 Print this page

EMPLOYEE WORK HISTORY

PAGE: 1

DATE: 01/31/17

REQUEST BY: OPPI148

TIME: 10:18

PROGRAM ID: PSTRA07

NAME: (b) (6), (b) (7)(C)

NUMBER: (b) (6), (b) (7)(C)

START DATE: 01/01/17 END DATE: 01/31/17 SORT BY CENTRAL DATE/TIME: N

LOCAL EFFECTIVE	FUNCTION	CENTRAL DATE/TIME	TRAIN SYMB	ST/RC	CIRC7	BOARD	CREW	POS	TERM
01/01-16:40P	MARKUP	01/01-18:40		LS0	OT161	XE21	0010	ENG	
01/03-07:00P	OUTB STRT	01/03-09:00	DH30	03 AV0	OT161	RE21	EP15	ENG	OT161
01/03-07:00P	PHON CALL	01/03-09:01	DH30	03 AV0					
01/03-09:00P	FILL	01/03-09:00	DH30	03 OK0	OT161	XE21	0010	ENG	
01/03-09:00P	CALL CDS	01/03-09:01	DH30	03 ODO	OT161	RE21	EP15	ENG	OT161
01/03-09:00P	TAXI REQ	01/03-09:12	DH30	03 ODO					
01/03-12:14P	QUAL 1828	01/03-14:14		ODO					
01/03-12:14P	QUAL SHK	01/03-14:14		ODO					
01/03-12:18P	TIE UP	01/03-14:16	DH30	03 OK0	OT161	RE21	EP15	ENG	OS141
01/04-05:30P	CALL	01/04-05:32	METHK	04 ODO	OT161	RE21	EP15	ENG	OS141
01/04-18:50P	QUICK TIE	01/04-20:47	METHK	04 OK0	OT161	RE21	EP15	ENG	OT161
01/06-12:45P	OUTB STRT	01/06-14:45	MHKS	05 AV0	OT161	DE21	MU01	ENG	OT161
01/06-12:45P	PHON CALL	01/06-14:46	MHKS	05 AV0					
01/06-14:45P	FILL	01/06-14:45	MHKS	05 OK0	OT161	XE21	0010	ENG	
01/06-14:45P	CALL CDC	01/06-14:46	MHKS	05 ODO	OT161	DE21	MU01	ENG	OT161
01/06-15:21P	QUAL 1839	01/06-17:21		ODO					
01/06-15:21P	QUAL SEP	01/06-17:21		ODO					
01/06-23:50P	TIE UP	01/07-01:48	MHKS	05 OK0	OT161	DE21	MU01	ENG	OT161
01/08-18:42P	OUTB STRT	01/08-20:42	GSKAET	07 AV0	OT161	RE21	EP05	ENG	OT161
01/08-18:42P	PHON CALL	01/08-21:11	GSKAET	07 AV0					
01/08-18:44P	PHON CALL	01/08-21:11	GSKAET	07 AV0					
01/08-18:46P	PHON CALL	01/08-21:11	GSKAET	07 AV0					
01/08-18:48P	PHON CALL	01/08-21:11	GSKAET	07 AV0					
01/08-18:50P	PHON CALL	01/08-21:11	GSKAET	07 AV0					
01/08-18:51P	PHON CALL	01/08-21:11	GSKAET	07 AV0					
01/08-18:54P	PHON CALL	01/08-21:11	GSKAET	07 AV0					
01/08-18:54P	PHON CALL	01/08-21:11	GSKAET	07 AV0					
01/08-19:20P	PHON CALL	01/08-21:20	GSKAET	07 AV0					
01/08-19:21P	COMMENTS	CREW DISP COMMENT CHANGED TO :							
01/08-19:21P	PHON CALL	01/08-21:21	GSKAET	07 AV0					
01/08-19:23P	LAYOFF	01/08-21:23	GSKAET	07 MC2	OT161	XE21	0010	ENG	
01/08-19:23P	PENALTY	01/08-21:23	GSKAET	07 MC	OT161	XE21	0010	ENG	
01/08-19:23P	MISS CALL	01/08-21:23		MC	OT161	XE21	0010	ENG	
01/08-19:23P	DESELECT	01/08-21:31		MC2	OT161	XE21	0010	ENG	
01/08-19:30P	CANCEL PE	01/08-21:30	GSKAET	07 MC	OT161	XE21	0010	ENG	
01/08-19:32P	TRK TERM	01/08-21:32		OK0	OT161	XE21	0010	ENG	
01/08-20:40P	OUTB FAIL	01/08-21:11	GSKAET	07 AV0					
01/08-20:40P	OUTB UNDO	01/08-21:22	GSKAET	07 OK0	OT161	RE21	EP05	ENG	
01/08-20:40P	CALL	01/08-22:49	GSKAET	07 ODO	OT161	RE21	EP05	ENG	OT161
01/08-21:00P	TRK INIT	01/08-21:25	GSKAET	07 MC2	OT161	XE21	0010	ENG	
01/08-21:00P	TRK TERM	01/08-21:30		MC2	OT161	XE21	0010	ENG	
01/08-21:31P	TRK INIT	01/08-21:31	GSKAET	07 MC2	OT161	XE21	0010	ENG	
01/08-21:31P	OVERRIDE	01/08-21:32	GSKAET	07 OK0	OT161	RE21	EP05	ENG	
01/08-21:31P	CALL	01/08-21:32	GSKAET	07 ODO	OT161	RE21	EP05	ENG	OT161
01/08-21:31P	UNDO CALL	01/08-22:49	GSKAET	07 OK0	OT161	RE21	EP05	ENG	
01/08-21:31P	OVERRIDE	01/08-22:49	GSKAET	07 OK0	OT161	RE21	EP05	ENG	
01/09-02:03P	REPOSITIO	01/09-02:03		ODO	OT161	RE21	EP05	ENG	

01/09-07:31P QUAL 1839 01/09-09:31 ODO
 01/09-07:31P QUAL SEP 01/09-09:31 ODO
 01/09-07:33P TIE UP 01/09-09:31 GSKAET 07 OK0 OT161 RE21 EP05 ENG OS141

EMPLOYEE WORK HISTORY

PAGE: 2

DATE: 01/31/17
TIME: 10:18

REQUEST BY: OPPr148
PROGRAM ID: PSTR407

NAME: (b)(6), (b)(7)(C) (DAN) NUMBER: (b)(6), (b)(7)(C)

START DATE: 01/01/17 END DATE: 01/31/17 SORT BY CENTRAL DATE/TIME: N

LOCAL EFFECTIVE	FUNCTION	CENTRAL DATE/TIME	TRAIN SYMB	ST/RC	CIRC7	BOARD	CREW	POS	TERM
01/10-15:00P	CALL	01/10-14:54	QETHK	09 ODO	OT161	RE21	EP05	ENG	OS141
01/10-22:58P	QUAL 1839	01/11-00:58		ODO					
01/10-22:58P	QUAL SEP	01/11-00:58		ODO					
01/10-23:00P	TIE UP	01/11-00:58	QETHK	09 OK0	OT161	RE21	EP05	ENG	OT161
01/11-19:09P	DENY LOFF	01/11-21:09		PL0	OT161	XE21	0010	ENG	
01/11-19:11P	LAYOFF	01/11-21:11		LS0	OT161	XE21	0010	ENG	
01/12-00:25P	TRK INIT	01/12-00:26	5WSKSKW	11 LS0	OT161	XE21	0010	ENG	
01/12-00:25P	TRK TERM	01/12-00:40		LS0	OT161	XE21	0010	ENG	
01/12-00:25P	TRK INIT	01/12-00:41	5WSKSKW	11 LS0	OT161	XE21	0010	ENG	
01/12-00:25P	TRK TERM	01/12-01:14		LS0	OT161	XE21	0010	ENG	
01/12-00:25P	TRK INIT	01/12-01:15	5WSKSKW	11 LS0	OT161	XE21	0010	ENG	
01/12-00:25P	TRK TERM	01/12-01:34		LS0	OT161	XE21	0010	ENG	
01/12-00:25P	TRK INIT	01/12-01:36	5WSKSKW	11 LS0	OT161	XE21	0010	ENG	
01/12-00:25P	LOST WORK	01/12-02:45	5WSKSKW	11 LS0	OT161	XE21	0010	ENG	
01/12-00:47P	TRK TERM	01/12-02:45	5WSKSKW	11 LS0	OT161	XE21	0010	ENG	
01/12-19:11P	MARKUP	01/12-21:11		LS0	OT161	XE21	0010	ENG	
01/15-02:02P	OUTB STRT	01/15-04:02	WSKSKW	15 AV0	OT161	WE22	WWW1	ENG	OT161
01/15-02:02P	PHON CALL	01/15-04:03	WSKSKW	15 AV0					
01/15-04:00P	FILL	01/15-04:01	WSKSKW	15 OK0	OT161	XE21	0010	ENG	
01/15-04:00P	CALL	01/15-04:03	WSKSKW	15 ODO	OT161	WE22	WWW1	ENG	OT161
01/15-18:40P	QUICK TIE	01/15-20:39	WSKSKW	15 OK0	OT161	WE22	WWW1	ENG	OT161
01/16-23:51P	OUTB STRT	01/17-01:51	WSKSKW	17 AV0	OT161	WE22	WWW1	ENG	OT161
01/16-23:51P	PHON CALL	01/17-01:52	WSKSKW	17 AV0					
01/17-01:50P	FILL	01/17-01:50	WSKSKW	17 OK0	OT161	XE21	0010	ENG	
01/17-01:50P	CALL	01/17-01:52	WSKSKW	17 ODO	OT161	WE22	WWW1	ENG	OT161
01/17-01:50P	TAXI REQ	01/17-01:56	WSKSKW	17 ODO					
01/17-16:25P	QUICK TIE	01/17-18:24	WSKSKW	17 OK0	OT161	WE22	WWW1	ENG	OT161
01/19-05:26P	OUTB STRT	01/19-07:26	WSKSKW	19 AV0	OT161	WE21	WW01	ENG	OT161
01/19-05:26P	PHON CALL	01/19-07:29	MWSKSKW	19EAV00					
01/19-05:28P	PHON CALL	01/19-07:29	WSKSKW	19 AV0					
01/19-07:00P	FILL	01/19-07:00	WSKSKW	19 OK0	OT161	XE21	0010	ENG	
01/19-07:25P	CALL	01/19-07:29	WSKSKW	19 ODO	OT161	WE21	WW01	ENG	OT161
01/19-07:25P	TAXI REQ	01/19-07:36	WSKSKW	19 ODO					
01/19-22:50P	QUICK TIE	01/20-00:48	WSKSKW	19 OK0	OT161	WE21	WW01	ENG	OT161
01/20-12:51P	OUTB STRT	01/20-14:51	METHK	18 AV0	OT161	DE21	MU01	ENG	OT161
01/20-12:51P	PHON CALL	01/20-14:52	METHK	18 AV0					
01/20-14:45P	CALL CDC	01/20-14:52	METHK	18 ODO	OT161	DE21	MU01	ENG	OT161
01/20-14:45P	TAXI REQ	01/20-15:03	METHK	18 ODO					
01/21-02:04P	TIE UP	01/21-04:02	METHK	18 OK0	OT161	DE21	MU01	ENG	OT161
01/21-12:35P	OUTB STRT	01/21-14:35	MHKET	19 AV0	OT161	RE21	MU01	ENG	OT161
01/21-12:35P	PHON CALL	01/21-14:36	MHKET	19 AV0					
01/21-14:30P	CALL	01/21-14:36	MHKET	19 ODO	OT161	RE21	MU01	ENG	OT161
01/21-22:51P	QUAL 1839	01/22-00:51		ODO					
01/21-22:51P	QUAL SEP	01/22-00:51		ODO					
01/21-22:51P	TIE UP	01/22-00:51	MHKET	19 OK0	OT161	RE21	MU01	ENG	OS141
01/23-00:45P	CALL	01/23-00:46	OEOT5	23 ODO	OT161	RE21	MU01	ENG	OS141
01/23-07:50P	QUAL 1839	01/23-09:50		ODO					

01/23-07:50P QUAL SEP 01/23-09:50 ODO
 01/23-07:52P TIE UP 01/23-09:50 OEOT5 23 OK0 OT161 RE21 MU01 ENG OT161
 01/24-02:45P OUTB STRT 01/24-04:45 GSKAET 22 AV0 OT161 RE21 MU04 ENG OT161

EMPLOYEE WORK HISTORY

PAGE: 3

DATE: 01/31/17

REQUEST BY: OPPr148

TIME: 10:18

PROGRAM ID: PSTR407

NAME: (b) (6), (b) (7)(C) NUMBER: (b) (6), (b) (7)(C)

START DATE: 01/01/17 END DATE: 01/31/17 SORT BY CENTRAL DATE/TIME: N

LOCAL EFFECTIVE	FUNCTION	CENTRAL DATE/TIME	TRAIN SYMB	ST/RC	CIRC7	BOARD	CREW	POS	TERM
01/24-02:45P	PHON CALL	01/24-04:46	GSKAET	22 AV0					
01/24-02:47P	PHON CALL	01/24-04:47	GSKAET	22 AV0					
01/24-02:47P	PHON CALL	01/24-04:48	GSKAET	22 AV0					
01/24-02:47P	PHON CALL	01/24-04:48	GSKAET	22 AV0					
01/24-04:45P	FILL	01/24-04:45	GSKAET	22 OK0	OT161	XE21	0010	ENG	
01/24-04:45P	CALL	01/24-04:48	GSKAET	22 ODO	OT161	RE21	MU04	ENG	OT161
01/24-17:18P	QUICK TIE	01/24-19:15	GSKAET	22 OK0	OT161	RE21	MU04	ENG	OS141
01/25-18:30P	CALL	01/25-18:36	2QETHK	24 ODO	OT161	RE21	MU04	ENG	OS141
01/25-18:38P	QUAL 1839	01/25-20:38		ODO					
01/25-18:38P	QUAL SEP	01/25-20:38		ODO					
01/26-05:54P	QUAL 1839	01/26-07:54		ODO					
01/26-05:54P	QUAL SEP	01/26-07:54		ODO					
01/26-05:55P	TIE UP	01/26-07:54	2QETHK	24 OK0	OT161	RE21	MU04	ENG	OT161
01/27-08:30P	OUTB STRT	01/27-10:30	QETHK	25 AV0	OT161	RE23	SE05	ENG	OT161
01/27-08:30P	PHON CALL	01/27-10:31	QETHK	25 AV0					
01/27-08:31P	PHON CALL	01/27-10:32	QETHK	25 AV0					
01/27-10:30P	FILL	01/27-10:30	QETHK	25 OK0	OT161	XE21	0010	ENG	
01/27-10:30P	CALL	01/27-10:32	QETHK	25 ODO	OT161	RE23	SE05	ENG	OT161
01/28-01:11C	EMP PHONE	01/28-01:11		ODO					
01/27-23:25P	QUICK TIE	01/28-01:25	QETHK	25 OK0	OT161	RE23	SE05	ENG	OX591
01/28-20:15P	OUTB STRT	01/28-22:15	DH32	28 AV0	OT161	RE23	SE05	ENG	OX591
01/28-20:15P	PHON CALL	01/28-22:16	DH32	28 AV0					
01/28-21:45P	CALL CDS	01/28-22:16	DH32	28 ODO	OT161	RE23	SE05	ENG	OX591
01/29-04:48C	EMP PHONE	01/29-04:48		ODO					
01/29-08:33P	QUAL 1828	01/29-10:33		ODO					
01/29-08:33P	QUAL SHK	01/29-10:33		ODO					
01/29-08:35P	TIE UP	01/29-10:35	DH32	28 OK0	OT161	RE23	SE05	ENG	OT161
01/29-18:39P	DENY LOFF	01/29-20:39		PL0	OT161	XE21	0010	ENG	
01/29-18:41P	LAYOFF	01/29-20:41M		ELS00	OT161	XE21	0010	ENG	
01/29-21:01P	TRK INIT	01/29-21:01	DH33	29 LS0	OT161	XE21	0010	ENG	
01/29-21:01P	LOST WORK	01/30-08:56	DH33	29 LS0	OT161	XE21	0010	ENG	
01/30-18:41P	MARKUP	01/30-20:41		LS0	OT161	XE21	0010	ENG	
01/30-18:41P	OUTB STRT	01/30-20:41	MSKHK	30 AV0	OT161	RE23	MU03	ENG	OT161
01/30-18:41P	PHON CALL	01/30-20:42	MSKHK	30 AV0					
01/30-20:41P	CALL	01/30-20:42	MSKHK	30 ODO	OT161	RE23	MU03	ENG	OT161

NO MORE RECORDS FOR THIS CRITERIA

END OF REPORT

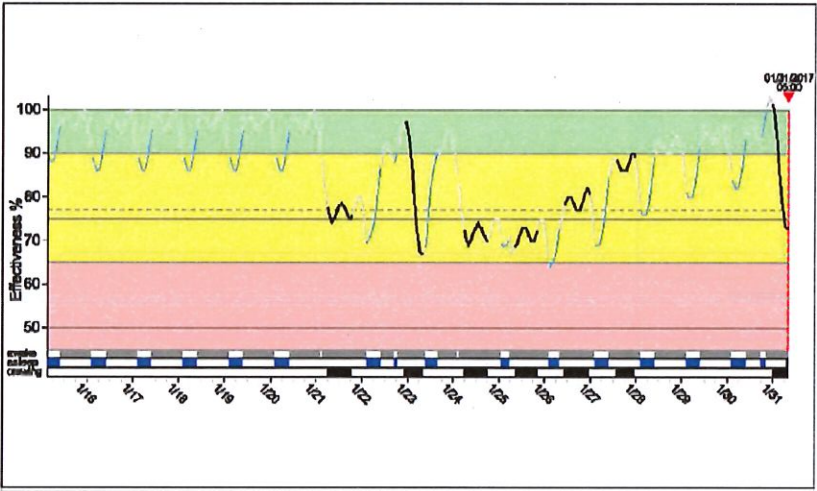
Report for Analysis of: FE-2017-04 - Fatality

FRA Case #	Employee Code	Job Title	Investigator
FE-2017-04	C1	Conductor	Kevin Pannell
Train Symbol	Railroad Name	Home Station	
MSKHK 30	Union Pacific	Spokane	
Call Time Home	Call Time Away	Commute Time Home	Commute Time Away
90	90	30	30
Incident Date	Incident Time		
20170131	05:00		
Criterion	Green Minimum	Yellow Minimum	Events
77	90	65	1
Work Periods	Average Work Period	Sleep Interval	Average Sleep Interval
7	11h 5m	15	5h 52m
Notes			

Events

DAY	DATE	TIME	EVENT TYPE	DESCRIPTION	EFFECTIVENESS	PERFORMANCE FACTORS							
						34H Sleep	S Debt	ST	Lapses Index	SACE	H/Ykts	TUD	Phase
Tue	01/31/2017	05:00	Incident		73.52	5.02	6.43	136.02	4.4	0.06	11.33	05:00	2.5

Effectiveness for Entire Schedule



Hours of Service

DAY	DATE	START	END	DURATION	TYPE	MOVE	WGL	RT	SAGE	Lapse	EFFECTIVENESS					Chart
											Start	End	Avg	Min	Max	
Sat	01/21/2017	03:00	15:45	12h 45m	Duty	HA	0.6%	130.8%	> 0.05	3.8	77	76	76.45	75	78	
Sun	01/22/2017	19:00	05:00	10h 0m	Duty	AH	0.45%	124.85%	< 0.05	3.1	97	87	81.6	87	97	
Tue	01/24/2017	03:00	15:00	12h 0m	Duty	HA	1%	139.75%	0.08	4.85	71	70	71.8	70	74	
Wed	01/25/2017	08:30	17:08	11h 38m	Duty	AH	1%	140.28%	0.08	4.9	69	73	71.35	69	73	
Thu	01/26/2017	07:35	20:45	13h 10m	Duty	HA	0%	126.5%	0.05	3.3	79	80	79.1	77	82	
Fri	01/27/2017	10:30	20:15	9h 45m	Duty	AH	0%	114.2%	< 0.05	1.85	88	89	87.6	86	90	
Mon	01/30/2017	20:42	05:00	8h 18m	Duty	HA	0.35%	121.4%	< 0.05	2.7	100	73	83.45	73	100	

Sleep Intervals

DAY	DATE	START TIME	END TIME	DURATION	LOCATION	ENVIRONMENT
Wed	01/18/2017	00:00	07:01	7h 1m	Home	Excellent
Wed	01/18/2017	23:01	07:01	8h 0m	Home	Excellent
Thu	01/19/2017	23:01	07:01	8h 0m	Home	Excellent
Fri	01/20/2017	23:01	00:29	1h 28m	Home	Excellent
Sat	01/21/2017	23:01	07:01	8h 0m	Away	Excellent
Sun	01/22/2017	13:59	15:59	2h 0m	Away	Excellent
Mon	01/23/2017	08:28	13:01	8h 33m	Home	Excellent
Mon	01/23/2017	23:01	00:29	1h 28m	Home	Excellent
Tue	01/24/2017	22:29	02:59	4h 30m	Away	Excellent
Wed	01/25/2017	23:01	05:04	6h 3m	Home	Excellent
Thu	01/26/2017	23:01	07:01	8h 0m	Away	Excellent
Fri	01/27/2017	23:01	07:01	8h 0m	Home	Excellent
Sat	01/28/2017	23:01	07:01	8h 0m	Home	Excellent
Sun	01/29/2017	23:01	07:01	8h 0m	Home	Excellent
Mon	01/30/2017	14:41	17:41	3h 0m	Home	Excellent

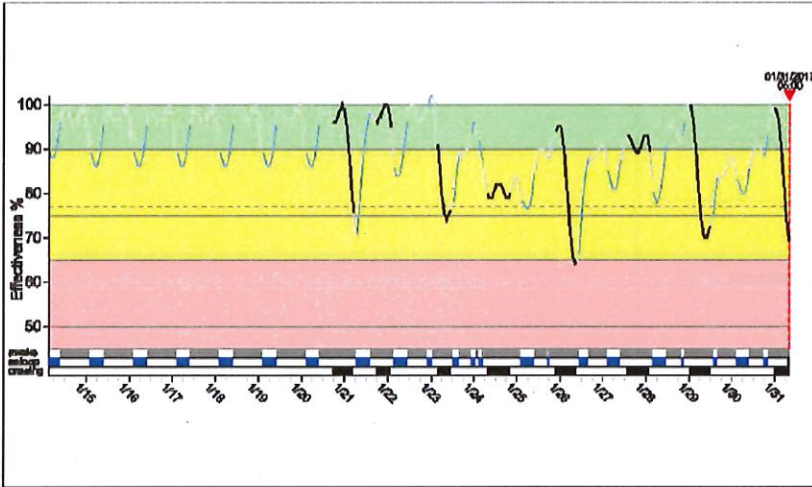
Report for Analysis of: FE-2017-04 - Fatality

FRA Case #	Employee Code	Job Title	Investigator
FE-2017-04	E1	Engineer	Kevin Pannell
Train Symbol	Railroad Name	Home Station	
MSKHK 30	Union Pacific	Spokane	
Call Time Home	Call Time Away	Commute Time Home	Commute Time Away
90	90	30	30
Incident Date	Incident Time		
20170131	05:00		
Criterion	Green Minimum	Yellow Minimum	Events
77	90	65	1
Work Periods	Average Work Period	Sleep Intervals	Average Sleep Interval
8	10h 21m	19	5h 39m
Notes			

Events

DAY	DATE	TIME	EVENT TYPE	DESCRIPTION	EFFECTIVENESS	FATIGUE FACTORS							
						24H Sleep	8 Hr Shift	RT	Lapses Index	SACE	H Value	TOD	Phase
Tue	01/31/2017	06:00	Incident		69.41	6.02	7.14	144.05	6.38	> 0.06	11.35	05:00	2.85

Effectiveness for Entire Schedule



Hours of Service

DAY	DATE	START	END	DURATION	TYPE	MOVE	WGL	EFFECTIVENESS								
								RT	SAGE	Lapse	Start	End	Avg	Min	Max	
Fri	01/20/2017	14:45	02:04	11h 19m	Duty	HA	0.05%	100.2%	NA	1.25	98	74	92.35	74	99	
Sat	01/21/2017	14:30	22:51	8h 21m	Duty	HA	0%	102.46%	NA	0.5	96	82	97.65	82	100	
Mon	01/23/2017	00:45	07:52	7h 7m	Duty	AH	0.55%	128.35%	0.05	3.5	88	77	78.15	74	88	
Tue	01/24/2017	04:45	17:18	12h 33m	Duty	HA	0%	124.46%	< 0.05	3.05	79	80	80.4	79	82	
Wed	01/25/2017	18:30	05:55	11h 25m	Duty	AH	0.4%	128.9%	< 0.05	3.35	94	85	80.65	84	95	
Fri	01/27/2017	10:30	28:28	12h 58m	Duty	HA	0%	109.85%	NA	1.35	93	87	91.1	87	93	
Sat	01/28/2017	21:45	08:35	10h 50m	Duty	AH	0.55%	127.05%	0.05	3.35	99	73	79.9	70	99	
Mon	01/30/2017	20:41	05:00	8h 19m	Duty	HA	0.3%	119.85%	< 0.05	2.5	99	89	84.9	89	99	

Sleep Intervals

DAY	DATE	START TIME	END TIME	DURATION	LOCATION	ENVIRONMENT
Tue	01/17/2017	00:00	07:01	7h 1m	Home	Excellent
Tue	01/17/2017	23:01	07:01	8h 0m	Home	Excellent
Wed	01/18/2017	23:01	07:01	8h 0m	Home	Excellent
Thu	01/19/2017	23:01	07:01	8h 0m	Home	Excellent
Sat	01/21/2017	03:32	11:32	8h 0m	Away	Excellent
Sun	01/22/2017	00:19	08:19	8h 0m	Away	Excellent
Sun	01/22/2017	18:44	21:44	3h 0m	Away	Excellent
Mon	01/23/2017	09:20	13:01	3h 41m	Home	Excellent
Mon	01/23/2017	19:01	22:21	3h 20m	Home	Excellent
Mon	01/23/2017	23:01	02:14	3h 13m	Home	Excellent
Tue	01/24/2017	23:01	07:01	8h 0m	Away	Excellent
Wed	01/25/2017	13:59	15:29	1h 30m	Away	Excellent
Thu	01/26/2017	07:23	13:01	5h 38m	Home	Excellent
Thu	01/26/2017	23:01	07:01	8h 0m	Home	Excellent
Sat	01/28/2017	00:53	08:53	8h 0m	Away	Excellent
Sat	01/28/2017	16:44	18:44	2h 0m	Away	Excellent
Sun	01/29/2017	10:09	13:01	2h 58m	Home	Excellent
Sun	01/29/2017	23:01	07:01	8h 0m	Home	Excellent
Mon	01/30/2017	14:40	17:40	3h 0m	Home	Excellent

Fatigue Analysis Questionnaire

Inspector Name: KEVIN PANNELL	Region: 8	FRA File Number: FE-2017-04	
Railroad Code: UP	Train ID: MSKHK 30	Date of Incident: 31 JAN 2017	Time of Incident: 0500

(if applicable)

Employee Name: **SCHNEIDER, JOHN P.** Occupation: **C1** Home Terminal: **SPOKANE**
(For FRA inspector use only; the name will NOT be entered into any database) (Last, First, Middle Initial) (code from below)

Years in current position: **12**

Code	Occupation and activity
E1	Locomotive engineer - 1 st train in report
SE1	Student engineer - 1 st train in report
C1	Conductor - 1 st train in report
T1	Other train service employee - 1 st train in report
CE1	Conductor is qualified engineer and was operating 1 st train in report
RC1	Remotely controlled locomotive operator - 1 st train in report
E2	Locomotive engineer - 2 nd train in report <i>(Code List would continue as illustrated for any other crew members in 2nd and successive trains in FRA report)</i>
RW	Roadway worker
D1	Train dispatcher on duty when overlapping authority was created
D2	Train dispatcher on duty when overlapping authority resulted in collision <i>(use code D1 if dispatcher creating and on-duty when collision occurred were the same person).</i>
M	Mechanical department employee
O	Any railroad employee not listed above

Note: When collecting information on fatally injured employees, you are NOT required to respond to "Specific Employee Interview Information", but must provide duty records and should answer the following questions.

1) What is the commute time of this assignment? _____

2) Does this employee have a sleep disorder? **No** .
 (Answer "No" if unknown)

2a) If "Yes", is the employee being treated for it? _____

2b) Provide proper name of sleep disorder: _____

Fatigue Analysis Questionnaire

3) Is this a regular assignment for the employee? Yes

4) Was employee notified by call? Yes

4a) Call time for assignment: 1.5
(e.g. 1.5 hrs, 2 hrs, etc)

Specific Employee Interview Information for this Accident/Incident

1) Normal bedtime and hours of sleep

Time this employee would normally go to sleep (military time): _____

Sleep duration (unless pattern was disturbed by a call to duty): _____

2) Quality of rest prior to reporting for duty on the day this accident / incident occurred.: _____

Enter ONE of the following:

Excellent (best sleep in familiar surroundings)

Good (sleep in unfamiliar surroundings)

*Fair (sleep in a bed but interrupted by noisy surroundings)

*Poor (sleep in a chair or other less comfortable furniture)

*Enter narrative ONLY if employee rest quality was fair or poor.

3) Napping

Does the employee normally take naps? _____

If yes is it a habitual or occasional thing? _____

If habitual, when are naps taken and how long do they normally last? _____

If occasional, provide as much detail as the employee can recall: _____

*Did this employee nap within eight-hours of going on-duty? _____

*Did this employee nap at any time prior to the accident / incident? _____

**Enter narrative information only if the employee answered "Yes", making sure to indicate the date(s) and time(s) of the nap to the best of the employee's recollection.*

Fatigue Analysis Questionnaire

4) What was the employee's alertness level just prior to the accident / incident, check the appropriate box.

Very Sleepy

Very Alert

1

2

3

4

5

Enter narrative data ONLY if employee gives a rating of 1, 2, or 3; or if another person said this employee appeared to be sleepy. _____

If the employee said he or she was in the 1, 2, or 3 range, ask them if they did anything to alleviate their condition (fatigue countermeasures). _____

Get specific information about the countermeasures they are aware of, and which of those they employed.

Typical Countermeasures include:

Napping - either before reporting for duty or while on duty.

Caffeine - coffee, soft drinks, tablets, etc.

Crew Resource Management such as interaction with other employees.

OTC, or other alertness enhancing drugs.

If another crew member said this employee was sleepy, ask why they thought so and if they, working as a crew, used any fatigue countermeasures to alleviate the condition. Get specific.

If the other person was other than a crew member, explain where that person was, what they were doing, and why they believe this employee was sleepy.

5) Do you, or any other FRA investigator, have any information (other than noted in question 4 above), indicating this employee was drowsy just prior to the accident or incident? No

If yes, enter narrative: _____

Note: If you are also completing the questionnaire required by General Bulletin G-02-01 - Prescription and Over-the-Counter Medication Questionnaire, use that information to complete this question.

5) Did the employee recently take prescription or over-the-counter medication(s)? (If the answer is yes, please provide the name of the medication[s]) _____

Fatigue Analysis Questionnaire

For the tables below, enter data beginning with the date and time of the accident/incident and work backwards (work history- 10 calendar days, sleep history 3 calendar days)

Work history

Enter the beginning and ending times and dates from the hours of duty record(s) provided by the railroad for this employee. Validate those times by asking the employee if the records are correct. Make certain that time on duty begins when the employee reports for duty and ends when the employee is finally released from duty, and includes deadhead times prior to, during, and after the duty tour. (The employee must be “free to come and go as he/she pleases”.) Use military time.

Movement: H-H = Home to Home, H-A = Home to Away, A-H = Away to Home

<u>On-Duty Date</u>	<u>On-Duty Time</u>	<u>Off-Duty Date</u>	<u>Off-Duty Time</u>	<u>Movement</u>
1) Jan 10, 2017	0005	Jan 10, 2017	1218	A-H
2) Jan 17, 2017	0807	Jan 17, 2017	1446	H-A
3) Jan 19, 2017	2130	Jan 20, 2017	0345	A-H
4) Jan 21, 2017	0300	Jan 21, 2017	1545	H-A
5) Jan 22, 2017	1900	Jan 23, 2017	0500	A-H
6) Jan 24, 2017	0300	Jan 24, 2017	1500	H-A
7) Jan 25, 2017	0530	Jan 25, 2017	1705	A-H
8) Jan 26, 2017	0735	Jan 26, 2017	2045	H-A
9) Jan 27, 2017	1030	Jan 27, 2017	2015	A-H
10) Jan 30, 2017	2042	Jan 31, 2017	0500	H-A

Sleep History

The “Auto-sleep” function of the fatigue software will be the default. Do NOT enter any “Sleep” activity unless the employee does remember their actual sleep times. Experience indicates employees seldom, if ever, remember more than the past 3-days of sleep, so the interview should only focus only on that past 3-day period. Use military time.

<u>Begin Sleep Date</u>	<u>Begin Sleep Time</u>	<u>End Sleep Date</u>	<u>End Sleep Time</u>
1) <input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
2) <input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
3) <input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>

Fatigue Analysis Questionnaire

Print Form

Inspector Name: Kevin Pannell	Region: 8	FRA File Number: FE-2017-04	
Railroad Code: UP	Train ID: MSKHK 30	Date of Incident: Jan 31, 2017	Time of Incident: 0500

(if applicable)

Employee Name: (b) (6), (b) (7)(C) Occupation: **E1** Home Terminal: **Spokane**
(For FRA inspector use only; the name will NOT be entered into any database) (Last, First, Middle Initial) (code from below) Years in current position: **12**

Code	Occupation and activity
E1	Locomotive engineer - 1 st train in report
SE1	Student engineer - 1 st train in report
C1	Conductor - 1 st train in report
T1	Other train service employee - 1 st train in report
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E2	Locomotive engineer - 2 nd train in report <i>(Code List would continue as illustrated for any other crew members in 2nd and successive trains in FRA report)</i>
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D1	Train dispatcher on duty when overlapping authority was created
D2	Train dispatcher on duty when overlapping authority resulted in collision <i>(use code D1 if dispatcher creating and on-duty when collision occurred were the same person).</i>
M	Mechanical department employee
O	Any railroad employee not listed above

Note: When collecting information on fatally injured employees, you are NOT required to respond to "Specific Employee Interview Information", but must provide duty records and should answer the following questions.

1) What is the commute time of this assignment? _____

2) Does this employee have a sleep disorder? **No**
(Answer "No" if unknown)

2a) If "Yes", is the employee being treated for it? _____

2b) Provide proper name of sleep disorder: _____

Fatigue Analysis Questionnaire

3) Is this a regular assignment for the employee? Yes

4) Was employee notified by call? Yes

4a) Call time for assignment: 1.5
(e.g. 1.5 hrs, 2 hrs, etc)

Specific Employee Interview Information for this Accident/Incident

1) Normal bedtime and hours of sleep

Time this employee would normally go to sleep (military time): _____

Sleep duration (unless pattern was disturbed by a call to duty): _____

2) Quality of rest prior to reporting for duty on the day this accident / incident occurred.: _____

Enter ONE of the following:

Excellent (best sleep in familiar surroundings)

Good (sleep in unfamiliar surroundings)

*Fair (sleep in a bed but interrupted by noisy surroundings)

*Poor (sleep in a chair or other less comfortable furniture)

*Enter narrative ONLY if employee rest quality was fair or poor.

3) Napping

Does the employee normally take naps? _____

If yes is it a habitual or occasional thing? _____

If habitual, when are naps taken and how long do they normally last? _____

If occasional, provide as much detail as the employee can recall: _____

*Did this employee nap within eight-hours of going on-duty? _____

*Did this employee nap at any time prior to the accident / incident? _____

**Enter narrative information only if the employee answered "Yes", making sure to indicate the date(s) and time(s) of the nap to the best of the employee's recollection.*

Fatigue Analysis Questionnaire

4) What was the employee's alertness level just prior to the accident / incident, check the appropriate box.

Very Sleepy

Very Alert

1

2

3

4

5

Enter narrative data ONLY if employee gives a rating of 1, 2, or 3; or if another person said this employee appeared to be sleepy. _____

If the employee said he or she was in the 1, 2, or 3 range, ask them if they did anything to alleviate their condition (fatigue countermeasures). _____

Get specific information about the countermeasures they are aware of, and which of those they employed.

Typical Countermeasures include:

Napping - either before reporting for duty or while on duty.

Caffeine - coffee, soft drinks, tablets, etc.

Crew Resource Management such as interaction with other employees.

OTC, or other alertness enhancing drugs.

If another crew member said this employee was sleepy, ask why they thought so and if they, working as a crew, used any fatigue countermeasures to alleviate the condition. Get specific.

If the other person was other than a crew member, explain where that person was, what they were doing, and why they believe this employee was sleepy.

5) Do you, or any other FRA investigator, have any information (other than noted in question 4 above), indicating this employee was drowsy just prior to the accident or incident?

No

If yes, enter narrative: _____

Note: If you are also completing the questionnaire required by General Bulletin G-02-01 - Prescription and Over-the-Counter Medication Questionnaire, use that information to complete this question.

5) Did the employee recently take prescription or over-the-counter medication(s)? (If the answer is yes, please provide the name of the medication[s]) _____

Fatigue Analysis Questionnaire

For the tables below, enter data beginning with the date and time of the accident/incident and work backwards (work history- 10 calendar days, sleep history 3 calendar days)

Work history

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Movement: H-H = Home to Home, H-A = Home to Away, A-H = Away to Home

<u>On-Duty Date</u>	<u>On-Duty Time</u>	<u>Off-Duty Date</u>	<u>Off-Duty Time</u>	<u>Movement</u>
1) Jan 17, 2017	0150	Jan 17, 2017	1625	H-H
2) Jan 19, 2017	0725	Jan 19, 2017	2250	H-H
3) Jan 20, 2017	1445	Jan 21, 2017	0204	H-A
4) Jan 21, 2017	1430	Jan 21, 2017	2251	H-A
5) Jan 23, 2017	0045	Jan 23, 2017	0752	A-H
6) Jan 24, 2017	0445	Jan 24, 2017	1718	H-A
7) Jan 25, 2017	1830	Jan 26, 2017	0555	A-H
8) Jan 27, 2017	1030	Jan 27, 2017	2325	H-A
9) Jan 28, 2017	2145	Jan 29, 2017	0835	A-H
10) Jan 30, 2017	2041	Jan 31, 2017		H-A

Sleep History

The “Auto-sleep” function of the fatigue software will be the default. Do NOT enter any “Sleep” activity unless the employee does remember their actual sleep times. Experience indicates employees seldom, if ever, remember more than the past 3-days of sleep, so the interview should only focus only on that past 3-day period. Use military time.

<u>Begin Sleep Date</u>	<u>Begin Sleep Time</u>	<u>End Sleep Date</u>	<u>End Sleep Time</u>
1) <input style="width: 90%;" type="text"/>	<input style="width: 90%;" type="text"/>	<input style="width: 90%;" type="text"/>	<input style="width: 90%;" type="text"/>
2) <input style="width: 90%;" type="text"/>	<input style="width: 90%;" type="text"/>	<input style="width: 90%;" type="text"/>	<input style="width: 90%;" type="text"/>
3) <input style="width: 90%;" type="text"/>	<input style="width: 90%;" type="text"/>	<input style="width: 90%;" type="text"/>	<input style="width: 90%;" type="text"/>