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Issue:	30
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Level 3

Work Instruction

Signalling Maintenance Task Intervals

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Red requirements – *no variations permitted*

- Red requirements are to be complied with and achieved at all times.
- Red requirements are presented in a red box.
- Red requirements are monitored for compliance.
- Non-compliances will be investigated and corrective actions enforced.

Amber requirements – *variations permitted subject to approved risk analysis and mitigation*

- Amber requirements are to be complied with unless an approved variation is in place.
- Amber requirements are presented with an amber sidebar.
- Amber requirements are monitored for compliance.
- Variations can only be approved through the national variations process.
- Non-approved variations will be investigated and corrective actions enforced.

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- Guidance is presented with a dotted green sidebar.
- Guidance is not monitored for compliance.
- Alternative solutions should be documented to demonstrate effective control.

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NOTE 1: *Legislation includes National Technical Specification Notices (NTSNs)*

NOTE 2: *The relationship of this standard/control document with legislation and/or external standards is described in the purpose of this standard.*

NOTE 3: *For more information on PACE see NR/L2/P3M/201.*

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[1] *This can include gross proportionate project costs with the agreement of the Network Rail Assurance Panel (NRAP).*

Issue Record

Issue	Date	Comments
23	June 2022	Updated for June 2022 SMS updates.
24	June 2023	Amended MSTs and withdrawal of TI 180.
25	December 2023	Additional MST frequencies added to support new maintenance schedules. Services moved to FoF as part of Eastern RAG work.
26	June 2024	Service frequencies amended in line with the outputs of the Eastern RAG workstream and removal of redundant services
27	December 2024	Updates include new definitions, restructured guidance, updated maintenance intervals and task priorities, and clarified approval processes for task cancellations. It also adds new services and removes obsolete ones. Appendices have been removed.
28	March 2025	Several standard jobs have been updated to address discrepancies with Ellipse. Guidance on missed maintenance and the necessary minimum risk assessment has been updated.
29	December 2025	June and December 2025 SMS updates. Allowable timeframe for Priority 1 services as Missed Maintenance revised. Task reprioritisation completed following post-implementation review including IC12 & IC18 amended to include network switch testing requirement. Tolerances capped at 91 days where Stat Interval ≥364 days
30	June 2026	Updated for June 2026 SMS updates. Tolerances updated for ER22 PT, ER23 PT and IS11 PT.

Legislation

No legislation has been identified that is applicable to the content of this standard/control document.

Contents

1 Purpose

The purpose of this document is to set the safety and performance intervals applicable for carrying out signalling maintenance tasks and tests.

The intervals shown are intended to maintain the designed safety and reliability, by detecting and correcting deficiencies to signalling equipment before there is deterioration or failure.

2 Scope

This document applies to all staff that plan or perform preventative or corrective maintenance to signalling assets on Network Rail managed infrastructure.

The intervals relate to the maintenance tasks defined in the Signal Maintenance Specifications, or that need to be applied for Reliability-Centred Maintenance.

3 Definitions

Terms and abbreviations used in this document are described in Table 1 and Table 2 respectively.

Term	Definition
Interval	The time between applications of a maintenance task.
Maintenance Task	The individual task which is carried out to achieve the required level of safety and reliability whilst optimising the useful working life of an item of infrastructure.
Maintenance Task Priority	The assurance level that is applicable to a group of services
Maximum Interval between services	The maximum interval between services that Network Rail can currently justify.
Normal Interval between services	The standard interval between services that meets most requirements.
Re-plan (reschedule)	The process of reviewing and adjusting the original maintenance plan to account for tasks that were not completed as scheduled.

Table 1 - Definitions

Abbreviation	Description
PRE[S]	Principal Route Engineer [Signalling] (or equivalent)
S&TME	Signal and Telecoms Maintenance Engineer
SMS	Signal Maintenance Specification
RoSE	Reliability Centred Maintenance of Signalling Equipment
FoF	Fix on Failure - Maintenance can be removed from the asset when any required prerequisites are met, and any additional requirements are in place. Maintenance can still be scheduled against an asset based on condition and engineers' discretion.
DS	Daily Service
RS	Regular Service
RT	Regular Test
RC	Regular Checks
PT	Periodic Tasks
RA	Service A carried out at RoSE frequency
RB	Service B carried out at RoSE frequency
RE	Additional prerequisites detailed in NR/L3/SIG/10665, which allow the associated service to be extended further as detailed by the frequencies below
R1 or R2	RoSE Services to be used where specified in NR/L3/SIG/10665
Stat	Statutory
V1	Visual checks

Table 2 - Abbreviations

4 Signal Maintenance Specification Application

4.1 General Requirements

The intervals currently being applied shall continue until an application to change is made and approved as per the process detailed in Figure 1.

The scheduling of maintenance task intervals shall not exceed the maximum interval documented in clause 8.

Task intervals can be scheduled more frequently, for example to improve performance, reliability, or infrastructure access availability.

4.2 Amendments to Maintenance Intervals

Where the S&TME wishes to amend the interval at which an existing SMS is applied to a specific asset the process shown in Figure 1 shall be followed.

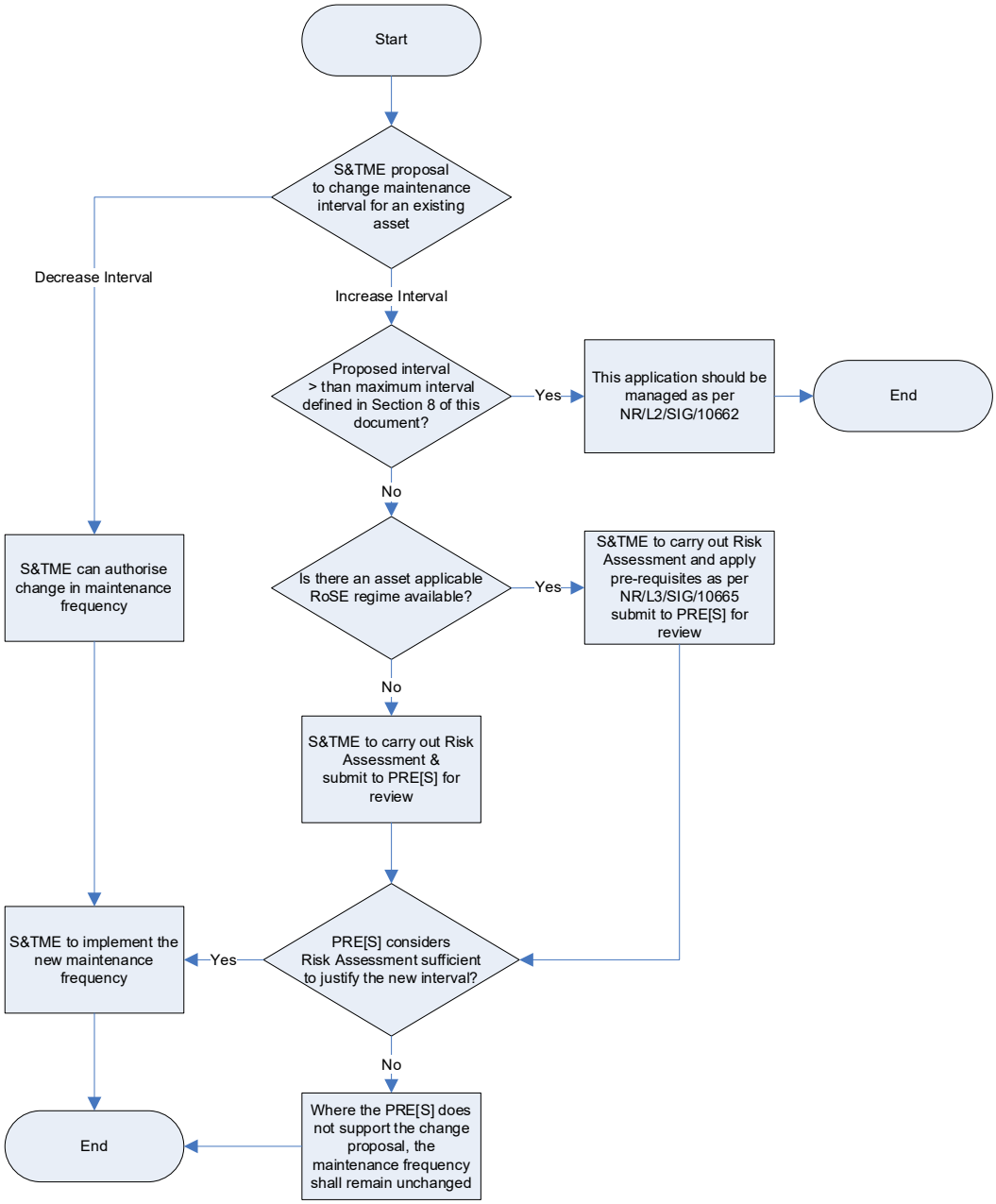

Figure 1 – Interval Amendment Process

4.3 Where no Maintenance Specification Exists

Where equipment exists and there is no Signal Maintenance Specification (SMS), the S&TME shall inform the PRE[S].

Where the equipment is yet to be handed back to maintenance, the equipment shall not be handed over until:

a) an approved maintenance schedule is provided; or

b) it can be demonstrated that maintenance is not required.

4.4 Maintenance Planning Guidance

Maximum service intervals can be extended, including up to 'Fix on Failure' (FoF), allowing maintenance engineers to adjust maintenance intervals locally to optimise resource usage for better signalling system performance.

4.5 Decision-making factors for interval adjustments

Decision-making factors for interval adjustments include:

a) route criticality: consider the Strategic Route Section Criticality Band of the asset, weighing the balance between reducing maintenance activity, minimising staff exposure to risk, and maintaining asset reliability;

b) asset condition: assess whether the asset is in good reliable condition or if a history of failures necessitates more frequent maintenance. Review the most recent SICA inspection report and determine if the asset is already in a renewal plan;

c) consequence of asset failure: evaluate the potential impact of asset failure on train service delivery, considering delay costs and repair accessibility;

d) time to attend to failure: factor in the time required to reach remote locations after a failure, ensuring critical failures receive prompt attention;

e) staffing requirements: assess whether the available fault team, particularly if limited to a two-person team, can effectively handle failures, especially those requiring work at height;

f) failure modes of the asset: determine if failures occur without warning, impacting the effectiveness of planned periodic maintenance;

g) other assets in area: consider the efficiency of maintaining all assets in an area simultaneously, potentially outweighing the benefits of extending intervals for individual assets;

h) track access regime: coordinate maintenance planning with track access availability and other disciplines;

i) Remote Condition Monitoring (RCM): evaluate if assets are fitted with RCM or if they could be, allowing for a remote maintenance methodology;

j) retention of competence: acknowledge that extended service intervals may reduce competence and familiarity levels, requiring off-track training activities to prevent skill fade.

Any proposed change to maintenance intervals up to and including ‘Fix on Failure’ shall be approved by the PRE[S], accompanied by a simple justification provided by the S&TME. This record shall be retained for the lifetime of the asset.

5 Reliability Centred Maintenance of Signalling Equipment (RoSE)

The prerequisites for implementing RoSE are listed within NR/L3/SIG/10665.

6 Scheduled Maintenance

6.1 Maintenance Task Priorities

All cyclic maintenance tasks shall have a defined priority associated, stating its assurance level.

Priority 1 services contain the essential minimum safety checks to be performed.

NOTE 1: *Essential safety checks guard against High-Risk Wrong Side Failure of the signalling system (e.g., a broken stretcher bar or ineffective facing point lock). These also include checks which are mandated for regulatory compliance.*

Priority 2 services:

a) maintain equipment tolerance and mitigate against safety-related failures; or

b) have a proven positive impact on the asset life cycle; or

c) have a proven significant performance benefit.

Priority 3 services contain tasks primarily affecting the reliability of the asset only.

NOTE 2: *The most likely worst-case failure should these tasks not be performed is a loss of service.*

6.2 Early Maintenance

Maintenance shall be permitted to be undertaken ‘early’, provided this is within one week of the scheduled maintenance task.

6.3 Outstanding Maintenance

Any scheduled maintenance not fully completed within 14 days of the scheduled date shall be classed as outstanding maintenance.

6.4 Missed Maintenance

Any maintenance task not fully completed within its specified tolerance from the Planned Start Date shall be classed as missed maintenance.

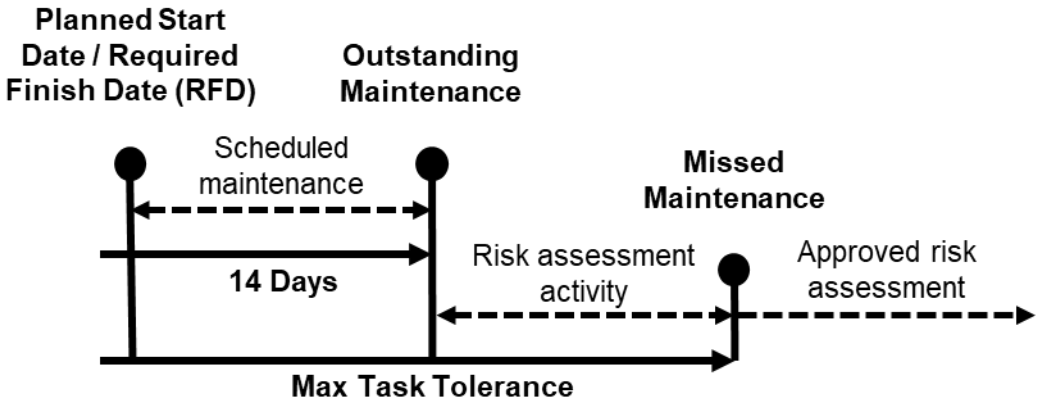

Figure 2 - Typical maintenance task cycle (28-day interval and above)

All missed maintenance shall be risk assessed, which shall be authorised by the S&TME before being allowed to continue in service for an extended period of time, or in the case of certain services, being cancelled.

The S&TME shall keep records of risk assessment.

The PRE[S] shall be informed of all missed maintenance.

Priority 1 missed maintenance shall not exceed its scheduled interval plus the stated tolerance, measured from the Last Performed Date recorded in Ellipse.

Priority 2 missed maintenance shall not exceed its scheduled interval plus twice the stated tolerance, measured from the Last Performed Date recorded in Ellipse.

Figure 3 – Missed maintenance beyond tolerance

6.5 Maintenance Task Risk Assessment

The risk assessment should consider the following factors:

a) maintenance service history of the item;
b) its failure history;
c) any safety hazards that could be introduced by deferring the service;
d) review of any outstanding defects or work arising associated to the asset;
e) any mitigations reasonable to manage any safety implications detailed;
f) confirmation that any mitigation measures have been completed;
g) whether infrastructure monitoring is available to monitor the asset status;
h) the environment conditions that might impact the asset;
i) if the asset is scheduled at its maximum interval.

Typically, the outcome of the risk assessment would be to either re-plan or cancel a maintenance task.

7 Maintenance Task Cancellation

Any outstanding maintenance services which are cancelled shall be reported as shown in Table 3.

Maintenance Task Priority	Approver
Priority 1	Cancellation not permitted
Priority 2	PRE[S] or nominated representative
Priority 3	S&TME

Table 3 – Maintenance Task Cancellation Approver

Priority 1 services shall not be cancelled but re-planned having had any necessary mitigation measures implemented.

At the second consecutive cancellation following risk assessment, a review of the planned maintenance interval shall be undertaken by the S&TME and PRE[S].

NOTE 2: *The expectation is that this isn't required for Priority 3 items scheduled at 27 days or less.*

All cancellations shall have a supporting risk assessment.

Any work orders closed following risk assessment shall be closed using the code – CM (Cancelled - Maintenance Missed)

The Functional Audit Programme shall review the application of all services, including:

a) the decision-making process and record keeping;

b) the review process for approved cancellations.

8 Task Intervals - SMS

These tables define the intervals in days for each SMS task or test.

Services marked with '-' indicates a blank data field within Ellipse or is not required.

Services marked with a 'T' are to be treated with the temporary corresponding priority whilst a value is determined.

8.1 NR/SMS/Part/A

NR/SMS Ref	Service	Stat Interval	Max Interval	Tolerance	Standard Job	Priority
A15 - A	Points on lines completely OOU - No trains passing over them	91	-	28	7201	2
A15 - A	Points on lines completely OOU - Trains passing over them	91	-	28	7201	2
A15 - B	Points on lines completely OOU - Trains passing over them	364	-	91	7202	2

NR/SMS Ref	Service	Stat Interval	Max Interval	Tolerance	Standard Job	Priority
A15 - A	Colour Light Signals which are not visible to drivers	91	-	28	7201	2
A15 - A	Colour Light Signals which are visible to drivers	91	-	28	7201	2
A15 - B	Colour Light Signals which are visible to drivers	364	-	91	7202	2
A15 - A	Semaphore Signals which are not visible to drivers	91	-	28	7201	2
A15 - A	Semaphore Signals which are visible to drivers	91	-	28	7201	2
A15 - B	Semaphore Signals which are visible to drivers	364	-	91	7202	2
A15 - A	Track Circuit Asset OOU	91	-	28	7201	2
A15 - A	Level Crossing Asset OOU	91	-	28	7201	2
A15 - A	Ground Frame Asset OOU	91	-	28	7201	2
A15 - A	Location Case Asset OOU	91	-	28	7201	2

Table 4 – NR/SMS/Part/Part A

NOTE: *OOU denotes asset out of use*

Where A15 services are scheduled on points completely OOU with trains passing over them, the point fittings service shall be retained at its statutory interval.

8.2 NR/SMS/Part/B

NR/SMS Ref	Service	Stat Interval	Max Interval	Tolerance	Standard Job	Priority
001	FPL TEST (MACHINE)	28	91	21	006004	1
002	FPL TEST (MECHANICALLY)	28	91	21	006001	1
003	FPL TEST (CLAMP LOCK)	28	91	21	006000	1
004	FPL TEST (HPSS)	28	91	21	006003	2

NR/SMS Ref	Service	Stat Interval	Max Interval	Tolerance	Standard Job	Priority
005	FPL TEST (T72 WITH VCC LOCK)	28	91	21	006807	1
018	POINTS - TRAIN OPERATED HYDROPNEUMATIC	91	91	21	006922	2
019	DETECTION LOOP TEST	364	364	91	007488	3
023	OTHER SIGNAL TESTS	364	364	91	006447	2
023	SIGNAL FLASHER UNIT TEST	91	364	91	006448	2
024	AWS - TEST's	364	364	91	001288	3
026	TRIPCOCK TESTER MECHANICAL	91	91	21	006982	2
041	TRACK CIRCUIT-NON-STAGGERED IRJ TESTING	91	364	91	006193	2
054	MONITOR/TEST DIVERTED CABLE	28	364	7	001429	1
054	REED FDM CABLE - INSULATION TEST	364	364	91	006858	2
057	UPS - GENERAL	364	364	91	006855	3
057	UPS - TPWS	364	364	91	006856	3
057	UPS - CROMER	364	364	91	006857	3
061	RELAY TIMER TEST - THERMAL	364	364	91	006727	1
061	RELAY TIMER TEST - NON-THERMAL	1820	1820	91	007587	2
083	LC-AOCL+B QUARTERLY	91	91	21	007417	2
089	SSI DATALINK TESTS	364	364	91	006720	2
140	DELPHIN 1024 PMUX TEST - SERVICE A	91	91	21	007489	3
140	DELPHIN 1024 PMUX TEST - SERVICE B	364	364	91	007490	3
160	AFBCL Operational Sequence Test	364	364	91	007984	1

NR/SMS Ref	Service	Stat Interval	Max Interval	Tolerance	Standard Job	Priority
251	DC TRACK CIRCUIT FULL TEST	364	364	91	000866	T2
251	RESIDUAL VOLTAGE TEST	2184	2184	91	007487	2
270	FACING POINT LOCK TEST (UNISTAR HR)	28	91	21	009738	1
306	CISCO SWITCH – REBOOT PROCEDURE	364	728	91		T2

Table 5 – NR/SMS/Part/Part B

NOTE: *Work Arising Tests are not included*

8.3 NR/SMS/Part/C

NR/SMS Ref	Service	Stat Interval	Max Interval	Tolerance	Standard Job	Priority
AP11	A	364	364	91	006087	2
AW11	A	91	364	91	006990	3
AW11	B	364	364	91	006991	3
AW11	RE	FoF	FoF	-	-	3
AW15	B	364	364	91	007178	3
AW15	PT	1820	1820	91	007179	3
AX11	A	91	91	21	006275	3
AX11	B	364	364	91	006636	3
AX12	A	91	364	21	006279	3
AX12	B	364	364	91	006638	3
AX15	A	91	FoF	21	006283	3
AX15	B	364	FoF	91	006284	3
AX15	PT	364	FoF	91	006995	3
AX28	A	91	364	21	007573	3
AX28	B	364	364	91	007574	3
AX29	A	91	364	21	006957	3
AX29	B	364	364	91	006958	3
AX30	B	364	364	91	006881	3
AX31	B	364	364	91	006959	3
AX40	PT1	1	28	7	007885	3
AX40	PT2	364	728	91	007370	3
AX40	PT3	364	FoF	91	007887	T2
AX41	B	364	728	91	007310	3
AX41	PT1	364	FoF	91	007888	3
AX41	PT2	364	FoF	91	007889	3
AX42	C	728	728	91	007302	3
AX51	B	182	182	46	007428	3
AX99	B	364	364	91	007597	3
BA11	B	FoF	FoF	91	006734	3
BA13	DS	1	1	1	007414	3
BA13	RT	91	364	21	007854	T2
BA16	B	364	364	91	007772	3
BA16	PT	1820	1820	91	007773	3
BR11	A	91	91	21	006796	2
BR11	B	364	364	91	006797	2
BR12	A	91	91	21	006796	T2

NR/SMS Ref	Service	Stat Interval	Max Interval	Tolerance	Standard Job	Priority
BR12	B	364	364	91	006797	T2
BR20	B	364	364	91		T2
CA02	A	91	91	21	007742	2
CE03	A	91	91	21	007044	2
CE03	B	364	364	91	007045	2
CS02	DS	1	7	1	007894	3
CS02	RS	28	91	21	007895	3
CS02	A	91	91	21	006351	3
CS02	B	364	364	91	006362	T2
CS03	DS	1	7	1	007896	3
CS03	RS	28	91	21	007897	3
CS03	A	91	91	21	007898	T2
CS03	B	364	364	91	007899	T2
CS04	DS	1	7	1	007900	3
CS04	RS	28	91	21	007901	3
CS04	A	91	91	21	006813	3
CS04	B	364	364	91	006814	3
CS05	WS	7	7	7	007902	3
CS05	RS	28	91	21	007903	3
CS05	A	91	91	21	006895	3
CS05	B	364	364	91	006896	3
CS06	DS	1	7	7	007672	3
CS06	RS	7	91	21	007673	3
CS06	A	91	91	21	007674	3
CS06	B	364	364	91	007675	3
CS06	PT	1456	1456	91	007676	3
CS07	DS	7	7	7	006409	3
CS07	A	91	91	14	006410	T2
CS07	B	364	364	91	006411	T2
DE11	A	91	91	21	006083	2
EL12	B	364	FoF	91	006436	3
EL12	RE	FoF	FoF	-	-	3
EL13	PT	3640	3640	91	007046	2
EL21	PT	91	364	91	007047	2
EL21	A	91	364	91	006335	2
EL21	B	364	728	91	006336	2
EL31	A	91	364	91	006337	T2

NR/SMS Ref	Service	Stat Interval	Max Interval	Tolerance	Standard Job	Priority
EL31	B	364	728	91	006338	T2
EL32	B	364	364	91	031005	T2
EL33	RC1	7	7	0	006490	3
EL33	RC2	28	28	14	006592	3
EL33	A	91	91	21	006593	3
EL33	B	364	364	91	006594	3
EL34%	PT1	364	FoF	91	006030	T2
EL34%	A	364	FoF	91	006026	T2
EL34%	B	364	728	91	007323	T2
EL34%	C	364	1820	91	007324	T2
EL34	D	3640	3640	91	007905	T2
EL37	PT	1092	1092	91	007792	2
ER11	A	91	FoF	21	006413	3
ER11	B	364	FoF	91	006414	3
ER11	PT	1820	FoF	91	006798	3
ER12	A	91	91	21	007598	3
ER12	B	364	364	91	007599	3
ER12	PT	1820	1820	91	007600	3
ER15	A	91	91	21	006755	3
ER15	B	364	364	91	006756	3
ER15	PT	1820	1820	91	006757	3
ER15	RE	364	364	91	-	3
ER16	RC	7	28	14	006907	3
ER16	A	91	91	21	006908	3
ER16	B	364	364	91	006909	3
ER16	PT	1820	1820	91	006910	3
ER16	RE	364	364	91	-	3
ER17	A	91	FoF	21	006777	3
ER17	B	364	FoF	91	006778	3
ER17	PT	3640	FoF	91	006942	3
ER17	RE	364	364	91	-	3
ER21	A	91	91	21	006911	3
ER21	B	364	364	91	006912	3
ER21	PT	1820	1820	91	006913	3
ER21	RE	364	364	91	-	3
ER22	A	91	FoF	21	006914	3
ER22	B	364	FoF	91	006915	3
ER22	PT	1820	FoF	91	006916	3

NR/SMS Ref	Service	Stat Interval	Max Interval	Tolerance	Standard Job	Priority
ER22	RE	364	364	91	-	3
ER23	B	364	FoF	91	007491	3
ER23	PT	1820	FoF	91	007492	3
GF01	A	91	364	91	006472	3
GF01	B	364	364	91	006475	3
IC11	DS	1	1	1	006423	3
IC11	RT	7	42	21	006424	3
IC11	A	91	91	21	006425	3
IC11	B	364	364	91	006426	3
IC11	PT	728	1720	91	006427	3
IC12	DS	1	FoF	1	007420	3
IC12	WS	7	FoF	7	007421	3
IC12	MS	28	FoF	14	007422	3
IC12	A	91	FoF	21	007423	3
IC12	B	364	FoF	91	007424	2
IC12	PT 1	728	728	91	007425	3
IC12	PT 2	1456	1456	91	007602	3
IC12	PT 3	3276	3276	91	007603	3
IC14	DS	1	1	1	006758	3
IC14	RS	7	7	1	006759	3
IC14	A	91	FoF	21	006760	3
IC14	B	364	364	91	006761	3
IC14	PT	728	728	91	006762	3
IC15	DS	1	1	1	006898	3
IC15	A	91	91	21	006899	3
IC15	B	364	364	91	006900	3
IC16	DS	1	FoF	1	007606	3
IC16	RS	7	FoF	7	007607	3
IC16	A	91	FoF	21	007604	3
IC16	B	364	FoF	91	007605	3
IC17	DS	1	1	1	007493	3
IC17	WS	7	7	7	007494	3
IC17	MS	28	28	14	007495	3
IC17	A	91	91	21	007496	3
IC17	B	364	364	91	007497	3
IC18	B	364	364	91	007608	2
IC20	A	91	91	21	007998	3
IC20	B	364	364	91	007999	3

NR/SMS Ref	Service	Stat Interval	Max Interval	Tolerance	Standard Job	Priority
IC51	RS	28	28	14	006901	3
IC51	A	91	91	21	006902	3
IC51	B	364	364	91	006903	3
IC51	PT	728	1820	91	006904	3
IC52	A	91	91	21	007498	3
IC52	B	364	364	91	007499	3
IC53	A	91	91	21	007500	3
IC53	B	364	364	91	007501	3
IC53	PT	1456	1456	91	007906	T2
IC61	A	182	364	21	006905	3
IC61	B	364	364	91	006906	3
IE21	DS	1	1	1	007746	3
IE21	A	91	91	21	007747	3
IE21	B	364	364	91	007748	3
IE22	DS	1	1	1	007749	3
IE22	RS	28	28	14	007750	3
IE22	A	91	91	21	007751	3
IE22	B	364	364	91	007752	3
IE22	PT	1820	1820	91	007753	3
IE23	DS	1	1	1	007754	3
IE23	RS1	7	7	1	007755	3
IE23	RS2	14	14	7	007756	3
IE23	RS3	28	28	14	007757	3
IE23	A	91	91	21	007758	3
IE23	B	364	364	91	007759	3
IE23	PT	364	364	91	007872	T2
IE24	DS	1	1	1	007760	3
IE24	RS1	7	7	1	007761	3
IE24	RS2	14	14	7	007762	3
IE24	A	91	91	21	007764	3
IE24	B	364	364	91	007765	3
IE25	DS	1	1	1	007875	3
IE25	RS	28	28	14	007877	3
IE25	A	91	91	21	007873	T2
IE25	B	364	364	91	007874	T2
IE25	PT	1820	1820	91	007876	T2
IE26	RT	91	91	21	007766	3
IE26	A	91	91	21	007767	3

NR/SMS Ref	Service	Stat Interval	Max Interval	Tolerance	Standard Job	Priority
IE26	B	364	364	91	007878	T2
IE27	RS	7	7	1	007880	3
IE27	A	91	91	21	007879	T2
IE28	RS	28	28	14	007883	3
IE28	A	91	91	21	007881	T2
IE28	B	364	364	91	007882	T2
IE29	DS	1	1	0	006482	3
IE29	B	364	364	91	006483	T2
IE29	PT	1820	1820	91	006484	T2
IF01	DS	1	1	1	007613	3
IF01	RS1	7	7	1	007617	3
IF01	RS2	28	28	14	007618	3
IF01	B	364	364	91	007612	3
IF01	PT1	1820	1820	91	007614	3
IF01	PT2	2548	2548	91	007615	3
IF01	PT3	2912	2912	91	007616	3
IF01	PT4	728	728	91	007048	T2
IF02	B	364	364	91	007619	2
IF03	DS	1	1	1	007621	3
IF03	RS1	7	7	1	007622	3
IF03	B	364	364	91	007620	3
IG01	DS	1	1	1	007626	3
IG01	RT	182	182	46	007624	3
IG02	DS	1	1	1	006015	3
IG02	A	364	364	91	007581	T2
IK01	DS	1	1	1	007590	3
IK01	RT1	28	28	14	007591	3
IK01	A	91	91	21	007907	T2
IK01	B	364	364	91	007592	T2
IS11	DS	1	FoF	1	006432	3
IS11	RS	7	FoF	14	006433	3
IS11	A	91	FoF	21	006342	3
IS11	B	364	FoF	91	006343	3
IS11	PT	1820	1820	91	006933	3
IS12	A	7	FoF	1	006344	3
IS12	B	364	FoF	91	006345	3
IS12	PT	1456	FoF	91	006934	3
IS13	RS	1	FoF	1	007908	3

NR/SMS Ref	Service	Stat Interval	Max Interval	Tolerance	Standard Job	Priority
IS13	A	91	FoF	21	006819	3
IS13	B	364	FoF	91	006820	3
IS13	PT1	728	728	91	007584	3
IS13	PT2	3640	3640	91	007585	3
IS13	PT3	5096	5096	91	007586	3
IS14	DS	1	FoF	1	006983	3
IS14	RS	28	FoF	7	006984	3
IS14	A	91	FoF	21	006985	3
IS14	B	364	FoF	91	006986	3
IS15	A	91	FoF	21	006649	3
IS15	B	364	FoF	91	006650	3
IS20	DS	1	1	1	006887	3
IS20	A	91	91	21	006888	3
IS20	B	364	364	91	006889	3
IS30	A	91	91	21	006646	3
IS30	B	364	364	91	006647	3
IS35	A	91	91	21	006882	3
IS35	B	364	364	91	006883	3
JA10	A	91	FoF	21	007628	3
JA10	B	364	FoF	91	007629	3
LC09	B	364	364	91	007314	2
LC09	RT	7	FoF	91	007313	3
LC10	A	91	91	21	See Table 7	2
LC10	B	364	364	91	Undertake NR/SMS/Part /D – See Table 8	-
LC11	A	91	91	21	006308	2
LC11	B	364	364	91	006329	2
LC14	A	91	364	21	006313	2
LC14	B	364	364	91	007853	2
LC15	A	91	91	21	006311	2
LC15	B	364	364	91	006332	2
LC15	R1	364	364	91	007298	2
LC16@	A	91	364	21	006101	T2
LC17@	A	91	FoF	21	006310	2
LC17	B	364	FoF	91	006331	2

NR/SMS Ref	Service	Stat Interval	Max Interval	Tolerance	Standard Job	Priority
LC20	R1	28	28	14	007275	2
LC20	R2	91	91	21	007274	2
LC20	R3	182	182	46	007266	2
LC20	R4	364	364	91	007267	2
LC21	A	91	91	21	006303	2
LC21	B	364	364	91	006324	2
LC22	B	364	364	91	007631	2
LC23	A	91	91	21	006301	2
LC23	B	364	364	91	006322	2
LC24	A	91	91	21	006304	2
LC24	B	364	364	91	006325	2
LC26	A	91	91	21	006306	2
LC26	B	364	364	91	006327	2
LC27	A	91	91	21	006300	2
LC29	A	91	91	21	006307	2
LC29	B	364	364	91	006328	2
LC30	A	91	FoF	21	007315	3
LC30	B	364	364	91	007316	T2
LC31	A	91	91	21	006302	2
LC31	B	364	364	91	006323	2
LC32	B	364	364	91	007798	2
LC32	PT	1820	1820	91	007799	2
LC50	A	91	91	21	007429	2
LC50	B	364	364	91	007430	2
LC70	B	364	364	91	007025	T2
LC71	B	364	364	91	007738	2
LC72	B	364	364	91	007722	2
LC73	B	364	364	91	031066	T2
LC81	A	91	91	21	006586	3
LC81	B	364	364	91	006779	2
LC84	A	91	91	21	007735	2
LC85	A	91	91	21	006788	3
LC86	A	91	FoF	21	007182	3
LC86	B	364	364	91	007183	3
LC87	A	91	91	21		T2
LC87	B	364	364	91		T2
LC87	PT1	728	728	91		T2

NR/SMS Ref	Service	Stat Interval	Max Interval	Tolerance	Standard Job	Priority
LV11	A	91	364	91	006457	3
LV12	A	91	364	91	006460	3
LV13	A	91	364	91	006461	3
LV14	A	91	364	91	006462	3
LV15	A	91	364	91	006463	3
LV16	A	91	364	91	006464	3
LV17	A	91	364	91	006465	2
LV21	A	91	364	42	006466	2
LV21	B	364	364	91	006799	2
LV31 LV31$	A A	91 91	91 364	21 21	006064	2
LV41	A	91	91	21	006470	2
LV41	B	364	364	91	006803	3
LV51	A	91	FoF	21	006347	3
LV51	B	364	364	91	006349	3
LV52	A	91	FoF	21	006754	3
LV53	A	91	91	21	006832	3
LV53	B	364	364	91	006833	3
LV61	A	91	364	91	006527	T2
LV61	B	364	364	91	006528	T2
LV99	PT1	As Required	728	91	006589	T2
LV99	PT2	As Required	As Required	91	003095	T2
LV99	PT3	As Required	As Required	91	003164	T2
LV99	PT4	As Required	As Required	91	006339	T2
LV99	PT5	As Required	As Required	91	006340	T2
MP01	DT	1	7	1	007909	3
MP01	RS	28	91	21	007910	3
MP01	A	91	91	21	006357	3
MP01	B	364	364	91	006368	T2
MP02	DT	1	7	1	007911	3
MP02	RS	28	91	21	007912	3
MP02	A	91	91	21	006358	3
MP02	B	364	364	91	006369	T2
MP03	DT	1	7	1	007913	3
MP03	RS	28	91	21	007914	3

NR/SMS Ref	Service	Stat Interval	Max Interval	Tolerance	Standard Job	Priority
MP03	A	91	91	21	006359	3
MP03	B	364	364	91	006370	T2
MP04	DT	1	7	1	007915	3
MP04	RS	28	91	21	007916	3
MP04	A	91	91	21	006940	3
MP04	B	364	364	91	006941	T2
MP05	DT	1	7	1	007917	3
MP05	RS	28	91	21	007918	3
MP05	A	91	91	21	007919	T2
MP05	B	364	364	91	007920	T2
OD01	B	364	364	91	007317	T2
OD01	C	1820	1820	91	007921	2
OD02	B	364	364	91	007319	T2
PA01	RT	-	-	-	See FPL Test	1
PA01	A	91	91	21	6372 / 6373	1
PA21	A	91	91	21	006875	1
PA21	B	364	364	91	006876	T2
PB11	RT	-	-	-	See FPL Test	1
PB11	A	91	91	21	006374	1
PB11	B	364	364	91	006396	2
PB11	V1	91	91	21	007358	2
PB11	R1	182	182	46	007351	1
PB11	R2	364	364	91	007355	2
PB11	PT1	364	FoF	91	006605	3
PB15	A	91	91	21	006834	3
PB15	B	364	FoF	91	006835	3
PB16	RT	-	-	-	See FPL Test	1
PB16	A	91	91	21	006569	1
PB16	B	364	364	91	006571	2
PB17	RT	91	91	21	007208	1
PB17	A	91	91	21	006568	1
PB17	B	364	364	91	007207	1
PB18	A	91	91	21	007426	2
PB18	B	364	364	91	007427	2
PB19	B	364	364	0		T2
PB21	A	91	91	21	006376	1
PB21	B	364	364	91	006016	T2

NR/SMS Ref	Service	Stat Interval	Max Interval	Tolerance	Standard Job	Priority
PC05	RT	-	-	-	See FPL Test	1
PC05	A	91	91	21	006377	2
PC05	B	364	364	91	006017	2
PC05	V1	91	91	21	007360	2
PC05	R1	182	182	46	007353	2
PC05	R2	364	364	91	007356	T2
PC22	RT	-	-	-	See FPL Test	1
PC22	A	91	91	21	006391	1
PC22	B	364	364	91	006029	T2
PC31	RT	-	-	-	See FPL Test	1
PC31	A	91	91	21	006380	1
PC31	B	364	364	91	006020	T2
PC33	RT	-	-	-	See FPL Test	1
PC33	A	91	91	21	006381	1
PC33	B	364	364	91	006021	T2
PC41	RT	-	-	-	See FPL Test	1
PC41	A	91	91	21	006382	1
PC41	B	364	364	91	006022	2
PC41	V1	91	91	21	007361	1
PC41	R1	182	182	46	007354	1
PC41	R2	364	364	91	007357	T2
PC42	RT	-	-	-	See FPL Test	1
PC42	A	91	91	21	006383	1
PC42	B	364	364	91	006023	2
PC49	A	91	91	21	006733	T2
PC51	RT	-	-	-	See FPL Test	2
PC51	B	364	364	91	006028	T2
PC61	A	91	91	21	006608	T2
PC81	RT	-	-	-	See FPL Test	1
PC81	B	364	364	91	009739	1
PC91	RT	-	-	-	See FPL Test	1
PC91	A	91	91	21	006388	1
PC91	B	364	364	91	006027	1
PC92	A	91	91	21	006389	1
PC92	B	364	364	91	006032	T2
PC95	RT	-	-	-	See FPL Test	1
PC95	A	91	91	21	006386	1

NR/SMS Ref	Service	Stat Interval	Max Interval	Tolerance	Standard Job	Priority
PC95	B	364	364	91	006025	2
PD01	A	91	364	21	006033	2
PD01	B	364	364	91	006034	1
PD02	A	91	364	21	006035	2
PD02	B	364	364	91	006036	2
PD03	A	91	91	21	006037	2
PF01	A	91	182	21	006849	1
PF02	A	91	91	21	006393	3
PF03	A	91	364	21	006395	2
PF04	A	91	91	21	006873	2
PF04	B	364	FoF	91	006874	2
PF05	A	91	182	21	007486	2
PF07	B	364	364	91	006375	T2
PF08	A	364	364	91	031056	T2
RC01	DS	1	7	1	007923	3
RC01	RS	7	91	21	007924	3
RC01	A	91	91	21	006670	3
RC01	B	364	364	91	006673	T2
RC02	DS	1	7	1	007925	3
RC02	RS	7	91	21	007926	3
RC02	A	91	91	21	006671	3
RC02	B	364	364	91	006674	T2
RC03	DS	1	7	1	007927	3
RC03	RS	7	91	21	007928	3
RC03	A	91	91	21	006669	T2
RC03	B	364	364	91	007929	T2
RC04	DS	1	7	1	007930	3
RC04	RS	7	91	21	007931	3
RC04	A	91	91	21	006935	T2
RC04	B	364	364	91	007932	T2
RC05	DS	1	7	1	007933	3
RC05	RS	7	91	21	007934	3
RC05	A	91	91	21	007935	3
RC05	B	364	364	91	007177	T2
RC07	DS	1	7	1	007936	3
RC07	RS	7	91	21	007937	3
RC07	A	91	91	21	007938	3

NR/SMS Ref	Service	Stat Interval	Max Interval	Tolerance	Standard Job	Priority
RC07	B	364	364	91	006937	T2
RC08	DS	1	7	1	007939	3
RC08	RS	7	91	21	007940	3
RC08	A	91	91	21	007941	3
RC08	B	364	364	91	006363	T2
RC09	DS	1	FoF	1	007942	3
RC09	RS	7	FoF	21	007943	3
RC09	A	91	FoF	21	007944	3
RC09@	B	364	FoF	91	006364	3
RC10	DS	1	7	1	007945	3
RC10	RS	7	91	21	007946	3
RC10	A	91	91	21	007947	3
RC10	B	364	364	91	006683	T2
RC11	DS	1	FoF	1	007948	3
RC11	RS	7	FoF	21	007949	3
RC11	A	91	FoF	21	007950	3
RC11@	B	364	FoF	91	006365	3
RC12	DS	1	7	1	007951	3
RC12	RS	7	91	21	007952	3
RC12	A	91	91	21	007953	3
RC12	B	364	364	91	006366	T2
RC13	DS	1	7	1	007954	3
RC13	RS	7	91	21	007955	3
RC13	A	91	91	21	007956	3
RC13	B	364	364	91	006367	T2
RC14	DS	1	7	1	007957	3
RC14	RS	7	91	21	007958	3
RC14	A	91	91	21	007959	T2
RC14	B	364	364	91	007960	T2
RC15	DS	1	7	0		3
RC15	RS	7	91	0		3
RC15	A	91	91	0		T2
RC15	B	364	364	0		T2
RC16	DS	1	FoF	1	007961	3
RC16	RS	7	FoF	21	007962	3
RC16	A	91	FoF	21	007963	3
RC16@	B	364	FoF	91	007175	3
RC16	PT	1456	FoF	91	007408	3

NR/SMS Ref	Service	Stat Interval	Max Interval	Tolerance	Standard Job	Priority
RE01	B	364	364	91	007985	3
RE01	PT	1456	1456	91	007986	3
RE02	B	364	364	91	007987	3
RE02	PT	1456	1456	91	007988	T2
RE20	B	364	364	91	007851	T2
RE20	PT	1456	1456	91	007964	T2
SB11	RC	7	FoF	21	006680	3
SB11	A	91	91	21	006292	3
SB11	B	364	FoF	91	006919	3
SB12	RC	7	FoF	14	006987	3
SB12	A	91	364	91	006428	3
SB12	B	364	1092	91	006429	3
SB21	DS	1	1	1	006806	3
SB21	RC	28	28	14	006804	3
SB21	A	91	91	21	007199	3
SB21	B	364	364	91	007200	2
SG01	B	364	FoF	91	007049	3
SG02	B	91	1456	91	007544	2
SG03	B	364	364	91	006685	1
SG05	B	364	364	91	007546	3
SG05	R1	364	364	91	007400	2
SG07	A	91	91	21	007576	2
SG07	B	364	364	91	007577	2
SG07	PT	5096	9828	91	007575	T2
SG07	RE	FoF	FoF	-	-	3
SG08	R1	364	FoF	91	007285	2
SG09	A	91	91	21	007341	2
SG09	B	364	364	91	007342	2
SG09	C	1820	1820	91	007343	T2
SG09	RE	FoF	FoF	-	-	3
SG10	A	91	364	91	006678	2
SG10	B	364	364	91	006679	2
SG10	PT	5096	9828	91	007184	2
SG10	R1	1456	1456	91	007547	2
SG11	A	91	91	21	007542	2
SG11	B	364	364	91	007548	2
SG11	PT1	3640	3640	91	007566	2
SG11	R1	364	728	91	007282	2

NR/SMS Ref	Service	Stat Interval	Max Interval	Tolerance	Standard Job	Priority
SG11	R2	364	728	91	007283	2
SG12	A	91	182	42	006066	2
SG12	B	364	364	91	006072	2
SG12	PT1	2548	2548	91	007189	2
SG12	PT2	3640	3640	91	007190	2
SG13	A	91	364	21	006053	2
SG13	B	364	364	91	006055	2
SG14	A	91	728	21	007549	2
SG14	B	364	728	91	007550	2
SG14	PT	2912	2912	91	007185	2
SG14	R2	1456	1456	91	007551	3
SG15	A	91	91	21	006108	3
SG15	B	364	364	91	007553	3
SG15	PT1	3640	3640	91	007568	3
SG15	PT2	3640	3640	91	007569	3
SG15	R1	1456	1456	91	007554	3
SG15	R2	364	728	91	007555	3
SG15	R3	364	728	91	007556	T2
SG15	RE	FoF	FoF	-	-	3
SG16	A	91	91	21	007557	3
SG16	B	364	364	91	007572	3
SG16	R1	364	728	91	007558	3
SG17	A	91	91	21	007632	3
SG17	R1	364	1456	91	007634	3
SG17	PT	2912	2912	91	007633	3
SG18	A	91	728	21	007559	3
SG18	B	364	728	91	007560	3
SG18	PT	2912	2912	91	007561	2
SG19	A	91	91	21	006054	2
SG19	B	364	364	91	006056	2
SG19	PT1	3640	3640	91	007570	2
SG19	R1	364	728	91	007635	2
SG19	R2	364	728	91	007636	2
SG20	A	91	364	21	006073/006291/006877	T2
SG20	RA	364	FoF	91	As Above	T2
SG21	PT	91	9828	21	003181	2
SG22	A	91	91	21	006964	2

NR/SMS Ref	Service	Stat Interval	Max Interval	Tolerance	Standard Job	Priority
SG22	B	364	364	91	006965	2
SG22	PT	2912	2912	91	006966	2
SG22	R1	1456	1456	91	007562	T2
SG90	A	91	91	21	007295	T2
SG90	B	364	364	91	007294	2
SG95	A	91	91	21	006060	2
SG95	B	364	364	91	006067	2
SG96	A	91	91	21	006061	2
SG96	B	364	364	91	006068	3
SW01	A	91	FoF	21	006289	3
SW01	B	364	FoF	91	007221	3
SW01	RE	364	FoF	91	031054	3
SW02	A	91	FoF	91	006288	3
SW02	RA	364	364	91	006860	3
SW03	A	91	91	21	006860	3
SW03	B	364	364	91	006861	2
SW04	-	728	728	91		T2
SW20	A	91	91	21	006841	2
SW20	B	364	364	91	006842	2
TC02	A	91	364	21	007169	2
TC02	B	364	364	91	007170	2
TC03	A	91	182	46	007534	2
TC03	B	364	364	91	007535	T2
TC03	PT1	364	2184	91	007611	T2
TC03	PT2	364	2184	91	003103	T2
TC03	RA	182	728	46	007776	2
TC03	RB	364	728	91	006489	T2
TC04	A	91	728	91	007536	2
TC04	B	364	728	91	007537	T2
TC04	PT1	364	2184	91	007965	T2
TC04	PT2	364	2184	91	007610	2
TC05	A	91	364	21	007538	2
TC05	B	364	364	91	007539	2
TC06	A	91	364	91	006183	2
TC06	B	364	364	91	006194	T2
TC06	RA	182	182	91	006183	2
TC06	RB	364	364	91	006194	2

NR/SMS Ref	Service	Stat Interval	Max Interval	Tolerance	Standard Job	Priority
TC06	RE	364	364	91	007368	2
TC08	A	91	364	91	006190	2
TC08	B	364	364	91	006201	2
TC08	R1	182	728	46	007292	2
TC08	R2	364	728	91	007293	2
TC09	A	91	364	91	006192	2
TC09	B	364	364	91	006204	2
TC09	R1	364	364	91	007297	2
TC10	A	91	364	91	007167	2
TC10	B	364	364	91	007168	T2
TC12	A	91	364	91	006185	2
TC12	B	364	364	91	006196	2
TC12	RE	364	728	91	007369	2
TC14	A	91	364	91	006184	2
TC14	B	364	364	91	006195	T2
TC14	RA	364	364	91	006184	2
TC15	A	91	728	91	006189	2
TC15	B	364	FoF	91	006200	2
TC16	A	91	364	91	007165	2
TC16	B	364	364	91	007166	T2
TC16	C	364	364	91	007884	2
TC17	A	91	364	91	007504	2
TC17	B	364	364	91	007505	T2
TC17	C	364	364	91	031052	2
TC30	A	91	364	91	006570	2
TC30	B	91	364	91	007800	3
TC91	A	91	728	21	006209	3
TC91	B	364	728	91	006212	2
TC91	PT	364	728	91	007210	T2
TC91	R1	364	364	21	006209	3
TD11	A	91	91	21	006538	3
TD11	B	364	364	91	006551	3
TD21	DS	1	1	1	006749	3
TD21	A	91	182	45	006750	3
TD21	B	364	364	91	006753	3
TD31	A	91	182	21	006544	3
TD31	B	364	364	91	006558	3
TD31	R1	364	364	91	007300	3

NR/SMS Ref	Service	Stat Interval	Max Interval	Tolerance	Standard Job	Priority
TD32	A	91	182	21	006545	3
TD32	B	364	364	91	006559	T2
TD33	A	91	91	0		T2
TD33	B	364	364	0		3
TD35	A	91	FoF	45	006768	3
TD35	B	364	FoF	91	006771	3
TD36	A	91	91	21	006561	3
TD36	B	364	364	91	006548	3
TD37	A	91	91	21	006769	3
TD37	B	364	364	91	006772	3
TD38	A	91	91	21	007508	3
TD38	B	364	364	91	007509	3
TD38	PT	546	546	91	007510	3
TD40	DS	1	1	1	006770	3
TD40	RS	28	28	14	006747	3
TD40	A	91	91	21	006748	3
TD40	B	364	364	91	006751	3
TD40	PT	1820	1820	91	006752	3
TD42	A	91	91	21	006884	3
TD42	B	364	364	91	006885	3
TD42	PT	1095	1820	-	006886	3
TP11	A	91	364	91	006090	3
TP11	B	364	364	91	006096	T2
TP11	PT	1820	1820	91		3
TP11	RA	364	364	91	-	T2
TP22	A	91	182	21	006714	3
TP22	B	364	364	91	006713	3
TP23	A	91	182	45	006715	2
TQ01	A	91	91	21	006213	2
TQ01	B	364	364	91	006216	2
TQ11	A	91	91	21	006215	2
TQ11	B	364	364	91	006218	2
TQ12	A	91	91	21	006692	2
TQ12	B	364	364	91	006693	2
TQ13	B	364	364	91	007173	2
TQ14	B	364	364	91	007171	2
TS01	A	91	FoF	21	006285	2

NR/SMS Ref	Service	Stat Interval	Max Interval	Tolerance	Standard Job	Priority
TS01	B	364	364	91	006286	2
TS02	A	91	91	21	006791	2
TS03	A	91	91	21	006792	2
TS03	B	364	364	91	006793	2
TS04	A	91	364	21	006412	T2
TS20	RC	7	FoF	7	006740	3
TS20	A	28	FoF	14	006741	2
TS20	B	364	FoF	91	006742	2
TS21	A	91	91	21	007638	2
TS21	PT	3640	3640	91	007639	2
TS22	B	364	364	91	007640	2
TS23	A	91	91	21	007708	2
TS23	B	364	364	91	007709	3
TV01	A	91	91	21	006845	3
TV01	B	364	364	91	006846	3
TV02	A	91	FoF	21	006843	3
TV02	B	364	364	91	006844	3
TV03	A	91	FoF	21	007187	3
TV03	B	364	364	91	007188	3
TW01	A	91	FoF	21	006790	3
TW02	A	91	91	0		T2
TW03	A	364	364	91	006014	T2
VS30	RT	28	28	0		3
VS30	B	364	364	21		T2

Table 6 – NR/SMS/Part/Part C

NOTE 1: *Service marked with a '#' indicates that the maximum interval is weekly at an unmanned site.*

NOTE 2: *Services marked with a '@'*

The interval of NR/SMS/LC16 – A, can be extended annually if the headlights or DCI (Drivers Crossing Indicator) are LED.

The interval of NR/SMS/LC17 – A, can be extended annually if the barrow light is an LED.

The interval of RC09 – B, RC11-B and RC16-B shall only have their maximum frequency changed where there is no BR ERSE (Electronic Route Setting Equipment) present.

NOTE 3: *- Services marked with a '$'*

The interval of NR/SMS/LV31 – A - can be extended annually if the controller is an ultra.

NOTE 4: *Services marked with a '%' – Refer to Figure 4.*

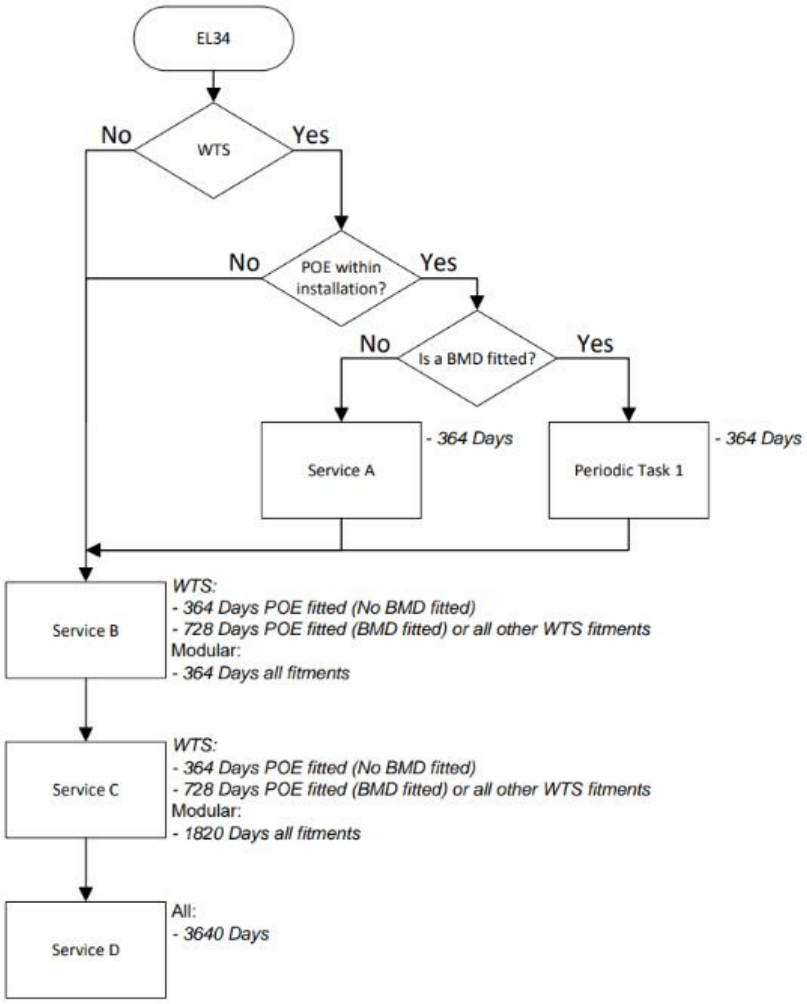

Figure 4 - Application Process for EL34 Maintenance Tasks

NR/SMS Ref	Service	Standard Job
LC10	A - LC AHBC - MTCE SEQUENCE TEST	006294
LC10	A - LC AOCL - MTCE SEQUENCE TEST	006295
LC10	A - LC AOCR - MTCE SEQUENCE TEST	006296
LC10	A - LC ABCL - MTCE SEQUENCE TEST	006297
LC10	A - LC MCB - MTCE SEQUENCE TEST	006298
LC10	A - LC OCB MTCE SEQUENCE TEST	006299
LC10	A - LC BARROW XING - MTCE SEQUENCE TEST	006743
LC10	A - LC GATES - MTCE SEQUENCE TEST	006745
LC10	A - LC MSL - MTCE SEQUENCE TEST	006746
LC10	A - LC AHBC (PREDICTOR)-MTCE SEQUENCE TEST	006831

Table 7 – LC10 Service A

8.4 NR/SMS/Part/D

NR/SMS Ref	Stat Interval	Max Interval	Tolerance	Standard Job	Priority
LX70/1	364	364	91	7265	1
LX70	364	364	91	6315	1
LX71	364	364	91	6318	1
LX72	364	364	91	6316	1
LX73	364	364	91	6317	1
LX74	364	364	91	6763	1
LX75	364	364	91	6319	2
LX76	364	364	91	6320	2
LX77	364	364	91	7026	2
LX78	364	364	91	7740	2
LX79	364	364	91		1
LX80	364	364	91	6830	1
LX81	364	364	91	7276	1
LX83	364	364	91	7418	1
LX94	364	364	91	7299	1

Table 8 – NR/SMS/Part/Part D

8.5 NR/SMS/Part/E

NR/SMS Ref	Service	Stat Interval	Max Interval	Tolerance	Standard Job	Priority
BA12	B	364	364	91	6988	T2
BA12	RE	FoF	FoF	-	-	-
HO11	A	91	91	21	6694	3
HO11	B	364	364	91	6695	3
HO12	A	91	91	21	6864	3
HO12	B	364	364	91	6865	3
HO12	PT	1092	1092	91	7601	T2
HO13	B	364	364	91	7710	T2
HO14	B	364	364	91	7711	T2

Table 9 – NR/SMS/Part/Part E

8.6 NR/SMS/Part/T

NR/SMS Ref	Service	Stat Interval	Maximum Interval	Tolerance	Standard Job	Priority
CA11	A	364	364	91	-	T2
IR11	RT	28	28	21	006419	T2
IR11	A	91	91	21	006420	T2
IR12	A	91	91	21	006421	T2
IR12	B	364	364	46	006422	T2
TE01	For intervals - See Table 11					T2
TE02	A	1820	1820	91	020001	T2
TE02	B	1820	1820	91	020002	T2
TE02	C	364	364	91	020003	T2

Table 10 - NR/SMS/Part T

Intervals of Maintenance				
Telephone Type	**Applicable Appendices**	**Service**	**Interval**	**Standard Job**
Crossing telephones	B C D E	A	364	020273 020275 020277 020279
Emergency telephones (inc telephones in HV electrical equipment rooms etc)	B C D E	A	364	020273 020275 020277 020279
PETS telephones	F	A	364	020281
KETS telephones	F	A	364	020281
Signal Box telephones (Magneto only)	C	A	364	020275
Signal Box/Control telephones		No maintenance required		
Equipment Room telephones		No maintenance required		
Lineside telephones associated with signalling equipment	B C D E	A	Same interval of maintenance as associated signalling equipment (minimum of 4 yearly)	020273 020275 020277 020279
All other lineside telephones	B C	A	364	020273 020275

	D E			020277 020279

Table 11 – TE01 Intervals

NOTE: *TE01 services are to be risk assessed as temporary priority 2 tasks.*

9 Task Intervals – Other

These tables define the frequency intervals in days for each scheduled maintenance task in addition to the SMS.

9.1 NR/L2/SIG/11655 – Management of Cable and Wire Insulation

Category	Condition	Sample Size	Stat Interval	Max Interval	Tolerance	Standard Job	Priority
During the first 15 years following installation	-------	0%	-------	-------	-------	-------	-------
1	Normal	5%	728	728	182	006660	3
2	Fair	25%	728	728	182	006661	3
3	Poor	50%	364	364	91	006662	2
4	Severe	100%	182	182	42	006663	2

Table 12 – NR/L2/SIG/11655

9.2 NR/L2/SIG/11107 – Silver Migration

Sample Size	Service	Stat Interval	Max Interval	Tolerance	Standard Job	Priority
5%	SILVER MIGRATION CHECK-P STYLE BASES [C]	364	364	91	006666	2
1%	SILVER MIGRATION CHECK	364	364	91	006732	2
100%	SILVER MIGRATION - BLACK BASES	364	364	91	006961	2

Table 13 - NR/L2/SIG/11107

Standard and control document briefing note

Ref: NR/L3/SIG/10661	**Issue:** 30
Title: Signalling Maintenance Task Intervals	
Publication date: 06 June 2026	**Compliance Date:** 05 September 2026
Standard/Control Document Owner: Network Technical Head Signalling	
Standard change lead/contact for briefings: Richard Atkinson	**Tel:** 07515 626949

Purpose:

The purpose of this document is to set the safety and performance intervals applicable for carrying out signalling maintenance tasks and tests.

The intervals shown are intended to maintain the designed safety and reliability, by detecting and correcting deficiencies to signalling equipment before there is deterioration or failure.

Scope:

This document applies to all staff that perform preventative or corrective maintenance to signalling assets on Network Rail managed infrastructure.

The intervals relate to the maintenance tasks defined in the Signal Maintenance Specifications, or that need to be applied for Reliability-Centred Maintenance.

What's new, what's changed and why:

The standard has been updated to reflect June 2026 SMS updates.

Module(s)/Section(s)/clause(s)	Summary of changes
Section 8	The following SMS part has been amended. **8.3 – NR/SMS/Part/C (Maintenance Tasks),** EL33 RC1 – Updated Standard Job number. ER22 PT – Updated tolerance. ER23 PT – Updated tolerance. IS11 PT – Updated tolerance. LC73 B – Standard Job number added. LV99 – Removed. LV99 PT1 – New service added. LV99 PT2 – New service added. LV99 PT3 – New service added. LV99 PT4 – New service added. LV99 PT5 – New service added. RC16 PT – New service added.

Affected documents

Reference	Issue	Impact	Document type
NR/L3/SIG/10661	29	Superseded	Standard

Briefing requirements:

Briefings are given to those who have specific responsibilities within, or are directly affected by, this standard/control document.
A copy of briefings may be available from the Standards & Controls site.
Requirements to cascade briefings are described within any implementation plans.

Briefing *(O-Overview/ D-Detailed)*	Post	Function	Responsible for cascade briefing? Y/N
D	Chief Control, Comm & Signalling Engineer	Technical Authority	Y
D	Network Technical Head Switches & Crossings	Technical Authority	Y
D	Regional Engineer [Signalling & Telecoms]	Regions (Eastern)	Y
D	Regional Asset Manager [Signalling]	Regions (Scotland)	Y
D	Regional Engineer [Signalling & Telecoms]	Regions (NW & C)	Y
D	Regional Engineer [CCS]	Regions (Western & Wales)	Y
D	Regional Engineer [Signalling & Telecoms]	Regions (Southern)	Y
O	CCS Engineer	Technical Authority	N
O	S&C Engineer	Technical Authority	N

D	Route Engineer (Signalling)	Regions	Y
D	Asset Engineer	Regions	N
O	SINCS Engineer	Regions	N
D	Signal & Telecoms Maintenance Engineer	Regions (Maintenance)	Y
D	Section Manager (Signals)	Regions (Maintenance)	Y
D	Signalling Technical Support Staff	Regions (Maintenance)	N
D	Works Delivery Manager (Signals)	Regions (Works Delivery)	Y
O	Works Delivery Supervisor (Signals)	Regions (Works Delivery)	N
D	Project Engineer	Regions (Works Delivery)	N

NOTE: *Contractors are responsible for arranging and undertaking their own Detailed and Overview Briefings in accordance with their own processes and procedures.*