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A Framework for Rolling Stock Rescheduling

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Publication date:
2013

Document Version
Publisher's PDF, also known as Version of record

[Link back to DTU Orbit](#)

Citation (APA):
Haahr, J. T., & Lusby, R. M. (2013). A Framework for Rolling Stock Rescheduling. Abstract from Strategisk forskning i transport og infrastruktur, Kongens Lyngby, Denmark.

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"A Framework for Rolling Stock Rescheduling"

Jørgen Haahr, Richard Lusby, RobustRailS, DTU Management

Rolling Stock schedules are typically made months or weeks prior to the date of execution. It is, however, rare that everything goes exactly as planned due to internal and external factors on the day of operation. If the magnitude of the disturbances is small then the problems may be absorbed by network buffer times. However, if the problems are more severe, changes must be made to the rolling stock schedule. In this talk we will discuss the Rolling Stock Rescheduling problem and Disruption Management. We will present our current work and planned future work on a framework for solving the Rolling Stock in a disruption context.