

TRAIN H-BARLAC1-02A

WORK ORDER 3729

03/02/21 @ 16:32:20 PT

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      WW          WW      000      RRRRRR   KK   KK
      WW          WW      000 000   RR   RR   KK   KK
      WW   W     WW      000   000   RR   RR   KK   KK
      WW  WWW   WW      00   00   RR   RR   KKKK
      WW W W WW      000   000   RRRRR   KK   KK
      WWW WWW      000 000   RR   RR   KK   KK
      W   W          000      RR   RR   KK   KK

    000      RRRRRR   DDDD      EEEEEEE   RRRRRR      SSSS
    000 000   RR   RR   DD DDD   EE          RR   RR      SS  SS
    000   000   RR   RR   DD  DD   EE          RR   RR      SS
    00     00   RR   RR   DD  DD   EEEEEEE   RR   RR      SSS
    000   000   RRRRR   DD  DD   EE          RRRRR      SSS
    000 000   RR   RR   DD DDD   EE          RR   RR      SS  SS
    000      RR   RR   DDDD      EEEEEEE   RR   RR      SSSS

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H-BARLAC1-02A @ BARSTOW, CA

CREW: Conductor - TJ ELLIS
 Brakeman - _____
 Brakeman - AT DEMBICKIE
 Engineer - LC BETANCOURT

H-BARLAC1-02A @ BARSTOW, CA

Exceptions _____

This page may be used as a Fax Cover sheet if required to fax work into Service Support.

Total Pages faxed INCLUDING cover sheet _____

REPORTED TO _____ DATE: _____ TIME: _____

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TRACK DATA

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Locomotive Engineer Train Profile for <H-BARLAC1-02A> at <BARSTOW CA> (Tons per Operative Brake = 114.8)	

HAZARDOUS TRAIN MAKEUP VERIFIED BY SYSTEM DEPARTING BARSTOW CA
>>>> NO EXCEPTIONS <<<<

Train H-BARLAC1-02A ETD from BARSTOW CA 03/02/21 1830 1 hr 58 min ahead

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***** Speed Restricted Cars *****
*                               L                               *
* Seq Init Number Knd E Content Speed *
* 24 CRDX 3014 CMP E 45 MPH *
*****

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TONS									
135*	X	XXXXXX	X	XX	X	X XXX			XX
131	X	XXXXXX	X	XX	XXX	X XXX	X X		XX X
110	X X	XXXXXXXXXX	XXX	XX XXX	XXXXXXXX	X XXX	XXX X		XXXXXXXX
100	XXXXXXXXX	XXXXXXXXXX	XXX	XX XXX	XXXXXXXXXX	X	XXXXXXXXXX		XXXXXXXX
90	XXXXXXXXXX	XXXXXXXXXX	XXX	XXXXXX	XXXXXXXXXX	XXXXXXXXXX			XXXXXXXX
80	XXXXXXXXXX	XXXXXXXXXX	XXX	XXXXXX	XXXXXXXXXX	XXXXXXXXXX			XXXXXXXX
70	XXXXXXXXXX	XXXXXXXXXX	XXX	XXXXXX	XXXXXXXXXX	XXXXXXXXXX			XXXXXXXX
60	XXXXXXXXXX	XXXXXXXXXX	XXX	XXXXXX	XXXXXXXXXX	XXXXXXXXXX			XXXXXXXX
50	XXXXXXXXXX	XXXXXXXXXX	XXX	XXXXXX	XXXXXXXXXX	XXXXXXXXXX			XXXXXXXX
45	XXXXXXXXXX	XXXXXXXXXX	XXX	XXXXXX	XXXXXXXXXX	XXXXXXXXXX			XXXXXXXX
40	XXXXXXXXXX	XXXXXXXXXX	XXX	XXXXXX	XXXXXXXXXX	XXXXXXXXXX			XXXXXXXX
30	XXXXXXXXXX	XXXXXXXXXX	XXX	XXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX		XXXXXXXXXX

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25 XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX
22 XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX
TTON          1099          2435          3599          4818          5990          6994
LSAN          SSSSSSS
EOC  E EEEEE E  E          E EE    E E EEEEEEEEEEE EEEEEEEEE     EE E E
TLTH          591          1068          1671          2305          2937          3511
SPEED
                     4
                     5
HIWI

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135*   X      X  XX X
131   XX     X  XX X
110  XXX XX X  XX  XXXXXX
100  XXX XX X  XX  XXXXXX X
 90  XXX XXXX  XX  XXXXXX X
 80  XXX XXXX  XXXXXXXXXXXX X
 70  XXX XXXX  XXXXXXXXXXXX X
 60  XXX XXXX  XXXXXXXXXXXX X
 50  XXX XXXX  XXXXXXXXXXXX X
 45  XXX XXXX  XXXXXXXXXXXX X
 40  XXX XXXX  XXXXXXXXXXXX X
 30  XXXXXXXXXXXX XXXXXXXXXXXX X
 25  XXXXXXXXXXXX XXXXXXXXXXXX X
 22  XXXXXXXXXXXX XXXXXXXXXXXX X
TTON          7956          9186          9295
LSAN          S
EOC          EEEEE E
TLTH          4103          4730          4798
SPEED

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HIWI

Above profile listed from HEAD END to REAR END
Tons per operative brake calculation is accurate only
if all air brake control values are cut in.

Loco	Loco	HP	AvLHP	Dyn	Opr	R	Cum	Loco	Loco	D	E
Init	Numb	Model		Brk	Dyn	LXA	Axl	Dir	Isolation	OB	C M
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
BNSF	8156%	ES44C4	4400	4400	8 EF+	Y	6	WEST	RUN	RUN	Y
BNSF	6240%	ES44AC	4400	4400	10 EF+	Y	12	WEST	RUN	RUN	Y
BNSF	7226%	ES44DC	4400	4400	8 EF+	Y	18	EAST	RUN	RUN	Y
BNSF	7760%	ES44DC	4400	4400	8 EF+	Y	348	EAST	RUN	RUN	Y
BNSF	3751%	ET44C4	4400	4400	8 EF+	Y	354	EAST	RUN	RUN	Y
Totals			22000	22000							

All trains must be equipped with an operative event recorder.
If determined that it is not, for any reason, contact
Mechanical Help Desk, NOC - Ft Worth, and be governed by
instructions received.

The 'Opr Dyn Brk' column above indicates only whether or not

dynamic brakes have been reported as defective. This column does not provide any information regarding dynamic brakes that may be cut out to comply with dynamic brake axle restrictions.

Totals - 73 Loads 9295 Tons 4798 Feet
 8 Emptys 0 Isol 366 Loco
 81 Cars 9295 Total Tons 5164 Total Length
 0 RSSM Car Count

Actual HpT = 2.3 (22000 HP/9295 tons)
 Scheduled HpT = 3.0

 * 0/40 THROTTLE LIMIT APPLIES: DO NOT USE THROTTLE WHEN OVER 40MPH *

 * PTC Consist Information *
 * Adjusted *
 * Locomotive Count (NO DP) : 5 ----- *
 * Trailing Tonnage (CARS ONLY) : 9295 ----- *
 * Operative Brake Count : 81 ----- *
 * Axle Count (CARS ONLY) : 324 ----- *
 * Total Length : 5164 ----- *
 * Loaded Car Count : 73 ----- *
 * Empty Car Count : 8 ----- *

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L Long (80 feet or longer)
 S Short (45 feet or less)
 A Articulated Multi-Platform
 N Non-Articulated Multi-Platform
 E End Of Car Cushioning

Loco Isolation:

**** Indicates change of isolation status required before departure.
 VTR - LIR reporting required if changing locomotive(s) isolation status to other than what is indicated above.
 INB = Inbound Isolation Status
 OB = Outbound Isolation Status
 RUN = Loco is ON-LINE for power - Run 1-8
 ISO = Loco is OFF-LINE for power - Run 1-8 (dynamic brakes may or may not be cut-in)
 DEAD = Loco is DEAD due to mechanical defect

Dyn Brk:

Dyn Brk Range: E - Extended N - Not equipped
 B - Basic D - Dynamic brake equipped, RANGE UNKNOWN
 S - Standard
 Dyn Brk System: F - Flat T - Tapered
 N - Not equipped D - Dynamic equipped, TYPE UNKNOWN

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Inspections for <H-BARLAC1-02A>

WORK ORDER 3729

**** ATTENTION CONDUCTOR ****

<<<<<<<<<< REQUIRED INSPECTIONS TO BE PERFORMED >>>>>>>>>

After inspection completed, if inspection specified below is a Class 1 or Class 1A, record that inspection information in TRAIN INSPECTION HISTORY section in the spaces provided (also report the inspection made by conductor for Class 1 or 1A via VTR). If inspection was not performed, contact your Dispatcher prior departure for guidance.

Location	Inspection Type	To Be Performed By
BARSTOW, CA	Class 1 Air Brake	Carman or Conductor

TRAIN INSPECTION HISTORY

Location	Inspection Type	NAME/ID	DATE/TIME	#CARS
BARSTOW, CA	Class 1 Air Brake			

Class 1 air brake test and ETD test information

The originating Class 1 air brake test record is stored in the electronic records of Class 1 inspections on TRAIN INSPECTION HISTORY.

The intermediate Class 1A air brake test record is stored in the electronic records of Class 1A inspections on TRAIN INSPECTION HISTORY.

All Air Slips are stored electronically; contact the Mechanical Desk if a copy is requested by the FRA.

Coal trains are considered 'Cycle Trains' and may be operated up to 3,000 miles before an additional Class 1 Inspection is required. This does not exclude the requirement for intermediate inspections and tests (Class 1A). Crews will be notified when cycle train inspections are required (other than when adding cars en route).

Note: ETD test information provided only if performed by other than a member of the crew. The number of cars indicated in the TRAIN INSPECTION HISTORY are not required to correspond to the number of cars currently in your train due to setouts and pickups en route or due to the 'car count' method for multi-platform equipment used by the inspector.

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90 CFM Waiver train Docket Number FRA-2012-0091

() Train has operated under the conditions of the 90 CFM Permanent waiver as outlined in Air Brake and Train Handling Rules.

PREVIOUS AIR BRAKE PROBLEMS ENCOUNTERED AND/OR CARS WITH AIR CUT OUT
Should additional air brake defects be discovered
en route, note the defects on blank spaces
provided and leave this document for relieving crew.

Table with 7 columns: Location/Comments, Milepost, Date, Time, Car Init, Car Number, Defect Description, Set Out

H-BARLAC1-02A - PAGE 5 OF 54 - WORK ORDER 3729
 <H-BARLAC1-02A> Train list with Hazardous Manifest 03/02/21
 BARSTOW CA Cars in this train are counted from front to rear 18:32

Train H-BARLAC1-02A ETD from BARSTOW CA 03/02/21 1830 1 hr 58 min ahead

***** Speed Restricted Cars *****
 * L *
 * Seq Init Number Knd E Content Speed *
 * 24 CRDX 3014 CMP E 45 MPH *

Head End	HP	AvLHP	Dyn Brk	Opr Dyn Brk	LXA Eqp	Cum Axl	Tons	Loco Dir	Online Destin	D E C M
BNSF 8156%	4400	4400	8 EF+	Y	Y	6	210	WEST	VERNCA	Y
BNSF 6240%	4400	4400	10 EF+	Y	Y	12	210	WEST	VERNCA	Y
BNSF 7226%	4400	4400	8 EF+	Y	Y	18	210	EAST	VERNCA	Y
Total	13200	13200				18	630			
Incl DPUs	13200	13200								

Actual HPT = 9.9 (0 HP/0 tons)
 Scheduled HpT = 3.0

Seq Num	Init Number	Car L Knd E	Contnt WantDy	Online Destin	J T RAJP	Grs Ton	Consignee	Final City	Dest St	CumL AxleC
Block LMC	Setout	LAMIRADA	CA							
1 CSXT	142639	A63 L	PRTPPR	LAMIRA		103	INTLPAPER	LAMIRADA	CA	22E

2	CSXT	130686	A63	L	PRTPPR	LAMIRA	103	INTLPAPER	LAMIRADA	CA	26
3	TOFX	887031	ABE	L	PRTPPR	LAMIRA	109	INTLPAPER	LAMIRADA	CA	30E
4	AOK	409148	ABE	L	PRTPPR	LAMIRA	108	INTLPAPER	LAMIRADA	CA	34E
5	FBOX	502759	ABE	L	PRTPPR	LAMIRA	107	INTLPAPER	LAMIRADA	CA	38E
6	TR	100240	ABE	L	PRTPPR	LAMIRA	109	INTLPAPER	LAMIRADA	CA	42E
7	HS	2855	A76	L	PRCLBD	LAMIRA	140	HOMEDPUSA	LAMIRADA	CA	46E
8	CSXT	129737	A23	L	FBRBRD	LOSANG	96	WESTROCPLLC	LOSANGELE	CA	50
9	TBOX	665391	ACF	L	PRTPPR	LAMIRA	129	INTLPAPER	LAMIRADA	CA	54E
10	NS	412685	A23	L	FBRBRD	SANFES	95	INTLPAPER	SANFESPRI	CA	58
11	NS	450771	A63	L	PRTPPR	LAMIRA	108	INTLPAPER	LAMIRADA	CA	62E
12	SDWX	10016	C3G	L	CEMENT	LAMIRA	140	CEMEXCONMATP	LAMIRADA	CA	66
13	CMEY	110662	C3G	L	CEMENT	LAMIRA	138	CEMEXCONMATP	LAMIRADA	CA	70
14	CMEY	130135	C3G	L	CEMENT	LAMIRA	139	CEMEXCONMATP	LAMIRADA	CA	74
15	SDWX	9840	C3G	L	CEMENT	LAMIRA	141	CEMEXCONMATP	LAMIRADA	CA	78
16	CMEY	150110	C3G	L	CEMENT	LAMIRA	141	CEMEXCONMATP	LAMIRADA	CA	82
17	NRLX	32590	C3G	L	CEMENT	LAMIRA	142	CEMEXCONMATP	LAMIRADA	CA	86
18	AOKX	498011	C3G	L	CEMENT	LAMIRA	127	CEMEXCONMATP	LAMIRADA	CA	90
19	LRS	1096	ABF	L	FBRBRD	SANFES	118	INTLPAPER	SANFESPRI	CA	94
20	ATW	19622	ACE	L	FBRBRD	SANFES	142	INTLPAPER	SANFESPRI	CA	98E
21	ATW	19640	ACE	L	FBRBRD	SANFES	126	INTLPAPER	SANFESPRI	CA	102E
22	TBOX	675243	ACF	L	FBRBRD	SANFES	130	INTLPAPER	SANFESPRI	CA	106E
23	CRGX	8230	T97	L	VEGOIL	FULLCA	130	CARGILL	FULLERTON	CA	110
24	CRDX	3014	CMP	E	CEMENT	LOSANG	28	SESCOCEMENT	LOSANGELE	CA	114
25	TILX	293459	T6I	L	SBOIL	LOSANG	143	PREMIEF000IL	LOSANGELE	CA	118
26	GATX	215715	T6I	L	SBOIL	LOSANG	142	PREMIEF000IL	LOSANGELE	CA	122
27	WC	27951	A6C	L	FBRBRD	SANFES	91	INTLPAPER	SANFESPRI	CA	126E
28	BNSF	781103	I3E	L	FBRBRD	LOSANG	128	WESTROCPLLC	LOSANGELE	CA	130
29	SP	228953	AB6	L	FBRBRD	BUEPAR	120	STATESLOGSER	BUEPARK	CA	134
30	FBOX	504820	ABE	L	FBRBRD	LAMIRA	126	GEORGICORLLC	LAMIRADA	CA	138E

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31	TTZX	865927	FI8	L	LUMBER	SANFES	133	HUFFLBR	SANFESPRI	CA	142E
32	TBOX	660093	ACF	L	VENEER	LAMIRA	136	HOMEDPUSA	LAMIRADA	CA	146E
33	NOKL	572071	ABE	L	FBRBRD	LOSANG	131	WESTROCPLLC	LOSANGELE	CA	150E
34	NOKL	571918	ABE	L	FBRBRD	LOSANG	129	WESTROCPLLC	LOSANGELE	CA	154E
35	NOKL	571757	ABE	L	FBRBRD	LOSANG	120	WESTROCPLLC	LOSANGELE	CA	158E
36	COER	171057	ACF	L	FBRBRD	LOSANG	124	WESTROCPLLC	LOSANGELE	CA	162E
37	UCRY	15655	BBE	L	FBRBRD	LOSANG	106	WESTROCPLLC	LOSANGELE	CA	166E
38	BAYL	90252	A6E	L	FBRBRD	LOSANG	104	WESTROCPLLC	LOSANGELE	CA	170E
39	ATW	14141	ABE	L	FBRBRD	LOSANG	97	WESTROCPLLC	LOSANGELE	CA	174E
40	AOK	19119	AC6	L	PRCLBD	LAMIRA	139	HOMEDPUSA	LAMIRADA	CA	178E
41	AOK	19164	AC6	L	PRCLBD	LAMIRA	139	HOMEDPUSA	LAMIRADA	CA	182E
42	AOK	19135	AC6	L	PRCLBD	LAMIRA	139	HOMEDPUSA	LAMIRADA	CA	186E
43	AOK	19064	AC6	L	PRCLBD	LAMIRA	139	HOMEDPUSA	LAMIRADA	CA	190E
44	NS	473038	ABE	L	PRTPPR	LAMIRA	106	INTLPAPER	LAMIRADA	CA	194E
45	NOKL	600085	ACF	L	FBRBRD	LOSANG	127	WESTROCPLLC	LOSANGELE	CA	198E
46	FBOX	502539	ABE	L	FBRBRD	LOSANG	113	WESTROCPLLC	LOSANGELE	CA	202E
47	TBOX	666267	ACF	L	PRTPPR	LAMIRA	133	INTLPAPER	LAMIRADA	CA	206E
48	TBOX	642811	ACF	L	FBRBRD	SANFES	109	INTLPAPER	SANFESPRI	CA	210E

Block Totals 48 Cars 47 Loads 1 Empties 5823 Tons 2828 Feet

Block VRNLA Setout VERNON CA

49	NOKL	827339	CJG	L	WHEAT	VERNCA	133	GENLMILLS	VERNON	CA	214
50	UTLX	642032	T98	E	HAZMAT	LOSANG	34	AMVACCHEMICA	LOSANGELE	CA	218

CM CORROSIVE

DS DO NOT SPOT FOR LDG OTHER THAN HAZARDOUS LAST CONTAINED

1 TK //

0 LB