR MARKINGS
47364	NKJS	SF	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
73101	NKJL	SL	PULLMAN UMBER AND CREAM
73103	NKJR	SL	OLD INTERCITY LIGHT GREY, DARK GREY, WITH RED STRIPE AND YELLOW LOWER CAB SIDES
73104	NKJL	SL	OLD INTERCITY LIGHT GREY, DARK GREY, WITH RED STRIPE AND YELLOW LOWER CAB SIDES
73105	NKJL	SL	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
73106	NKJL	SL	DEPARTMENTAL (PLAIN GREY WITH BLACK CABSIDE DOORS)

N.S.E. INFRASTRUCTURE LOCOMOTIVE LIVERIES (CONT)

LOCO	POOL	DEPOT	LIVERY
73107	NKJL	SL	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
73108	NKJL	SL	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
73110	NKJL	SL	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
73114	NKJR	SL	OLD INTERCITY LIGHT GREY, DARK GREY, WITH RED STRIPE AND YELLOW LOWER CAB SIDES
73117	NKJL	SL	OLD INTERCITY LIGHT GREY, DARK GREY, WITH RED STRIPE AND YELLOW LOWER CAB SIDES
73118	NKJL	SL	OLD INTERCITY LIGHT GREY, DARK GREY, WITH RED STRIPE AND YELLOW LOWER CAB SIDES
73119	NKJL	SL	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
73126	NKJR	SL	NETWORK SOUTH EAST
73128	NKJR	SL	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
73129	NKJL	SL	NETWORK SOUTHEAST
73130	NKJL	SL	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
73131	NKJR	SL	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
73132	NKJR	SL	OLD INTERCITY, LIGHT GREY, DARK GREY, WITH RED STRIPE AND YELLOW LOWER CAB SIDES
73133	NKJL	SL	NETWORK SOUTHEAST
73134	NKJR	SL	OLD INTERCITY, LIGHT GREY, DARK GREY WITH RED STRIPE AND YELLOW LOWER CAB SIDES
73136	NKJL	SL	NETWORK SOUTHEAST
73138	NKJL	SL	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
73139	NKJR	SL	OLD INTERCITY, LIGHT GREY, DARK GREY WITH RED STRIPE AND YELLOW LOWER CAB SIDES
73140	NKJR	SL	OLD INTERCITY LIGHT GREY, DARK GREY, WITH RED STRIPE AND YELLOW LOWER CAB SIDES
73141	NKJR	SL	OLD INTERCITY, LIGHT GREY, DARK GREY, WITH RED STRIPE AND YELLOW LOWER CAB SIDES
56031	NKJM	SL	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
56036	NKJM	SL	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
56046	NKJM	SL	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
56047	NKJM	SL	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
56048	NKJM	SL	CIVIL ENGINEERS GREY/YELLOW (DUTCH)
56049	NKJM	SL	CIVIL ENGINEERS GREY/YELLOW (DUTCH)

KEY

POOL

NKJE	-	Core Fleet, maintained at Eastleigh
NKFE	-	Weekend only Fleet, maintained at Eastleigh
NKJD	-	Shunting Locomotive Pool, maintained at Eastleigh
NKJL	-	Core Fleet, maintained at Stewarts Lane
NKJR	-	Weekend only Fleet, maintained at Stewarts Lane
NKJM	-	Core Fleet, maintained at Stewarts Lane
NKJH	-	Shunting Locomotives Pool, maintained at Selhurst
NKJS	-	Core Fleet, maintained at Stratford
NKJW	-	Weekend only fleet, maintained at Stratford

NAMED LOCOMOTIVES

09009	THREE BRIDGES C.E.D	37023	STRATFORD
09025	VICTORY	56031	MERSEHEAD
09026	WILLIAM PEARSON	56049	INFRASTRUCTURE RESOURCES
09012	DICK HARDY	~~73005~~	~~MID HANTS WATERCRESS LINE~~
31165	STRATFORD MAJOR DEPOT	~~73112~~	~~UNIVERSITY OF KENT AT CANTERBURY~~
33002	SEA KING	73101	THE ROYAL ALEX
33008	EASTLEIGH	73117	UNIVERSITY OF SURREY
33019	GRIFTON	73118	THE ROMNEY AND DYMCHURCH RAILWAY
33025	SULTAN	73119	KENTISH MERCURY
33026	SEAFIRE	73126	KENT AND EAST SUSSEX RAILWAY
33046	MERLIN	73128	O.V.S. BULLIES C.B.E.
33051	SHAKESPEARE CLIFF	73129	CITY OF WINCHESTER
33052	ASHFORD	73130	CITY OF PORTSMOUTH
33057	SEAGULL	73131	COUNTY OF SURREY
33065	SEALION	73133	THE BLUEBELL RAILWAY
33202	THE BURMA STAR	73134	WOKING HOMES 1885 - 1985
		73136	KENT YOUTH MUSIC

USE OF INFRASTRUCTURE LOCOMOTIVES - GUIDELINES

EMERGENCY USE

DEFINITION - Clearance of a failed train from a running line to the nearest suitable recessing point.

AUTHORISATION - Can be used without prior agreement. Owner must be advised on 00-49013

CHARGING - No charge will be sought in 1993/94, unless 'definition' is abused.

UNPLANNED SHORT TERM HIRE

DEFINITION - Under control arrangements to cover such circumstances as:-
1/ Locomotive Failure other than 'Emergency Use'. 2/ Short notice specials 3/ 'Stepping Up' 4/ Emergency Passenger Service requirement. 5/ To haul Breakdown Crane or Snow plough. 6/ Diesel haul trains due to OHLE Failures.

AUTHORISATION - Authority must be given by the owner. (Tel: 00-49013)

CHARGING - An hourly rate will be charged upto ten hours. Thence a daily rate.

PLANNED SHORT TERM HIRE

DEFINITION -Use on a pre-planned basis but not shown in the published locomotive diagrams

AUTHORISATION - Authority must be given by the owner. (Tel: 00-49013)

CHARGING - An hourly rate will be charged. Use beyond the agreed period will be charged at a penalty rate.

DIAGRAMMING HIRE

DEFINITION - Use on a planned basis that is shown in the diagrams published in association with the 8 week cycle.

AUTHORISATION - Authority must be given by the owner (Tel: 00-49013). Agreed use will normally be confirmed by the published locomotive diagram.

CHARGING - An hourly rate will be charged for marginal diagram use or the daily rate for periods over ten hours. Use beyond the agreed period will be charged at a penalty rate.

TRAIN FORMATION (GUIDELINES)

These are only basic guidelines as to the forming of a train under continuous braked conditions. More details can be found in the appropriate Section of the 'Working Manual for Rail Staff'.

1/ Every train must be fully fitted (Class 6, 7 or 8).

2/ The train must be either 'vacuum' or 'air' braked.

3/ All wagons must be compatible (see wagon compatibilities)

4/ No more than three through piped wagons can be marshalled together.

5/ A minimum of three fitted wagons must be provided at the rear of the train. Where trains are required to run round three fitted wagons are required at each end of the train.

6/ If it is not possible to make a fully fitted train with a combination of wagons, two separate fully fitted trains must be formed.

BRAKE FORCES

The chart below is an extract from Section E of the 'Working Manual'. Wagons generate a brake force (see individual wagon page). By adding these up for the whole train including the locomotive, a total available brake force is generated. Taking the total weight of the train, the maximum speed of the train is obtained.

Actual Brake force available (tonnes)	Maximum speed (mph)								
	35	40	45	50	55	60	65	70	75
	Load (tonnes)								
30	185	160	140	130	115	100	90	80	75
40	250	215	190	170	150	135	120	110	100
50	310	270	240	210	190	170	150	135	125
60	375	325	285	255	230	200	180	165	150
70	435	380	330	295	270	235	215	190	175
80	500	430	380	340	305	270	245	220	200
90	560	485	430	385	345	305	275	245	225
100	625	540	475	425	385	340	305	275	250
110	685	595	525	470	420	370	335	300	275
120	750	650	570	510	460	405	365	330	300
130	810	700	620	550	500	440	395	355	325
140	875	755	670	595	535	475	425	385	350
150	935	810	715	640	575	510	455	410	375
160	1000	865	765	680	615	540	485	435	400
170	1060	920	810	720	650	575	515	465	425
180	1125	970	860	765	690	610	545	495	450
190	1185	1025	905	805	730	645	575	520	475
200	1250	1080	955	850	765	680	605	550	500
210	1310	1135	1000	890	805	710	635	575	525
220	1375	1190	1045	935	840	745	665	600	550
230	1435	1245	1095	975	880	780	695	630	575
240	1500	1295	1140	1020	920	810	725	665	600
250	1560	1350	1190	1060	955	845	755	685	625
260	1625	1405	1235	1105	995	880	790	710	650
270	1685	1460	1285	1145	1035	915	820	740	675
280	1750	1515	1335	1190	1070	945	850	765	700
290	1810	1565	1380	1230	1110	980	880	795	725

TRAIN CLASSIFICATION

Frieght train permitted to run at more than 60 mph	-	Class 4
Frieght train permitted to run at 50, 55 or 60 mph	-	Class 6
Frieght train permitted to run at 40 or 45 mph	-	Class 7
Frieght train permitted or timed to run at 35 mph	-	Class 8
Unfitted Frieght train	-	Class 9
Light locomotive(s)	-	Class 0

ROUTE AVAILBILITY

All sections of line are classified according to the axle-loading permitted over the section. This classification consists of a series of code numbers ranging from 1 to 10. All wagons generate RA values, which vary depending on their load. Therefore as an example, if the RA code for the route is 7, a wagon rated 8 must be excluded. The only authority for vehicles to travel over a route with a lower RA code number than that of the wagon is to issue a BR29973 (exceptional load) form to the traincrew.

Vehicle RA	Routes over which vehicle may travel									
1	1	2	3	4	5	6	7	8	9	10
2		2	3	4	5	6	7	8	9	10
3			3	4	5	6	7	8	9	10
4				4	5	6	7	8	9	10
5					5	6	7	8	9	10
6						6	7	8	9	10
7							7	8	9	10
8								8	9	10
9									9	10
10										10

A list of wagons which generate a high Route Availbility when heavily loaded is shown on the next page.

A list of the routes which have a Route Availbility below RA8 is also shown on the next page.

VEHICLES WITH A HIGH ROUTE AVAILABILITY

TYPE	CODE	R.A. WHEN HEAVILY LOADED
BRILL	YAA/YNA	7
CRANE (12T)	YOB	7
SEAHORSE	ZCA	7
TRACKLAYER	YJB	7
BEDSTEAD/GEISMAR	YFA	8
HALIBUT	YCA	8
SQUID	ZDA	8
STURGEON	YBA/YBB	8
TENCH	YPA	8
BASS	ZDA	9
FLATROL	YXR	9
PIKE	ZAA	9

The above list applies to heavily loaded wagons only. By reducing a load to 'medium' loaded, the R.A. value comes down allowing wagons to run over routes with a low route availability. It is important that loads are properly reported to T.O.P.S. to avoid wagons being reported as 'heavily' loaded and generating a high R.A. when in fact they are 'only medium' loaded. The R.A. within each wagon Pool may vary slightly. Clarification can be made by doing a wagon enquiry on the individual wagon concerned. (See T.O.P.S. pages)

N.S.E. ROUTES WITH A LOW ROUTE AVAILABILITY

BOW JN - FENCHURCH STREET	6	LT&S
FEN DRAYTON BRANCH	6	WA&GN
HALIFAX JN - GRIFFIN WHARF	6	GE
MARKS TEY - SUDBURY	6	GE
WITHAM - BRAINTREE	6	GE
CLAPHAM JUNCTION - CHINGFORD	7	WA&GN
COLCHESTER - COLCHESTER TOWN/CLACTON/WALTON	7	GE
SHENFIELD - SOUTHEND VICTORIA/SOUTHMINSTER	7	GE
BLACKFRIARS - HERNE HILL	4	SE
ASHFORD - DUNGENESS POWER STATION	6	SE
GILLINGHAM - SHERBORNE	6	SW
METROPOLITAN JN - BLACKFRIARS	6	SE
NORTH KENT EAST JN - CHARLTON JN	6	SE
UCKFIELD SELSDON OIL SIDINGS - EAST GRINSTEAD	6	SC
VOLTARE ROAD JN - CROFTON ROAD JN	6	SE
WEYMOUTH - WEYMOUTH QUAY	6	SW
ASH VALE JN - ALTON	7	SW
FAREHAM - ST DENYS	7	SW
FAVERSHAM - DOVER	7	SE
OLD KEW JN - HOUNSLOW	7	SW
OTFORD JN - ASHFORD	7	SE
SOUTHERHAM JN - SEAFORD	7	SC
WILTON JN - GILLINGHAM	7	SW
WILTON JN - WARMINSTER	7	SW

<u>RA 9 & 10 VEHICLES ARE PROHIBITED BETWEEN WATERLOO & QUEENSTOWN ROAD.</u>

NEASDEN - AYLESBURY	7	T&C

STANDARD LENGTHS UNITS

FEET	SLUs	FEET	SLUs	FEET	SLUs	FEET	SLUs
Up to 21	1	526-546	26	1051-1071	51	1576-1596	76
22- 42	2	547-567	27	1072-1092	52	1597-1617	77
43- 63	3	568-588	28	1093-1113	53	1618-1638	78
63- 84	4	589-609	29	1114-1134	54	1639-1659	79
84-105	5	610-630	30	1135-1155	55	1660-1680	80
106-126	6	631-651	31	1156-1176	56	1681-1701	81
127-147	7	652-672	32	1177-1197	57	1702-1722	82
148-168	8	673-693	33	1198-1218	58	1723-1743	83
169-189	9	694-714	34	1219-1239	59	1744-1764	84
190-210	10	715-735	35	1240-1260	60	1765-1785	85
211-231	11	736-756	36	1261-1281	61	1807-1827	87
253-273	13	778-798	38	1303-1323	63	1828-1848	88
274-294	14	799-819	39	1324-1344	64	1849-1871	89
295-315	15	820-840	40	1345-1365	65	1870-1890	90
316-336	16	841-861	41	1366-1386	66	1891-1920	91
337-357	17	862-882	42	1387-1407	67	1921-1932	92
358-378	18	883-903	43	1408-1428	68	1933-1953	93
379-399	19	904-924	44	1429-1449	69	1954-1974	94
400-420	20	925-945	45	1450-1470	70	1975-1965	95
412-441	21	946-966	46	1471-1491	71	1996-2016	96
442-462	22	967-987	47	1492-1512	72	2017-2037	97
463-483	23	988-1008	48	1513-1533	73	2038-2058	98
484-504	24	1009-1029	49	1534-1554	74	2059-2079	99
505-525	25	1030-1050	50	1555-1575	75	2080-2100	100

METRES	SLUs	METRES	SLUs	METRES	SLUs	METRES	SLUs
Up to 6.4	1	160.3-166.4	6	320.3-326.3	1	480.3-486.4	76
6.7-12.8	2	166.7-172.8	27	326.7-332.8	52	486.7-492.8	77
13.1-19.2	3	173.1-179.2	28	333.1-339.2	53	493.1-499.2	78
19.5-25.6	4	179.5-185.6	29	339.5-345.6	54	499.5-505.6	79
25.9-32.0	5	185.9-192.0	30	345.9-352.0	55	505.9-512.0	80
32.3-38.4	6	192.3-198.4	31	352.3-358.4	56	512.3-518.4	81
38.7-44.8	7	198.7-204.8	32	358.7-364.8	57	518.7-524.8	82
45.1-51.2	8	205.1-211.2	33	365.1-371.2	58	525.1-531.2	83
51.5-57.6	9	211.5-217.6	34	371.5-377.6	59	531.5-537.6	84
57.9-64.0	10	217.9-224.0	35	377.9-384.0	60	537.9-544.0	85
64.3-70.4	11	224.3-230.4	36	384.3-390.4	61	544.3-550.4	86
70.7-76.8	12	230.7-236.8	37	390.7-396.8	62	550.7-556.8	87
77.1-83.2	13	237.1-243.2	38	397.1-403.2	63	557.1-563.2	88
83.5-89.6	14	243.5-249.6	39	403.5-409.6	64	563.5-569.6	89
89.9-96.0	15	249.9-256.0	40	409.9-416.0	65	569.9-576.0	90
96.3-102.4	16	256.3-262.4	41	416.3-422.4	66	576.3-582.4	91
102.7-108.8	17	262.7-268.8	42	422.7-428.8	67	582.7-588.8	92
109.1-115.2	18	296.1-275.2	43	429.1-435.2	68	589.1-595.2	93
115.5-121.6	19	275.5-281.6	44	435.5-441.6	69	595.5-601.6	94
121.9-128.0	20	281.9-288.0	45	441.9-448.0	70	601.9-608.0	95
128.3-134.4	21	288.3-294.4	46	448.3-454.4	71	608.3-614.4	96
134.7-140.8	22	294.7-300.8	47	454.7-460.8	72	614.7-620.8	97
141.3-147.2	23	301.1-307.2	48	461.1-467.2	73	621.1-627.2	98
147.5-153.6	24	307.5-313.6	49	467.5-473.6	74	627.5-633.6	99
153.9-160.0	25	313.9-320.0	50	473.9-480.0	75	633.9-640.0	100

WAGON TYPE CODES

CODE	DESCRIPTION	BRAKE	CODE	DESCRIPTION	BRAKE
QPB	MESS VAN	AIR, VAC PIPE	ZBV	GRAMPUS	VACUUM
QPV	MESS VAN	VACUUM	ZCA	SEAHORSE/SEAHARE/	AIR
QPW	MESS VAN	VAC, AIR PIPE		SEA URCHIN/ POLLOCK	
QQV	TOOL VAN	VACUUM	ZCV	CLAM/TOPE/CRAB/DACE	VACUUM
QQX	TOOL VAN	DUAL	ZDA	BASS/SQUID	AIR
QRX	STORES VAN	DUAL	ZDV	TUBE/PIPE	VACUUM
QSV	BARRIER/RUNNER	VACUUM	ZDW	TUBE	VAC, AIR PIPE
QVX	CABLE WAGON	DUAL	ZEV	CATFISH	VACUUM
QXA	GENERATOR VAN	AIR	ZFV	DOGFISH	VACUUM
QXW	TUNNEL INSPECTION	VAC, AIR PIPE	ZGA	SEAL	AIR
QXX	PANTOGRAPH COACH	DUAL	ZJV	MERMAID	VACUUM
YAA	BRILL/CABLE WAGON	AIR	ZKV	BARBEL	VACUUM
YBA	STURGEON	AIR	ZOB	CRANE	AIR, VAC PIPE
YBB	STURGEON	AIR, VAC PIPE	ZOP	CRANE	VACUUM PIPE
YCA	HALIBUT	AIR	ZOR	CRANE	VAC & AIR PIPE
YCV	TURBOT	VACUUM	ZPQ	MESS VAN	AIR PIPE
YEA	PORPOISE (LWR)	AIR	ZPR	BRAKE (STAFF)	VAC & AIR PIPE
YFA	BEDSTEAD/GEISMAR	AIR	ZPV	BRAKE (STAFF)	VACUUM
YGB	SEACOW	AIR, VAC PIPE	ZRA	COVERED VAN	AIR
YGH	SEALION	DUAL	ZRP	LOWMAC/TANK	VACUUM PIPE
YHA	WHALE	AIR	ZRV	LOWMAC	VACUUM
YJB	TRACKLAYER	AIR, VAC PIPE	ZRX	COVERED VAN	DUAL
YJV	TRACKLAYER	VACUUM	ZRW	TANK	VAC, AIR PIPE
YJW	TRACKLAYER	VAC, AIR PIPE	ZSB	RUNNER	AIR, VAC PIPE
YJX	TRACKLAYER	DUAL	ZSR	RUNNER	VAC & AIR PIPE
YKA	MARLIN	AIR	ZSV	RUNNER	VACUUM
YLA	MULLET	AIR	ZSX	COVERED VAN	DUAL
YMA	SALMON	AIR	ZTP	BRAKE VAN	VACUUM PIPE
YMB	SALMON	AIR, VAC PIPE	ZTR	BRAKE VAN	VAC & AIR PIPE
YNA	BRILL	AIR	ZTV	BRAKE VAN	VACUUM
YOB	CRANE	AIR, VAC PIPE	ZTW	BRAKE VAN	VAC, AIR PIPE
YOW	ATLAS CRANE	VACUUM	ZUV	SHARK BRAKE	VACUUM
YPA	TENCH	AIR	ZUW	SHARK BRAKE	VAC, AIR PIPE
YQA	PARR	AIR	ZVP	LOWMAC	VACUUM PIPE
YRR	WELTROL	DUAL PIPE	ZVR	FLATROL	VAC, AIR PIPE
YRW	BALE	VAC, AIR PIPE	ZVV	LOWMAC/CABLE WAGON	VACUUM
YVA	CABLE WAGON	AIR	ZVW	LOWMAC/FLATROL	VAC, AIR PIPE
YVR	FLATROL	VAC & AIR PIPE	ZVX	LOWMAC	DUAL
YVV	CABLE WAGON	VACUUM	ZWB	BALLAST CLEANER	AIR, VACUUM
YVW	FLATROL	VAC, AIR PIPE	ZXA	GENERATOR VAN	AIR
YXA	POWER WAGON (LWR)	AIR	ZXQ	LOWMAC	AIR PIPE
YXR	FLATROL	VAC & AIR PIPE	ZXR	FLATROL	VAC & AIR PIPE
YXQ	FLATROL	AIR	ZXV	LOWMAC	VACUUM
ZAA	PIKE	AIR	ZXW	LOWMAC	VAC, AIR PIPE
ZBA	RUDD/CARP	AIR	ZYA	COVERED VAN	AIR

BRAKE TYPES (3rd letter of type code)

A = Air Brake	R = Dual Pipe	B = Air Brake and Vacuum Pipe
V = Vacuum Brake	H = Dual Brake	W = Vacuum Brake and Air Pipe
P = Vacuum Pipe	X = Dual Brake	Q = Air Pipe

WAGON COMPATIBILITIES

AIR

WHALE		YBA
SEALION		YGH
SEACOW		YGB
SEAHARE		ZCA
SEAHORSE		ZCA
RUDD		ZBA
SEA URCHIN		ZCA
BASS		ZDA
SQUID		ZDA
SEAL		ZGA
CARP		ZBA
HALIBUT		YCA
POLLOCK		ZCA
TUBE	P	ZDW
BEDSTEAD/GEISMAR		YEA
PARR		YQA
SALMON		YMA
STURGEON		YBA
TENCH		YPA
SHARK BRAKE	P	ZUW
BRAKE VAN	P	ZTR
CABLE LAYER		YAA/YVA
WIRING TRAIN		QVX
PANTOGRAPH		QXX/QRX
GENERATOR VAN		ZXA
ELECTRIFICATION VAN		ZRA/ZYA
COVERED VAN (BF)		ZRX/ZSX
LOWMAC	P	ZVW/ZXW
LOWMAC	P	ZVR
LOWMAC	P	ZXQ
FLATROL	P	ZVW
FLATROL	P	ZVR
FLATROL	P	ZXR
FLATROL	P	YXR
FLATROL	P	YXQ
FLATROL	P	YVR
WELTROL	P	YXR
WELTROL	P	YRR
POWER WAGON (LWR)		YXA
BALE	P	YRW
BRILL		YNA
MULLET	P	YLA
MARLIN		YKA
PORPOISE (LWR)		YEA
RUNNER		ZSB
MESS VAN		QPB
MESS VAN	P	QPW
TOOL VAN		QQX
HAP CRANE		YXR
CRANE		YOB/ZOB
ATLAS CRANE	P	YOW
TRACKLAYER		YJB/X
TRACKLAYER	P	YJW
BALLAST CLEANER		ZWB

VACUUM

SEALION		YGH
SEACOW	P	YGB
DOGFISH		ZFV
CRAYFISH		ZEV
CRAB		ZCV
DACE		ZCV
CLAM		ZCV
TOPE		ZCV
TUBE		ZDV
SALMON	P	YMB
SHARK BRAKE		YUV
BRAKE VAN	P	ZTP/R
BRAKE VAN		ZTV/W
CABLE LAYER		ZVV
CABLE LAYER		YVV
CABLE LAYER	P	YVP/R
WIRING TRAIN		QVX/W
PANTOGRAPH TRAIN		QXX/QRX
COVERED VAN (BF)		ZRX/ZSX
LOWMAC		ZVW/ZXW
LOWMAC	P	ZVP/R
LOWMAC	P	ZRP
LOWMAC		ZXV
LOWMAC		ZRV
FLATROL		ZVW
FLATROL	P	ZVR
FLATROL	P	ZXR
FLATROL	P	YXR
FLATROL	P	YXR
WELTROL	P	YXR
WELTROL	P	YRR
BALE		YRW
RUNNER		ZSV
RUNNER	P	ZSB/R
MESS VAN		QPV/W
MESS VAN	P	QPB
TOOL VAN		QQV/X
HAP CRANE	P	YRW
CRANE	P	YOB
ATLAS CRANE		YOW
TRACKLAYER	P	YJB/X
TRACKLAYER		YJV/W
BALLAST CLEANER	P	ZWB

DEPARTMENTAL TRAIN FORMATIONS MUST CONSIST OF ALL VACUUM OR AIR BRAKED WAGONS, ALLOCATED FROM EITHER THE AIR OR VACUUM COLUMN. CROSS MATCHING IS NOT POSSIBLE.

P = WAGON IS PIPED ONLY.

WAGON POOL NUMBERS

POOL NO.	TYPE	MAIN USER	POOL NO.	TYPE	MAIN USER
5100	DWR TRAINS	NSE	5355	SEAHARE	NSE (N)
5101	SEACOW (LIGHTED)	NSE (S)	5357	WHALE	NSE (N)
5111	SEALION	NSE (S)	5358	CLAM	NSE (N)
5113	SEACOW	NSE (S)	5360	TOPE	NSE (N)
5115	SEAHORSE	NSE	5364	RUDD	NSE (N)
5121	CRAB	NSE (S)	5369	STURGEON	NSE (N)
5123	DACE	NSE (S)	5375	SALMON	NSE (N)
5135	RUDD (MODIFIED)	NSE (S)	5377	BASS	NSE (N)
5137	RUDD	NSE (S)	5378	BEDSTEAD	NSE (N)
5151	PARR	NSE	5379	TENCH	NSE
5152	SALMON (FLAT TOP)	NSE (S)	8047	CONVERSION	NSE
5153	CARP/HALIBUT/POLLOCK	NSE (S)	8393	ELECTRIFICATION VAN	NSE(NEE)
5154	SALMON (DUAL)	NSE (S)	8665	ROMFORD OHL DEPOT	NSE(NEE)
5159	SEA URCHIN	NSE (S)	8761	TUBE	NSE(NEE)
5164	FLATROL/LOWMAC	NSE (S)	8765	WELTROL/FLATROL/LOWMAC	NSE(NEE)
5168	GEISMAR/RUNNER	NSE (S)	8767	MISCELLANEOUS	NSE(NEE)
5170	BRAKE VANS	NSE	8769	CABLE LAYER	NSE(NEE)
5171	RETURN HOME	NSE	8771	BASS (STEEL)	NSE
5172	TUNNEL TRAIN	NSE	8775	BASS (WOODEN)	NSE
5176	BRAKE FORCE	NSE	8781	LT&S RESIGNALLING	NSE(S&T)
5190	SQUID (SE)	NSE (S)	8783	CABLE TRAIN	NSE(S&T)
5192	SQUID/SEAL (SC)	NSE (S)	8789	CABLE TRAIN (SPARES)	NSE(S&T)
5194	SQUID (SW)	NSE (S)	8791	CABLE TRAIN	NSE(S&T)
5302	SHARK BRAKE VAN	NSE	8793	CABLE TRAIN	NSE(S&T)
5312	FLATROL/LOWMAC	NSE (N)	8795	CABLE TRAIN	NSE(S&T)
5351	SEACOW (LIGHTED)	NSE (N)	8797	CABLE TRAIN	NSE(S&T)
5352	STORED/FOR SALE	NSE			
5353	DOGFISH	NSE (N)	9901	CONDEMNED WAGONS	NSE
5354	CATFISH	NSE (N)			

KEY

NSE = Used throughout Network SouthEast
NSE (S) = Used mainly on SE, SC, SW & T&C Divisions
NSE (N) = Used mainly on GE, WA & GN & LT&S Divisions
NSE (T&C) = Used mainly on Thames and Chiltern Division
NSE (S&T) = Used mainly by the S & T Department
NSE (NEE) = Used mainly by the NEE Department
NSE (LTS) = Used on the LT&S Re-signalling scheme

Wagons are separated between NSE (S) and NSE (N) for ease of movement. But should there be a shortfall of resource in one area, wagons will be moved from anywhere within NSE in order to cover the deficit.

PLANT POOL NUMBERS

POOL NO.	TYPE	MAIN USER	POOL NO.	TYPE	MAIN USER
7100	STORED PLANT	NSE (S)	7300	CRANE/RUNNER/MV	NSE (N)
7160	BALLAST CLEANER/MV/TV	NSE (S)		TRACKLAYER/MV	
7162	TRACKLAYER/MV/MARLINS	NSE (S)		BALLAST CLEANER/MV/TV	
7166	CRANE/RUNNER/MV	NSE (S)		BAP CRANE	
7174	SPARE VANS	NSE (S)		BALE	
7224	CRANE	NSE(T&C)	8773	CRANE/RUNNER	NSE(NEE)

WAGON COMMODITIES

		TOP BALLAST	BASE STONE	CHIPPINGS/W'STONE	DUST	SAND	LOAD SPOIL	UNLOAD SPOIL	CONCRETE SLEEPERS	60 FT RAILS	PREFAB	600 FT RAILS	SWITCH & CROSSING	TROUGHING	SCRAP	GEN MATERIAL	SUB EQUIPMENT	DIGGER/DOZER	STOCKPILE	TRANSFORMERS
WHALE	N	XXX																		
SEALION	NSE	XXX																		
SEACOW	NSE	XXX																		
DOGFISH	N	XXX																		
CATFISH	N	XXX																		
CRAB	S		XXX																	
DACE	S		XXX																	
SEABARB	N		XXX	XXX																
SEAHORSE	NSE		XXX																XXX	
RUDD	S		XXX	XXX	XXX	XXX	XXX	XXX								XXX			XXX	
RUDD	N			XXX	XXX	XXX	XXX	XXX	XXX						XXX	XXX				
SEA URCHIN	S						XXX	XXX												
CLAM	N						XXX	XXX												
TOPE	N						XXX												XXX	
BASS (WOOD)	NSE													XXX		XXX				
BASS (STEEL)	NSE								XXX					XXX		XXX				
SQUID	S															XXX				
SEAL	S															XXX				
CARP	S												XXX		XXX	XXX				
HALIBUT	S												XXX		XXX	XXX				
POLLOCK	S												XXX		XXX	XXX				
TUBE	NSE													XXX		XXX				
BEDSTEAD	N									XXX										
GEISMAR	S									XXX										
PARR	NSE								XXX											
SALMON (FT)	NSE								XXX		XXX									
SALMON (DUAL)	NSE									XXX	XXX		XXX							
STURGEON	N								XXX		XXX									
TENCH	NSE									XXX			XXX		XXX					
FLATROL	NSE																XXX	XXX		XXX
LOWMAC	NSE																XXX	XXX		XXX
HAP CRANE	N												XXX		XXX					
LWR TRAIN	NSE											XXX								

S - Denotes that the wagon is used mainly on Network SouthEast (South)
N - Denotes that the wagon is used mainly on Network SouthEast (North)
NSE - Denotes that the wagon is used throughout Network SouthEast

EMPTY WAGON WEIGHTS															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
WHALE	25	50	75	100	125	150	175	200	225	250	275	300	325	350	375
SEACOW/LION	22	44	66	88	110	132	154	176	198	220	242	264	286	308	330
DOGFISH	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180
CATFISH	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
CRAB	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
DACE	11	22	33	44	55	66	77	88	99	110	121	132	143	154	165
SEAHARE	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225
SEAHORSE	16	32	48	64	80	96	112	128	144	160	176	192	208	224	240
RUDD	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
SEA URCHIN	14	28	42	56	70	84	98	112	126	140	154	168	182	196	210
CLAM	11	22	33	44	55	66	77	88	99	110	121	132	143	154	165
TOPE	9	18	27	36	45	54	63	72	81	90	108	117	126	135	144
BASS	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225
SQUID	14	28	42	56	70	84	98	112	126	140	154	168	182	196	210
SEAL	11	22	33	44	55	66	77	88	99	110	121	132	143	154	165
CARP	13	26	39	52	65	78	91	104	117	130	143	156	169	182	195
HALIBUT	24	48	72	96	120	144	166	192	216	220	244	268	292	316	340
POLLOCK	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180.
TUBE	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180
BEDSTEAD/GEISMAR	29	58	87	116	145	174	203	232	261	290	319	348	377	416	435
PARR	31	62	93	124	155	186	217	248	279	310	341	372	403	434	465
SALMON	28	56	84	112	140	168	196	224	252	280	308	336	364	392	420
STURGEON	28	56	84	112	140	168	196	224	252	280	308	336	364	392	420
TENCH	28	56	84	12	140	168	196	224	252	280	308	336	364	392	420
SHARK/BRAKE	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300
CABLE LAYER ZVV	11	22	33	44	55	66	77	88	99	110	121	132	143	154	165
CABLE LAYER YVV	16	32	48	64	80	96	112	128	144	160	176	192	208	224	240

EMPTY WAGON WEIGHTS

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CABLE LAYER YAA	24	48	72	96	120	144	168	192	216	240	264	288	312	336	360
CABLE LAYER YVP	18	36	54	78	90	108	126	144	162	180	198	216	234	252	270
WIRING	35	70	105	140	175	210	245	280	315	350	385	420	455	490	525
PANTOGRAPH	34	68	102	136	170	204	238	272	306	340	374	408	442	476	510
GENERATOR	18	36	54	72	90	108	126	144	162	180	198	216	234	252	270
VAN (NEE)	17	34	51	68	85	102	119	136	153	170	187	204	221	238	255
VAN (EF)	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225
FLATRCL *	15	30	45	60	75	90	105	120	135	150	165	180	195	210	215
LOWMAC *	13	26	39	52	65	78	91	104	117	130	143	156	169	182	195
WELTRCL *	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300
SKAKO	26	52	78	104	130	156	182	208	234	260	286	312	338	364	390

* = Average Weight

LOADED WAGON WEIGHTS															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
WHALE	76	152	228	304	380	456	532	608	684	760	836	912	988		
SEACOW/LION	63	126	189	252	315	378	441	504	567	630	693	756	819	882	945
DOGFISH	36	72	108	144	180	216	252	288	324	360	396	432	468	504	540
CATFISH	30	60	90	120	150	180	210	240	270	300	330	360	390	420	450
CRAB	30	60	90	120	150	180	210	240	270	300	330	360	390	420	450
DACE	31	62	93	124	155	186	217	248	279	310	341	372	403	434	465
SEAHARE	41	82	123	164	205	246	287	328	369	410	451	492	533	574	615
SEAHORSE	41	82	123	164	205	246	287	328	369	410	451	492	533	574	615
RUDD	31	62	93	124	155	186	217	248	279	310	341	372	403	434	465
SEA URCHIN	41	82	123	164	205	246	287	328	369	410	451	492	533	574	615
CLAM	32	64	96	128	160	192	224	256	288	320	352	384	416	448	480
TOPE	30	60	90	120	150	180	210	240	270	300	330	360	390	420	450
BASS	46	92	138	184	230	276	322	368	414	460	506	552	598	644	690
SQUID	46	92	138	184	230	276	322	368	414	460	506	552	598	644	690
SEAL	33	66	99	133	165	198	231	264	297	330	363	396	429	482	495
CARP	40	80	120	160	200	240	280	320	360	400	440	480	520	560	600
HALIBUT	80	160	240	320	400	480	560	640	720	800	880	960			
POLLOCK	42	84	126	168	210	256	294	336	378	420	462	504	546	588	630
TUBE	34	68	102	136	170	214	238	272	306	340	374	408	442	476	510
BEDSTEAD/GEISMAR	78	148	234	312	390	468	546	624	702	780	858	936			
PARR	80	160	240	320	400	480	560	640	720	800	880	960			
SALMON	79	150	237	316	395	474	553	632	711	790	869	948			
STURGEON	79	150	237	316	395	474	553	632	711	790	869	948			
TENCH	79	150	237	316	395	474	553	632	711	790	869	948			
SHARK/BRAKE	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300
CABLE LAYER ZVV	34	68	102	136	170	204	238	272	306	340	374	408	442	476	510
CABLE LAYER YVV	49	94	141	188	235	279	326	373	420	467	514	561	608	655	702

LOADED WAGON WEIGHTS															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CABLE LAYER YAA	80	160	240	320	400	480	560	640	720	800	880	960			
CABLE LAYER YVP	38	76	114	152	190	228	266	304	342	380	418	456	494	532	570
WIRING	40	80	120	160	200	240	280	320	360	430	440	480	530	560	600
PANTOGRAPH	38	76	114	152	190	228	266	304	342	380	418	456	494	532	570
GENERATOR	41	82	123	164	205	246	287	328	369	410	451	492	533	574	615
VAN (NEE)	46	92	138	184	230	276	322	368	414	460	506	552	598	644	690
VAN (EF)	35	70	105	140	175	210	245	280	315	350	385	420	455	490	525
FLATROL *	35	70	105	140	175	210	245	280	315	350	385	420	455	490	525
LOWMAC *	33	66	99	132	165	198	231	264	297	330	363	396	429	462	495
WELTROL *	60	120	180	240	300	340	420	480	540	600	660	720	780	840	900
SKAKO	90	180	270	360	450	540	630	720	810	900	990				
* = Average Weight															

WAGON MAINTENANCE/REPAIR

It is strictly against the rules to reload a wagon which has been cripple carded. Any infringement of this rule will result in disciplinary action.

Wagons for repair or maintenance must be put on the earliest available service to the maintenance point. If this is not done, considerable delay to the return of the wagon will result.

Hoppers	- All hoppers must be completely discharged prior to being sent for maintenance. Doors must be checked to ensure they are completely shut. The outer structure of the wagon must be swept clean.
Open Wagons	- All material must be unloaded. The floor and outer structure must be swept clean.
Bogie wagons	- Must be swept clean and all boxes emptied.
Tool/Mess Vans	- To be emptied of all personal and BR material where repairs may involve the interior of the vehicle. Those being overhauled must be emptied.
Cable Layers	- All cable drums must be removed.

REMEMBER THE FASTER WAGONS ARE RELEASED FOR REPAIR THE QUICKER THEY WILL BE RETURNED TO SERVICE.

In order to improve control of wagons for repair, and reduce the number that are 'repair labelled' at random, schemes have been implemented whereby wagons are maintained on a planned basis, known as 'Planned Preventive Maintenanace' which usually involves light repair work and 'Vehicle Inspection and Brake Test' a yearly examination, both carried out at selected locations.

Liason is maintained between the C&W depots and the Infrastrcuture Resources Group, regarding the provision of wagons and priorities for repair.

Empty wagons should be released to go to the C&W repair point provided no shortage of that particular type of wagon will result. Infrastructure Resources Group will confirm. Wagons should be sent for PPM/VIBT on a Monday and released by Friday for weekend use. Both PPM and VIBT can be automaically controlled through the TOPS computer.

Whenever a wagon is released empty on T.O.P.S., the computer checks to see if the pool that the wagon is in is subject to either Auto PPM or VIBT. If the answer to this initial question is yes, then after ensuring that thhe vehicle is not already crippled the computer examines the PPM and VIBT dates. If the wagon is due maintenance, the T.O.P.S. computer will apply a cripple code of 'P', (for PPM), or 'U', (for VIBT). At the same time the computer will destine the vehicle to its Assigned Maintenance Point (AMP). The cripple codes of 'P' and 'U' will appear on all T.O.P.S. outputs including shunt lists and train consists. It is therefore the operators responsibility to ensure that vehicles so identified are sent for maintenance. Wagons which over-run their due maintenance date (VIBT or Mandatory PPM), will after a preset number of days become crippled either 'O' (Overdue PPM), or 'H', (Overdue VIBT). When either of these codes are displyed T.O.P.S. will not allow the wagon to be loaded or destined to anywhere other than the AMP.

CRIPPLE DESCRIPTION CODES

These are input to the T.O.P.S. system automatically in the case of PPM and VIBT, or by the Area Freight Centres on the instructions of Carriage and Wagon staff. A J6 wagon enquiry will indicate which cripple description code (if any) applies to that particular wagon.

A - Restricted Movement. Crippled vehicle authorised for restricted movement to specified repair point at maximum 35mph

B - For BREL works - rebody (B.R. & R.I.V. vehicles only) graded vehicle for rebodying at BREL works

C - Condemned (B.R., R.I.V. & NPCCS vehicles only) Vehicle agreed for condemnation and awaiting disposal.

D - Damage (B.R. owned vehicles only) to apply to BR owned vehicles damaged by private party for which costs are directly recoverable. Such wagons will not be subject to normal cripple distribution until claim for damage has been agreed.

E - Vehicle to go forward with defective brakes but with "through" pipe in working order

F - Auto - PPM scheme. Vehicle in auto - PPm scheme due PPM but not yet allocated input and output computer generated

G - Green carded. (a) Empty vehicle en-route to, or at, catchment area focal point for grading. (b) Loaded or empty vehicle en-route in train, safe to travel forward to destination.

H - Wagon overdue VIBT by more than 28 days or 4 weeks

I - Condemned to be broken up on site

J - Condemned vehicle on "one journey only" carded for disposal either (a) breaking up or (b) internal use. Note - this cripple code is also to be used to cover one journey only movement of vehicles not registered to run on BR after requisite inspection & approval as laid down

K - Subject to claim (privately owned vehicles only) vehicle damaged for which BR may be liable for the cost of repair and loss of use

L - Green - carded - Local. Empty vehicle for local repair - wicthout grading

M - Vehicle assessed as over monetary limit for repair and submitted for decision

N - Green - carded (B.R., R.I.V. & NPCCS vehicles only) Vehicle graded for repair at out station repair point/dep

O - 14 days overdue Planned Preventive Maintenance; Enroute to or at repair point. Cannot be tk'd or loaded by AFC's without the assistance of FVMC at Derby.

P - Due Planned Preventive Maintenance; Vehicle enroute or at repair point for Planned Preventive Maintenence. If such vehicle is also crippled then the appropriate cripple code must be used

Q - Defective brake - pipe not operative. Vehicle to go forward with defective brake and "through" pipe not in working order.

R - Red carded vehicle, confined to siding where carded not to go.

S - For modification. Vehicle specifically for modification or conversion.

T - For tranship. Vehicle requireing tranship of load prior to receiving repair.

U - Wagon to go for VIBT (Green carded). Input computer generated.

W - For BREL or private works repair. Graded vehicle for BREL works classified repair (NPCCS) vehicles for private repairer or BREL main works classified repair (privately owned vehicles)

X - For inspection/rectification. Vehicle returning to/at previous repair point for inspection of work carried out.

Y - Yard - to - yard. Red carded vehicle authorised as safe for shunt movement in or between adjacent yards.

Z - Awaiting Materials. Vehicle for repair, but unable to complete due to awaiting receipt of materials.

MONETARY LIMITS

1. The limits listed represent the maximum depot expenditure permitted on repairing a wagon without further authority.

   Costs must include all items used in the repair, including laminated springs changed in accordance with the laminated spring policy, hydraulic buffers changed on condition and wheel sets.

   The only exception is work carried out in accordance with modifications and engineering instructions.

2. Before any repairs are commenced, pool number and heading for all wagons must be checked to ensure that wagons placed in condemnation or transfer pools are dealt with in accordance with the pool header and not repaired or submitted unnecessarily.

3. Wagons shown "condemn on sight" should be condemned when they arise for any out of traffic repairs. A nil Monetary Limit also precludes any PFM or Pad Examination attention being given to the wagons concerned, without prior submission.

4. Any wagon submitted as over the Monetary Limit and subsequently authorised for repairs which can not be carried out at it's current location must have it's labels endorsed as follows:-

   (1) Front of label to be prominently marked "Authorised Overcost Repair"

   (2) Reverse of label to be marked with:-

      (A) Owning business or department responsible for authorising the overcost repair.

      (B) Cost authorised

5. When any wagon is agreed for condemnation, whether as a result of submission or not, the person with the responsibility for that wagon must:-

   (A) Arrange for the immediate submission of form RSL2, to the appropriate condemnation & disposal engineer. See list on next page for contact addresses.

   (B) Arrange for the wagon to be placed in cripple code "C" on TOPS. Until such time as disposal instructions are obtained. If disposal instructions are given at the time of receipt of authority to condemn then the cripple code to be applied must be "J".

6. REPORTING INSTRUCTIONS. Any wagon requiring a repair in excess of the Monetary Limit, have cripple code "M" applied and be submitted as follows:-

   Submit by TOPS ZZ message (or fax) in accordance with the format shown at the foot of this page to the appropriate owner as indicated on wagon pool header from TOPS with a copy to the relevant shopping engineer as detailed below.

   Where it is not possible to submit a vehicle directly to the owner for whatever resason, form RSL2 may be sent (or faxed) to the relevant shopping engineer, who will arrange for a decision to be made by the owning business. This method will often lead to delays in answering your submission and is to be avoided wherever possible.

MONETARY LIMITS

SHOPPING ENGINEER - ADDRESS						TOPS LATA	FAX NO
TLF	-	Room 191T	-	RTC	- Derby	L772990	05-64810
RFD	-	Room 77T	-	RTC	- Derby	WN72990	05-62809
INFRASTRUCTURE	-	Room 191T	-	RTC	- Derby	L672990	05-64810

Under no circumstances must repairs / maintenance be carried out in excess of the Monetary Limit without prior authority from the vehicle owner.

7. Requests for changes to Monetary Limits - will only be accepted by F.V.M.C. on receipt of a sutiably completed and signed copy of page M/LAMEND.

AAR KND	WAGON DESCRIPTION		DEPOT MONEY LIMIT
QPBC	STAFF VAN		500
QPWC	STAFF VAN		500
QQVA	TOOL VAN		500
QQXA	TOOL VAN		500
QRAE	STORES VEHICLE		500
QSVA	CRANE RUNNER		500
QTVB	BRAKE VAN		500
QVXK	BREAKDOWN EQUIPMENT 5.5T		500
QVXQ	CABLE DRUM CARRIER 5.5T		500
QXAL	PANTOGRAPH COACH FLAT TOP		500
QXVH	GENERATOR VEHICLE		500
QXWQ	TUNNEL PLATFORM VEHICLE		500
QXWU	BRIDGE GUAGE VEHICLE		500
QXXD	OFFICE COACH		500
QXXH	GENERATOR VEHICLE		500
QXXL	PANTOGRAPH COACH FLAT TOP		500
YBAA	RAIL SLEEPER "STURGEON" 51T		500
YBAC	RELAYING EQUIPMENT CARRIER "STURGEON" 51T		500
YBBA	RAIL SLEEPER "STURGEON" 51T		500
YCAB	BOGIE BALLAST 'HALIBUT' 56T		500
YEAA	LONG WELDED RAIL WAGON "PERCH" 53.5T		500
YEAB	LONG WELDED RAIL WAGON "PORPOISE" 14T		500
YFAB	BORAIL WITH LIFT GEAR "SALMON" 51T		500
YGBA	BALLAST HOPPER S&C SHUTES "SEACOW" 41T		1000
YGBD	BALLAST HOPPER S&C SHUTES "STINGRAY" 41T	GENERATOR	1000
YGBE	BALLAST HOPPER S&C SHUTES "SEACOW" 41T	WITH LIGHTS	1000
YGHB	BALLAST HOPPER S&C SHUTES 'SEALION' 40.5T		1000
YHAA	BALLAST HOPPER S&C SHUTES 'WHALE' 51T		1000
YMAA	BORAIL "SALMON" 51T		500
YMAD	BORAIL / CONCRETE SLEEPERS 'SALMON' 51T		500
YMBA	BORAIL 'SALMON' 53T		500
YPAA	BOGIE RAIL/SLEEPER WITH DOORS (TENCH)		500
YQAA	SLEEPER CARRIER. 'PARR' (X BORAIL YWA) 49T		1000
YRPF	BOGIE TRANSFORMER / BOILER P/T		500
YRRF	BOGIE TRANSFORMER / BOILER P/T		500
YTXA	BOGIE BRAKEVAN (EX REVENUE)		500
YVAQ	CABLE DRUM CARRIER 56.5T		500
YVPQ	CABLE DRUM CARRIER 20.5 / 30.5T		250

MONETARY LIMITS

AAR KND	WAGON DESCRIPTION	DEPOT MONEY LIMIT
YVVQ	CABLE DRUM CARRIER 30.5 / 42.5T	250
YXAP	PROPULSION WAGON LWR TRAIN "OTTER"	1000
YXRC	RELAY EQUIPMENT CARRIER 20.5 / 51T	1000
YXRQ	LOW FLOOR MATERIAL CARRIER, DUEL PIPE 56T	1000
ZBAD	BALLAST, DROP SIDES 'CARP'	500
ZBAE	BALLAST, FLAT "RUDD" (EX GRAMPUS) 20.5T	NIL
ZBAF	GENERAL MATERIALS "RUDD" (X HIV)	1000
ZBVA	BALLAST / SLEEPER SIDE & END DORRS "GRAMPUS" 20.5T	50
ZBWA	BALLAST S&E DOORS (11.6CU.M) 'GRAMPUS'	50
ZCAL	BALLAST / SPOIL. DROP SIDES 30.T	1000
ZCAP	BALLAST / SPOIL (X ZDA) 'URCHIN 26.0T POOL 5159	1000
ZCAP	BALLAST / SPOIL (X ZDA) 'URCHIN'26.0T POOL 8047	NIL
ZCAR	BALLAST / SPOIL, DROP SIDES, (X OCA) 31.0T	500
ZCAS	BALLAST / SPOIL. (EX PIKE) 26T	500
ZCVJ	BALLAST / SLEEPER FIXED SIDES 'DACE' 20.5T	250
ZCVK	BALLAST, FIXED SIDES (EX LAMPREY) 'CRAB' 20.5T	250
ZCVM	BALLAST / SPOIL (EX HIV) 'CLAM'	1000
ZCVY	BALLAST / SPOIL (EX HIV) 'TOPE' 21.5T	500
ZDAA	GEN.MATERIALS (EX OAA) 'SQUID'	500
ZDAD	GENERAL MATERIALS (X VAN) 12T POOL 5176	250
ZDAD	GENERAL MATERIALS (X VAN) 12T POOL 8047	NIL
ZDAD	GENERAL MATERIALS (X OBA) 30.5/31.5T	500
ZDAD	GENERAL MATERIALS (X OBA) 'BASS' 31.5T	500
ZDAR	GENERAL MATERIALS (X OCA) 'BASS' 31.5T	NIL
ZDAS	GENERAL MATERIALS (X OBA) 31.5T	500
ZDAV	GENERAL MATERIALS (X OCA) 31.5T	NIL
ZDVH	GENERAL MATERIALS (EX TUBE) 20.5/22.5T	500
ZDWH	GENERAL MATERIALS (EX TUBE) 22.5T	250
ZEVA	BALLAST HOPPER. CENTRE SHUTES 'CATFISH' 19.5/20T	50
ZFVA	BALLAST HOPPER C&S CHUTES "DOGFISH" 24.5T	500
ZGAD	GENERAL MATERIALS (EX HIGH) 'SEAL' 21.5T	250
ZGVE	GENERAL MATERIALS (X TUBE) 22.5T	250
ZJVA	BALLAST. SIDE TIPPING 'MERMAID' 14T	NIL
ZPRC	STAFF VAN	500
ZPVC	STAFF VAN	500
ZRAE	STORES VEHICLE - GEN.STORES 25/30T POOL 8047	NIL
ZRAE	STORES VEHICLE - GEN.STORES 25/30T POOL 5176	250
ZRAE	STORES VEHICLE - GEN.STORES 25/30T POOL 8393	500
ZRBE	STORES VEHICLE - GENERAL	NIL
ZRPF	STORES VEHICLE - TRANSFORMER 20.5T	500
ZRVF	STORES VEHICLE - TRANSFORMER 20.5/22.5T	500
ZRVV	TANK - WATER 6/25.5T	NIL
ZRWN	TANK - FUEL OIL. DIESEL 22.5/23T	500
ZRXE	STORES VEHICLE - GENERAL STORES POOL 5352	NIL
ZRXE	STORES VEHICLE - GENERAL STORES POOL 5176	250
ZRXE	STORES VEHICLE - GENERAL STORES POOL 8767	500
ZSVA	CRANE RUNNER	500
ZSXF	SHUNTING TRUCK - RESEARCH VEHICLE	250
ZSXK	BRAKEFORCE VEHICLE	250
ZTPA	BRAKE VAN (EX REVENUE)	500
ZTRA	BRAKE VAN (EX REVENUE)	500
ZUVA	BRAKE VAN PLOUGH "SPARK"	500

MONETARY LIMITS

AAR KND	WAGON DESCRIPTION	DEPOT MONEY LIMIT
ZUWA	BRAKE VAN PLOUGH "SHARK"	250
ZVPG	CABLE DRUM CARRIER 20.5T	500
ZVRC	TROLLEY FLAT 12-21T	1000
ZVVF	CRIPPLE CARRIER (EX SPECIAL) 20.5/25.5T	500
ZVVQ	CABLE DRUM CARRIER 8/25.5T	NIL
ZVWC	TROLLEY FLAT 21.5T	500
ZVWF	CRIPPLE CARRIER (EX SPECIAL) 15/25.5T	1000
ZXAF	GENERATOR VEHICLE 11T	1000
ZXQJ	RELAYING EQUIPMENT CARRIER 20/25.5T	1000
ZXRJ	RELAYING EQUIPMENT VEHICLE 20T	1000
ZXVJ	RELAYING EQUIPMENT CARRIER	1000
ZXWJ	RELAYING EQUIPMENT CARRIER 21.5/25.5T	1000
ZXXJ	RELAYING EQUIPMENT CARRIER 20T	500
ZXXM	TUNNEL PLATFORM VEHICLE 21.5T	500
ZYAD	ELEC.PROJECT - CONCRETE TROUGHING TRAIN VAN POOL 8047	NIL
ZYAD	ELEC.PROJECT - CONCRETE TROUGHING TRAIN VAN POOL 8393	500
ZYAU	STORES VEHICLE ELECTRIFICATION PROJECT 29/29.5T	NIL

WAGON IDENTIFICATION GUIDELINES

Reading through this Guide, various wagon letter codes appear. Here is a brief explanation of their meaning:

All wagons have a three letter identification code i.e. Seacow is a YGB, Clam is a ZCV.

The first letter represents the type of vehicle.
Q = former coaching stock, Y = Bogied, Z = Two Axled.

The second letter puts the wagon into a particular catagory, although these are not clearly defined. As a general rule the following examples apply.
For Z types:- B = Drop door open, C = Fixed sided open, D = General Materials, O = Crane, P = Staff Carrier, Q = Tool Van, T = Barke Van, U = Shark Brake
For Y types:- B = Rail/Sleeper Carrier, F = Fitted wiht lifting gear, G & H = Hopper, J = Tracklayer.

The third letter represents the brake type of the vehicle.
A = Air Braked, V = Vacuum Braked.
A full list of brake types is shown later in this guide.

As well as an identification code, all wagons have a two or three letter prefix which indicates the owner. The penultimate letter, which is always a 'D' stands for Departmental. this is usually followed by the letter 'B' i.e. DB. Although former Civil Link air braked wagons use a 'C' i.e. DC. Some of the oldest wagon types are still numbered in a regional series i.e. DS = Southern Region, DE = Eastern Region. Civil Engineers vehicles carry no suffix letter, but the other departmental codes are:
A = NEE (ADB), K = S & T (KDB), L = Electrification (LDB).

As the N.S.E. Infrastructure Organisation controls the resources of all three functions (NEE, S & T and CE), future wagon builds are likely to have a common prefix.

T.O.P.S. ENQUIRIES

The introduction of T.O.P.S (Total Operations Processing System) has greatly improved the control and utilisation of wagons. It has created the facility to continuously monitor resources, in respect of loading, movement, distribution and maintenance, but relies on the accuracy and frequency of information being fed into the system.

J6 1 - WAGON ENQUIRY

i.e. J6 1 (press return)
DB973080 (wagon number) Information given:

1/ Wagon Type
2/ Loaded or Empty
3/ Commodity code (if loaded)
4/ Destination & Consignee
5/ Origin & label date
6/ Location
7/ Status - in position/in hold
8/ Arrived on, time and date
9/ Cripple code
10/ PPM and VIBT due

J6 1 1, will also give physical characteristics of the vechicle.

E3 1 - LOCOMOTIVE ENQUIRY

i.e. E3 1 (press return)
31165 (locomotive number) Information given:

1/ En route from/to, on what, arrival time
2/ Allocated on
3/ Next exam type, due and in how many hours

E3 1 2 1, will also give physical characteristics of the locomotive and previous exam, fuel and test details.

F4 A - TRAIN CONSIST

i.e. F4 A (press return)
29 46 8C 39 C (46 = 1st two numbers of departure TOPS location)
(8C39 = train headcode, C = CE booked service)

Information given:

1/ Train identity
2/ Details of last reported event
3/ Locomotive number
4/ Details of wagons on train - empty, destination, origin, cripple code (if applicable)
5/ Total composition of train in number of wagons, weight, length and brake force
6/ Termination point of train

F4 S, will give an estimate of point to point times for the service.

X4 - POOL ENQUIRY

i.e. X4 5351 (Pool Number) Information given:

1/ Details of all wagons in that Pool, by painted number and their status and location.

X4 (Pool No) J, will give details of all wagons in that Pool by location and whether loaded, empty or crippled.

T.O.P.S. ENQUIRIES

LP - LOCOMOTIVE POOL ENQUIRY

i.e. LP 2A (press return)
NKJS (locomotive Pool number) Information given:

1/	Locomotive number	4/	Last location	7/	Status
2/	Pool number	5/	Working for	8/	Next working
3/	Origin	6/	Destination	9/	Next exam due and type

LP 1A will give the same information plus the owner of the fleet, where they are based and a contact telephone number.

ZQ - PIPELINE ENQUIRY

i.e. ZQ DBAPAA 46200 47101

This enquiry is variable depending on what wagons the information is required on. The above example will give a list of Departmental vechicles destined to a particular location. 49200 is the T.O.P.S. Reporting Area of the location and 47101 is the T.O.P.S. number of the location information is required on. Information given:

1/	Current location	5/	Loaded/Empty	9/	Consignee
2/	Train ID	6/	Origin	10/	Cripple code
3/	Wagon number	7/	Date	11/	Load weight
4/	Type	8/	Commodity		

X3 - WAGON REPORT

i.e. X3 49200 Z ; 3 00 B ; 49206

This enquiry is variable depending on what wagons the information is required on. The above example will give a list of Departmental vechicles at a particular location, their status and how long they have been there. 49200 is the T.O.P.S. Reporting Area of the location and 49206 is the T.O.P.S. number of the location information is required on. Information given:

1/	Wagon number	4/	Type	7/	Cripple code
2/	Type	5/	Location	8/	Days at location
3/	Tag No	6/	Origin		

CY - POOL CHANGE

i.e. CY (press return)
61 DB 972088 ; C 5364 5135

To change a wagon from one Pool to another. 5364 represents the Pool wagon currently in. 5135 represents Pool wagon now required in. If wagon is not in a Pool (ie NONE), C should be replaced by A.

TK - DESTINATION CHANGE

i.e. TK 1 52206 (press return)
02 DB 970102

To change a wagon destination. 52206 represents new destination.

T.O.P.S. COMMODITY CODES

DESCRIPTION	INPUT	OUTPUT
BLOCKS	600	BMBBAF
BLOCK STONE	648	BMBSTO
CASTINGS (STEEL)	116	ISRAIL
CEMENT (IN BAGS)	605	BMCMBG
CEMENT (IN BULK)	604	BMCMBL
CHIPPINGS	650	BMCHIP
CONCRETE BEAMS	623	BMCONB
CONCRETE PIPES	622	BMCONP
CONCRETE PRODUCTS (OTHER)	624	BMCCON
CONCRETE TROUGHING LIDS ETC	626	BMTROF
CONSTRUCTION MATERIALS OTHER	628	BMOTBM
C.W.R.	118	ISCWRX
DMEE STORES & SPARES	898	MMCMEE
DUST	651	BMDUST
GRANITE	639	BMHARD
HARDSTONE	639	BMHARD
PLANT ELECTRICAL & INDUSTRIAL	804	MMINPL
PRE-FABRICATED TRACK - NEW	119	ISPFBN
PRE-FABRICATED TRACK - RECOVERED	120	ISPFBR
RAILWAY EQUIPMENT	116	ISRAIL
SAND COMMON	634	BMSACM
SAND OTHER INDUSTRIAL	632	BMSDIN
SLAG FOR MANUFACTURE/C.E.	644	BMSLCA
SLEEPERS (CONCRETE)	625	BMCONS
SPOIL	649	BMSPOL
STANDARD RAILWAY BALLAST	647	BMBLST
STEEL - FABRICATED	800	MMFBST
S&T MATERIALS	897	MMCSTE
SWITCHES AND CROSSING	117	ISANDC
TIMBER - SLEEPERS	856	MMTIMS
WAGONS - EMPTY (CRIPPLED AND/OR CONDEMNED)	822	MMWAGS
WASTE, INDUSTRIAL (NON TOXIC)	656	BMIWNT
WASTE, OTHER THAN CHEMICAL, PAPER, OR REFUSE	877	MMWAST

The above list represents only some of the commodity codes used.

The majority of commodities delt with by the Infrastructure Resources Organisation are listed above. A full list of codes for all commodities can be extracted from the T.O.P.S. system by inputting the following enquiry SD COD COM- (followed by one of the following) BLD, BRM, CARS, CHEM, COAL< CANS, FOOD, IRON, MISC or PET.

The input column is used as follows : SD COM (input code) ie 600. This will give the output code ie BMBBAF and a description of the commodity.

It is important that the correct commodity code is used in order to save manual checking of the wagon's contents.

T.O.P.S LOCATION NUMBERS

The following T.O.P.S. location numbers have been extracted from the T.O.P S.location handbook (BR 2489/9) and include the most commonly used locations dealt with by Network SouthEast Infrastructure Resources Organisation. The reporting station number Represents the Area Freight Centre that, the location comes under.

LCN No.	LOCATION	CUSTOMER	RPTG STN
04637	BAILEYFIELD	C.E.	07360
07939	COLINESS (LANARKSHIRE)	COSTAIN	07360
07360	MOSSEND	B.R.	07360
09150	CARLISLE YARD	B.R.	09150
10052	WORKINGTON DIS & WISCO WK (SLK)	BRITISH STEEL	09150
12713	HEATON	B.R.	13541
13550	TYNE YARD	B.R.	13541
15400	TEES YARD	B.R.	15400
16431	YORK LEEMAN RD P.WAY YARD	C.E.	23430
18035	CROFTON DEPOT	C.E.	23430
18420	HEALEY MILLS YARD	B.R.	23430
21209	IMMINGHAM	C.W.	22020
21411	BARNETBY	C.E.	22020
22020	SCUNTHORPE WEST YARD	B.R.	22020
23430	DONCASTER YARD	B.R.	23430
24321	KILNHURST CENTRAL	B.R.	23430
25200	TINSLEY YARD	B.R.	23430
25826	BEIGHTON YARD	C.E.	23430
26230	WORKSOP YARD	B.R.	56590
30129	PRESTON YARD	B.R.	35550
31042	CASTLETON CMD	C.E.	35550
31519	SALFORD	BRX	32000
32000	MANCHESTER PICCADILLY	B.R.	32000
32212	GUIDE BRIDGE	C.E.	35550
32509	LONGSIGHT	B.R.	32000
35149	SPRINGS BRANCH WIGAN	B.R.	35550
35550	WARRINGTON ARPLEY JUNCTION	B.R.	35550
36321	GARSTON SPEKE SIDINGS MERSEYSIDE	C.E.	35550
36403	DITTON	C.E.	35550
40312	CHESTER	C.E.	35550
42163	CREWE GRESTY ROAD	C.E.	42140
43047	LONGPORT DOWN SIDINGS	C.E.	42140
43231	STOKE	MARCROFT ENGINEERING	42140
43316	STAFFORD FREIGHT DEPOT	UNSPECIFIED	42140
44030	LINCOLN HOLMES YARD	B.R.	23430
44113	SLEAFORD	UNSPECIFIED	23430
45004	TALLINGTON	DOWMAC	46200
45100	PETERBOROUGH WEST YARD	B.R.	46200
45108	PETERBOROUGH CRESCENT WHARF	C.W.	46200
45176	CONNINGTON TIP	C.E.	46200
52,210 46200	WHITEMOOR YARD	B.R.	46200
46203	MARCH C & W	M & EE	46200

T.O.P.S LOCATION NUMBERS

LCN No.	LOCATION	CUSTOMER	RPIG SIN
46209	MARCH UP YARD	B.R.	46200 52210
46212	MARCH DOWN YARD	B.R.	46200 "
46220	KINGS LYNN	B.R.	46200 "
46273	ELY	B.R.	46200 "
46303	BURY ST EDMUNDS	C.E.	46200 "
47101	CHESTERTON JUNCTION WORKS (CAMBRIDGE)	C.E.	46200 "
47230	CAMBRIDGE YARD	B.R.	46200 "
47412	BISHOPS STORTFORD	B.R.	51400
48228	NORWICH THORPE	C.E.	49200 52210
49206	IPSWICH LRD	C.E.	49200 "
49219	IPSWICH	C.W.	49200 "
49400	PARKESTONE QUAY YARD HARWICH	B.R.	49200 "
49403	PARKESTONE QUAY TIP HARWICH	C.E.	49200 "
50030	HYTHE	BRX	49200 "
50053	COLCHESTER	C.E.	49200 "
50403	ROMFORD OHL DEPOT	M & EE	51400 52210
50405	CHADWELL HEATH	B.R.	51400 "
50422	ILFORD CAR SHEDS ELEC MD	M & EE	51400 "
51338	PURFLEET	FOSTER YEOMAN	51400 "
51400	DAGENHAM DOCK	SPECIFIC USERS	51400 "
51509	RIPPLE LANE YARD (BARKING)	B.R.	51400 "
51722	BROXBOURNE	B.R.	51400 "
52200	TEMPLE MILLS YARD	B.R.	51400 "
52206	LEYTON	C.E.	51400 "
52230	STRATFORD T.M.D.	M & EE	51400 "
52605	BOW DEPOT	ECC QUARRIES	51400 "
53212	HITCHIN STOCKYARD	C.E.	54300
54235	FINSBURY PARK	C.E.	54300
56573	STAPLEFORD & SANDIACRE	C.E.	56590
56589	TOTON WEST YARD	B.R.	56590
57403	DERBY	B.R.	57403
57442	DERBY C & W WORKS LITCHURCH LANE	BREL	56590
58121	CLIFFE HILL	TARMAC	59240
59011	MOUNTSORREL	REDLANDS AGGREGATES	59240
59241	LEICESTER	B.R.	57403
59311	CROFT QUARRY	ECC QUARRIES	59240
62015	BEDFORD BALLAST PIT	C.E.	63630
63011	NEASDEN	C.E.	73000
63022	MARYLEBONE STATION	C.E.	73000
63302	CRICKLEWOOD	REDLAND AGGREGATES	59240
65044	WOLVERHAMPTON	C.E.	65043
65202	HANDSWORTH	COOPERS METALS	65700
65554	WALSALL	C.E.	65700
65700	BESCOT YARD	B.R.	65700
66317	WASHWOOD HEATH	RMC (SLEEPER LOADING)	65700
66424	TYSELEY YARD	B.R.	65700
67119	WORCESTER	C.E.	68100
68100	GLOUCESTER NEW YARD	B.R.	68100
69011	HARTSHILL (NUNEATON)	C.E.	65700
70030	RUGBY	B.R.	72410
70307	BLETCHLEY	C.E.	65700
70353	AYLESBURY	B.R.	73000
71043	WATFORD JUNCTION	C.E.	72230

T.O.P.S LOCATION NUMBERS

LCN No.	LOCATION	CUSTOMER	RPTG SIN
72230	WILLESDEN BRENT SIDINGS	B.R.	72230
73000	PADDINGTON	B.R.	73000
73220	OLD OAK COMMON T.M.D.	M & EE	73000
73426	WEST RUISLIP	C.E.	73000
73509	PRINCES RISBOROUGH	C.E.	73000
73666	SOUTHALL YARD	B.R.	73000
74260	READING WEST JUNCTION	B.R.	74260
74314	DIDCOT YARD	B.R.	74260
74802	NEWBURY YARD	B.R.	74260
75012	SWINDON	B.R.	81700
76363	HEREFORD	C.W.	76470
76470	NEWPORT (GWENT)	B.R.	76470
78402	RADYR	C.W.	78810
81513	BRISTOL EAST DEPOT	C.E.	81700
81700	BRISTOL TEMPLE MEADS	B.R.	81700
82100	WESTBURY YARD	B.R.	82100
82341	YEOVIL JUNCTION	B.R.	83400
83005	TAUNTON DEPOT	C.E.	83400
83301	MELDON QUARRY	C.E.	83400
83400	EXETER RIVERSIDE YARD	B.R.	83400
83433	EXETER CENTRAL	C.E.	83400
85502	TRURO	C.E.	85220
86030	WOKING YARD	B.R. AND PAD	86090
86090	EASTLEIGH YARD	B.R.	86090
86093	EASTLEIGH T & RS MD	M & EE	86090
86122	SALISBURY	B.R.	86090
86299	RYDE PIER HEAD (IOW)	B.R.	86090
86325	FRATTON (PORTSMOUTH)	C.E.	86090
87053	GUILDFORD	C.E.	86090
87114	STAINES	B.R.	86090
87218	CLAPHAM JUNCTION	C.E.	86090
87238	STEWARTS LANE T & RS MD	M & EE	88730
87261	WIMBLEDON	B.R.	86090
87639	SELHURST T & RS MD	M & EE	88730
87640	NORWOOD YARD	B.R.	88730
87707	TATTENHAM CORNER	B.R.	88730
87724	REDHILL	C.E.	88730
87733	GODSTONE TIP	C.E.	88730
87804	PURLEY	C.E.	88730
87925	THREE BRIDGES PRE ASSEMBLY DEPOT	C.E.	88730
87945	HORSHAM YARD	M & EE	88730
87984	BRIGHTON	C.E.	88730
88451	HITHER GREEN	BRX	88730
88521	PLUMSTEAD	S & TE	88730
88730	HOO JUNCTION	B.R.	88730
88735	CLIFFE	BRETT MARINE	88730
88747	GRAIN	FOSTER YEOMAN	88730
89319	EAST PECKHAM TIP	C.E.	88730
89333	PADDOCK WOOD	C.E.	89600
89361	TONBRIDGE	C.E.	88730
89424	ASHFORD (KENT) PRE-ASSEMBLY DEPOT	C.E.	89600
89600	DOVER TOWN COMPLEX	B.R.	89600
89735	DOLLANDS MOOR	TRANSLINK	89600

AREA FREIGHT CENTRES ON N.S.E. (SOUTH)

DOVER (89600) - Ashford - Dover, Ramsgate, Faversham, Canterbury East.

HOO JN (88730) - Hither Green - Bromley Nth, Sevenoaks, Grain, Maidstone West, Sheerness, Bromley Sth, Rochester, Tonbridge - Ashford (excl) Hastings, Wateringbury, Canterbury West. All Central Lines, Victoria - Brighton, Eastbourne, Littlehampton, Bognor, Horsham, London Bridge, Epsom, E.Grinstead, Uckfield etc.

EASTLEIGH (86090) - Waterloo - Andover, Ludgershall, Chichester, Portsmouth Hbr, Basingstoke, Bramley, Farly, Windsor, Alton, Shepperton, Hampton Ct, Chessington, Effingham Jn, Micheldever - Soton Dk Fawley, Lymington & Weymouth, Eastleigh & St Denys to Cosham, Salisbury, Templecombe, Grately and Wylye.

AREA FREIGHT CENTRES ON N.S.E (NORTH)

~~DAGENHAM~~ ~~(51400)~~ STRATFORD 52210 - Liverpool St - Southend Vic, Southminster, Braintree, Sudbury, Marks Tey, Chingford, Hertford East, Enfield Town, Stansted, Elsenham. All LT&S lines, Nth Woolwich - Highbury & Islington, Barking - South Tottenham.

~~IPSWICH~~ ~~(49200)~~ - Colchester - Colchester Tn, Clacton, Walton, Harwich, Norwich.

~~WHITEMOOR~~ ~~(46200)~~ Newport - Cambridge, Meldreth, Kings Lynn, Fen Drayton.

AREA FREIGHT CENTRES (T&C/WESTERN)

PADDINGTON (73000) - Marylebone - Aylesbone, Bicester Nth, Paddington - Bourne End, Marlow, Maidenhead.

ACTON (73250) - Twyford - Henley-on-Thames, Bedwyn, Bicester Town, Banbury.

EXETER (83400) - Sherbourne - Exeter

OTHER AREA FREIGHT CENTRES

MOSSEND	07360	CREWE	42140	BLETCHLEY	70300
BLYTH	12230	KINGS CROSS	54300	WILLESDEN	72230
MIDDLESBOROUGH	15400	NOTTINGHAM	56590	EUSTON	72410
SCUNTHORPE	22020	LEICESTER	59240	NEWPORT	76470
DONCASTER	23430	ST PANCRAS	63630	BARRY	78810
MANCHESTER	32000	SHREWSBURY	64224	SWANSEA	79304
WARRINGTON	35550	WOLVERHAMPTON	65043	BRISTOL	81700
LIVERPOOL	36151	BIRMINGHAM	65630	WESTBURY	82100
		BESCOT	65700	ST BLAZEY	85220

USEFUL TELEPHONE NUMBERS

ASHFORD	PAD	0137267	FAX	0132460
	No TAKER	0132328		
BESCOT	AFC	0503242		
BROXBOURNE (DCE WA&GN)	RESOURCES	0053411	FAX	0053449
BURY ST EDMUNDS	YARD	0051404	FAX	0051403
CAMBRIDGE	YARD	0053626	FAX	0053629
	PSB	0053660	FAX	0053664
	TCS	0053607	FAX	0053841
CASTLETON	SUP	0585692, 5754		
CHESTERTON	CMD	0053725	FAX	0053729
	C&W	0053720		
CLIFFE	BRETT MRNE	BT 0634220631		
COLCHESTER	PSB	0243367	FAX	0243407
	TCS	0243319	FAX	0243443
CROFTON	DEPOT	0332908		
CROYDON (DCE SC)	RESOURCES	0072746	FAX	0072740
~~DAGENHAM DOCK~~	~~AFC~~	~~0056661~~	~~FAX~~	~~0056809~~
DERBY	FVMC	0562201		
DOVER	AFC	0133313, 3418	FAX	0133314
EASTLEIGH	AFC	0898819, 8858	FAX	0898835
	PAD	0897328	FAX	0897329
	CMD	0898871	FAX	0898800
	C&W	0898874, 7534	FAX	0898885
EAST PECKHAM	TIP	BT 0622872558		
EUSTON (INFRASTRUCTURE)	RESOURCES	0049069, 49013	FAX	0049425
	PERFORMANCE	0049007		
	MOVEMENTS	0049071, 49335		
	PLANNING	0049332, 49081	FAX	0049331
	CONTRACTS	0049093, 49037		
	FINANCE	0049070, 49063		
EXETER	AFC	0702272		
	RIVERSIDE	0702240	FAX	0702486
	TCS	0702226	FAX	0702294
GILLINGHAM	C&W	0142212		
GODSTONE	TIP	0954202, BT 0342893105		
GRAIN	FOS YEOMAN	BT 0634271098		
HITCHIN	TCS	0059333		
HITHER GREEN	PAD	0028725	FAX	0028238
	No TAKER	0028266		
HOO JUNCTION	AFC	0142203, 42206	FAX	0142334
	YARD	0142242	FAX	0127287
	STOCKPILE	0474824044		
	C&W	014 2252		
HORSHAM	SHUNTER	0963756	FAX	0968416
IPSWICH	LRD	0051210	FAX	0051327
	C&W	0051279	FAX	0051242
	TCS	0051276	FAX	0051301
	~~AFC~~	~~0051290, 51291~~	~~FAX~~	~~0051240~~
KINGS CROSS (WA&GN)	PLANNING	0042004	FAX	0042224
LEICESTER	PSB	0568212		
LEYTON	DEPOT	0057164, 57179	FAX	0057031
	SHUNTER	0057136		
LIVERPOOL ST (DCE GE)	RESOURCES	0052467, 52427	FAX	0052458
	PLANNING	0052450		
	FRGT CONTL	0050149, 59139	FAX	0029167
	FRGT PLANG	0024836, 24831		

USEFUL TELEPHONE NUMBERS

MARCH	TCS	0359723	FAX	0359772
	AFC	0359749	FAX	0359717
	C&W	0359766	FAX	0359782
	EAST YARD	0359738		
MELDON	QUARRY	0702398 BT 083752749		
MOUNTSORREL	QUARRY	0568258 BT 0533303881		
NORWICH (DCE RR)	RESOURCES	0055578	FAX	0055576
	YARD	0246339	FAX	0246407
	TCS	0246282	FAX	0246238
NOTTINGHAM	AOC	0572570, 2634		
PADDOCK WOOD	SUP	0134107	FAX	0134091
PARKESTON	YARD	0248226	FAX	0248228
	TIP	0248252		
	MOVE SUP	0248204	FAX	0248275
PETERBOROUGH	ACE	0282384		
	WEST YARD	0282304	FAX	0282219
PETTS WOOD (DCE SE)	RESOURCES	0063046, 63194	FAX	0063078
PLUMSTEAD	SHUNTER	0022040		
READING	ACE	0782879		
REDHILL	YARD	0954192	FAX	0954223
	TCS	0954188	FAX	0954172
ROMFORD	OHL DEPOT	0059580		
SOUTHEND (DCE LT&S)	RESOURCES	0057841		
	PLANNING	0057704	FAX	0057795
	CONTROL	0055640, 55648		
STRATFORD	TCS	0059941	FAX	0057193
	AFM	0057033, 59861		
	C&W	0057034		
	PLANT	0057058		
SWINDON	CE	0773870		
	CONTROL	0773422, 3401		
TALLINGTON	DOWMAC	BT 0778342301		
THREE BRIDGES	PAD	0954313		
	No TAKER	0954314		
	C&W	0954324	FAX	0954406
TONBRIDGE	YARD	0134292, 7625	FAX	0134218
	TCS	0137612		
	C&W	0134390	FAX	0137633
TOTON	YARD	0573280		
WASHWOOD HEATH	RMC	BT 0213270844		
WATERLOO CONTROL	SE	0075487		
	SC	0072920		
	SW	0075762		
	LCCO	0075763	FAX	0075773
WESTBURY	AFC	0747222	FAX	0747216
	YARD	0747222		
	TCS	0747237		
WILLESDEN	AFC	0046232, 46263		
WIMBLEDON (DCE SW)	RESOURCES	0062330	FAX	0062671
WOKING	PAD	0802302, 2260		
	UP YARD	0802277	FAX	0802295
	DOWN YARD	0802295	FAX	0802295
	TCS	0802283, 2323		
	C&W	03010860, 669594	FAX	0802288 72
	PLANT	0802387		
YORK	RESOURCES	0372895		

WAGON FLEET NUMBERS

POOL 5101 SEACOW (LIGHTED) - MAINTAINED AT EASTLEIGH

SET 1	SET 3	SET 4
DB 980029 (92) YGB	DB 980039 (92) YGB	DB 980004 (91) YGB
DB 980053 (93) YGB	DB 980052 (93) YGB	DB 980014 (91) YGB
DB 980212 (92) YGB	DB 980057 (92) YGB	DB 980031 (91) YGB
DB 982596 (92) YGB	DB 980115 (92) YGB	DB 980056 (91) YGB
DB 982612 (92) YGB	DB 980210 (92) YGB	DB 982477+(92) YGB
DB 982654 (92) YGB	DB 982476+(92) YGB	DB 982549 (91) YGB
DB 982659+(92) YGB	DB 982671 (92) YGB	DB 982648 (91) YGB
DB 982681 (92) YGB	DB 982675 (92) YGB	DB 982657 (91) YGB
DB 982689 (92) YGB	DB 982705 (92) YGB	DB 982669 (91) YGB
DB 982690 (92) YGB	DB 982712 (92) YGB	DB 982670 (91) YGB

TOTAL = 30

+ = Stingray

POOL 5111 SEALION - MAINTAINED AT EASTLEIGH

DB 982449 YGH	DB 982458 YGH	DB 982468 YGH
DB 982474 (90) YGH	DB 982475 (91) YGH	DB 982478 YGH
DB 982585 YGH	DB 982593 (90) YGH	DB 982610 YGH
DB 982628 YGH	DB 982650 YGH	DB 982651 YGH
DB 982660 YGH	DB 982663 YGH	DB 982665 YGH
DB 982666 YGH	DB 982668 YGH	DB 982673 YGH
DB 982674 YGH	DB 982679 YGH	DB 982680 YGH
DB 982682 YGH	DB 982687 YGH	DB 982688 YGH
DB 982691 YGH	DB 982693 YGH	DB 982695 YGH
DB 982696 YGH	DB 982698 YGH	DB 982704 YGH
DB 982706 YGH	DB 982707 YGH	

TOTAL = 32

POOL 5113 SEACOW - MAINTAINED AT EASTLEIGH

DB 980000 YGB	DB 980001 YGB	DB 980002 YGB
DB 980003 YGB	DB 980005 YGB	DB 980006 (90) YGB
DB 980007 YGB	DB 980008 YGB	DB 980009 YGB
DB 980010 YGB	DB 980011 YGB	DB 980012 YGB
DB 980013 YGB	DB 980015 YGB	DB 980016 YGB
DB 980017 YGB	DB 980018 YGB	DB 980020 YGB
DB 980021 YGB	DB 980022 (93) YGB	DB 980023 YGB
DB 980024 YGB	DB 980025 YGB	DB 980026 YGB
DB 980027 YGB	DB 980028 YGB	DB 980030 YGB
DB 980032 YGB	DB 980033 (93) YGB	DB 980034 YGB
DB 980035 YGB	DB 980036 YGB	DB 980037 YGB
DB 980040 YGB	DB 980041 YGB	DB 980042 YGB
DB 980043 YGB	DB 980044 YGB	DB 980045 (93) YGB
DB 980046 YGB	DB 980047 YGB	DB 980048 YGB
DB 980049 YGB	DB 980050 YGB	DB 980051 YGB
DB 980054 YGB	DB 980058 (90) YGB	DB 980059 YGB
DB 980060 YGB	DB 980061 (93) YGB	DB 980063 YGB

DB 980064		YGB	DB 980065		YGB	DB 980066		YGB
DB 980067		YGB	DB 980068		YGB	DB 980069	(93)	YGB
DB 980070		YGB	DB 980071		YGB	DB 980072		YGB
DB 980157		YGB	DB 980162		YGB	DB 980164		YGB
DB 980166		YGB	DB 980167		YGB	DB 980168		YGB
DB 980175		YGB	DB 980182		YGB	DB 980185		YGB
DB 980188		YGB	DB 980189		YGB	DB 980190		YGB
DB 980191		YGB	DB 980192		YGB	DB 980193		YGB
DB 980194		YGB	DB 980196		YGB	DB 980197		YGB
DB 980198		YGB	DB 980199		YGB	DB 980205		YGB
DB 980206		YGB	DB 980207		YGB	DB 980208		YGB
DB 980209		YGB	DB 980211		YGB	DB 980213		YGB
DB 980214		YGB	DB 980215		YGB	DB 980216		YGB
DB 980217		YGB	DB 980218		YGB	DB 980219		YGB
DB 980220		YGB	DB 980221		YGB	DB 980222		YGB
DB 980223		YGB	DB 980224		YGB	DB 980225		YGB
DB 980226		YGB	DB 980227		YGB	DB 980228		YGB
DB 980229		YGB	DB 980230		YGB	DB 980232		YGB
DB 980233		YGB	DB 980234		YGB	DB 980235		YGB
DB 980236		YGB	DB 980237		YGB	DB 980238		YGB
DB 980239		YGB	DB 980240		YGB	DB 980241		YGB
DB 980242		YGB	DB 980243		YGB	DB 980244		YGB
DB 982447	(92)	YGB	DB 982465	(91)	YGB	DB 982479	(91)	YGB
DB 982540		YGB	DB 982541		YGB	DB 982542		YGB
DB 982543		YGB	DB 982544		YGB	DB 982545		YGB
DB 982546		YGB	DB 982547		YGB	DB 982548		YGB
DB 982550		YGB	DB 982551		YGB	DB 982552		YGB
DB 982553		YGB	DB 982554		YGB	DB 982555		YGB
DB 982556		YGB	DB 982557		YGB	DB 982558		YGB
DB 982559		YGB	DB 982560		YGB	DB 982561		YGB
DB 982562		YGB	DB 982564		YGB	DB 982565		YGB
DB 982567		YGB	DB 982702	(91)	YGB	DB 982743		YGB
DB 982745		YGB						

TOTAL = 148

POOL 5115 SEAHORSE - MAINTAINED AT IPSWICH

DC 112029		ZCA	DC 112039		ZCA	DC 112040		ZCA
DC 112042		ZCA	DC 112050		ZCA	DC 112059		ZCA
DC 112064		ZCA	DC 112068		ZCA	DC 112070	(90)	ZCA
DC 112073		ZCA	DC 112076		ZCA	DC 112078		ZCA
DC 112080	(90)	ZCA	DC 112082		ZCA	DC 112084	(90)	ZCA
DC 112094		ZCA	DC 112095		ZCA	DC 112098		ZCA
DC 112108		ZCA	DC 112110		ZCA	DC 112113	(90)	ZCA
DC 112132		ZCA	DC 112140	(90)	ZCA	DC 112142	(90)	ZCA
DC 112143	(90)	ZCA	DC 112147		ZCA	DC 112149		ZCA
DC 112151		ZCA	DC 112154		ZCA	DC 112157		ZCA

TOTAL = 30

WAGON FLEET NUMBERS

POOL 5121 CRAB - MAINTAINED AT THREE BRIDGES

DB 991000	ZCV	DB 991002	ZCV	DB 991003	ZCV
DB 991004	ZCV	DB 991005	ZCV	DB 991007	ZCV
DB 991010	ZCV	DB 991011	ZCV	DB 991013	ZCV
DB 991015	ZCV	DB 991017	ZCV	DB 991019	ZCV
DB 991020	ZCV	DB 991172	ZCV	DB 991204	ZCV
DB 991243	ZCV	DB 991249	ZCV	DB 991250	ZCV
DB 991254	ZCV	DB 991256	ZCV	DB 991258	ZCV
DB 991261	ZCV	DB 991264	ZCV	DB 991265	ZCV
DB 991266	ZCV	DB 991267 (91)	ZCV	DB 991270	ZCV
DB 991272	ZCV	DB 991276	ZCV	DB 991278	ZCV
DB 991280	ZCV	DB 991281	ZCV	DB 991285	ZCV
DB 991287	ZCV	DB 991288	ZCV	DB 991289	ZCV
DB 991290	ZCV	DB 991291	ZCV	DB 991292	ZCV
DB 991294	ZCV	DB 991295	ZCV	DB 991299	ZCV
DB 991301	ZCV	DB 991302	ZCV	DB 991303	ZCV
DB 991304	ZCV	DB 991306	ZCV	DB 991307	ZCV
DB 991308	ZCV	DB 991309	ZCV	DB 991311	ZCV
DB 991312	ZCV	DB 991313	ZCV	DB 991315	ZCV
DB 991316	ZCV	DB 991318	ZCV	DB 991319	ZCV
DB 991320	ZCV				

TOTAL = 58

POOL 5123 DACE - MAINTAINED AT THREE BRIDGES

DB 726225	ZCV	DB 726228	ZCV	DB 726232	ZCV
DB 726234	ZCV	DB 726239	ZCV	DB 726246	ZCV
DB 726251	ZCV	DB 726255	ZCV	DB 726257	ZCV
DB 726259	ZCV	DB 726261	ZCV	DB 726263	ZCV
DB 726266	ZCV	DB 726270	ZCV	DB 726271	ZCV
DB 726275	ZCV	DB 726277	ZCV	DB 726281	ZCV
DB 726289	ZCV	DB 726292	ZCV	DB 726293	ZCV
DB 726297	ZCV	DB 726298	ZCV	DB 726299	ZCV
DB 726302	ZCV	DB 726308	ZCV	DB 726309	ZCV
DB 726312	ZCV	DB 726314	ZCV	DB 726317	ZCV
DB 726319	ZCV	DB 726320	ZCV	DB 726323	ZCV
DB 726325	ZCV	DB 726326	ZCV	DB 726330	ZCV
DB 726331	ZCV	DB 726333	ZCV	DB 726334	ZCV
DB 726336	ZCV	DB 726339	ZCV	DB 726340	ZCV
DB 726341	ZCV	DB 726342	ZCV	DB 726343	ZCV
DB 726344	ZCV	DB 726346	ZCV	DB 726347	ZCV
DB 726353	ZCV	DB 726355	ZCV	DB 726357	ZCV
DB 726358	ZCV	DB 726359	ZCV	DB 726362	ZCV
DB 726363	ZCV	DB 726364	ZCV	DB 726365	ZCV
DB 726366	ZCV	DB 726368	ZCV	DB 726369	ZCV
DB 726370	ZCV	DB 726371	ZCV	DB 726374	ZCV
DB 726375	ZCV	DB 726378	ZCV	DB 726379	ZCV
DB 726380	ZCV	DB 726382	ZCV	DB 726384	ZCV
DB 726389	ZCV	DB 726390	ZCV	DB 726395	ZCV
DB 726396	ZCV	DB 726398	ZCV	DB 726399	ZCV
DB 726400	ZCV	DB 726402	ZCV	DB 726403	ZCV

WAGON FLEET NUMBERS

DB 726406	ZCV	DB 726407	ZCV	DB 726409	ZCV
DB 726417	ZCV	DB 726418	ZCV	DB 726419	ZCV
DB 726425	ZCV	DB 726426	ZCV	DB 726427	ZCV
DB 726428	ZCV	DB 726430	ZCV	DB 726431	ZCV
DB 726436	ZCV	DB 726438	ZCV	DB 726440	ZCV
DB 726441	ZCV	DB 726443	ZCV	DB 726446	ZCV
DB 726448	ZCV	DB 726449	ZCV	DB 726451	ZCV
DB 726453	ZCV	DB 726454	ZCV	DB 726456	ZCV
DB 726459	ZCV	DB 726461	ZCV	DB 726462	ZCV
DB 726465	ZCV	DB 726466	ZCV	DB 726467	ZCV
DB 726470	ZCV	DB 726471	ZCV	DB 726472	ZCV
DB 726475	ZCV	DB 726476	ZCV	DB 726477	ZCV
DB 726479	ZCV	DB 726480	ZCV	DB 726481	ZCV
DB 726482	ZCV	DB 726484	ZCV	DB 726485	ZCV
DB 726487	ZCV	DB 726490	ZCV	DB 726492	ZCV
DB 726493	ZCV	DB 726495	ZCV	DB 726496	ZCV
DB 726497	ZCV	DB 726498	ZCV	DB 726501	ZCV
DB 726502	ZCV	DB 726504	ZCV	DB 726507	ZCV
DB 726511	ZCV	DB 726512	ZCV	DB 726515	ZCV
DB 726516	ZCV	DB 726517	ZCV	DB 726519	ZCV
DB 726522	ZCV	DB 726524	ZCV		

TOTAL = 140

POOL 5135 RUDD (MODIFIED) - MAINTAINED AT WOKING

DB 972096	ZBA	DB 972199	ZBA	DB 972200	ZBA
DB 972203	ZBA	DB 972204	ZBA	DB 972205	ZBA
DB 972207	ZBA	DB 972209	ZBA	DB 972210	ZBA
DB 972211	ZBA	DB 972212	ZBA	DB 972213	ZBA
DB 972214	ZBA	DB 972215	ZBA	DB 972216	ZBA
DB 972217	ZBA	DB 972218	ZBA	DB 972219	ZBA
DB 972220	ZBA	DB 972221	ZBA	DB 972222	ZBA
DB 972223	ZBA	DB 972224	ZBA	DB 972225	ZBA
DB 972226	ZBA	DB 972227	ZBA	DB 972228	ZBA
DB 972229	ZBA	DB 972230	ZBA	DB 972231	ZBA
DB 972232	ZBA	DB 972233	ZBA	DB 972234	ZBA
DB 972235	ZBA	DB 972236	ZBA	DB 972237	ZBA
DB 972258	ZBA	DB 972259	ZBA	DB 972261	ZBA
DB 972282	ZBA	DB 972283	ZBA	DB 972284	ZBA
DB 972285	ZBA	DB 972286	ZBA	DB 972287	ZBA
DB 972288	ZBA	DB 972289	ZBA	DB 972290	ZBA
DB 972291	ZBA	DB 972292	ZBA	DB 972293	ZBA
DB 972294	ZBA	DB 972295	ZBA	DB 972296	ZBA
DB 972297	ZBA	DB 972298	ZBA	DB 972299	ZBA
DB 972300	ZBA	DB 972301	ZBA	DB 972302	ZBA
DB 972303	ZBA	DB 972304	ZBA	DB 972305	ZBA
DB 972306	ZBA	DB 972307	ZBA	DB 972308	ZBA
DB 972309	ZBA	DB 972353	ZBA	DB 972391	ZBA

WAGON FLEET NUMBERS

DB 972393	ZBA	DB 972394	ZBA	DB 972395	ZBA
DB 972396	ZBA	DB 972397	ZBA	DB 972398	ZBA
DB 972399	ZBA	DB 972409	ZBA	DB 972445	ZBA
DB 972451	ZBA	DB 972457	ZBA	DB 927459	ZBA
DB 972508	ZBA	DB 972591	ZBA	DB 972592	ZBA
DB 972593	ZBA	DB 972594	ZBA	DB 972595	ZBA
DB 972596	ZBA	DB 972597	ZBA	DB 972598	ZBA
DB 972599	ZBA	DB 972600	ZBA	DB 972601	ZBA
DB 972602	ZBA	DB 972603	ZBA	DB 972604	ZBA
DB 972605	ZBA	DB 972606	ZBA	DB 972607	ZBA
DB 972608	ZBA	DB 972609	ZBA	DB 972610	ZBA
DB 972611	ZBA	DB 972659	ZBA	DB 972660	ZBA
DB 970661	ZBA	DB 972662	ZBA	DB 972663	ZBA
DB 972664	ZBA	DB 972665	ZBA	DB 972666	ZBA
DB 972667	ZBA	DB 972668	ZBA	DB 972669	ZBA
DB 972670	ZBA	DB 972671	ZBA	DB 972672	ZBA
DB 972673	ZBA	DB 972674	ZBA	DB 972675	ZBA
DB 972676	ZBA	DB 972677	ZBA	DB 972678	ZBA
DB 972679	ZBA	DB 972680	ZBA	DB 972681	ZBA
DB 972682	ZBA	DB 972683	ZBA	DB 972684	ZBA
DB 972685	ZBA	DB 972686	ZBA	DB 972687	ZBA
DB 972688	ZBA	DB 972689	ZBA	DB 972741	ZBA
DB 972742	ZBA	DB 972743	ZBA	DB 972744	ZBA
DB 972745	ZBA	DB 972746	ZBA	DB 972747	ZBA
DB 972748	ZBA	DB 972749	ZBA	DB 972750	ZBA
DB 970751	ZBA	DB 972752	ZBA	DB 972753	ZBA
DB 972754	ZBA	DB 972755	ZBA	DB 972756	ZBA
DB 972757	ZBA	DB 972758	ZBA	DB 972759	ZBA
DB 972760	ZBA	DB 972761	ZBA	DB 972762	ZBA
DB 972763	ZBA	DB 972764	ZBA	DB 972765	ZBA
DB 972766	ZBA	DB 972767	ZBA	DB 972768	ZBA
DB 972769	ZBA	DB 972770	ZBA	DB 972771	ZBA
DB 972772	ZBA	DB 972773	ZBA	DB 972774	ZBA
DB 972775	ZBA	DB 972776	ZBA	DB 972777	ZBA
DB 972778	ZBA	DB 972779	ZBA	DB 972780	ZBA
DB 972781	ZBA	DB 972782	ZBA	DB 972783	ZBA
DB 972784	ZBA	DB 972785	ZBA	DB 972786	ZBA
DB 972787	ZBA	DB 972788	ZBA	DB 972789	ZBA
DB 972790	ZBA	DB 972791	ZBA	DB 972792	ZBA
DB 972793	ZBA	DB 972794	ZBA	DB 972795	ZBA
DB 972796	ZBA	DB 972797	ZBA	DB 972798	ZBA
DB 972799	ZBA				

TOTAL = 193 Whole Pool had GR 1990/91

POOL 5137 RUDD (UNMODIFIED) - MAINTAINED AT WOKING

DB 972070	ZBA	DB 972080	ZBA	DB 972097	ZBA
DB 972107	ZBA	DB 972439	ZBA	DB 972455	ZBA
DB 972502	ZBA	DB 972503	ZBA	DB 972504	ZBA
DB 972506	ZBA	DB 972512	ZBA	DB 972514	ZBA
DB 972515	ZBA	DB 972519	ZBA	DB 972520	ZBA
DB 972527	ZBA	DB 970538	ZBA	DB 972539	ZBA

DB 972540	ZBA	DB 972543	ZBA	DB 972544	ZBA
DB 972545	ZBA	DB 972547	ZBA	DB 972552	ZBA

TOTAL = 24 Whole Pool had GR in 1990

POOL 5151 PARR - MAINTAINED AT MARCH

DC 967507 (92)	YQA	DC 967508	YQA	DC 967509	YQA
DC 967514 (92)	YQA	DC 967517	YQA	DC 967519	YQA
DC 967523	YQA	DC 967526	YQA	DC 967527	YQA
DC 967529	YQA	DC 967530 (92)	YQA	DC 967533 (92)	YQA
DC 967535	YQA	DC 967538	YQA	DC 967540	YQA
DC 967542	YQA	DC 967548	YQA	DC 967551 (90)	YQA
DC 967554	YQA	DC 967555 (92)	YQA	DC 967557 (90)	YQA
DC 967564	YQA	DC 967565	YQA	DC 967566	YQA
DC 967567	YQA	DC 967568	YQA	DC 967569	YQA
DC 967573	YQA	DC 967574 (92)	YQA	DC 967577	YQA
DC 967580	YQA	DC 967585	YQA	DC 967622	YQA

TOTAL = 33

POOL 5152 SALMON (FT) - MAINTAINED AT EASTLEIGH

DB 996367	YMA	DB 996379	YMA	DB 996381	YMA
DB 996384	YMA	DB 996389	YMA	DB 996390 (91)	YMA
DB 996395 (91)	YMA	DB 996402	YMA	DB 996405	YMA
DB 996407	YMA	DB 996410	YMA	DB 996412	YMA
DB 996418	YMA	DB 996421	YMA	DB 996429	YMA
DB 996433	YMA	DB 996441 (92)	YMA	DB 996445	YMA
DB 996449	YMA	DB 996451	YMA	DB 996452	YMA
DB 996460 (91)	YMA	DB 996469	YMA	DB 996470	YMA
DB 996475	YMA	DB 996477	YMA	DB 996483	YMA
DB 996487	YMA	DB 996492	YMA	DB 996499	YMA

TOTAL = 30

POOL 5153 CARP/HALIBUT/POLLOCK - MAINTAINED AT EASTLEIGH

DB 924820	ZCA	DB 924824	ZCA	DB 981000	YCA
DB 981001	YCA	DB 988600	ZBA		

TOTAL = 5

WAGON FLEET NUMBERS

POOL 5154 SALMON (DUAL) - MAINTAINED AT EASTLEIGH

DB 996500	YMA	DB 996501	YMA	DB 996508	YMA
DB 996514	YMA	DB 996516	YMA	DB 996519	YMA
DB 996523	YMA	DB 996528	YMA	DB 996530	YMA
~~DB 996537~~	YMA	DB 996538	YMA	DB 996540 (92)	YMB
DB 996543 (90)	YMA	DB 996545	YMA	DB 996546	YMA
DB 996548	YMA	DB 996549 (91)	YMA	DB 996550 (91)	YMA
DB 996555	YMA	DB 996557	YMA	DB 996560 (90)	YMA
DB 996562	YMA	DB 996565	YMA	DB 996567	YMA
DB 996569	YMA	DB 996570	YMA	DB 996571	YMA
DB 996572	YMA	DB 996573	YMA	DB 996575	YMA
DB 996579 (90)	YMA	DB 996583	YMA	DB 996585	YMA
DB 996588	YMA	DB 996589 (91)	YMA	DB 996590	YMA
DB 996592	YMA	DB 996593	YMA	DB 996594	YMA
DB 996597	YMA	DB 996598 (91)	YMA	DB 996602	YMA
DB 996604	YMA	DB 996607	YMA	DB 996609	YMA
DB 996610	YMA	DB 996613	YMA	DB 996614	YMA
DB 996618	YMA	DB 996620 (91)	YMA	DB 996621	YMA
DB 996623	YMA	DB 996628	YMA	DB 996629	YMA
DB 996631	YMA	DB 996632	YMA	DB 996639	YMA
DB 996640	YMA	DB 996660 (92)	YMA	DB 996642	YMA
DB 996657	YMA	DB 996659 (91)	YMA	DB 996661	YMA
DB 996664	YMA	DB 996665	YMA	DB 996666	YMA
DB 996667	YMA	DB 996669	YMA	DB 996825	YMB
DB 996875	YMA	DB 996896	YMB	DB 996939 (91)	YMB
DB 996941 (91)	YMB	DB 996942	YMB	DB 996944	YMB
DB 996949	YMB	DB 996973	YMB	DB 996974	YMB
DB 996979	YMB	DB 996993	YMB	DB 996660	YMA
DB 996825	YMB	DB 996875	YMA		

TOTAL = 80

POOL 5159 SEA URCHIN - MAINTAINED AT TONBRIDGE

DC 200655	ZCA	DC 200660	ZCA	DC 200662	ZCA
DC 200664	ZCA	DC 200666	ZCA	DC 200670	ZCA
DC 200671	ZCA	DC 200673	ZCA	DC 200674	ZCA
DC 200678	ZCA	DC 200681	ZCA	DC 200682	ZCA
DC 200685	ZCA	DC 200694	ZCA	DC 200695	ZCA
DC 200697	ZCA	DC 200698	ZCA	DC 200699	ZCA
DC 200701	ZCA	DC 200706	ZCA	DC 200710	ZCA
DC 200712	ZCA	DC 200713	ZCA	DC 200718	ZCA
DC 200719	ZCA	DC 200722	ZCA	DC 200723	ZCA
DC 200724	ZCA	DC 200725	ZCA	DC 200726	ZCA
DC 200730	ZCA	DC 200737	ZCA	DC 200739	ZCA
DC 200744	ZCA	DC 200745	ZCA	DC 200749	ZCA
DC 200750	ZCA	DC 200752	ZCA	DC 200753	ZCA
DC 200757	ZCA	DC 200760	ZCA	DC 200765	ZCA
DC 200771	ZCA	DC 200773	ZCA	DC 200776	ZCA
DC 200786	ZCA	DC 200793	ZCA	DC 200794	ZCA
DC 200802	ZCA	DC 200803	ZCA	DC 200804	ZCA
DC 200805	ZCA	DC 200812	ZCA	DC 200819	ZCA
DC 200820	ZCA	DC 200825	ZCA	DC 200829	ZCA
DC 200835	ZCA	DC 200840	ZCA	DC 200841	ZCA

WAGON FLEET NUMBERS

DC 200842	ZCA	DC 200845	ZCA	DC 200854	ZCA
DC 200862	ZCA	DC 200865	ZCA	DC 200868	ZCA
DC 200873	ZCA	DC 200877	ZCA	DC 200878	ZCA
DC 200883	ZCA	DC 200907	ZCA	DC 200911	ZCA
DC 200920	ZCA	DC 200924	ZCA	DC 200926	ZCA
DC 200928	ZCA	DC 200929	ZCA	DC 200932	ZCA
DC 200935	ZCA	DC 200936	ZCA	DC 200940	ZCA
DC 200941	ZCA	DC 200947	ZCA	DC 200957	ZCA
DC 200958	ZCA	DC 200959	ZCA	DC 200960	ZCA
DC 200967	ZCA	DC 200970	ZCA	DC 200975	ZCA
DC 200979	ZCA	DC 200989	CZA	DC 200991	ZCA
DC 200997	ZCA	DC 210101	ZCA	DC 210105	ZCA
DC 210108	ZCA	DC 210109	ZCA	DC 210112	ZCA
DC 210118	ZCA	DC 210120	ZCA	DC 210121	ZCA
DC 210122	ZCA	DC 210123	ZCA	DC 210125	ZCA
DC 210126	ZCA	DC 210130	ZCA	DC 210132	ZCA
DC 210133	ZCA	DC 210138	ZCA	DC 210143	ZCA
DC 210145	ZCA	DC 210148	ZCA	DC 210149	ZCA
DC 210150	ZCA	DC 210151	ZCA	DC 210156	ZCA
DC 210161	ZCA	DC 210167	ZCA	DC 210171	ZCA
DC 210172	ZCA	DC 210176	ZCA	DC 210179	ZCA
DC 210181	ZCA	DC 210187	ZCA	DC 210188	ZCA
DC 210190	ZCA	DC 210191	ZCA	DC 210197	ZCA
DC 210201	ZCA	DC 210205	ZCA	DC 210207	ZCA
DC 210211	ZCA	DC 210212	ZCA	DC 210213	ZCA
DC 210216	ZCA	DC 210217	ZCA	DC 210222	ZCA
DC 210226	ZCA	DC 210229	ZCA	DC 210233	ZCA
DC 210235	ZCA	DC 210236	ZCA	DC 210238	ZCA
DC 210239	ZCA	DC 210240	ZCA	DC 210243	ZCA
DC 210244	ZCA	DC 210245	ZCA	DC 210246	ZCA
DC 210247	ZCA	DC 210248	ZCA	DC 210254	ZCA
DC 210255	ZCA	DC 210256	ZCA	DC 210263	ZCA
DC 210266	ZCA	DC 210270	ZCA	DC 210271	ZCA
DC 210278	ZCA	DC 210285	ZCA	DC 210287	ZCA
DC 210289	ZCA	DC 210290	ZCA	DC 210291	ZCA
DC 210292	ZCA	DC 210296	ZCA	DC 210297	ZCA
DC 210298	ZCA	DC 210301	ZAC	DC 210303	ZCA
DC 210305	ZCA	DC 210311	ZCA	DC 210315	ZCA
DC 210321	ZCA	DC 210322	ZCA	DC 210325	ZCA
DC 210331	ZCA	DC 210334	ZCA	DC 210336	ZCA
DC 210337	ZCA	DC 210338	ZCA	DC 210343	ZCA
DC 210344	ZCA	DC 210345	ZCA	DC 210346	ZCA
DC 210348	ZCA	DC 210349	ZCA	DC 210350	ZCA
DC 210351	ZCA	DC 210353	ZCA	DC 210355	ZCA
DC 210356	ZCA	DC 210358	ZCA	DC 210360	ZCA
DC 210361	ZCA	DC 210362	ZCA	DC 210365	ZCA
DC 210368	ZCA	DC 210374	ZCA	DC 210376	ZCA
DC 210377	ZCA	DC 210378	ZCA	DC 210383	ZCA
DC 210384	ZCA	DC 210385	ZCA	DC 210387	ZCA
DC 210388	ZCA	DC 210395	ZCA	DC 210396	ZCA
DC 210397	ZCA				

TOTAL = 211

WAGON FLEET NUMBERS

POOL 5164 FLATROL/LCWMAC - MAINTAINED AT VARIOUS LOCATIONS NSE STH

ADB 904532 (90)	ZVW	ADB 904534	ZVW	ADB 904638 (91)	ZVW
DB 900006	ZVR	DB 900010	ZVR	DB 900013	ZVR
DB 900025	ZXR	DB 900027	ZVR	DB 900028	ZVR
DB 900030	ZVR	DB 900032	ZVR	DB 900033	ZVR
DB 900034 (90)	ZVR	DB 900035 (90)	ZVR	DB 900036	ZVR
DB 900038	ZVR	DB 900039	ZVR	DB 900044	ZVR
DB 900045	ZVR	DB 900047	ZVR	DB 900106	ZVR
DB 900122	ZVW	DB 904500	ZXW	DB 904508	ZXV
DB 904639	ZVW	DB 904640	ZVW	DB 998006	ZVR
DB 998014	ZVR	DB 998018	ZVR	DE 176329	ZVR
DE 217319	ZVR	DE 260848	ZXW	DE 278505	ZXW
DS 61098	ZXQ	DS 61107	ZVR	ADS 61103	ZVP

TOTAL = 36

POOL 5168 GEISMAR/ELK/RUNNER - MAINTAINED AT EASTLEIGH

DB 748126	ZXX	DB 748147	ZXX	DB 996273	YFA
DB 996468	YFA	DB 996490	YFA	DB 996495	YFA
DB 996637	YFA	DB 996112	YFA		

TOTAL = 8

POOL 5170 BRAKEVAN - MAINTAINED AT THREE BRIDGES

DS 56119 *(92)	ZTR	DS 56454 +(92)	ZTR	KDB 954429 #	ZPR
KDB 954672 *	ZTR	KDE 310850#(90)	ZPV	KDS 55997 #(92)	ZTR
KDS 56400 #(92)	ZTP	DS 56296 (93)	YTX		

TOTAL = 8

= Red / Yellow
* = Red / Grey
+ = Dutch Livery

POOL 5172 TUNNEL TRAIN - MAINTAINED AT MARCH

DB 975663	QXW	DS 70164	QPW

TOTAL = 2

POOL 5176 BRAKEFORCE - MAINTAINED AT IPSWICH

201005	VDA	201045	VDA	201056	VDA
201075	VDA	DB 786894	ZSX	DB 786901	ZSX
DB 786922	ZSX	DB 786991	ZSX	DB 787004	ZSX
DB 787007	ZSX	DB 787279	ZSX	KDB 786905	ZRX
KDB 786918	ZRX	KDB 786966	ZRX	KDB 786998	ZRX
KDC 230049	ZRA	KDC 230097	ZRA	KDC 230453	ZRA

TOTAL = 18

WAGON FLEET NUMBERS

POOL 5190 SQUID (SE) - MAINTAINED AT TONBRIDGE

DC 100004	ZDA	DC 100007	ZDA	DC 100008	ZDA
DC 100010	ZDA	DC 100011	ZDA	DC 100015	ZDA
DC 100017	ZDA	DC 100019	ZDA	DC 100021	ZDA
DC 100025	ZDA	DC 100026	ZDA	DC 100031	ZDA
DC 100033	ZDA	DC 100035	ZDA	DC 100047	ZDA
DC 100048	ZDA	DC 100050	ZDA	DC 100051	ZDA
DC 100057	ZDA	DC 100058	ZDA	DC 100059	ZDA
DC 100063	ZDA	DC 100067	ZDA	DC 100068	ZDA
DC 100069	ZDA	DC 100071	ZDA	DC 100072	ZDA
DC 100075	ZDA	DC 100077	ZDA	DC 100078	ZDA
DC 100083	ZDA	DC 100087 (92)	ZDA	DC 100089	ZDA
DC 100093	ZDA	DC 100095	ZDA	DC 100097	ZDA
DC 100098	ZDA				

TOTAL = 37

POOL 5192 SQUID/SEAL (SC) - MAINTAINED AT THREE BRIDGES

DB 715009	ZGA	DB 715025	ZGA	DB 715031	ZGA
DB 715037	ZGA	DC 100003	ZDA	DC 100013	ZDA
DC 100020	ZDA	DC 100022	ZDA	DC 100028	ZDA
DC 100030	ZDA	DC 100032	ZDA	DC 100036	ZDA
DC 100037	ZDA	DC 100041	ZDA	DC 100044	ZDA
DC 100045	ZDA	DC 100049	ZDA	DC 100081	ZDA
DC 100085	ZDA				

TOTAL = 19

POOL 5194 SQUID (SW) - MAINTAINED AT WOKING

DC 100001	ZDA	DC 100006	ZDA	DC 100009	ZDA
DC 100014	ZDA	DC 100018	ZDA	DC 100024	ZDA
DC 100027	ZDA	DC 100053	ZDA	DC 100054	ZDA
DC 100056	ZDA	DC 100062	ZDA	DC 100064	ZDA
DC 100065	ZDA	DC 100074	ZDA	DC 100080	ZDA

TOTAL = 15

POOL 5302 SHARK BRAKE VAN - MAINTAINED AT IPSWICH

DB 993723 * +	ZUW	DB 993746	ZUW	DB 993760	ZUW
DB 993764	ZUW	DB 993786	ZUV	DB 993791	ZUV
DB 993800 (90)	ZUW	DB 993834	ZUW	DB 993854	ZUW
DB 993905 *	ZUW	DB 993913	ZUW	DB 993937 (93)	ZUW
DS 62862 *	ZUV	DS 62864 *	ZUW		

TOTAL = 14

* - for 3rd Rail + - Green

WAGON FLEET NUMBERS

POOL 5312 FLATROL/LOWMAC - MAINTAINED AT IPSWICH

DB	900312	YXR	DB	900500	YXR	DB	904103	ZVW
DB	904129	ZXV✓	DB	904141	ZVW	DB	904142	ZVW
KDB	900936	YXR						

TOTAL = 7

POOL 5351 SEACOW (LIGHTED) - MAINTAINED AT IPSWICH

SET 2

DB 980062	(92)	YGB	DB 980073	(92)	YGB	DB 980201	(92)	YGB
DB 982457	(91)	YGB	DB 982525	(92)	YGB	DB 982563	(91)	YGB
DB 982667	(92)	YGB	DB 982737	(92)	YGB	DB 982767+	(92)	YGB
DB 982835	(92)	YGB						

TOTAL = 10 + = Stingray

POOL 5353 DOGFISH - MAINTAINED AT IPSWICH

DB 983103	ZFV	DB 983111	ZFV	DB 983113	ZFV
DB 983137	ZFV	DB 983138	ZFV	DB 983139	ZFV
DB 983195	ZFV	DB 983213	ZFV	DB 983557	ZFV
DB 983260	ZFV	DB 983275	ZFV	DB 983582	ZFV
DB 983589	ZFV	DB 983591	ZFV	DB 983618	ZFV
DB 983916	ZFV	DB 992713	ZFV	DB 992768	ZFV
DB 992855	ZFV	DB 992857	ZFV	DB 992937	ZFV
DB 993032	ZFV	DB 993054	ZFV	DB 993098	ZFV
DB 993126	ZFV	DB 993156	ZFV	DB 993170	ZFV
DB 993178	ZFV	DB 993210	ZFV	DB 993217	ZFV
DB 993224	ZFV	DB 993228	ZFV	DB 993237	ZFV
DB 993304	ZFV	DB 993312	ZFV	DB 993320	ZFV
DB 993352	ZFV	DB 993365	ZFV	DB 993369	ZFV
DB 993375	ZFV	DB 993380	ZFV	DB 993409	ZFV
DB 993422	ZFV	DB 993427	ZFV	DB 993475	ZFV
DB 993479	ZFV	DB 993489	ZFV	DB 993492	ZFV
DB 993506	ZFV	DB 993567	ZFV	DB 993569	ZFV
DB 993588	ZFV	DB 993622	ZFV	DB 993624	ZFV
DB 993625	ZFV	DB 993630	ZFV		

TOTAL = 56

POOL 5354 CATFISH ~~- MAINTAINED AT IPSWICH~~

DB 983398	ZEV	DB 983399	ZEV	DB 983402	ZEV
DB 983409	ZEV	DB 983421	ZEV	DB 983428	ZEV
DB 983453	ZEV	DB 983482	ZEV	DB 983486	ZEV
DB 983528	ZEV	DB 983570	ZEV	DB 983572	ZEV
DB 983672	ZEV	DB 983679	ZEV	DB 983711	ZEV
DB 983717	ZEV	DB 983758	ZEV	DB 983770	ZEV
DB 983772	ZEV	DB 983780	ZEV	DB 983833	ZEV
DB 983858	ZEV	DB 983861	ZEV	DB 983864	ZEV
DB 983865	ZEV	DB 983877	ZEV	DB 992556	ZEV
DB 992571	ZEV	DB 992609	ZEV	DB 992613	ZEV

DB 992620	ZEV	DB 992635 (90)	ZEV	DB 992648	ZEV
DB 992666	ZEV	DB 992672	ZEV	DB 993536	ZEV
DB 993540	ZEV	DB 993541	ZEV		

TOTAL = 38

POOL 5355 SEAHARE - MAINTAINED AT IPSWICH

DC 460054	ZCA	DC 460221	ZCA	DC 460332	ZCA
DC 460336	ZCA	DC 460337	ZCA	DC 460341	ZCA
DC 460349	ZCA	DC 460357	ZCA	DC 460359	ZCA
DC 460380	ZCA	DC 460386	ZCA	DC 460394	ZCA
DC 460396	ZCA	DC 460397	ZCA	DC 460405	ZCA
DC 460409	ZCA	DC 460415	ZCA	DC 460427	ZCA
DC 460433	ZCA	DC 460439	ZCA	DC 460447	ZCA
DC 460460	ZCA	DC 460461	ZCA	DC 460466	ZCA
DC 460479	ZCA	DC 460480	ZCA	DC 460503	ZCA
DC 460511	ZCA	DC 460524	ZCA	DC 460531	ZCA
DC 460533	ZCA	DC 460538	ZCA	DC 460562	ZCA
DC 460568	ZCA	DC 460574	ZCA	DC 460576	ZCA
DC 460580	ZCA	DC 460582	ZCA	DC 460605	ZCA
DC 460630	ZCA	DC 460632	ZCA	DC 460639	ZCA
DC 460645	ZCA	DC 460646	ZCA	DC 460649	ZCA
DC 460658	ZCA	DC 460668	ZCA	DC 460707	ZCA
DC 460720	ZCA	DC 460726	ZCA	DC 460741	ZCA
DC 460749	ZCA	DC 460759	ZCA	DC 460763	ZCA
DC 460768	ZCA	DC 460769	ZCA	DC 460772	ZCA
DC 460778	ZCA	DC 460782	ZCA	DC 460794	ZCA
DC 460799	ZCA	DC 460801	ZCA	DC 460839	ZCA
DC 460842	ZCA	DC 460860	ZCA	DC 460862	ZCA
DC 460866	ZCA	DC 460892	ZCA	DC 460893	ZCA
DC 460894	ZCA	DC 460912	ZCA	DC 460918	ZCA
DC 460922	ZCA	DC 460924	ZCA	DC 460940	ZCA
DC 460977	ZCA	DC 460979	ZCA	DC 460980	ZCA
DC 460990	ZCA	DC 460995	ZCA	DC 461020	ZCA
DC 461023	ZCA	DC 461025	ZCA	DC 461038	ZCA
DC 461041	ZCA	DC 461051	ZCA	DC 461053	ZCA
DC 461080	ZCA	DC 461094	ZCA	DC 461098	ZCA
DC 461101	ZCA	DC 460432	ZCA	DC 460438	ZCA
DC 460522	ZCA	DC 460617	ZCA	DC 460786	ZCA
DC 460985	ZCA	DC 460776	ZCA	DC 461037	ZCA

TOTAL = 99

POOL 5357 WHALE - MAINTAINED AT MARCH

DB 982350	YHA	DB 982352 (90)	YHA	DB 982353 (92)	YHA
DB 982356 (90)	YHA	DB 982362	YHA	DB 982363 (92)	YHA
DB 982364	YHA	DB 982365	YHA	DB 982367 (90)	YHA
DB 982371	YHA	DB 982373 (90)	YHA	DB 982375	YHA
DB 982376 (92)	YHA	DB 982378	YHA	DB 982380 (90)	YHA
DB 982385	YHA	DB 982386	YHA	DB 982387 (90)	YHA
DB 982390	YHA	DB 982391	YHA	DB 982392 (92)	YHA
DB 982395	YHA	DB 982396	YHA	DB 982397	YHA
DB 982400	YHA	DB 982401	YHA	DB 982404	YHA

WAGON FLEET NUMBERS

DB 982405 (90)	YHA	DB 982407 (92)	YHA	DB 982412	YHA
DB 982424 (92)	YHA	DB 982425	YHA	DB 982427 (90)	YHA
DB 982429	YHA	DB 982432	YHA	DB 982433	YHA
DB 982434	YHA	DB 982435 (92)	YHA	DB 982437	YHA
DB 982438	YHA				

TOTAL = 40

POOL 5358 CLAM - MAINTAINED AT IPSWICH

DB 973067	ZCV	DB 973068	ZCV	DB 973069	ZCV
DB 973070	ZCV	DB 973071	ZCV	DB 973073	ZCV
DB 973074	ZCV	DB 973075	ZCV	DB 973076	ZCV
DB 973078	ZCV	DB 973081	ZCV	DB 973082	ZCV
DB 973083	ZCV	DB 973084	ZCV	DB 973085	ZCV
DB 973088	ZCV	DB 973090	ZCV	DB 973094	ZCV
DB 973095	ZCV	DB 973096	ZCV	DB 973097	ZCV
DB 973099	ZCV	DB 973100	ZCV	DB 973101	ZCV
DB 973103	ZCV	DB 973104	ZCV	DB 973105	ZCV
DB 973111	ZCV	DB 973112	ZCV	DB 973115	ZCV
DB 973119	ZCV	DB 973121	ZCV	DB 973125	ZCV
DB 973126	ZCV	DB 973154	ZCV	DB 973157	ZCV
DB 973169	ZCV	DB 973174	ZCV	DB 973176	ZCV
DB 973177	ZCV	DB 973178	ZCV	DB 973179	ZCV
DB 973180	ZCV	DB 973181	ZCV	DB 973182	ZCV
DB 973184	ZCV	DB 973185	ZCV	DB 973186	ZCV
DB 973187	ZCV	DB 973189	ZCV	DB 973190	ZCV
DB 973191	ZCV	DB 973192	ZCV	DB 973193	ZCV
DB 973194	ZCV	DB 973195	ZCV	DB 973198	ZCV
DB 973200	ZCV	DB 973203	ZCV	DB 973206	ZCV
DB 973207	ZCV	DB 973209	ZCV	DB 973240	ZCV
DB 973241	ZCV	DB 973242	ZCV	DB 973243	ZCV
DB 973244	ZCV	DB 973245	ZCV	DB 973246	ZCV
DB 973247	ZCV	DB 973248	ZCV	DB 972249	ZCV
DB 973252	ZCV	DB 973253	ZCV	DB 973254	ZCV
DB 973256	ZCV	DB 973257	ZCV	DB 973258	ZCV
DB 973259	ZCV	DB 973261	ZCV	DB 973262	ZCV
DB 973263	ZCV	DB 973264	ZCV	DB 973265	ZCV
DB 973266	ZCV	DB 973270	ZCV	DB 973272	ZCV
DB 973273	ZCV	DB 973274	ZCV	DB 973275	ZCV
DB 973276	ZCV	DB 973277	ZCV	DB 973278	ZCV
DB 973279	ZCV	DB 973087	ZCV	DB 973280	ZCV
DB 973281	ZCV	DB 973282	ZCV	DB 973283	ZCV
DB 973284	ZCV	DB 973286	ZCV	DB 973287	ZCV
DB 973288	ZCV	DB 973290	ZCV	DB 973353	ZCV
DB 973354	ZCV	DB 973355	ZCV	DB 973356	ZCV
DB 973357	ZCV	DB 973358	ZCV	DB 973359	ZCV
DB 973361	ZCV	DB 973363	ZCV	DB 973364	ZCV
DB 973366	ZCV	DB 973367	ZCV	DB 973368	ZCV
DB 973369	ZCV	DB 973370	ZCV	DB 973373	ZCV
DB 973375	ZCV	DB 973376	ZCV	DB 973377	ZCV
DB 973378	ZCV	DB 973380	ZCV	DB 973381	ZCV
DB 973382	ZCV	DB 973383	ZCV	DB 973384	ZCV
DB 973388	ZCV	DB 973389	ZCV	DB 973392	ZCV
DB 973393	ZCV	DB 973394	ZCV		

TOTAL = 134 Whole Pool had GR in 1989/90

WAGON FLEET NUMBERS

POOL 5360 TOPE - MAINTAINED AT IPSWICH

DB 970102	ZCV	DB 970104	ZCV	DB 970106	ZCV
DB 970120	ZCV	DB 970159	ZCV	DB 970165	ZCV
DB 970174	ZCV	DB 970176	ZCV	DB 970179	ZCV
DB 970182	ZCV	DB 970183	ZCV	DB 970184	ZCV
DB 970186	ZCV	DB 970188	ZCV	DB 970189	ZCV
DB 970190	ZCV	DB 970191	ZCV	DB 970192	ZCV
DB 970195	ZCV	DB 970196	ZCV	DB 970198	ZCV
DB 970199	ZCV	DB 970200	ZCV	DB 970202	ZCV
DB 970203	ZCV	DB 970204	ZCV	DB 970205	ZCV
DB 970206	ZCV	DB 970207	ZCV	DB 970208	ZCV
DB 970211	ZCV	DB 970212	ZCV	DB 970213	ZCV
DB 970214	ZCV	DB 970216	ZCV	DB 970217	ZCV
DB 970218	ZCV	DB 970219	ZCV	DB 970220	ZCV
DB 970222	ZCV	DB 970223	ZCV	DB 970227	ZCV
DB 970231	ZCV	DB 970232	ZCV	DB 970234	ZCV
DB 970235	ZCV	DB 970241	ZCV	DB 970243	ZCV
DB 970246	ZCV	DB 970247	ZCV	DB 970250	ZCV
DB 970424	ZCV	DB 970425	ZCV	DB 970426	ZCV
DB 970428	ZCV	DB 970429	ZCV	DB 970430	ZCV
DB 970431	ZCV	DB 970432	ZCV	DB 970433	ZCV
DB 970435	ZCV	DB 970436	ZCV	DB 970437	ZCV
DB 970440	ZCV	DB 970442	ZCV	DB 970444	ZCV
DB 970446	ZCV	DB 970447	ZCV	DB 970640	ZCV
DB 970233	ZCV				

TOTAL = 70 Whole Pool had GR in 1989/90

POOL 5364 RUDD - MAINTAINED AT MARCH

DB 972082	ZBA	DB 972087	ZBA	DB 972088	ZBA
DB 972119	ZBA	DB 972190	ZBA	DB 972206	ZBA
DB 972238	ZBA	DB 972240	ZBA	DB 972241	ZBA
DB 972242	ZBA	DB 972243	ZBA	DB 972244	ZBA
DB 972245	ZBA	DB 972250	ZBA	DB 972251	ZBA
DB 972252	ZBA	DB 972254	ZBA	DB 972255	ZBA
DB 972429	ZBA	DB 972437	ZBA	DB 972443	ZBA
DB 972456	ZBA	DB 972479	ZBA	DB 972480	ZBA
DB 972481	ZBA	DB 972482	ZBA	DB 972485	ZBA
DB 972486	ZBA	DB 972487	ZBA	DB 972488	ZBA
DB 972491	ZBA	DB 972492	ZBA	DB 972493	ZBA
DB 972494	ZBA	DB 972496	ZBA	DB 972497	ZBA
DB 972498	ZBA	DB 972500	ZBA	DB 972501	ZBA
DB 972505	ZBA	DB 972507	ZBA	DB 972509	ZBA
DB 972510	ZBA	DB 972511	ZBA	DB 972513	ZBA
DB 972516	ZBA	DB 972517	ZBA	DB 972518	ZBA
DB 972521	ZBA	DB 972522	ZBA	DB 972523	ZBA
DB 972525	ZBA	DB 972526	ZBA	DB 972528	ZBA
DB 972529	ZBA	DB 972531	ZBA	DB 972537	ZBA
DB 972541	ZBA	DB 972542	ZBA	DB 972546	ZBA
DB 972548	ZBA	DB 972549	ZBA	DB 972551	ZBA
DB 972553	ZBA	DB 972575	ZBA	DB 972628	ZBA

WAGON FLEET NUMBERS

DB 972631	ZBA	DB 972632	ZBA	DB 972633	ZBA
DB 972635					

TOTAL = 70 Whole Pool had GR in 1990

POOL 5369 STURGEON - MAINTAINED AT MARCH

DB 994171	YBA	DB 994172	YBA	DB 994180	YBA
DB 994208	YBA	DB 994222	YBA	DB 994229	YBA
DB 994230	YBA	DB 994278	YBA	DB 994281	YBA
DB 994286	YBA	DB 994291	YBA	DB 994292	YBA
DB 994295	YBA	DB 994312	YBA	DB 994317	YBA
DB 994318	YBA	DB 994320	YBA	DB 994325	YBA
DB 994326	YBA	DB 994328	YBA	DB 994344	YBA
DB 994345	YBA	DB 994346	YBA	DB 994355	YBA
DB 994363	YBA	DB 994365	YBA	DB 994369	YBA
DB 994385	YBA	DB 994430	YBB	DB 994431	YBA
DB 994450	YBA	DB 994459	YBA	DB 994728	YBA
DB 994818	YBA	DB 994830	YBA	DB 994840	YBA
DB 994868	YBA	DB 994900	YBA	DB 994929	YBA
DB 994943	YBA	DB 994981	YBA	DB 994982	YBA

TOTAL = 42

POOL 5375 SALMON - MAINTAINED AT MARCH

DB 996136	YMA	DB 996243	YMA	DB 996247	YMA
DB 996271	YMA	DB 996303	YMA	DB 996311	YMA
DB 996333	YMA	DB 996362	YMA	DB 996404	YMA
DB 996422	YMA	DB 996457	YMB	DB 996556	YMA
DB 996648	YMA	DB 996805	YMA	DB 996826	YMA
*DB 996834	YMA	DB 996851	YMA	DB 996852	YMA
DB 996855	YMA	DB 996864	YMA	DB 996917	YMB
*DB 996922	YMA	DB 996932	YMA	DB 996933	YMA
DB 996953	YMA	DB 996954	YMA	DB 996978	YMA
DB 997010	YMA	DB 997012	YMB		

* BOLSTERED

TOTAL = 29

POOL 5377 BASS - MAINTAINED AT MARCH

ADC 100012	ZDA	ADC 100055	ZDA	DC 110664	ZDA
DC 100052	ZDA	DC 100061	ZDA	DC 110546	ZDA
DC 110551	ZDA	DC 110555	ZDA	DC 110556	ZDA
DC 110560	ZDA	DC 110563	ZDA	DC 110593	ZDA
DC 110635	ZDA	DC 110658	ZDA	DC 110667	ZDA
DC 110676	ZDA	DC 110687	ZDA	DC 110688	ZDA
DC 110691	ZDA	DC 110697	ZDA	DC 110705	ZDA
DC 110706	ZDA	DC 110711	ZDA	DC 110713	ZDA
DC 110714	ZDA	DC 110715	ZDA	DC 110720	ZDA

DC 110726	ZDA	DC 110731	ZDA	DC 110733	ZDA
DC 110739	ZDA	DC 110741	ZDA	DC 110750	ZDA
DC 110758	ZDA	DC 110771	ZDA	DC 110772	ZDA
DC 110778	ZDA	DC 110791	ZDA	DC 110794	ZDA
DC 110797	ZDA	DC 110800	ZDA		

TOTAL = 41

POOL 5378 BEDSTEAD - MAINTAINED AT MARCH

DB 996258	YFA	DB 996277	YFA	DB 996636	YFA
DB 996847	YFA				

TOTAL = 4

POOL 5379 TENCH - MAINTAINED AT MARCH

DB 994091	YPA	DB 994109	YPA	DB 994115 (90)	YPA
DB 994217	YPA	DB 994218	YPA	DB 994259	YPA
DB 994332	YPA	DB 994357	YPA	DB 994505	YPA
DB 994506 (90)	YPA	DB 994861	YPA	DB 994885	YPA
DB 994898	YPA				

TOTAL = 13

POOL 8393 ELECTRIFICATION VANS (GREEN/YELLOW) - MAINTAINED AT THREE BRIDGES

ADC 200453+(91)	ZRA	ADC 200493+ (91)	ZRA	LDC 200468 (90)	ZYA
LDC 200489 (90)	ZYA	LDC 200498 (92)	ZYA	LDC 200508 (90)	ZYA
LDC 200527 (90)	ZYA	LDC 200536 (90)	ZYA		

TOTAL = 8 + = Generator Van

POOL 8665 - ROMFORD OIL DEPOT - MAINTAINED AT IPSWICH

ADB 975766 (91)	QRX	ADB 975770(91)	QXX	ADE 320580	QQV
ADB 975923 (91)	QVX	ADE 321047	QXV	ADB 975924 (92)	QVX
ADE 321065	QXV	ADB 975296	QSV	ADB 975927	QVX
ADB 975751 (91)	QXA	ADB 975928(91)	QVX	ADB 975752 (91)	QXX
ADB 975758 (91)	QRX	ADB 975762(91)	QXX	DB 900102	ZVR
ADB 975929 (92)	QVX				

TOTAL = 16

WAGON FLEET NUMBERS

POOL 8761 TUBE (ROLLER BEARING) - MAINTAINED AT THREE BRIDGES

ADB 730305 (91) ZDW	ADB 730358 (92) ZDW	ADB 730579 (92) ZDV
ADB 730738 (92) ZDV	ADB 730826 (92) ZDV	ADB 731622 (92) ZDV
ADB 731695 (91) ZDV	ADB 732012 (92) ZDV	ADB 732023 (92) ZDV
ADB 732430 (92) ZDV	ADB 732744 (92) ZDV	ADB 732783 (92) ZDV
ADB 732798 (91) ZDV	ADB 732825 (92) ZDV	ADB 732964 (92) ZDV
ADB 733027 (92) ZDV	ADB 733063 (91) ZDV	

TOTAL = 17

POOL 8765 WELTROL/LOWMAC/FLATROL - MAINTAINED AT THREE BRIDGES

ADW 42345 ZRP	ADB 901022 YRR	ADB 901023 YRR
ADB 901025 YRP	ADB 901152 YRR	ADB 900109*(92) ZVW
ADB 900113*(92) ZVW	ADB 900115*(92) ZVW	ADB 900118 * ZVW
ADB 900119 * ZVW	ADB 900120 * ZVW	ADB 904122 ZRV
ADB 904135 ZRV		

TOTAL = ~~12~~ 13 * = Green/Yellow

POOL 8767 MISCELLANEOUS - MAINTAINED AT THREE BRIDGES

ADB 889016 ZRX (TV)	ADB 975162 QQX	998918 ZRP
ADB 975456 QVX	ADB 975638 QPB (MV)	ADB 999030 ~~ZRW~~
ADB ~~999073~~ ~~ZRW (TANK)~~	DB 975807 QXW (GUAGING)	
998919 ZRP		

TOTAL = 7 # = Red / Yellow

POOL 8769 CABLE LAYER - MAINTAINED AT THREE BRIDGES

ADB 976016 YVP	ADB 976019 YVP	ADB 976020 YVP
ADB 976021 YVP	ADB 976022 YVP	ADB 976023 YVP
ADB 976024 YVP	ADB 976025 YVP	ADB 976026 YVP
ADB 976027 YVP		

TOTAL = 10

POOL 8771 BASS (STEEL) - MAINTAINED AT THREE BRIDGES

ADC 112005 ZDA	ADC 112009 ZDA	ADC 112011 (90) ZDA
ADC 112014 (90) ZDA	ADC 112024 (92) ZDA	ADC 112199 ZDA

TOTAL = 6

POOL 8773 CRANES & RUNNERS - MAINTAINED AT THREE BRIDGES

ADB 998530 ZSV	ADB 998531 ZSV	ADRC 96100 ZOV
ADRC 96101 ZOV	ADRW 96500 YOW	ADRW 96501 YOW

TOTAL = 6

POOL 8775 BASS (WOODEN) - MAINTAINED AT THREE BRIDGES

	100023	OAA		100029	OAA		100040	OAA
	100073	OAA		100079	OAA		100082	OAA
	100091	OAA		100092	OAA		100094	OAA
	110583	OBA		110674	OBA	ADC	100000	ZDA
ADC	100005	ZDA	ADC	100016	ZDA	ADC	100039	ZDA
ADC	100042	ZDA	ADC	100046	ZDA	ADC	100066	ZDA
ADC	100070	ZDA	ADC	100076	ZDA	ADC	100084	ZDA
ADC	100086	ZDA	ADC	100088	ZDA	ADC	100090	ZDA
ADC	100096	ZDA	ADC	100099	ZDA	ADC	110392(90)	ZDA
ADC	110393	ZDA	ADC	110516	ZDA	KDC	110521	ZDA
ADC	110564	ZDA	ADC	110610	ZDA	ADC	110650	ZDA
ADC	110696	ZDA	ADC	110704	ZDA	ADC	110722	ZDA
ADC	110740	ZDA	ADC	110768	ZDA	ADC	110792	ZDA
DC	100038	ZDA	DC	110081 (90)	ZDA	DC	110167	ZDA
DC	110219	ZDA	DC	110233	ZDA	DC	110235	ZDA
DC	110236 (91)	ZDA	DC	110237	ZDA	DC	110333	ZDA
DC	110339	ZDA	DC	110424	ZDA	DC	110472	ZDA
DC	110618	ZDA	DC	110636	ZDA	KDC	110005	ZDA
KDC	110008+(90)	ZDA	KDC	110012	ZDA	KDC	110016 +	ZDA
KDC	110018	ZDA	KDC	110028	ZDA	KDC	110032	ZDA
KDC	110041	ZDA	KDC	110043	ZDA	KDC	110052	ZDA
KDC	110070 +	ZDA	KDC	110091(90)	ZDA	KDC	110117	ZDA
KDC	110120	ZDA	KDC	110145	ZDA	KDC	110157	ZDA
KDC	110178 +	ZDA	KDC	110180	ZDA	KDC	110205	ZDA
KDC	110264	ZDA	KDC	110323 +	ZDA	KDC	110348	ZDA
KDC	110363 +	ZDA	KDC	110364	ZDA	KDC	110367	ZDA
KDC	110371	ZDA	KDC	110404	ZDA	KDC	110410	ZDA
KDC	110416 +	ZDA	KDC	110432+(90)	ZDA	KDC	110436	ZDA
KDC	110438	ZDA	DC	110441	ZDA	KDC	110450	ZDA
KDC	110452	ZDA	KDC	110466	ZDA	DC	110483	ZDA
DC	110579	ZDA	KDC	110612	ZDA	KDC	110639	ZDA
KDC	110689	ZDA	KDC	110757	ZDA			

TOTAL = 96 + = Fitted with lights

POOL 8781 COVERED VAN/STEEL BASS (LT&S RE SIGNALLING) - MAINTAINED AT IPSWICH

	201008	VDA		201047	VDA	DC	201084	ZDA
	200212	VBA		200227	VBA		200236	VBA
	200239	VBA		200240	VBA	DC	200041	ZRA
KDC	200373	ZRA	KDC	200388	ZRA	KDC	200412	ZRA
KDC	200431	ZRA	ADC	200072	ZRA	ADC	200088	ZRA
KDC	200077	ZRA	KDC	200391	ZRA	ADC	112392	ZDA
ADC	112001	ZDA	ADC	112008	ZDA	ADC	112010	ZDA
ADC	112013	ZDA	ADC	112015(90)	ZDA	ADC	112016	ZDA
ADC	112017	ZDA	ADC	112025	ZDA	KDC	112063	ZDA
DC	112086(91)	ZDA	DC	112206	ZDA	KDC	112233	ZDA

TOTAL = 30

WAGON FLEET NUMBERS

POOL 8783 CABLE LAYER - MAINTAINED AT MARCH

KDB 940252	YVV	KDB 943543	YVV	KDB 943582	YVV
KDB 943061	YVV	KDB 923545	YVV		

TOTAL = 5

POOL 8789 CABLE LAYER TRAIN (SPARES) - MAINTAINED AT IPSWICH

KDC 200879	ZXA	KDC 950048	YVA	KDC 950082	YVA
KDC 950221	YAA	KDC 950330	YAA	KDC 950358	YAA
KDC 950400 (92)	YVA				

TOTAL = 7

POOL 8791 CABLE LAYER TRAIN (TONBRIDGE) - MAINTAINED AT THREE BRIDGES

KDC 210164 (90)	ZXA	KDC 950807	YVA	KDC 950034	YVA
KDC 950037	YVA	KDC 950849	YVA	KDC 110301	ZDA
KDS 55560 (92)	ZTR	KDC 110148	ZDA	KDC 110425 (90)	ZDA

TOTAL = 9

POOL 8793 CABLE LAYER TRAIN - MAINTAINED AT THREE BRIDGES

KDC 110051	ZDA	KDC 110128	ZDA	KDC 110588	ZDA
KDC 210209 (91)	ZXA	KDC 950056	YVA	KDC 950098	YVA
KDC 950369	YVA	KDC 950444	YAA	KDS 56153 (92)	ZTR

TOTAL = 9

POOL 8795 CABLE LAYER TRAIN (ASHFORD) - MAINTAINED AT THREE BRIDGES

KDC 200800	ZXA	KDC 950064	YAA	KDC 950093	YAA
KDC 950113	YVA	KDC 950138	YVA		

TOTAL = 5

POOL 8797 CABLE LAYER TRAIN (RIPPLE LANE) - MAINTAINED AT IPSWICH

KDC 210280 (92)	ZXA	KDC 950046 (92)	YVA	KDC 950183 (92)	YVA
KDC 950848 (92)	YVA	KDC 950179 (92)	YVA		

TOTAL = 5

POOLS NOT INCLUDED IN LIST

8047 - WAGONS FOR CONVERSION (SEA URCHIN)

8786 - WAGONS FOR CONVERSION

5352 - WAGONS FOR SALE/STORAGE

9901 - CONDEMNED WAGONS

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