



# **Toll Cost Extension API**

## Release Notes

Version 2.4.8

# Important Information

## Notices

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**Topics:**

This section contains document notices.

- [Legal Notices](#)
- [Document Information](#)

## Legal Notices

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## Document Information

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### Product

Name: Toll Cost Extension API

Version: Version 2.4.8

### Document

Name: Toll Cost Extension API Release Notes

ID: addd518-1490193145-fb7a5135

Status: FINAL

Date: 2017-Mar-22, 14:32 (GMT)

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# Chapter 1

## Overview

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### Topics:

- [Highlights](#)

The scope of this document is to provide the release notes for the Toll Cost Extension API for a particular release version. It lists added and improved functionality as well as the issues resolved and known issues remaining in this release.

## Highlights

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The following highlights give a short summary of the most important changes, added functionality and improvements:

- Introduced average ferry costs for cost-optimized routing. Ferries are now assigned an average cost, to avoid a situation where ferry lines are used to calculate cost-optimized routes but the toll cost for using the ferry route is calculated as zero.

## Chapter 2

# Changes

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### Topics:

- [Functional and Behavioral ...](#)
- [API Changes](#)
- [Resolved Issues](#)
- [Known Issues](#)
- [Limitations and Workaround...](#)

This section documents major changes to the release that may require the updating of affected applications.

📄 **Note:** For changes made in previous releases, see the related documents at <http://developer.here.com>.



## Functional and Behavioral Changes

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The following table contains descriptions of added or changed functionality and changes in product behavior.

**Table 1: Functional and Behavioral Changes**

#	Description
1	<p>We introduced average ferry costs for use when the API calculates toll costs.</p> <p>Previously, toll costs for cost-optimized routing did not include ferry costs, resulting in ferry costs being considered free of charge. For example, if the user requested a route from Germany to Sweden using a ferry from Lübeck to Trelleborg, the toll cost for that ferry route appeared as free.</p> <p>Now, the toll costs for cost-optimized routing include the toll at Storebælt bridge and Øresund bridge with an average ferry cost.</p> <p>Currently, the average ferry toll cost values only distinguish between <code>tollVehicleType</code> categories for Car, Light Truck, and Heavy Truck. This may be refined in future versions of the API.</p> <p>Typically, ferry toll costs are not accurate but only an average approximation. Hence, these costs are considered for route optimization, but are not returned explicitly as cost items.</p>

## API Changes

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There are no API changes in this release.

### Added

- None

### Changed

- None

### Removed

- None

## Resolved Issues

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There are no resolved issues in this release.

## Known Issues

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There are no known unresolved issues in this release.

## Limitations and Workarounds

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There are no limitations and workarounds in this release.