

How does a crew know what to do?

Experience!



Train Procedures!



Train Procedures – Durlin Branch

Train No 22 - Chama to Flint Mixed Daily	Train No 23 - Flint to Chama Mixed Daily
<p>Chama</p> <ul style="list-style-type: none"> • Check consist; cars destined only for: Carrumba, Flint • perform air brake test • obtain clearance from dispatcher • sign and check train register <p>Grandt Line Junction</p> <ul style="list-style-type: none"> • ensure switch is lined for branch <p>Cresco</p> <ul style="list-style-type: none"> • water stop for all T and C class locomotives <p>Carrumba</p> <ul style="list-style-type: none"> • station stop; water stop • set off helper locomotive • spot cars for: Carrumba • pull cars for: Flint • turn train - caboose on east end, locomotive on west end (running tender first) • perform air brake test • obtain clearance from dispatcher • sign and check train register <p>Flint</p> <ul style="list-style-type: none"> • pull cars for: Carrumba, Fritz Park, Resin Creek, Durlin, Durango, Alamosa, Chama • spot cars for: Flint • turn locomotive • assemble train with caboose on west end, engine on east end (tender first to Carrumba) <p>Turn over for return trip procedures</p>	<p>Flint</p> <ul style="list-style-type: none"> • Check consist; cars destined only for: Carrumba, Fritz Park, Resin Creek, Durlin, Durango, Alamosa, Chama • assemble train with locomotive running in reverse on east end of train and caboose on the west end (rear). • perform air brake test • obtain clearance from dispatcher <p>Carrumba</p> <ul style="list-style-type: none"> • drop cars in spur for: Carrumba, Fritz Park, Resin Creek, Durlin • pull cars for: Durango, Alamosa, Chama • water stop for locomotive • turn train - caboose on east end; locomotive on west end • perform air brake test • obtain clearance from dispatcher • sign and check train register <p>Toltec Gorge</p> <ul style="list-style-type: none"> • permanent slow order - 5mph <p>Cresco</p> <ul style="list-style-type: none"> • 10 minute stop to cool wheels <p>Grandt Line Junction</p> <ul style="list-style-type: none"> • stop and call Chama Yard Master requesting main line for passenger unloading • line switch for branch <p>Chama</p> <ul style="list-style-type: none"> • pull passenger car to depot, make station stop • sign train register • cut off and run locomotive to service facilities • take on coal, water, clean the fire and tie locomotive up in the engine house

- Covers the trip from terminal to terminal
- Describes the activity or what is to be done at each point on the RR
- Does not describe how to do it
- Does not grant authority to occupy mainline

More Paper

- **A paper train wallet for model railroad train crews**
- Paper issued by the dispatcher through operators to train crews:
 - Clearance Cards
 - Form 19 and 31, and Form MB (era dependent)
- Paper used at fixed locations to keep track of trains
 - Dispatcher's Train Sheet and Train Order Book
 - Station Train Registers

The train wallet (no known prototype)

Extra Eastward/Westward Turn
Freight Chama to Durlin & return

D&RGW

Decoder
DSX Tsunami

Headlight: F 0 F 0
Class Lamps F 1 F 1
Whistle - L F 2 F 2
Whistle - S F F 3
Bell F 3 F 4
Pop/Blowdown F 4 F

Whistle Signals

Sound	Indication
o	Apply brakes. Stop
--	Proceed
- 000	Flagman protect rear of train
----	Flagman return from west
-----	Flagman return from east
---	Train has parted
o o	Release brakes. Answer to any signal not otherwise provided for
o o o	When standing: back up When running: stop at next station
-- o -	Approaching public crossings at grade
-	Approaching stations
-- o	Approaching meeting or waiting points
o -	Inspect train line for leaks or sticking brakes
Many short sounds	Warning to persons or livestock on the tracks
- o	Warning at places where view is obstructed. Answer to a yellow flag

WESTWARD			DURLIN BRANCH			EASTWARD			
SECOND CLASS	FIRST CLASS		Miles from Denver	Sub-Division 12-A	Stations Time Table No.4 March 1 2007	Miles from Grandt. Line Jct.	Car Capacity Sidings	FIRST CLASS	SECOND CLASS
23 Flint Mixed	123 Durlin Passenger	115 San Juan & New Mexico Express						116 San Juan & New Mexico Express	124 Durlin Passenger
Leave Daily	Leave Daily	Leave Daily					Arrive Daily	Arrive Daily	
	9:26am		383.2	DI	DURLIN	BCPRTW X	45	Yard	4:28pm
	9:32am		378.1		RESIN CREEK	P	38	2	4:18pm
	9:46am		374.3		FRITZ PARK	BP	31.9	7	4:10pm
2:36pm 4:30pm	9:53am 10:10am		368	Cr	CARRUMBA	BJPRWX Y	27.9	12	3:56pm 3:46pm
			352.1		TOLTEC GORGE				12:05pm 10:50am
4:50pm	10:25am		344		CRESCO				
4:55pm	10:30am	11:50am	340		GRANDT LINE JCT.				
5:01					CHAMA				

Manifold copies will be made for each Conductor. En-Block is Clear Occupied

Orders No. I have
This form is have been di- and
To C & E
A

ROAD NAME D+RGW
CAR NO. BOX 3256
TYPE BOX
Wt. 11 ton

WAYBILL 4
ROUTING
TO ALAMOJA
RCVR KER
FROM DURANGO

LOCOMOTIVE
Road Name D+RGW
Number 375
Class C-25
Wheel Arr. 2-8-0
DSX

CLEARANCE

Extra Freight Chama-Durlin Turn

Chama (yard limits)

- Obtain clearance from dispatcher
- Service engine -drop ashes, take water, coal, sand
- Check consist: cars for Carrumba, Fritz Park, Resin Creek and Durlin only
- Perform air brake test
- Check train register, sign register
- OS dispatcher on departure

Grandt Line Junction - Line switch for branch

CRESCO - Water stop for T-12 and C class engines

Toltec Gorge - Slow order 5mph

Carrumba (yard limits)

- Check train order board, obtain clearance
- Water stop for all engines; cut off helper engine
- Sign and check train register
- Spot cars for Carrumba, pull cars for Fritz Park, Resin Creek and Durlin
- OS dispatcher on departure from Carrumba

Fritz Park

- Spot cars for Fritz Park, pull Resin Creek & Durlin
- Set up retainers and run air brake test

Durlin (yard limits)

- OS dispatcher, sign train register
- Service engine and turn
- Spot Durlin cars, pull cars all other destinations
- Obtain orders and clearance from dispatcher
- Perform air brake test
- OS dispatcher on departure

Resin Creek

- Spot Resin Creek cars, pull all other destinations

Fritz Park Fritz Park

- Spot Resin Creek cars, pull cars for Durango, Alamosa, Chama, Flint and Carrumba
- Set up retainers, run air brake test

Carrumba (yard limits)

- Take water, check train order board, obtain clear.
- Pull cars for Durango, Alamosa, Chama; drop cars for Carrumba and Flint in spur
- Set retainers and run air brake test
- Check and sign train register, OS dispatcher

CRESCO - Cool wheels 10 minutes

Grandt Line Jtn. - Call Chama yard for track assignment

Chama (yard limits)

- OS dispatcher, sign register
- Cut off engine, service, and tie up in engine house

Fits in hip, shirt or apron pockets. Uses one 8-1/2 x 11 card stock

No. 115 - Westward
 Alamosa to Durango - daily service connecting with the Train Nos. 123 and 124 at Chama

Alamosa (staging)

- Obtain clearance from dispatcher
- Train is staged on Alamosa Track 2
- Depart per schedule or train order
- OS dispatcher

Grandt Line Junction

- Ensure switch is properly lined

Chama (yard limits)

- Take water, coal and sand
- Station stop on the main for baggage and passenger
- Sign and check train register
- Perform air brake test
- Obtain clearance
- Depart per schedule or train order
- OS dispatcher

Navajo

- Flag stop
- Ensure Parker liftout bridge is in place, connect electrical cable at Durango end

Parker Cutoff

- Permanent 10mph slow order for passenger trains

Durango (staging)

- Pull through crossover onto the main clear of the reverse loop switch
- Replace the bumper pins between rails on either side of Parker Liftout, remove and hang liftout.
- Back train counter clock-wise around reverse loop and hold the main
- OS dispatcher
- Cut off road engine and run it into Alamosa Track 2
- Tie on designated passenger engine from Durango to make up eastward Train No 116
- Leave No 116 on the main track

Train No. 115
San Juan & New Mexico
Express

D&RGW No. _____
 Class: _____ Wheel Arr. _____
 DCC Number: _____
 Headlight: F _____
 Class Lamps F _____
 Whistle - L F _____
 Whistle - S F _____
 Bell F _____
 Pop/Blowdown F _____

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Leave Daily	Leave Daily	Leave Daily			Time Table No.4 March 1 2007				Arrive Daily	Arrive Daily	Arrive Daily
		11:45am	251.7	DI	ALAMOSA	BDKPTX	199.8	Yard	2:50PM		
4:55pm	10:30am	11:50am	340		GRANDT LINE JCT.	JPX	111.5		2:45pm	3:23pm	9:58am
5:01pm	10:35am	11:55am 12:20pm	344.1	Ch	CHAMA	CPTRWX Z	107.4	Yard	2:40pm 2:20pm	3:16pm	9:50am
		12:40pm	377.7		NAVAJO	PW	73.8	10	2:15pm		
		∅	449.1		PARKER/LIFTOUT		2.4		∅		
		12:50pm	451.5		DURANGO	BDKPTX		Yard	2:01pm		
Arrive Daily	Arrive Daily	Arrive Daily							Leave Daily	Leave Daily	Leave Daily

3. Fold lengthwise on center line, then staple pocket through CL

2. Fold tabs over pocket flap and glue

1. Fold up to form pocket