

From: Paul Hardie [REDACTED]@tube.tfl.gov.uk>

Sent: 21 July 2023 14:17

To: [REDACTED]@tfl.gov.uk>; [REDACTED]@tube.tfl.gov.uk>; Anthony O'Donnell

[REDACTED]@tube.tfl.gov.uk>

Cc: +Northern Line Tier One Reps [REDACTED]@tfl.gov.uk>

Subject: RE: TSRs across the Northern Line

Hi [REDACTED]

Its on under number 1320 on the list as below

Northern Line Current TSR Impacts													Last Updated	17/07/2023
<i>Timings are all per train from door closed to door open – all were carried out using the simulator to give comparable data</i>														
TSR No	Ref	Date Implemented	Reason	Direction	From Station	From Track	To Station	To Track	Length of TSR (m)	Line Speed kph	Run Time (secs)	TSR Speed kph	Run Time (secs)	Secs Time Difference
1280		11/02/2021	Pumps & Drainage	SB	WLO	20752	KNG	20761	300	56	141	32	153	12
1281		21/02/2021	PV Noise	SB	SWM	10519	MDN	10530	294	56	137	45	143	6
1282		25/02/2021	PV Noise	SB	CTN 4	60520	EUY	60541	522	60	151	56	153	2
1290		29/06/2021	TBTC	NB	BTK	80213	EDG2	80217	100	30	123	16	135	12
						80432	EDG 3	80436	100	24	136	16	142	6
1302		27/02/2021	TBTC	SB	CHF	60568	CTN 2	60569	50	56	77	16	108	31
1320		20/05/2022	Vibration	NB	ARC	60343	HGA	60345	50	40	127	32	131	4
1321		08/06/2022	Noise	NB	FYC	40191	WFY	40203	350	50	112	32	129	17
1322		01/06/2022	Vibration	NB	BNK	20207	MGT	20209	75	40	97	30	102	5
1323		01/06/2022	Vibration	SB	CLN	10837	CLC	10840	75	35	69	25	77	8

1331	29/06/2022	PV Noise	NB	CTN 3	60241	KSH	60249	475	56	93	48	97	4
1332	29/06/2022	PV Noise	NB	KSH	60285	TFP	60290	150	56	71	48	75	4
1333	29/06/2022	PV Noise	SB	KSH	60659	CTN 4	60641	475	54	102	45	112	10
1363	07/07/2023	Vibration	NB	CHX	30033	LSQ	30039	275	35	63	24	84	21
TOTAL IMPACT TO LINE (secs)													153

Have a good weekend all 😊

Regards,

Paul



The Northern Line Altogether stronger

Paul Hardie

Service Manager Northern Line

Operational SME for Northern Line Projects & Upgrades

/// gravel.theme.boxer (on foot)

/// clown.lows.press (by vehicle)

Northern Line Upgrades – Operations

[\[redacted\]@tube.tfl.gov.uk](mailto:[redacted]@tube.tfl.gov.uk)

My pronouns are: he / him / his

I respect your privacy and work/life balance. If this email has been sent to you outside of your working hours there is no expectation that you read or respond to it immediately

From: [REDACTED] <[REDACTED]@tfl.gov.uk>

Sent: 19 July 2023 12:25

To: Paul Hardie <[REDACTED]@tube.tfl.gov.uk>; [REDACTED] <[REDACTED]@tube.tfl.gov.uk>; Anthony O'Donnell

<[REDACTED]@tube.tfl.gov.uk>

Cc: +Northern Line Tier One Reps <[REDACTED]@tfl.gov.uk>

Subject: Re: TSRs across the Northern Line

Hi Paul,

Hope you're well, I note that the Archway NB TSR isn't showing on here, has that been removed?

Kind regards

[REDACTED]

From: Paul Hardie <[REDACTED]@tube.tfl.gov.uk>

Sent: 17 July 2023 13:04

To: [REDACTED] <[REDACTED]@tube.tfl.gov.uk>; Anthony O'Donnell <[REDACTED]@tube.tfl.gov.uk>

Cc: +Northern Line Tier One Reps <[REDACTED]@tfl.gov.uk>

Subject: RE: TSRs across the Northern Line

Afternoon all

Attached is the latest TSRs we have in on the line

Regarding the noise, I understand that track in collaboration with Noise and Vibration team are working on this at present

Regards,

Paul