



ELECTRONIC TRAIN CONSIST TRANSITION

A Guide for First Responders


Norfolk Southern Hazardous Materials Group

MTR PROVIDES REAL-TIME INFORMATION

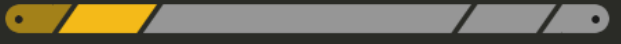
Norfolk Southern (NS) paper train consists are transitioning to a mobile device application called Mobile Train Reporting (MTR) carried by NS train crews.

NS received a US DOT special permit allowing for the use of electronic devices to maintain and communicate train consist information in lieu of paper documentation when hazardous materials are transported by rail. This includes the identification numbers for all rail cars containing hazardous materials, their shipping paper information, and current position in train.

CLICK TO VIEW AN MTR DEMO


Dashboard


377G504




SAVANNAH, GA
MACON, GA


STATUS: OUTBOUNDED

1
Train Consist



160 Total / 50 Loads /
110 Empties / 10300 Tons /
9339 Feet / 640 Axles /
64 TPOB / 160 OP Brake


2
Print Package



Not Printed

3
Train Schedule



2 Pick Ups / 118 Set Offs

4
Yard Switch


5
Brake Test


6
Re-Crew


175G204



ATLANTA, GA
MACON, GA

STATUS: OUTBOUNDED

100 Total / 66 Loads / 34 Empties / 9201 Tons / 6424 Feet / 396 Axles /
92 TPOB / 99 OP Brake

90: VMSX 300316 - E
CHGOBRC 10 MI
→ ALCOHOLS, N.O.S. CLASS 3 UN1987

CHGOBRC

92: VMSX 310166 - L
JACVLP

93: TILX 730582 - L
JACVLP

94: VMSX 300491 - L
JACVLP

IDENTIFYING HAZMAT RAIL CARS

Each member of an NS train crew will have a mobile device with the current train information. The rail cars will be listed in numerical order from front to rear starting at the headend of the train.

In the train consist view shown on the image to the left, hazmat railcars will be indicated by a placard icon corresponding to the primary hazard class. Tapping the placard icon will give the basic hazmat description.



Hazardous Materials

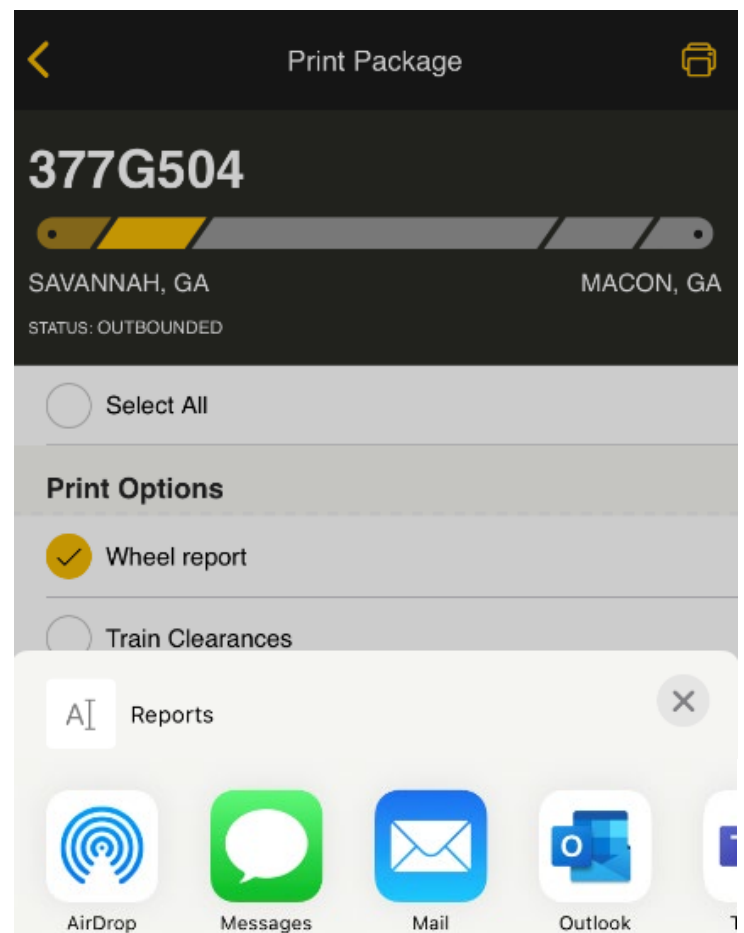
1 TNK
UN1805
PHOSPHORIC ACID SOLUTION
8 PG III
TN=(PHOSPHORIC ACID)
EMERGENCY CONTACT
CONTRACT: 17659
8004249300
HAZMAT STCC
4930247
ERG GUIDE
154
To/Consignee
CARE OF PCS PHOSPHATE - SWIFT CR
From/Shipper
NUTRIEN AG SOLUTIONS, INC.
DALLAS TX

VIEWING HAZMAT RAIL CAR DETAILS

By pressing and holding a placard icon in the train consist view, a new screen will open showing details for that hazmat shipment. The hazardous materials details will include: UN ID, proper shipping name, hazardous class, packing group, technical name if applicable, emergency contact information, ERG guide page number, and the shipper & consignee information.

SHARING TRAIN INFORMATION

- Train crews are trained on how to share their train consist with first responders
- Train consists can be shared by text, email, & Apple Airdrop
- In areas with no cellular service, train crews are instructed to give the MTR device to first responders
- Emailed copies of train consists can be requested by telephone at 800-453-2530



ADDITIONAL RESOURCES



**FOR INCIDENTS / EMERGENCIES
INVOLVING NORFOLK SOUTHERN
TRACK OR EQUIPMENT**

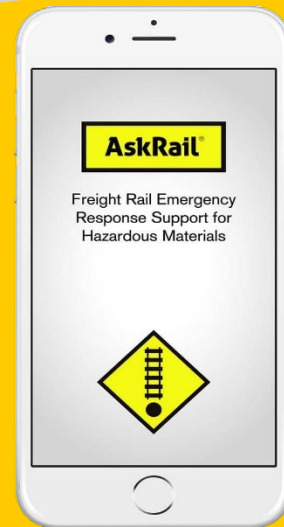
CALL THE NORFOLK SOUTHERN

PCC POLICE
COMMUNICATIONS CENTER

1-800-453-2530

The AskRail app

- Immediate access to accurate data about what type of hazmat a rail car contains
- Available on the Apple and Android app stores



CLICK HERE TO VIEW A DEMO OF THE MTR APP