Geocoder API
Release Notes

Version 6.2.135

Important Information
Notices

Topics:

- *Legal Notices*
- *Document Information*

This section contains document notices.

Legal Notices

Trademark Acknowledgements

HERE is trademark or registered trademark of HERE Global B.V.

Other product and company names mentioned herein may be trademarks or trade names of their respective owners.

Disclaimer

This content is provided "as-is" and without warranties of any kind, either express or implied, including, but not limited to, the implied warranties of merchantability, fitness for a particular purpose, satisfactory quality and non-infringement. HERE does not warrant that the content is error free and HERE does not warrant or make any representations regarding the quality, correctness, accuracy, or reliability of the content. You should therefore verify any information contained in the content before acting on it.

To the furthest extent permitted by law, under no circumstances, including without limitation the negligence of HERE, shall HERE be liable for any damages, including, without limitation, direct, special, indirect, punitive, consequential, exemplary and/ or incidental damages that result from the use or application of this content, even if HERE or an authorized representative has been advised of the possibility of such damages.

Document Information

Product	
Name:	Geocoder API
Version:	Version 6.2.135

Document	
Name:	Geocoder API Release Notes
ID:	dc51f94-1493302357-050d530e
Status:	FINAL
Date:	2017-Apr-27, 14:13 (GMT)

Contents

Chapter 1
Overview

Topics:

- *Map Data Version*
- *Highlights*

The scope of this document is to provide the release notes for the Geocoder 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.

Map Data Version

The Geocoder API provides weekly map data updates. Weekly map data updates are based on 2017Q1 data releases for most countries.

The following exceptions exist for countries with HERE map content coverage:

- Hong Kong and Macau are from 2016Q4 and are not updated on a weekly basis.

Entry or Intermediate map content coverage are not listed here.

Highlights

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

- Added support of small municipalities for the district level of the administrative hierarchy in Peru.
- Updated Armenia maps to include additional administrative levels and the local language.

Chapter 2
Changes

Topics:

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

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

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	In Peru people use names of small municipalities to find an address or an area. Previously the Geocoder was not able to match these small municipalities correctly. Now the Geocoder can find an address if these names are in the query and it provides a more precise result match at the district level.
	
	 Example 1
	
	 `searchtext=Ex-Fundo Zavaleta, Ate`
	
	 Previous result: (empty response)
	
	 Current result: Now the Geocoder returns the district "Ex-Fundo Zavaleta" in the city Ate.
	
	 `Ex-Fundo Zavaleta, Ate, Lima, Perú`
	
	 Example 2
	
	 `searchtext= Jiron el sol 392 El Sol-El Pasaje, Lima`
	
	 Previous result: 3 ambiguous results with a lowered relevance of 0.61)
	
	 Current result:
	
	 `Jirón El Sol 392, 07001 Lima, Perú (relevance 1)`
	
	 📄 **Note:** Now the Geocoder also returns 5 digits postal code, because of map content update.

2	The Armenian map content has been updated to have a more detailed administrative hierarchy and includes the local language. The Geocoder is now able to support these changes in queries and responses.
	
	 Example
	
	 `searchtext= Érebuni, Yerevan, Armenia`
	
	 Previous result: City level response
	
	 `Yerevan, Armenia`
	
	 Current result: District level response
	
	 `Érebuni, Yerevan, Armenia`

3	Changes were made for Districts in the USA where it was found that the District level result was more precise than the postal code level result.
	
	 Example
	
	 `searchtext= Fishermans Wharf, San Francisco CA 94133`
	
	 Previous result: A postal code level result was returned.
	
	 `label: 94133, San Francisco, CA, United States`
	
	 Current result: A district level result is returned
	
	 `label: Fisherman's Wharf, San Francisco, CA, United States`

API Changes

Added

· None

Changed

· None

Removed

· None

Resolved Issues

The following table contains resolved issues. The list summarizes major resolved issues relevant for a broad audience.

#	Description

1	Results for queries with Cities and ZIPs in the USA previously returned the City if there was only a single postal code. Now the Geocoder returns a Postal code result instead.
	
	Example
	
	`searchtext= United States, AL, 35990, Walnut Grove`
	
	Previous result: A city level result was returned.
	
	`label: Walnut Grove, AL, United States`
	
	Current result: A postal code result is returned.
	
	`label: 35990, Walnut Grove, AL, United States`

2	Portland, OR has a house numbering system that uses 0 as prefix and this is different from house numbers without the 0 prefix. This feature was not working for range address, point addresses had been fixed in the previous release.
	
	Example
	
	`searchtext= 0313 SW Montgomery St, Portland, OR 97201, United States`
	
	Previous result: A street level result was returned.
	
	`label: SW Montgomery St, Portland, OR 97201, United States`
	
	Current result: The house number is correctly recognized.
	
	`label: 0313 SW Montgomery St, Portland, OR 97201, United States`

3	Postal codes in the Czech Republic consist of five digits, usually written with a space in the form XXX XX. Some users omit the space separator to give a 5-digit number. The Geocoder supported both formats of postal code before in address search, however some inconsistencies were found in area search; which have been fixed now.

#	Description
	Example 1

```
searchtext=54941 & country= CZE
postalcode= 54941 & country= CZE
```

Previous result: The Geocoder respond with multiple wrong postal codes

```
1. label: 549 71, Šonov, Královéhradecký kraj, Česká Republika
2. label: 549 47, Slatina nad Úpou, Královéhradecký kraj, Česká Republika
…
```

Current result: Now the Geocoder responds with the requested postal code.

```
label: 549 41, Královéhradecký kraj, Česká Republika
```

Example 2

```
searchtext= 549 41 Červený Kostelec
```

Previous result: The Geocoder responded with multiple districts within the requested postal code.

```
1. label: Bohdašín, Červený Kostelec, Královéhradecký kraj, Česká Republika
   postalCode: 549 41
2. label: Mstětín, Červený Kostelec, Královéhradecký kraj, Česká Republika
   postalCode: 549 41
…
```

Current result: Now the Geocoder responds with the requested postal code.

```
label: 549 41, Červený Kostelec, Královéhradecký kraj, Česká Republika
```

The Geocoder still has some inconsistencies in the result precision for queries which contain postal code and locality name. These will be addressed in future releases.

#	
4	Singapore: Return full address map reference from postal code search.

The Geocoder can now return full address map reference from postal code search, for example the `creferenceId`, `spot` and `sideOfStreet`.

Example

```
Searchtext=650314,Singapore &locationattributes=mapReference
```

Previous result

```
mapReference: {
    mapId: "PZAM16149",
    mapVersion: "Q1/2016",
    mapReleaseDate: "2017-01-31",
    countryId: "21160468",
    countyId: "21160516",
    cityId: "21160517",
    districtId: "21160539",
    addressId: "354329322"
```

Current result

```
mapReference: {
    referenceId: "718223301",
    mapId: "PZAM17102",
    mapVersion: "Q1/2017",
    mapReleaseDate: "2017-03-08",
    spot: 1,
    sideOfStreet: "right",
    countryId: "21160468",
    countyId: "21160516",
    cityId: "21160517",
    districtId: "21160539",
    addressId: "354329322"
```

#	Description

5	In Taiwan, some Special Municipalities and Provincial Cities share the same name for the City and the County. These were previously duplicated in labels, but now have been re-duplicated. Also the number symbol was missing.
	
	Example
	
	`Searchtext=臺灣100臺北市中正區連雲街26巷24-8`
	
	Previous result
	
	`label: 臺灣100臺北市臺北市中正區連雲街26巷24-8`
	
	Current result
	
	`label: 臺灣100臺北市中正區連雲街26巷24-8號`

Known Issues

The following table lists issues known to be present in the current release of the Geocoder API.

#	Description
1	Taiwan Geocoding - Island Names cannot be geocoded - 2013Q3 TWN Map improvements Islands to be considered as a part of Taiwan.
2	Taiwan - Street Fallback - Returning the Best Candidate If an address is not in the map, either a house number fallback or up-hierarchy street level match is expected. But in some cases, the Geocoder returns an address in the wrong street or lane. **Example**: 彰化縣彰化市介壽北路1號 House number 1 is not in the map data. The result is therefore a fallback to house number 19: No. 19, Jie Shou N. Rd., Changhua City, Changhua County 500, Taiwan But if a house number fallback is not accepted (parameter: `additionaldata=HouseNumberMode,Streetlevel`), then the result is expected to be a street level match: Jie Shou N. Rd., Changhua City, Changhua County 500, Taiwan The current response is an address match in a different – although close - street (South instead of North) and in a lane while the request did not specify a lane: No. 1, Lane 36, Jie Shou S. Rd., Changhua City, Changhua County 500, Taiwan
3	China: Reverse Geocoder `retrieveAreas` response not aligned with `mode=retrieveAddresses` The Reverse Geocoder `retrieveAreas` response is not aligned with the response from `retrieveAddresses` and Forward Geocoder. City and district names are only available in Chinese, the county information is incorrect, and the state is empty even though it should contain Chinese provinces.
4	Labels for highway exits do not include the exit number. The label only contains the highway name. Workaround: Use the highway name and exit number from the `name` field.
5	The navigation coordinate in the response for Hong Kong building name matches is not always correct. It is the same as the display coordinate. The navigation coordinate is correct only when the query matches a house number in addition to the building name (`MatchQuality` element `houseNumber` exists in the result).

#	Description
	Example:
	The queries
	Shek Wu Shui Baptist Chapel, Hong Kong
	and
	Shek Wu Shui Baptist Chapel, 33 Fu Hing St, Hong Kong
	both match to the same address. But the navigation coordinate is correct for the latter query only.

Limitations and Workarounds

There are no limitations and workarounds in this release.