



Outliers Performance Management Toolkit

April 2024

Performance Management Toolkit

April 2024

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Powered by **OUTLIERS** Mining Solutions

- HOME
- SHORT INTERVAL CONTROL
 - BETA SIC REPORT
 - MOBILE SIC
 - BETA SHOVEL TRENDS
 - BETA DUMP TRENDS
 - MINE OPERATIONS PLAYBOOK
- SCORECARDS
- SYSTEM HEALTH
- CONFIGURATION
- ADMIN CONFIG

Dark Mode

Report an issue

Animated Background

Beta Mode

LanguageEnglish

Log Out

Home Screen/Nav Menu/User Preferences

OUTLIERS

Mining Solutions

MINERAL HIVE

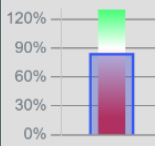
Unleashing Mining Innovation

Short Interval Control

Shovel Trends

Dump Trends

Visual Management

Haulage Summary		Score	
Potential(incl.)	151,648	85%	
Actual Dumped(incl.)	128,245		
Actual Dumped(excl.)	100		
Actual Dumped	128,345		
Tonne/NOH	643		
+/- Tonne	23,403		

Source		
Shovel	Main Dig Location	Loads
LO12	ROM295054	1
SH02	P4_172_132	6
SH07	P2_013_012	15
SH02	P4_172_127	18
LO20	Agregat SD Crush	25
EX06	ROM295F06	30
SH01	ROM295E74	69
SH05	P4_187_036	70
SH03	P4_172_127	86
SH04	P4_187_036	120
Total Loads Loaded		440

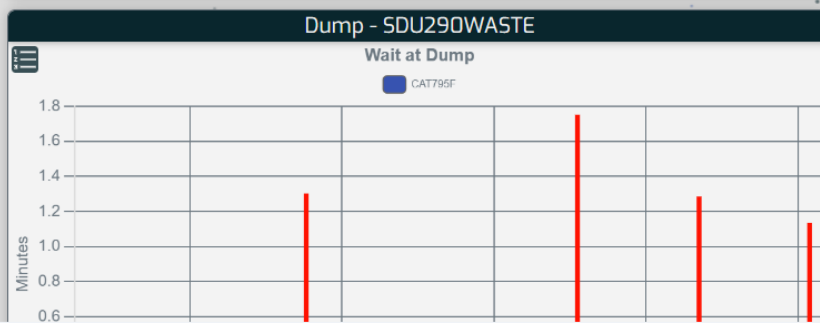
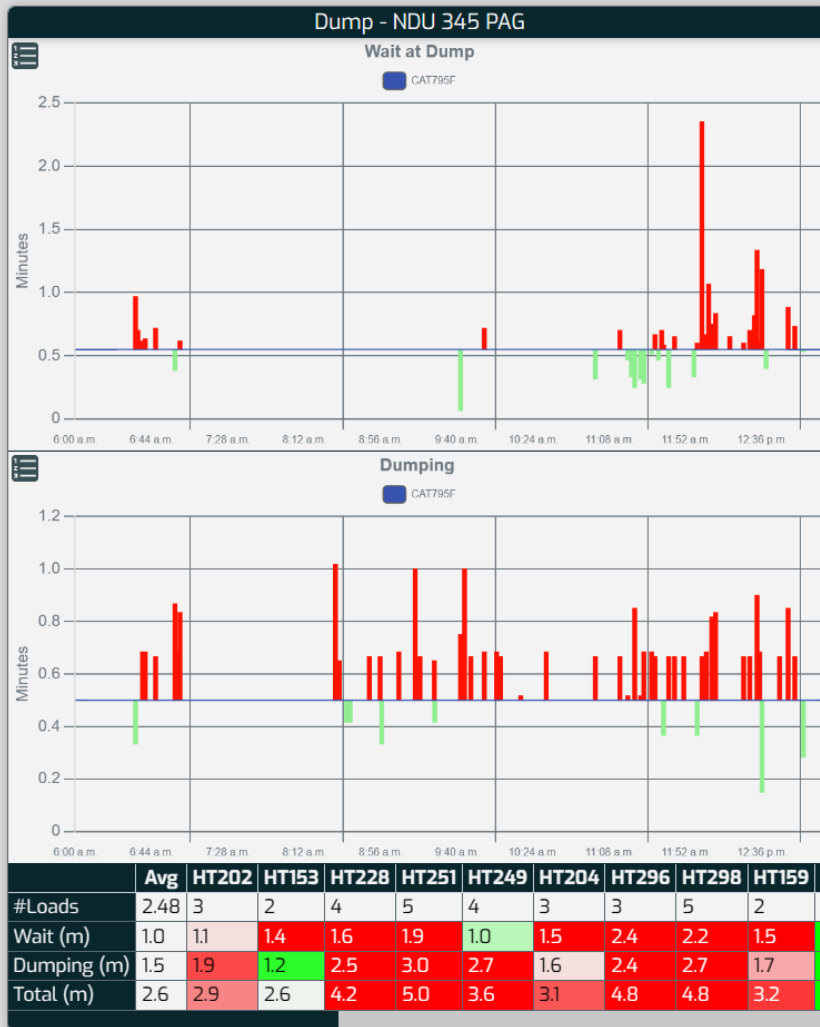
Loading Units															
KPI		All Shovels			SH07		12.5 %	SH05		100.1 %	SH04		106.9 %	SH03	
KPI	UOM	Target	Actual	+/- Tonne	Target	Actual	+/- Tonne	Target	Actual	+/- Tonne	Target	Actual	+/- Tonne	Target	Actual
Total Loaded	Ton	169,623.27	129,121.90	-42,300	15,191.33	1,903.90	-16,780	22,149.19	22,175.50	336	35,112.49	37,550.40	2,598	34,334.84	27,486.00
Availability	%		99.10			100.00			100.00			94.89			100.00
Use of Availability	%	88.00	76.85	-25,119	88.00	16.97	-15,081	88.00	89.15	286	88.00	86.57	-567	88.00	83.34
Effective Utilization	%	65.11	51.80		65.00	5.95		65.00	68.05		65.00	68.69		65.00	61.78
Dig Rate	T/NOH	3,401.86	2,589.59		2,373.09	1,542.31		3,459.99	3,419.36		5,780.36	6,283.71		5,363.55	4,533.77
Shovel Cycle Time	mm:ss	04:50	05:54		03:14	04:56		05:26	05:33		03:15	02:57		03:30	04:13
LU Wait	mm:ss	01:21	02:09	-10,488	00:59	03:12	-1,934	01:06	01:18	-826	00:35	00:29	1,319	00:50	01:05
Shovel Wait %	%	20.16	27.48		20.00	64.92		20.00	23.67		20.00	16.38		20.00	25.87
Spot at LU	mm:ss	00:37	00:39	-1,398	00:40	00:14	581	00:40	00:43	-259	00:40	00:43	-631	00:40	00:55
Load Time	mm:ss	02:50	03:05		01:35	01:29		03:40	03:30		02:00	01:45		02:00	02:12
Load Time - CAT795F	mm:ss	02:55	03:09	-3,945	04:10	04:10		03:40	03:30	633	02:00	01:45	2,748	02:00	02:12
Load Time - CAT777F	mm:ss	02:04	02:21	-414	01:12	01:04	121								
Payload - CAT795F	wTons	314.00	314.24	98	314.00	301.95	-30	314.00	321.28	502	314.00	311.75	-271	314.00	319.59
Payload - CAT777F	wTons	100.00	88.35	-541	100.00	72.62	-438								
Payload - CAT740B	wTons														
Overloads	cnt	0.27	1.00					0.01	1.00						
Underloads	%	5.00	8.49		5.00	86.67					5.00	4.96		5.00	5.88
110-120%	%	10.00	4.25					10.00	5.80		10.00	2.48		10.00	11.76
Additional Information															
Project Work (avg)	mm:ss	00:52													
Truck Queue at LU	mm:ss	03:12			00:34			02:39			04:42			02:58	
Down Events	cnt	5.00									2.00				
Delay & Standby Events	cnt	71.00			3.00			9.00			15.00			13.00	
First Bucket	hh:mm	07:02			10:39			06:04			06:02			06:13	
Last Bucket	hh:mm	12:24			13:13			13:16			12:52			13:14	
Top Delays & Standbys By Loading Unit	HH:mm:ss				Meeting	00:11:58		Working The Face	00:03:40		Short Shovel Move	00:08:16		Hot Change	
	HH:mm:ss				Road Closure	05:50:26		Short Shovel Move	00:06:50		Hot Change	00:10:15		Road Closure	
	HH:mm:ss							Shovel Clean Up Delay	00:07:16		Shovel Clean Up Delay	00:37:06		Short Shovel Move	
	HH:mm:ss							Break	00:29:35					Shovel Clean Up Delay	
	HH:mm:ss														



Loading Summary		Score	
Potential(incl.)	169,623	76%	<div><div></div></div>
Actual Loaded(incl.)	129,122		
Actual Loaded(excl.)	0		
Actual Loaded	129,122		
Tonne/NOH	2,590		
+/- Tonne	42,300		

Dumps (Excludes In Pit Dumps)					
Type	Dump	Seconds		Tonne	
		Wait	Dumping	Waste	Ore
Stockpile	ROM295Y14	0	30	0	83
	ROMOVERSIZE	0	11	0	621
	SDU 290X	0	0	0	100
	SPL315LGE	29	40	0	1,265
Crusher	PC01	147	33	0	29,372
Dump	In Pit - Overload	0	50	379	0
	In Pit - Projects	0	30	3,600	0
	NDU 330 PAG	14	43	1,012	0
	NDU 345 PAG	25	37	21,167	0
	SDU290WASTE	2	37	46,986	0
	TMA Barge Road	0	43	4,681	0
	TMA Cell 2 West	56	37	10,762	0
	TMA North NAG-Pad	0	42	8,318	0
Total/Avg	Crusher	147	33	0	29,372
	Dump	12	37	96,904	0
	Stockpile	16	30	0	2,069
Total/Average		28	33	193,807	62,882

Hauling Units																
Truck - KPI		All Trucks			CAT777F			CAT795F			CAT795 Reject			CAT740B		
KPI	UOM	Target	Actual	+/- Tonne	Target	Actual	+/- Tonne	Target	Actual	+/- Tonne	Target	Actual	+/- Tonne	Target	Actual	+/- Tonne
Total Hauled	Ton	151,647.98	128,244.80	-23,403	3,970.37	3,700.00	-270	147,677.61	124,544.80	-23,133						
Availability	%		88.03			85.78			88.47							
# Avail Trucks	#		38.71			6.86			31.85							
Use of Availability	%	88.13	81.74	-11,377	83.35	78.73	-220	89.04	82.31	-11,157						
Effective Utilization	%	65.00	62.84		65.00	65.25		65.00	62.36							
Productivity	T/NOH	705.04	642.63		302.09	291.11		715.88	653.08							
Payload	wTons	295.80	295.16	-427	100.00	88.56		314.00	314.37	-427						
Overloads	cnt	2.00	1.00		1.00			1.00	1.00							
Underloads	%	7.50	7.86		7.50	68.00		7.50	4.05							
110-120%	%	5.00	4.29		5.00			5.00	4.56							
Cycle Time	mm:ss	25:46	28:03		19:51	20:36		26:19	28:44							
Truck Queue at Shovel	mm:ss	02:05	03:14	-6,956	03:00	01:07	131	02:00	03:26	-7,088						
Spot at LU	mm:ss	00:32	00:39	-811	00:32	00:06	32	00:32	00:42	-843						
Load Time	mm:ss	02:50	03:09	-1,421	02:04	02:29	-31	02:55	03:13	-1,391						
Queue at All Dest	mm:ss	00:44	00:41		00:02	00:45		00:48	00:41							
Truck wait at Dump	mm:ss	00:33	00:13	1,100				00:33	00:13	1,100						
Truck wait at Stockpile	mm:ss	02:00	00:16	139				02:00	00:16	139						
Truck Wait at Crusher	mm:ss	01:30	02:25	-772	01:30	28:06	-52	01:30	02:09	-720						
Dumping	mm:ss	00:34	00:36		00:30	00:30		00:34	00:36							
Dump at Dump	mm:ss	00:30	00:37	-462	00:30	00:30	-1	00:30	00:38	-462						
Dump at Dump	mm:ss	00:30	00:30	-1				00:30	00:30	-1						
Dump at Crusher	mm:ss	00:50	00:32	312	00:50	00:30	1	00:50	00:32	311						
Travel Empty	mm:ss	08:29	08:29		06:48	06:48		08:38	08:38							
Travel Full	mm:ss	10:10	10:10		06:34	06:34		10:30	10:30							
Stopped Empty	mm:ss	00:15	00:37	-1,346	00:15	01:45	-104	00:15	00:31	-1,242						
Stopped Full	mm:ss	00:05	00:23	-1,379	00:05	00:29	-27	00:05	00:23	-1,353						
Cycle Time - Project Work	mm:ss		31:04			56:00			28:44							
Project Work (avg)	mm:ss		03:00			35:23			00:00							
Project Work (Total)	HH:ss		78,568.00			78,564.00			4.00							
Delays and Standbys		Target	Actual	+/- Tonne	Target	Actual	+/- Tonne	Target	Actual	+/- Tonne	Target	Actual	+/- Tonne	Target	Actual	+/- Tonne
Fuelling/Lube	%	1.42	0.85	1,195	0.15	0.45	-14	1.65	0.92	1,209				0.14		
Circle Check	%	0.05	0.25	-408	0.05		2	0.05	0.30	-410	0.05			0.05		
Not Required	%															
Standby	%	1.48		472	9.18		437	0.02		35				12.00		
Break	%	3.28	4.52	-2,464	2.50	2.50	0	3.42	4.91	-2,464				2.10		
Shift Change	%	1.29	0.92	673	0.48	0.30	9	1.44	1.04	664				0.52		
Returned From Maintenance	%	0.64	0.18	736	1.71	1.05	31	0.43	0.01	705						
Blasting	%															
Toilet	%	0.18	0.85	-1,358	0.18	0.05	6	0.18	1.00	-1,364				0.18		



Realtime

Arrangement Column-wise

Dumps

- NDU 345 PAG
- In Pit - Projects
- SDU290WASTE
- SDU 290X
- PC01
- NDU 330 PAG
- TMA Cell 2 West

Cycle Elements

- Wait at Dump
- Dumping
- Loads

Truck Fleets

- CAT795F
- CAT777F

Reload

Mine Operations Playbook

Ore Delivery

Match mining rates to crusher rates

Crusher Tonnes per Hour	Trucks Per Hour	Minutes between trucks
1,000	4.0	15.0
1,200	4.8	12.5
1,400	5.6	10.7
1,600	6.4	9.4
1,800	7.2	8.3
2,000	8.0	7.5
2,200	8.8	6.8
2,400	9.6	6.3
2,600	10.4	5.8
2,800	11.2	5.4
3,000	12.0	5.0
3,200	12.8	4.7

- Match the mining delivery rate to the crusher to the crusher rate
- Communicate regularly with crusher operator.
Any changes to the crusher rate
Any changes to the mining rate
- If pile is above 110', match the crusher rate perfectly
(no excess wait, spot, or dump time)
- If pile is below 110' build pile: try to exceed the crusher rate; can have up to 2 minutes wait, spot, dump time
- If crusher is struggling with delays, get constant updates and send excess trucks to the stockpile

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Unleashing Mining
Innovation





Crew A

Search for operator

Select an operator

Operator	Id	Operator Code	Shift Change	Break	Circle Check	Avg Number of Last Load/Dump	Avg. Spotting Time (Single)	Avg Dump Time (Crusher)	Num. of Loads	Avg Number of 1st Load/Dump	Avg. Queue Time (Crusher)	Avg. Spotting Time (Hydraulic)	Avg. Spotting Time (Double)	Num. of Shifts	Avg. Stopped Full	Avg. Stopped Empty
Target			14:00	45:00	04:00	1.5	00:55	01:20		1.5	02:30	00:55	00:40		00:20	00:25
All Crews			11:17	38:28	03:16	1.6	00:44	00:33	77.4	1.9	05:57	00:44	00:57	4.7	00:20	00:43
Crew A			13:30	57:30	03:38	1.6	00:41	00:32	96.8	1.9	08:11	00:47	00:35	5.5	00:23	00:46
Scott N	12	IFI4	07:10	39:53		3.0	00:33	00:32	36.0	1.0	02:21	00:33		2.0	01:32	00:25
Stephe	16	RTWK	17:16	52:10		1.1	00:49	00:30	114.0	2.0	06:10	00:49	00:50	7.0	00:29	01:44
Yves Al	17	IS5J	13:22	55:54	06:34	1.7	00:39	00:31	134.0	1.4	06:56	00:39		7.0	00:25	00:30
Amy Si	14	ISO3	09:19	60:19	03:01	1.7	00:43	00:27	156.0	1.7	03:58	00:38	00:11	7.0	00:14	00:53
Brian V	2	IUXH	18:13	52:41	02:16	1.8	00:45	00:32	130.0	1.5	07:27	00:44		7.0	00:08	00:16
Fern Br	17	RTKY	12:26	64:20	02:42	1.1	00:46	00:26	110.0	1.9	11:34	00:46	00:17	7.0	00:21	00:39
Gary Ri	19	I8WU	14:58	66:04	02:28	1.9	00:35	00:31	120.0	2.6	05:36	00:35		7.0	00:16	00:17
Corey E	17	ISZU	21:52	67:07	03:45	1.0	00:38	01:01	98.0	1.7	07:01	00:38	00:46	7.0	00:06	00:08
Domini	27	I8W5	13:44	61:57	01:32	1.3	00:39	00:30	112.0	1.9	11:43	00:39		7.0	00:16	00:15
George	53	IW5P	17:21	62:12	02:50	1.2	00:38	00:30	94.0	3.0	03:00	00:38		6.0	00:18	00:16
Glenda	19	IUMY	09:56	37:18		1.0	00:35	00:38	34.0	1.0	08:31	00:35		3.0	00:14	00:29
Joel Du	14	I8W2	14:57	68:23		2.2	00:51	00:29	122.0	1.5	07:18	00:50		7.0	00:26	00:25
Lauren	2	ISFZ	18:08	60:20		1.1	00:32	00:32	124.0	2.3	05:57	00:32		7.0	00:20	00:59
Chris O	44	IWU2	17:03	55:08	04:21	1.5	00:29	00:40	102.0	1.5	40:17	00:28		7.0	00:26	01:54
Clifforc	30	IWEH	10:22	60:13	05:43	1.1	00:55	00:40	107.0	1.6	09:40	00:55		7.0	00:35	00:50
Donald	5	IUXY	15:13	40:29	02:35	1.1	00:41	00:50	130.0	2.3	03:40	00:41		7.0	00:11	00:04
John Br	0	ISWX	08:34	65:11	03:12	1.8	00:41	00:33	78.0	1.2	05:33	00:41		5.0	00:33	00:29
Marc S	2	IUL3	15:04	65:06		1.4	00:35	00:34	127.0	2.0	09:07	00:35		7.0	00:25	01:59
Nathor	4	ISFK	09:43	61:45		1.7	00:43	00:36	104.0	2.0	01:47	00:43		7.0	00:20	00:49
Patrick	18	ISW2	15:53	71:17		3.2	00:32	00:24	201.0	2.8	08:19	01:00		6.0	00:06	00:20
Martin	14	ISFR	17:38	49:36	03:44	2.3	00:39	00:26	122.0	2.5	10:05	00:33		7.0	00:10	00:38
Mathie	16	ISFS	08:22	63:59	10:09	1.5	00:36	00:29	103.0	2.2	09:31	00:35		6.0	00:18	00:32
Michae	2	IHX4	16:48	65:59	03:24	1.3	00:47	00:30	109.0	2.0	10:05	00:47	01:29	7.0	00:20	00:21
Michel	14	RTKR	06:44	89:45	02:54	2.7	00:48	00:23	153.0	2.3	07:06	01:29		7.0	00:13	01:23
Philip A	12	ISWR	13:46	57:27		1.3	00:54	00:29	57.0	2.3	09:44	00:53		3.0	00:12	00:09
Raymo	16	IUMH	16:34	43:51	02:17	1.0	00:43	00:29	123.0	2.3	07:35	00:43		7.0	00:19	00:10
Robert	14	RT64	14:34	51:16	02:51	1.6	00:41	00:28	184.0	1.9	05:10	00:40	00:01	10.0	00:15	00:29
John Bi	14	RTKK	10:16	53:37	02:31	2.4	00:34	00:31	100.0	1.4	04:35	00:34		5.0	00:21	00:50
John Pi	12	ISK5	18:46	52:11	02:06	1.0	00:40	00:32	67.0	1.8	08:51	00:40	00:35	4.0	00:27	00:20
Kyle Rc	19	ISWE	07:01	68:05	04:27	2.1	00:36	00:30	123.0	2.2	10:37	00:36		7.0	00:16	00:22
Evelyn	14	RTWZ	14:14	63:56		1.2	00:44	00:30	53.0	2.3	06:43	00:44		3.0	00:34	00:43



Crew A

Search for operator

Compare(0/5)

				Num. of Shifts	Num. of Loads	Avg. First Load Time	Avg. Last Load Time	Tons per oper. hours	Loading time per Load	Time Per Pass	BCM Per Pass	Hang time (%)	Spot time	Overloads per Shift	Underloads per shift	Avg Payload (795 Haul Trucks)	Underloads %	Clean
Group	Operator	Id	Operator Code	#	#	HH:mm	HH:mm	TPOH	mm:ss	mm:ss	Tonne	%	mm:ss	#	#	Tonne	#	mm:ss
7495	Target			0.00	0.00	06:10	17:45	6549.19	01:51	00:29	84.78	23.69	00:51	0.00	6.38	305.00	0.00	03:00
	All Crews			23.00	5276.00	06:13	17:45	4775.75	01:55	00:27	82.54	34.33	00:49	1.00	10.00	311.92	0.05	
	Crew A			7.00	1570.00	06:07	17:44	4560.56	01:56	00:31	85.19	37.90	00:47	1.00	4.00	315.98	0.03	
	Burn	12	WBYF	6.00	592.00	06:08	17:43	4424.81	01:58	00:31	85.19	40.73	00:42		3.00	315.43	0.04	04:27
	Denr	15	WBMU	7.00	978.00	06:06	17:45	4646.56	01:55	00:30	90.11	36.11	00:51		2.00	316.53	0.03	04:22
993	Target			0.00	0.00	06:10	17:45	6549.19	01:51	00:29	84.78	23.69	00:51	0.00	6.38	305.00	0.00	03:00
	All Crews			22.00	1126.00	06:19	17:34	692.74	02:12	01:13	30.00	65.58	01:09		26.00		0.47	
	Crew A			7.00	345.00	06:21	17:24	703.09	01:54	01:13	30.00	64.69	01:47		16.00		0.38	
	Gaet	10	WBYK	5.00	345.00	06:21	17:24	703.09	01:54	01:13	30.00	64.69	01:47		16.00		0.38	
6060	Target			0.00	0.00	06:10	17:45	6549.19	01:51	00:29	84.78	23.69	00:51	0.00	6.38	305.00	0.00	03:00
	All Crews			23.00	3293.00	06:15	17:45	2661.79	03:22	00:44	53.80	38.23	01:10		9.00	309.01	0.07	
	Crew A			7.00	956.00	06:20	17:45	2557.64	03:33	00:50	47.89	38.11	01:01		4.00	312.41	0.06	
	Rene	7	WHRP	6.00	426.00	06:19	17:49	2835.01	03:24	00:59	48.02	32.12	01:01		4.00	310.12	0.09	03:59
	Don	16	WPI4	2.00	65.00	06:24	17:34	1307.62	03:08	00:33	53.78	73.89	00:55			319.59	0.03	04:55
	Marc	00	WTAS	2.00	170.00	06:12	17:44	2662.70	03:59	01:15	51.65	22.50	01:28		2.00	311.17	0.05	07:43
	Math	33	WKAB	3.00	295.00	06:23	17:44	2716.35	03:36	00:32	47.89	38.43	00:40		1.00	308.75	0.04	01:25
992K	Target			0.00	0.00	06:10	17:45	6549.19	01:51	00:29	84.78	23.69	00:51	0.00	6.38	305.00	0.00	03:00
	All Crews			15.00	317.00	06:50	17:21	339.63	02:42			81.22	03:17		7.00		0.31	
	Crew A			4.00	76.00	06:29	17:19	359.23	02:14			79.80	05:58		16.00		0.63	
	Yves	37	WKOA	2.00	76.00	06:29	17:19	359.23	02:14			79.80	05:58		16.00		0.63	
6030	Target			0.00	0.00	06:10	17:45	6549.19	01:51	00:29	84.78	23.69	00:51	0.00	6.38	305.00	0.00	03:00
	All Crews			18.00	464.00	06:20	17:40	1253.21	05:58	02:36	37.24	45.64	01:21		4.00	298.07	0.19	
	Crew A			6.00	204.00	06:14	17:39	1426.52	05:16	02:12	40.34	43.24	01:34		3.00	298.68	0.17	
	Ghisl	22	WKQL	3.00	96.00	06:20	17:35	1363.96	05:12	02:40	37.85	44.74	01:08		3.00	300.42	0.20	
6060E	Target			0.00	0.00	06:10	17:45	6549.19	01:51	00:29	84.78	23.69	00:51	0.00	6.38	305.00	0.00	03:00
	All Crews			23.00	1974.00	06:20	17:44	2307.47	04:26	00:36	47.46	30.62	00:57		6.00	306.78	0.07	
	Crew A			7.00	511.00	06:20	17:44	2002.86	04:35	00:34	42.35	38.52	00:51		2.00	310.57	0.05	
	Marc	00	WTAS	2.00	96.00	06:21	17:45	1631.81	04:40	00:53	43.41	46.34	01:18		5.00	295.91	0.21	02:12
	Math	33	WKAB	2.00	51.00			2299.79	04:16	00:32	43.04	35.18	00:49			308.65	0.02	03:19
	Rena	10	WKGO	6.00	322.00	06:18	17:43	2084.79	04:38	00:37	46.16	35.24	01:05			313.05	0.01	03:00



Description	Target	UOM	ALL_CREWS	Crew B
PRODUCTION				
Waste Moved	120894	tonnes/shift	120894	120894
Prime Ore Moved	18049	tonnes/shift	18049	18049
Ore to Crusher	31975	tonnes/shift	31975	31975
HAUL FLEET UTILIZATION				
U of A	82	%	82	82
Average Fuel Delay	9	mins	9	9
No Operator	13	hrs/shift	13	1607
Blasting	55	mins	55	55
HAUL FLEET PRODUCTIVITY				
Wait @ Bin	04:00	min/Ld	04:00	04:00
Spot time	01:00	min/Ld	01:00	01:00
Underloads (Ore)	25	%	25	25
Underloads (Waste)	7	%	7	7
795 Haul Trucks Average Payload (Waste)	312	tonne	312	312
777 Haul Trucks Average Payload (Waste)	91	tonne	91	91
Queue @ Digger (Waste Shovels)	05:34	min/Ld	05:34	05:34
Queue @ Digger (Ore Shovels)	03:57	min/Ld	03:57	03:57
LOADING FLEET UTILIZATION				
No Operator	0	hrs/shift	0	25
U of A	63	%	63	63
SHOVEL PRODUCTIVITY				
Wait on Trucks (Waste Shovels)	03:17	min/Ld	03:17	03:17
Wait on Trucks (Ore Shovels)	04:42	min/Ld	04:42	04:42
Load time EX06	05:48	min/Ld	05:48	05:48
Load time SH01	03:19	min/Ld	03:19	03:19
Load time SH02	04:15	min/Ld	04:15	04:15
Load time SH03	02:06	min/Ld	02:06	02:06
Load time SH04	01:53	min/Ld	01:53	01:53
Load time SH05	03:24	min/Ld	03:24	03:24
Load time SH07	04:13	min/Ld	04:13	04:13
Load time L012	01:51	min/Ld	01:51	01:51
Load time L020	03:12	min/Ld	03:12	03:12
SHIFT CHANGE				
First Hour Production	10416	BCM	10416	10416
Last Hour Production	11583	BCM	11583	11583
Shift Change	10	mins	10	10

From

Date

2022-01-05



Shift

Day Shift



To

Date

2022-01-12



Shift

Day Shift



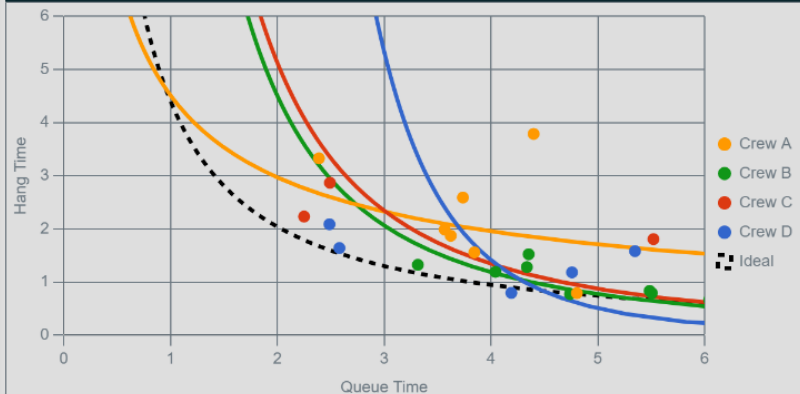
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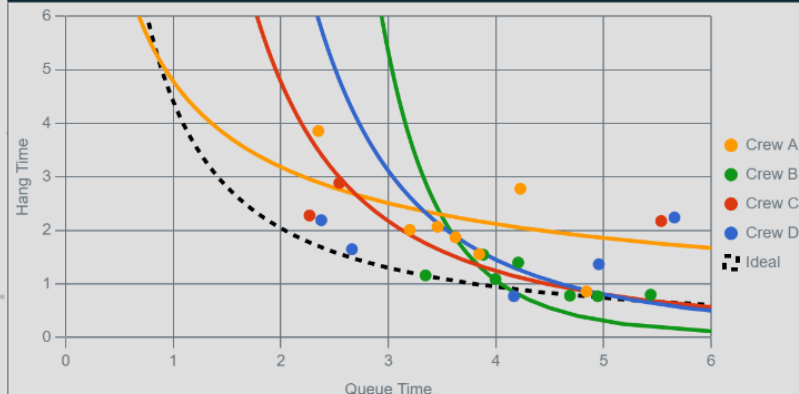
Performance KPI's

	Target	All Crews	Crew A	Crew B	Crew C	Crew D		Target	All Crews	Crew A	Crew B	Crew C	Crew D
Num. of Shifts	0.0	23.0	7.0	8.0	3.0	5.0	Num. of Shifts	0.0	23.0	7.0	8.0	3.0	5.0
Num. of Loads	0.0	12470.0	3636.0	4033.0	1671.0	3130.0	Num. of Loads	0.0	12470.0	3636.0	4033.0	1671.0	3130.0
Use of Availability (Shovel)	0.0%	73.0%	71.7%	69.8%	76.6%	77.4%	Truck wait at Dump (mins/cycle)	0.3	0.3	0.2	0.2	0.3	0.4
Use of Availability (Trucks)	0.0%	81.2%	79.6%	81.6%	79.1%	84.2%	Truck wait at Crusher (mins/cycle)	5.5	6.5	7.3	6.5	4.2	6.2
Dispatch Net Efficiency	85.0%	85.8%	85.4%	85.6%	86.7%	86.1%	Stopped Empty Count per shift	350.0	341.0	304.0	323.0	376.0	398.0
Tonnes by Km per Oper hr (Trucks)	2000.0	2048.4	2016.4	1939.4	2170.2	2175.8	Truck Standby (hrs/shift)	34.0	43.2	48.5	44.4	37.5	37.5
Truck wait at Shovel (% NOH)	6.0%	7.0%	6.4%	8.3%	5.4%	6.8%	Wenco System KPI's	Target	All Crews	Crew A	Crew B	Crew C	Crew D
Truck wait at Shovel (mins/cycle)	3.0	3.8	3.5	4.6	3.1	3.7	Num. of Shifts	0.0	23.0	7.0	8.0	3.0	5.0
Shovel Wait (% NOH)	35.0%	17.8%	23.2%	12.0%	22.7%	16.0%	Truck on Alternative Route	1000.0	1304.7	1388.4	1319.5	1107.0	1282.6
Shovel Wait (mins/cycle)	2.0	1.8	2.4	1.2	2.5	1.5	GPS Missed Dispatch Beacon	30.0	45.5	59.1	34.4	33.7	51.4
dispatcherScorecardKpis.240	1.3%	1.2%	1.5%	1.0%	1.2%	1.1%	dispatcherScorecardKpis.540	0.0	0.0	0.0	0.0	0.0	0.0
							No Access Beacon	1.0	1.3	3.3	1.0	0.0	0.0
							No Route to Shovel	0.1	0.2	0.7	0.0	0.0	0.0
							Missing badge number	0.5	0.3	0.6	0.1	0.0	0.2
							No route defined for truck	80.0	28.7	60.6	10.8	8.0	25.2
							Ore dumped at waste dump	0.3	0.6	0.7	0.4	1.3	0.2
							Waste dumped at Stockpile	0.0	0.0	0.0	0.1	0.0	0.0
							Truck off route	1000.0	928.9	988.1	920.1	770.0	955.2

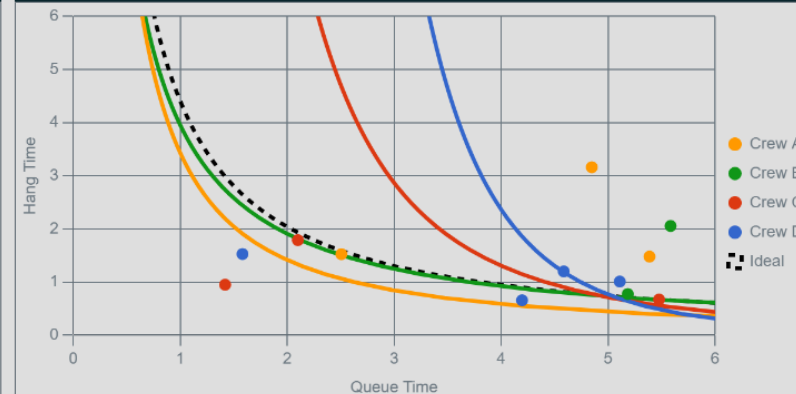
Truck and Shovel Wait



Truck and Shovel Wait (Waste)



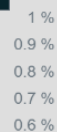
Truck and Shovel Wait (Ore)



Empty Truck Assignments

Cycle Activity Initiation

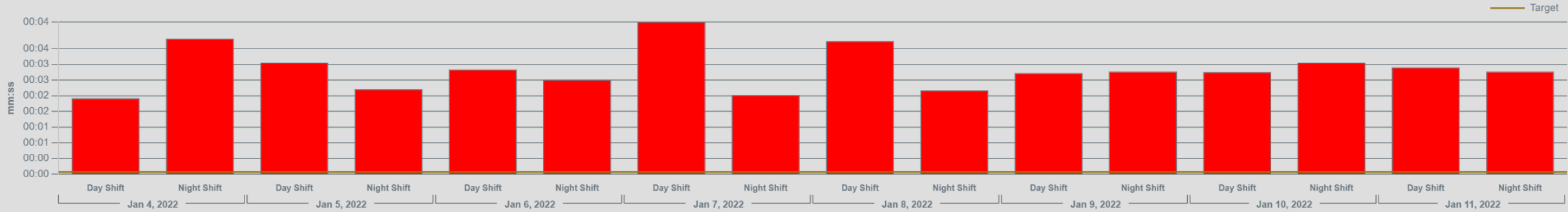
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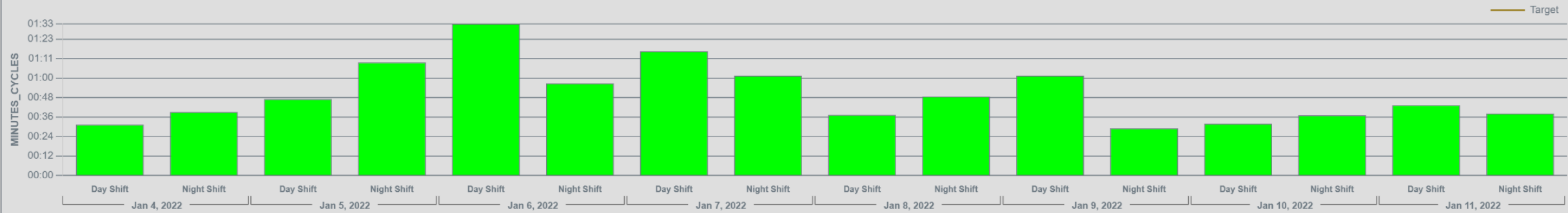
Hauling Units



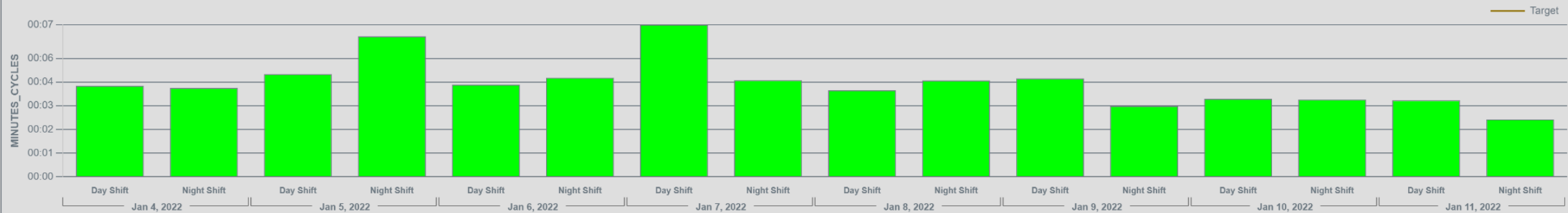
Circle Check H Owner: Pit Supervisor



Not Required S.L.E.H Owner: Dispatcher



Fuelling/Lube Owner: Dispatcher



Blasting Owner: Crew Supervisor

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[illegible]

Configuration Utility

SIC Loading Unit Targets



Fixed Kpis

Status Management

Reorder	KPI ID	KPI Name	Included on Summary	Included on Chart	Group Separator	Target	UOM	Color Threshold	Original Value
≡	10	# Of shifts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0.00 <=> 0.00 0.0000	#	0.0 % Better when lower	0.0000
≡	20	Num of Loads	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0.00 <=> 0.00 0.0000	#	0.0 % Better when lower	
≡	50	Average Last Load/Dump Time	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	18:29 <=> 19:38 19:04	HH:mm		
≡	52	Average Last Dump Time	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	18:29 <=> 19:38 19:04	HH:mm		
≡	60	Average First Load/Dump Time	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	07:34 <=> 08:03 07:49	HH:mm		
≡	62	Average First Load Time	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	07:34 <=> 08:03 07:49	HH:mm	3.0 % Better when lower	07:49
≡	70	Avg Tonnes Loaded or Dumped in First Hour (tonnes)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	630.00 <=> 770.00 700.0000	wTons	10.0 % Better when lower	700.0000
≡	71	Ore - Avg Tonnes Dumped in First Hour	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10790.10 <=> 13187.90 11989.0000	wTons	10.0 % Better when lower	11989.0000
≡	72	Waste - Avg Tonnes Dumped in First Hour	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5807.70 <=> 7098.30 6453.0000	wTons	10.0 % Better when lower	6453.0000
≡	75.1	Num of Load/Dump First hr	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7.00 <=> 13.00 10.0000	#	30.0 % Better when lower	10.0000
≡	75.2	Num of Load/Dump First hr	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1.05 <=> 1.95 1.5000	#	30.0 % Better when lower	1.5000
≡	80	Avg Tonnes Loaded or Dumped in Last Hour	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	540.00 <=> 660.00 600.0000	wTons	10.0 % Better when lower	600.0000
≡	81	Ore - Avg Tonnes Loaded or Dumped in Last Hour	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12456.90 <=> 15225.10 13841.0000	wTons	10.0 % Better when lower	13841.0000
≡	82	Waste - Avg Tonnes Loaded or Dumped in Last Hour	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8571.60 <=> 10476.40 9524.0000	wTons	10.0 % Better when lower	9524.0000
≡	85.1	Num of Load/Dump Last hr	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7.00 <=> 13.00 10.0000	#	30.0 % Better when lower	10.0000
≡	85.2	Num of Load/Dump Last hr	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.05 <=> 1.95 1.5000	#	30.0 % Better when lower	1.5000
≡	100	Dumping at Waste Dump (mins/cycle)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	00:53 <=> 01:06 01:00	mm:ss	10.0 % Better when lower	01:00
≡	110	Dumping at Stockpile (mins/cycle)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	00:53 <=> 01:06 01:00	mm:ss	10.0 % Better when lower	01:00
≡	120	Dumping at Breaker (mins/cycle)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	01:11 <=> 01:28 01:20	mm:ss	10.0 % Better when lower	01:20
≡	150	Queue at Waste Dump (mins/cycle)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	01:02 <=> 01:17 01:10	mm:ss	10.0 % Better when lower	01:10

Configuration Utility
Truck Scorecard Targets

Add New Status

Remove Status

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Clear Changes

Save Changes