

# CAPACITY ASSESSMENT STUDY

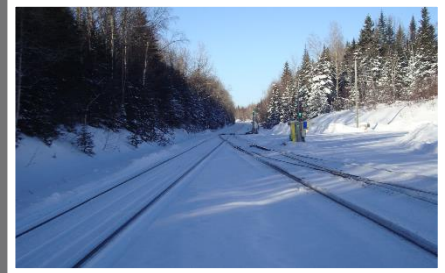
## MANDATE

Assessment of the ore transport capacity of the *Société ferroviaire et portuaire de Pointe-Noire*.

## DESCRIPTION

SYSTRA Canada was mandated by the SFPPN to carry out a time and movement study of iron ore transport operations for its clients MFQ and Tacora, using discrete event modelling.

- Identify different operating modes for the transport operations of the two mining companies;
- Calculate the theoretical capacity of each mode of operation;
- Develop a dynamic model of the railway infrastructure and train movements;
- Perform simulations for each operating mode option and with different car fleets;
- Recommend ways to improve cycle time.



### CLIENT

Société ferroviaire et portuaire de Pointe-Noire

### COUNTRY

Canada

### YEAR

2020

### DURATION

4 months

### TYPE OF SERVICES

Study

➤ CONFIDENCE MOVES THE WORLD