

Accepted Manuscript

Inventory performance under staggered deliveries and autocorrelated demand

Carl Philip T. Hedenstierna, Stephen M. Disney

PII: S0377-2217(15)00902-9
DOI: [10.1016/j.ejor.2015.09.060](https://doi.org/10.1016/j.ejor.2015.09.060)
Reference: EOR 13279



To appear in: *European Journal of Operational Research*

Received date: 30 January 2015
Revised date: 25 September 2015
Accepted date: 28 September 2015

Please cite this article as: Carl Philip T. Hedenstierna, Stephen M. Disney, Inventory performance under staggered deliveries and autocorrelated demand, *European Journal of Operational Research* (2015), doi: [10.1016/j.ejor.2015.09.060](https://doi.org/10.1016/j.ejor.2015.09.060)

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

- It is common to plan once per week or month, but to receive deliveries every day
- This causes fill rate, availability, and inventory costs to change cyclically
- We provide the inventory-optimal ordering policy and safety stock setting
- Autocorrelation, lead time, and long order cycles can degrade inventory performance
- We also identify the optimal order cycle length when an audit cost is present

Download English Version:

<https://daneshyari.com/en/article/6896062>

Download Persian Version:

<https://daneshyari.com/article/6896062>

[Daneshyari.com](https://daneshyari.com)