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Ellipse work management handbook

7 KPI Reports - Examples

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KPI Reports - Examples

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Double Click on the figures within these columns to display the work order details

Work Order Data Quality Report - National Summary

Please treat as unverified data

ROUTE	IMDM	CLOSED WORK ORDERS	VO: CLOSED WITHOUT HOURS	CLOSED WITHOUT UNITS	ESTIMATED HOURS	ACTUAL HOURS	FORCAST GROSS HOURS AVAILABLE	FORCAST NON TIME ON TOOLS	FORCAST NET HOURS AVAILABLE	NON TIME ON TOOLS	NTTEQUIPMENT
Anglia	IMDM Colchester	2,023	1	2	9,780	4,567	6,679	3,836	2,843	3,505	
	IMDM Romford	3,398	12	10	6,856	6,142	9,695	5,320	4,375	2,569	
	IMDM Tottenham	2,570	1	0	7,756	4,912	9,066	4,264	4,802	2,413	
Anglia Total		7,991	14	12	24,392	15,621	25,440	13,420	12,020	8,487	
Kent	IMDM Ashford	1,733	1	1	4,858	4,761	1,393	690	703	1,100	
	IMDM London Bridge	1,806	2	2	5,845	2,830	4,445	2,125	2,320	933	
	IMDM Orpington	1,583	0	0	26,528	2,565	70	11	59	1,133	
Kent Total		5,122	3	3	37,231	10,156	5,908	2,826	3,082	3,166	
LNE	IMDM Doncaster	1,488	32	107	3,739	3,254	0	0	0	1,491	
	IMDM Hitchin	2,774	4	6	6,148	3,778	6,176	3,582	2,594	1,811	
	IMDM Leeds	3,151	2	6	8,316	5,781	1,773	609	1,164	2,111	
	IMDM Lincoln	1,727	2	21	5,533	4,420	3,629	1,206	2,423	3,111	
	IMDM Newcastle	2,815	22	22	4,268	3,309	741	367	374	1,111	
	IMDM Sheffield	2,122	6	7	4,379	2,992	564	252	312	1,111	
LNE Total		16,423	72	171	37,470	27,641	12,883	6,016	6,867	15,555	
Midland & Continental	IMDM Bedford	2,353	16	16	8,585	7,506	0	0	0	1,774	
	IMDM Derby	2,308	6	6	6,959	4,264	1,260	453	8	1,647	

These filters can be used to reduce the list by either Route or closure method

Work Order Data Quality Report - Zero Hours & Units

This report lists all the work orders closed as 'All Complete' which have not been labour costed using MSD850, with any 'Time on Tools' 'Units Complete'.

ROUTE	IMDM	USERNAME	PROFILE	NO HOURS	NO UNITS
Anglia	IMDM Colchester	MARK WATKINS	- SCHEDULING -	1	1
		ADEE LOGAN SMITH	- SCHEDULING -	0	1
	IMDM Colchester Total			1	2
	IMDM Romford	FDOS USER	- FDOS_USER - HISTORY -	3	0
		RAJ NAIR	- HISTORY - SCHEDULING -	2	2
		LIZ JAMES	- HISTORY - SCHEDULING -	1	1
		JOANNE RIBAUDO	- DATA ENTRY -	1	1
		AUDREY WALLIN	- DATA ENTRY -	4	4
		CARL ANASTASI	- SCHEDULING -	0	1
		ANDREW PORTER	- SCHEDULING -	1	1
	IMDM Romford Total			12	10
	IMDM Tottenham	ROUSE DANIEL	- DATA ENTRY -	1	0
	IMDM Tottenham Total			1	0
	Anglia Total			14	12
Kent	IMDM London Bridge	EMMA BOURKE	- SCHEDULING -	1	1
		ANDY BUTLER	- SCHEDULING -	1	1
	IMDM London Bridge Total			2	2
	IMDM Ashford	SHANE TRAVERS	- SCHEDULING -	1	1
IMDM Ashford Total			1	1	
Kent Total			3	3	
LNE	IMDM Doncaster	FDOS USER	- FDOS_USER - HISTORY -	1	0
		NEIL ODGEN	- HISTORY - SCHEDULING -	1	1
		HANNAH MARSHALL	- SCHEDULING -	27	27
		TOM CAUDVELL	- DECADM - HISTORY -	1	1
		LISA JOHNSON	- DATA ENTRY -	1	76
		JAMES BATHGATE	- DATA ENTRY -	0	1
		CLARE ARTHUR	- SCHEDULING -	1	1
		IMDM Doncaster Total			32
	IMDM Hitchin	SHARRON BUCKLEY	- SCHEDULING -	0	1
		LINDSAY BANKS	- SCHEDULING -	0	1
		JANINE MATHER	- SCHEDULING -	1	1
		ANDREW LINCOLN	- SCHEDULING -	1	1
		KELLY SCOFFINS	- DATA ENTRY -	1	1
	IMDM Hitchin Total	MELISSA REEVE	- DATA ENTRY -	1	1
				4	6
	IMDM Leeds	FDOS USER	- FDOS_USER - HISTORY -	0	4
		LOUISE HANSON	- HISTORY - SCHEDULING -	2	2
	IMDM Leeds Total			2	6
	IMDM Lincoln	LYNDA BENTON	- DATA ENTRY -	2	21
IMDM Lincoln Total			2	21	
IMDM Newcastle	LEE LAVSON	- DATA ENTRY -	19	19	
IMDM Newcastle Total	STEWART ALLAN	- HISTORY - SCHEDULING -	3	3	
			22	22	
IMDM Sheffield	TONY NOBLE	- DATA ENTRY -	4	4	
	PERDY BHOGAL	- SCHEDULING -	1	2	
	CAROL ANNE BROWN	- DATA ENTRY -	1	2	
IMDM Sheffield Total			6	7	
IMDM York	FDOS USER	- FDOS_USER - HISTORY -	2	0	
	REBECCA DUDDY	- SCHEDULING -	1	1	
	WILLIAM TAYLOR	- BLANK -	1	1	
	IMDM York Total			4	2

Figure A1 – KPI 1 Work Order Data Quality Report

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KPI 2 : Business Critical Work Outstanding Report for (13 Days Grace)

ROUTE	(All)
IMDM	(All)

KPI	KPI DESCRIPTION	NORM_REF DESCRIPTION	Work Order MST	Work Order Work Arising	Total Work Orders	Estimated Labour Hours	Average Hours Remaining	Average Days Overdue
Z399_01	Overdue Superintendant Track Inspection (level 2)	Track Inspection - Supervisor	83	11	94	184	94	21
Z399_01	Total		83	11	94	184	94	21
Z399_02	Overdue Engineer Track Inspection (level 3)	Track Inspection - Engineer	179	2	181	330	180	41
Z399_02	Total		179	2	181	330	180	41
Z399_04	Overdue URFD	URFD - U15 SPERRY FULL RAIL SECT TEST PL	151	49	200	517	193	32
		URFD U1&U2 FP JTS & BOLT HOLES TEST S&C	197	54	251	665	250	37
		URFD U1&U2 FP JTS & BOLT HOLES TEST PL	131	2	133	293	128	32
		URFD - U7 - RAIL DEPTH MEASUREMENT	11	2	13	8,292	11	40
		URFD - U15 SPERRY FULL RAIL SECT TEST SC	133	11	144	218	141	51
		URFD - U15&U16 UTU	4	0	4	0	0	65
		URFD - ATTENDANCE AFTER UTU RUN	0	88	88	330	88	32
		URFD - U10 - ADJUSTMENT SWITCH TEST	8	7	15	16	15	54
		URFD - U3 - FULL RAIL SECTION TEST	14	11	25	82	25	
		URFD - U15 - Sperry Stick U3/U14 Test	0	1	1	0	1	31
		URFD - U5 - Squat & Rail Head Rep - Test	0	57	57	41	54	36
		URFD - U15 RCF RETEST	0	6	6	0	2	36
		URFD VISUAL INSPECTION OF UTU ROUTE PL	13	1	14	508	13	38
		URFD - U15 RCF RETEST S&C	0	7	7	1	7	20
		URFD - U5A - MACHINED RAIL TEST FOR RCF	0	2	2	0	2	30
Z399_04	Total		662	298	960	10,963	932	37
Z399_05	Rail in Tunnel (S.M.) Inspection Overdue	Track - PL - Monitor Rail Corrosion	13	0	13	141	13	27
Z399_05	Total		13	0	13	141	13	27
Z399_06	Overdue Sidewear Measurements	Rail - Monitor Sidewear	156	2	158	667	158	35
Z399_06	Total		156	2	158	667	158	35
Z399_08	No. Point Ends with S/053 Inspections Overdue	S & C - Inspection of Switches	19	1	20	13	20	25
		S & C - Detailed Inspection of Switches	22	6	28	7	26	26
		S & C - Facing Point Examination	27	0	27	42	27	19
Z399_08	Total		68	7	75	61	73	23
Z399_09	No. S/054 Inspections Overdue	S & C - Crossing - Inspect	32	2	34	17	34	29
		S & C - Secured Out of Use - Inspect	7	0	7	2	7	37
Z399_09	Total		39	2	41	19	41	31
Z399_11	Longitudinal Timbers:No. of Inspections Overdue	Longitudinal Timber Insp - Supervisor	1	1	2	5	2	30
		Longitudinal Timber Detailed Inspection	19	1	20	272	20	35
Z399_11	Total		20	2	22	277	22	34
Z399_12	Rail in Level crossings:No. of Overdue Inspections	Level Crossing - Monitor Rail Corrosion	18	7	25	4	25	59
Z399_12	Total		18	7	25	4	25	59
Z399_13	No. of AT Welds Overdue Supervisory Inspection	Weld Inspection - Welding Supervisor	0	69	69	21	68	49
Z399_13	Total		0	69	69	21	68	49
Z399_14	Rolling Contact Fatigue (RCF) Overdue Retests	Re-Railed RCF Site - Inspection	4	1	5	0	4	17
Z399_14	Total		4	1	5	0	4	17
Z399_15	Cab Ride - Level 2 (Supvtr) & Level 3 (Engineer)	Cab Ride - Engineer	93	0	93	146	93	42
		Cab Ride - Supervisor	55	0	55	36	54	27
Z399_15	Total		148	0	148	183	147	37
Z399_16	No. of Overdue Facing Point Lock (FPL) tests	FPL (w/HOUSE 63) - TEST	3	0	3	2	3	18
		FPL (w/HOUSE M3) - TEST	3	0	3	2	3	20

These filters can be used to a specific Route or Delivery Unit

Double Click on the figures within these columns to display the work order details

Figure A2 – KPI 2 National Business Critical Work Outstanding Report

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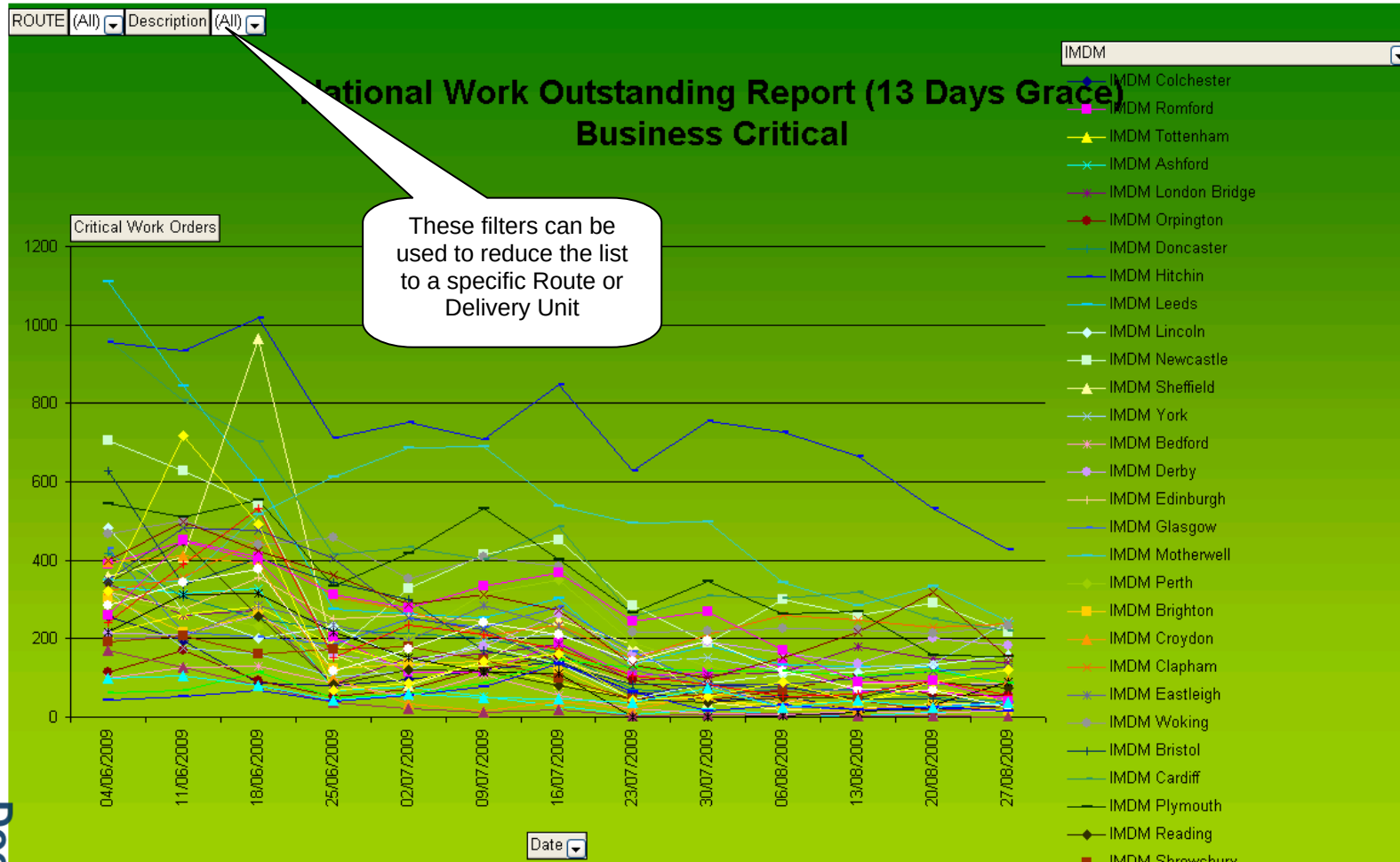


Figure A2a – Business Critical Work Outstanding Report Graph



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National Work Outstanding Report - (13 Days Grace)

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ROUTE	IMDM	Work Order MST	Work Order Work Arising	Work Order Grand Total	Sum of Hours Remaining	Average Hours Remaining	Average Days Overdue	% of Work Bank	Ranking
Anglia	IMDM Colchester	216	552	768	9,719	13	37	3.3%	23
	IMDM Romford	239	332	571	2,796	5	35	2.3%	10
	IMDM Tottenham	235	73	308	1,372	4	26	1.8%	9
Anglia Total		690	957	1,647	13,888	8	34	2.5%	
Kent	IMDM Ashford	227	104	331	8,018	24	37	2.5%	13
	IMDM London Bridge	247	7	254	384	2	33	2.9%	17
	IMDM Orpington	277	56	333	4,790	14	45	3.2%	22
Kent Total		751	167	918	13,192	14	39	2.8%	
LNE	IMDM Doncaster	275	135	410	993	2	36	4.0%	27
	IMDM Hitchin	1,422	834	2,256	12,211	5	81	8.1%	37
	IMDM Leeds	464	241	705	3,326	5	43	3.6%	24
	IMDM Lincoln	395	509	904	7,788	9	39	7.4%	35
	IMDM Newcastle	1,088	334	1,422	3,413	2	34	10.0%	39
	IMDM Sheffield	63	45	108	315	3	57	1.5%	6
LNE Total		4,205	2,210	6,415	31,571	5	51	6.5%	
LNW North	IMDM Crewe	416	192	608	14,295	24	42	4.7%	28
	IMDM Chester	259	14	273	460	2	17	2.8%	15
	IMDM Preston	105	121	226	1,795	8	32	1.3%	3
	IMDM Carlisle	174	250	424	5,131	12	32	2.8%	16
	IMDM Manchester	403	330	733	8,319	11	43	5.5%	31
LNW North Total		1,357	907	2,264	30,001	13	37	3.3%	

Analysis of work outstanding movement on previous week

Backlog Added	Backlog Closed	Backlog Cancelled	Backlog Reprioritised	Backlog Movement
221	103	5	25	88
213	88	11	23	91
204	185	23	35	-39
638	376	39	83	140
100	15	8	32	45
104	15	8	32	45
58	12	26	55	-76
262	257	26	75	-40
432	620	33	148	-369
254	272	142	142	-302
403	244	40	39	80
155	362	5	0	-212
42	19	1	1	21
407	116	4	5	282
1,839	1,717	252	410	-540
150	100	24	22	4
217	60	3	0	154
79	158	8	98	-185
164	124	5	29	6
215	79	16	115	5
825	521	56	264	

Work outstanding < or
equal to 6 days overdue
and therefore not included
within the above figures

Ranking
Calculated using % of total
work outstanding against
open Ellipse job bank

Backlog > 6
days overdue

		Distribution of Days Overdue													Grand Total
		0 - 4	5 - 6	7 - 10	11 - 14	15 - 20	21 - 40	41 - 60	61 - 80	81 - 100	101 - 200	201 - 300	301 - 400	> 400	
Anglia	IMDM Colchester	1058	312	330	217	193	317	143	37	31	20	2	1	0	2651
	IMDM Romford	508	212	388	197	88	205	79	49	20	18	1	0	0	1765
	IMDM Tottenham	187	128	407	204	49	84	8	2	2	4	0	4	0	1079
Anglia Total		1753	652	1125	618	320	606	230	88	53	42	3	5	0	5495
Kent	IMDM Ashford	291	793	106	187	79	161	40	14	12	5	1	0	1	1690
	IMDM London Bridge	285	569	149	127	100	87	32	29	1	1	0	0	0	1380
	IMDM Orpington	158	610	93	97	55	175	22	39	16	22	1	0	0	1288
Kent Total		734	1972	348	411	234	423	94	82	29	28	2	0	1	4358
LNE	IMDM Doncaster	363	106	274	224	71	145	61	25	22	11	0	0	0	1302
	IMDM Hitchin	283	595	684	364	153	917	372	135	79	176	42	40	65	3905
	IMDM Leeds	1229	300	378	263	196	200	124	36	45	39	5	2	1	2818
	IMDM Lincoln	649	66	471	125	360	240	97	67	39	54	6	2	0	2176
	IMDM Newcastle	877	222	1523	181	89	945	191	56	47	27	2	0	0	4160
	IMDM Sheffield	302	281	165	89	17	36	5	6	6	8	0	6	0	921
LNE Total		376	75	308	304	127	171	29	2	1	0	0	0	0	1393
LNW North	IMDM Crewe	402	169	129	91	43	83	47	8	7	2	0	0	0	981
	IMDM Chester	347	534	287	198	48	56	0	0	0	1	0	0	0	1471
	IMDM Preston	351	490	129	317	96	338	148	75	20	46	0	0	0	2010
	IMDM Carlisle	345	347	296	245	132	214	102	30	112	0	0	0	0	1823
	IMDM Manchester	304	1329	140	181	147	166	51	45	5	0	0	0	0	2368
LNW North Total		1749	2869	981	1032	466	857	348	158	144	49	0	0	0	8653

Figure A3 – KPI 3 National Work Outstanding Report



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National Work
Outstanding Targets:

< 14 Days = 75% of Job Bank
 < 40 Days = 90% of Job Bank

National Work Outstanding Report - Work Outstanding Vs. Targets

		TARGETS					Number of Work Orders > 100 Days
		75% < 14 Days	90% < 40 Days	95% < 60 Days	100% < 100 Days	0% > 100 Days	
ROUTE	IMDM	Data	< 14 Days	< 40 Days	< 60 Days	< 100 Days	> 100 Days
Anglia	IMDM Colchester		72%	91%	97%	99%	1%
	IMDM Romford		74%	91%	95%	99%	1%
	IMDM Tottenham		86%	98%	99%	99%	1%
Anglia Total			75%	92%	97%	99%	1%
Kent	IMDM Ashford		81%	96%	98%	100%	0%
	IMDM London Bridge		82%	95%	98%	100%	0%
	IMDM Orpington		74%	92%	94%	98%	2%
Kent Total			80%	95%	97%	99%	1%
LNE	IMDM Doncaster		74%	91%	96%	99%	1%
	IMDM Hitchin		49%	77%	86%	92%	8%
	IMDM Leeds		77%	91%	95%	98%	2%
	IMDM Lincoln		60%	88%	92%	97%	3%
	IMDM Newcastle		67%	92%	97%	99%	1%
	IMDM Sheffield		91%	97%	97%	98%	2%
	IMDM		76%	98%	100%	100%	0%
LNE Total			66%	88%	94%	97%	3%
LNW North	IMDM		68%	87%	92%	100%	0%
	IMDM		93%	100%	100%	100%	0%
	IMDM		81%	93%	98%	100%	0%
	IMDM		83%	96%	98%	100%	0%
	IMDM		64%	86%	93%	98%	2%
LNW North Total			77%	92%	96%	99%	1%
LNW South	IMDM Bletchley		79%	96%	99%	100%	0%
	IMDM Saltley		86%	98%	99%	100%	0%
	IMDM		80%	92%	95%	97%	3%
	IMDM		31%	79%	86%	91%	9%
	IMDM		9%	87%	95%	98%	2%
LNW South Total			9%	90%	95%	98%	2%
Maintenance HQ	Natio		0%	53%	65%	83%	17%
Maintenance HQ Total			0%	53%	65%	83%	17%
Midland & Continental	IMDM		4%	89%	92%	98%	2%
	IMDM		7%	95%	100%	100%	0%
Midland & Continental Total			76%	93%	97%	99%	1%
Scotland	IMDM Edinburgh		89%	97%	98%	98%	2%
	IMDM Glasgow		86%	92%	97%	99%	1%
	IMDM Motherwell		60%	79%	87%	92%	8%
	IMDM Perth		70%	91%	98%	100%	0%
Scotland Total			77%	90%	95%	98%	2%
Wessex	IMDM Clapham		60%	88%	97%	99%	1%
	IMDM Eastleigh		72%	93%	96%	100%	0%
	IMDM Woking		66%	93%	99%	100%	0%
Wessex Total			64%	91%	97%	100%	0%
Western	IMDM Bristol		88%	100%	100%	100%	0%
	IMDM Cardiff		60%	82%	98%	100%	0%
	IMDM Plymouth		68%	95%	98%	100%	0%
	IMDM Reading		68%	93%	97%	99%	1%
	IMDM Shrewsbury		72%	93%	96%	100%	0%
	IMDM Swindon		99%	100%	100%	100%	0%
Western Total			72%	91%	98%	100%	0%
Grand Total			67%	86%	92%	96%	4%

This filter can be used to reduce the list to a specific Route

Targets by Route and IMDM

Figure A3a – KPI 3 National Work Outstanding Report (Targets by Delivery Unit)

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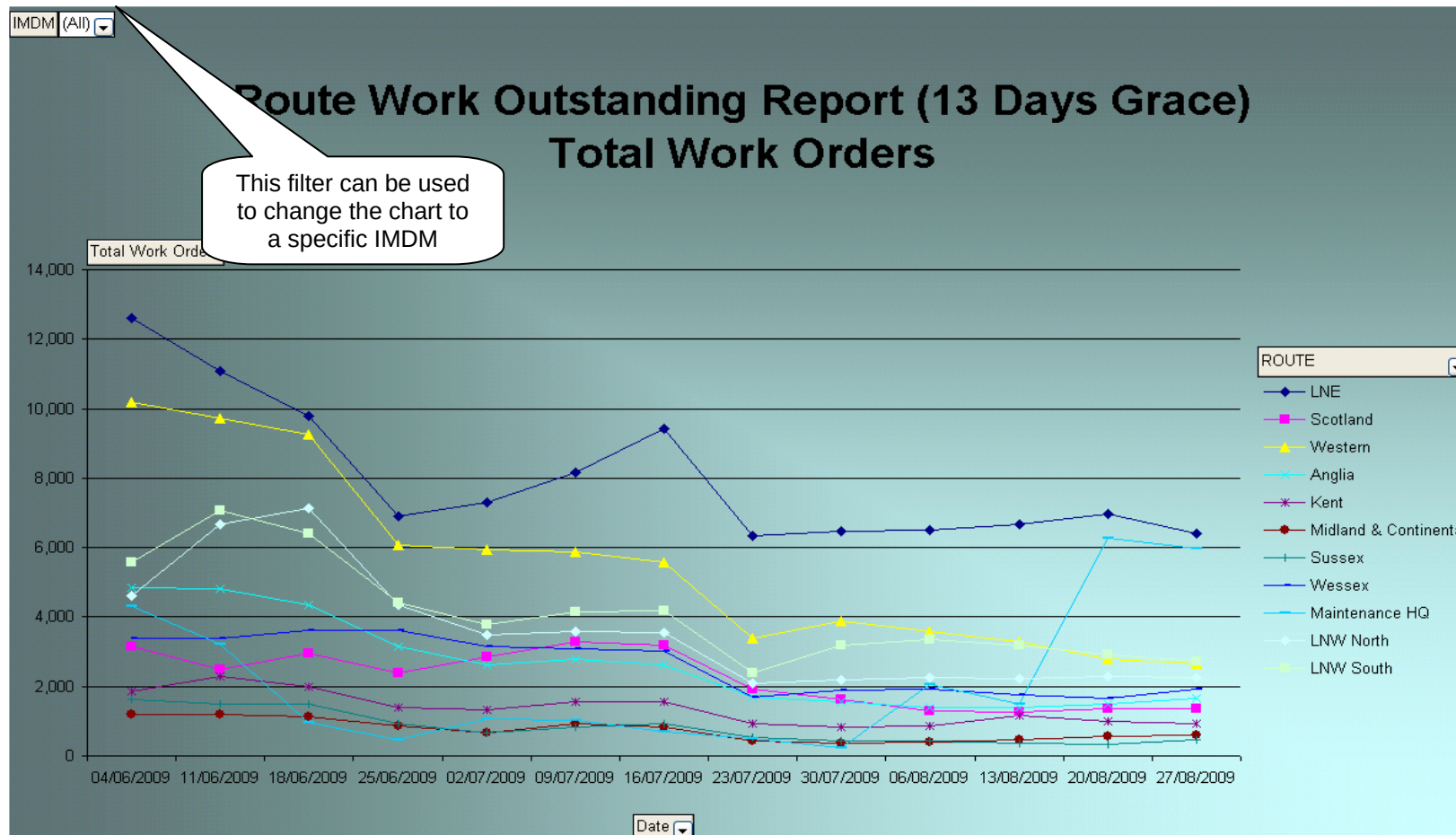


Figure A3c – KPI3 National Work Outstanding report pivot charts