A Modeler's Aid Clinic
Conducted By Bruce Knapp

the Chief — Santa Fe

Cincinnati Division 7
MCR ——— NMRA

Passenger Operations

Santa Fe

How to integrate Passenger Trains into your operating sessions

or

How the Santa Fe Operated Passenger Service

Why Passenger Service?

Santa Fe

Revenue
Advertising
Show off your modeling skills
Add interest
Visitors like passenger trains

You make Walthers and Rapido very happy
You also make local hobby dealers happy

Period and Equipment

Santa Fe

1830 to 1850
Wood cars - usually stage coach bodies

1850 to 1870
Wood cars built for railroad use
Introduce sleeping cars
Introduce air brakes & knuckle couplers

1880 to 1900
Introduce dining cars
Introduce steam heat
Introduce electric lighting
Introduce vestibules and diaphragms

Two Typical Wood Cars

Period and Equipment

1900 to 1930
steel cars become standard
air conditioning introduced
All-reserved "name trains"

1930 to 1970
streamlining introduced
"passenger specific" color schemes common
high speed steam and diesels introduced

1971 to Present
Amtrak formed

Types of Passenger Service

Premier Class [Named Trains]
Normal Service [Named or numbered]
Local Service [locomotive & cars]
Local Service [single unit]

Commuter Service
Mail & Express Trains
Mixed Train Service
Fan Trip [especially steam]

Mixed Train Combine

Famous "Name Trains"

Chief, El Capitan, Super Chief: ATSF
20th Century Limited, Ohio Limited: NYC
Broadway Limited: PRR
The Hummingbird: L&N
City of Los Angeles, City of San Francisco: UP
Empire Builder: GN
The Zephyrs: CB&Q
The Statesman, The George Washington: C&O
The Sunset Limited: SP

These were all extra fare, reserved, first class service
and were a great promotion for the railroads involved

Assigned Locomotives

Steam [1940's to 1960's]
First Class: 4-6-2, 4-6-4, 4-8-2, 4-8-4
Local Service: 4-4-2, 4-6-2, 4-6-4
Mixed Train: 2-8-0, 4-6-0, 2-8-2
Commuter: 4-6-2, 4-6-4

Diesel [1940's to Amtrak]
E Units, F Units, Alco PA's, Geeps [w/steam]
Plus Custom Units

Typical 1940'-1950's Passenger Power

Baldwin Locomotives for the SANTA FE

5010

FAST FREIGHT—length, 100 ft—weight, 931,720 lb—cylinders, 30 in. by 34 in.—working pressure, 310 lb

HIGH SPEED PASSENGER—length, 89 ft—weight, 817,800 lb—cylinders, 23½ in. by 29½ in.—working pressure, 300 lb

Typical 1940's-1950's Diesel Power

Typical 1940's-1950's Diesel Power

Assigned Equipment

Head End [R.P.O., Baggage, Express]

Combines [coach, baggage, RPO]

Sleepers

Diner and/or Lounge

Coach [chair car]

Crew and Service Car

Dome

Observation

Considerations for Operations

How long is your normal passenger run?

Do you run overnight service?

How well is your passenger service patronized?

Do you interchange with other passenger lines?

Do you interchange with buses?

Do you offer 1st class service or reserved day coach?

Does your passenger service all get same status?

Premier Class [Name] Train Assigned Cars

Motive power

Head End Cars

Crew Car

Coaches [optional]

Lounge [optional Dome Lounge]

Diner

Sleepers

Observation [1st class lounge]

Typical First Class

Normal Service Car Assignment

Motive Power
Head End Cars
Crew Car [optional]

Coaches
Food Service Car
Lounge [optional]
Coaches

Sleeper [optional]
Observation [optional]

Other Service Car Assignments

Commuter Service
Motive Power
Head end power [optional]
Commuter coaches [after 1960 bi-level]

Mixed Train Service
Motive Power
Assigned Freight Cars
Coach or Combine
Caboose [optional]

Single Unit Local
Gas-Electric or RDC car

Sources of Information

Official Guide [for your modeled year]
Passenger Timetables
Employee Timetables

Historical Societies
NMRA Library
Railroad Advertising
Cincinnati Railroad Club
NRHS

Local Public Libraries

Scenes of Santa Fe Passenger Service
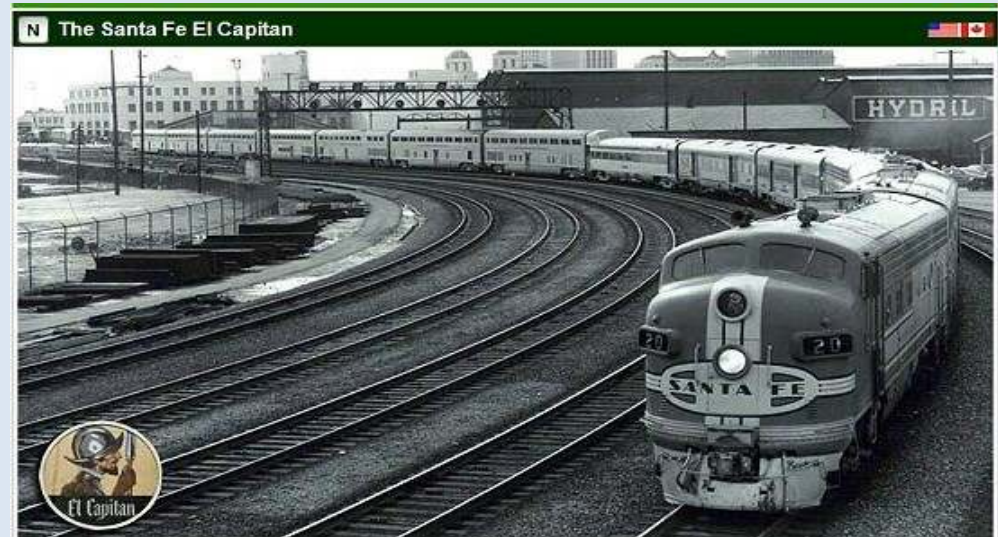
Santa Fe Hotel Supply Car

Two Unit RDC Local

ATSF DC-191, Albuquerque, N.M., April 7, 1967. © William P. Diven

The El Capitan

The Santa Fe El Capitan

Gas-Electric 160

El Capitan Observation Dome

"Super Chief" Big Dome

Santa Fe Blue Goose Hudson

Special Train on Raton Pass

Super Chief in Raton Pass

Raton New Mexico Depot

Super Chief ca. 1943

THE END

QUESTIONS??