

Premium Edition Version 3.15

► Notices



## **Important Information**Notices

#### **Topics:**

This section contains document notices.

- Legal Notices
- Document Information

▶ Notices



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## **Document Information**

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► Overview



## **Chapter 1**Overview

#### **Topics:**

- Highlights
- Service Support

This document provides a summary of important changes for this version. Apart from newly resolved issues and added or improved functionality, this document also includes information about known issues remaining in this release as well as any existing limitations and workarounds.

Overview



## Highlights

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

- Added feature which provides an opportunity to get restriction attributes from the road element.
- Added ability to get complete list of Voice Guidance text maneuvers for route before the navigation starts.
- Optimized data consumption for the map package downloading.
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► Changes



# Chapter 2 Changes

#### **Topics:**

- New Features
- Functional and Behavioral ...
- Resolved Issues
- API Changes
- Known Issues
- · Limitations and Workaround...

This section documents major changes to the release that may require the updating of affected applications and/or associated map data

For product changes in previous releases see the relevant chapters in these documents: HERE iOS SDK - Premium Edition Release Notes



#### New Features

The following list contains new features in the current release of HERE iOS SDK:

#### **HERE SDK 3.15**

- · Added ability to check whether user entered or left the school zone.
- Added possibility to get truck restriction attributes on the road.
- Extended routing API with the possibility to check whether user entered or left environmental zone with restrictions.
- Exposed API to add and clear all items from Map Object list.
- Added ability to get complete list of Voice Guidance text maneuvers for route before the navigation starts.
- · Added ability to get and set principal point of Map View.
- · Optimized data consumption for the map package downloading.
- Improved rendering of traffic events.
- Added encryption of collected probe data.
- Extended MapMarker clustering to work with MapLabeledMarkers.

## Functional and Behavioral Changes

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

#### Table 1: Functional and Behavioral Changes

#	Description
1	Changed default list of map data groups downloaded by Map Loader and Map Data Prefetcher.

For added and improved functionality in previous releases see the relevant chapters in these documents: http://developer.here.com/documentation/versions#ios-hybrid-plus

### Resolved Issues

The following table summarizes major issues resolved in HERE iOS SDK.

#### **Table 2: Resolved Issues**

#	Description
1	Fixed zoom level issue in Turn-by-Turn navigation.
2	Fixed issue with wrong locale for the title of map packages.
3	Fixed issue with map tracking when switching into background or foreground.

► Changes



#	Description
4	Fixed issue with incorrect boundingBox on NMAMapView for certain zoom levels with 3D projection.
5	Fixed issue with continuous trigerring of mapViewDidDraw callback.
6	Fixed flickering of place icons and labels.
7	Implemented serialization for truck restrictions.
8	Fixed incorrect maneuver and corresponding voice guidance issue in Paris.
9	Added penalties for controlled borders for Truck routing.
10	Fixed EXC_BAD_INSTRUCTION issue when using SwiftUI.
11	Issue with incorrect junction view at highways is a map issue and it will be fixed with the map release in April,2020.

## **API Changes**

#### Added

- NMAMapPackage.NMAMapDataGroup#NMAMapDataGroupLowRes3DLandmarks
- NMAMapPackage.NMAMapDataGroup#NMAMapDataGroupSimpleExtrudedBuildings
- NMAMapPackage.NMAMapDataGroup#NMAMapDataGroupTerrain3D
- NMAMapPackage.NMAMapDataGroup#NMAMapDataGroupTruckAttributes
- NMAMapPackage.NMAMapDataGroup#NMAMapDataGroupWorldwideExtendedPOI
- NMAMapPackage.NMAMapDataGroup#NMAMapDataGroupWorldwidePointAddresses
- NMAMapView allMapObjects
- NMAMapView removeAllMapObjects
- NMANavigationManager.routingZoneWarner
- NMARoadElement.NMARoadElementAttribute#NMARoadElementAttributeSchoolZone
- NMARoute instructionsForLanguage
- NMARoute.NMARouteInstructionsUnitSystem enumeration
- NMARouteResult.NMARoutingViolatedOption#NMARoutingViolatedOptionZoneRestriction
- NMARoutingZonesInfo class
- NMARoutingZoneNotification class
- NMARoutingZoneWarner class
- NMASchoolZoneInfo class
- NMASchoolZoneNotification.distance
- NMASchoolZoneNotification.isOnRoute
- NMASchoolZoneNotification.schoolZoneInfo
- NMASchoolZoneWarner didUpdateSchoolZone
- NMASchoolZoneWarner schoolZoneInfoForRoadElement
- NMASchoolZoneWarner schoolZoneInfoForRoadElement:time
- NMATruckRestrictionWarner didUpdateTruckRestriction
- NMATruckRestrictionWarner truckRestrictionsForRoadElement
- NMATruckRestrictionWarner truckRestrictionsForRoadElement:routingMode

► Changes



#### **Deprecated**

- NMASchoolZoneNotification.timeBegin
- NMASchoolZoneNotification.timeEnd
- NMASchoolZoneNotification.speedLimit

For API changes in previous releases see the relevant chapters in this document: HERE iOS SDK - Premium Edition Release Notes

#### **Known Issues**

- NMACompositeView The camera view may become distorted when the device orientation switched repeatedly, or if the orientation is changed from its previous state before the app comes to the foreground.
- Online and offline Place search results may differ when both an explicit search center and an implicit viewport are sent.

### Limitations and Workarounds

There are no known limitations and workarounds in this release.

► Package Information



# **Chapter 3**Package Information

#### **Topics:**

- Release Content
- Package Description
- Getting Started

This chapter contains information on the package delivery, the package contents, the dependencies and installation guide.



### Release Content

Native APIs Enabling native applications to leverage HERE functionality

**Documentation** API Reference Documentation and Developer Guide

Sample Applications Sample applications in Objective-C and Swift

## Package Description

/sample-apps	Sample applications to be used with the Quick Start section in the Developer's Guide
/user-guide/HERE iOS SDK Premium Edition v3.15 Developer's Guide.pdf	HERE iOS SDK Developer's Guide
HERE iOS SDK Premium Edition v3.15 Release Notes.pdf	This document
README.md	Instructions for using HERE SDK through CocoaPods.
HERE-SDK-Notices.html	Copyright and licensing text for the HERE iOS SDK. A copy of this text is also available in the Release Notes.
version.txt	Version information about the HERE iOS SDK.
framework/NMAKit.framework	HERE iOS SDK
framework/strip_sim.sh	Script for removing simulator architectures from the NMAKit library.
api_reference_jazzy_html_bundle_3.15.zip	HERE iOS SDK API reference

## **Getting Started**

Refer to the documentation under the /user-guide folder for details on how to quickly start evaluating the HERE iOS SDK.

Note: Developers using the HERE iOS SDK in their application projects must embed or link to the legal text provided in *Copyright Information* on page 15 from a user-accessible area of their application.

► Other Information



## **Appendix**Other Information

#### **Topics:**

- System Requirements
- Copyright Information

This appendix contains other information about the release such as release overview, technical specifications, dependencies, 3rd party copyright notices, release quality, and related documents.

Other Information



## System Requirements

- HERE SDK supports iOS 12 or above. iOS 12 is recommended for optimal operation.
- HERE iOS SDK is designed and tested for use with 64-bit iOS phones and tablets. Supported devices are:
  - iPhone 5s or newer
  - iPad Air or newer including iPad (2017) and iPad Pro
  - iPad Mini 2 or newer
- Apps should be developed using Xcode 11.3 or above running on macOS 10.15.2 or above.
- A minimum of 120MB per application should be made available for the storage of HERE SDK libraries.
- A minimum of 100MB should be made available for the storage of map data.
- Data connectivity (Wi-Fi or Cellular) is required to download map data and ensure map data is updated when new versions are made available.

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