Accepted Manuscript

The daily tail assignment problem under operational uncertainty using look-ahead maintenance constraints

Stephen J. Maher, Guy Desaulniers, François Soumis

PII: \$0377-2217(17)30582-9 DOI: 10.1016/j.ejor.2017.06.041

Reference: EOR 14523

To appear in: European Journal of Operational Research

Received date: 26 August 2016 Revised date: 14 June 2017 Accepted date: 15 June 2017



Please cite this article as: Stephen J. Maher, Guy Desaulniers, François Soumis, The daily tail assignment problem under operational uncertainty using look-ahead maintenance constraints, *European Journal of Operational Research* (2017), doi: 10.1016/j.ejor.2017.06.041

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights

- An operational tail assignment problem for the one-day routes business model
- A computational study of the one-day routes business model
- Formulation of look-ahead constraints to implicitly satisfy maintenance requirement
- Presents branch-and-price based algorithms for the tail assignment problem
- Described a novel adjustment process to improve maintenance planning

Download English Version:

https://daneshyari.com/en/article/4959415

Download Persian Version:

https://daneshyari.com/article/4959415

<u>Daneshyari.com</u>