**Installation Manual:**

**North Short Extension Transit System**

**CTC Subsystem**

Document Control

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Distribution List

|  |  |
| --- | --- |
| Name | Role |
| Chase Melius | Train Model |
| Jeffrey Josephs | Track Controller |
| Zach Barnes | Train Controller |
| Brian Rhindress | TrackModel |
| Soyo Awosika-Olumo | CTC Office |
| John Abraham | MBO |

**1 Introduction**

This document outlines the methods of installing and running of the North Shore Extension Transit System as well as the train model subsystem. The purpose of this document is to instruct users to install and run the system and the train model subsystem for verification, testing, and simulation.

**2 System Installation**

To run the complete system, no installation is required. With integration, to run the program, navigate to the ctcsystem.jar file. This can be accomplished in windows by looking at the Folder double clicking the file *system.jar*, selecting the file and hitting the enter key, right clicking the file and selecting the run option, or by using the command line command *java –jar system.jar*. To look at Integration including the CTC Subsystem enter looking at the Folder double clicking the file ctc*System.jar*, selecting the file and hitting the enter key, right clicking the file and selecting the run option, or by using the command line command *java –jar ctcSystem.jar*.

**3 CTC Subsystem Installation**

To look at only the CTC subsystem more closely it is possible to run a program that incorporates the CTC in addition to the five other modules. No installation is required. To run the program, navigate to the CTCSubsytemJar directory and run the ctc.jar file. This can be accomplished in windows by double clicking the file, selecting the file and hitting the enter key, right clicking the file and selecting the run option, or by using the command line command *java –jar ctc.jar*.