



# **Sierra Wireless Android RIL Release Notes**

## **Lollipop 5.1 x86 RELEASE**

<b>Revision:</b>	<b>V5.1.2.0</b>
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## 1 General

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### 1.1 Purpose

This document describes the Sierra Wireless Android Lollipop 5.1 x86 RIL Release.

### 1.2 Summary of Document Revision History

Date	Author	Summary of Changes
24 Jul 2015	Leo Lee	Initial version for V5.1.1.0
21 Aug 2015	Leo Lee	Update for V5.1.2.0

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## 2 Supported Configurations

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### 2.1 Release Configurations Supported

These release notes apply to the following release configurations:

AndroidRIL\_V5.1.2\_x86\_minnow\_64p\_5.1\_V1.0\_bin  
Android RIL version 5.1.2.0  
Supports x86 based processors, Intel Baytrail series  
For Android Lollipop (5.1) 64bit user space.  
Binary only release

### 2.2 Sierra Modules Supported

The Android RIL supports the following devices and firmware versions:

- MC8305 (G3K) - firmware version 1580 and 3.3
- MC8355 (G3K) - firmware version 1580 and 3.3
- MC7700 - firmware version SWI9200X\_03.05.16.01 (or greater)
- MC7710 - firmware version SWI9200X\_03.05.16.01 (or greater)
- MC7750 - firmware version SWI9600M\_03.05.10.05 (or greater)
- SL909x - firmware version 331403 (and greater)
- SL8092 - firmware version SWI6600P\_02.00.01.01 (or greater)
- MC7355 - firmware version SWI9X15C\_05.05.10 (or greater)
- MC7354 - firmware version SWI9X15C\_05.04.02 (or greater)
- MC7304 - firmware version SWI9X15C\_05.04.02 (or greater)
- EM7355 - firmware version SWI9X15C\_05.05.16 (or greater)
- EM7330 - firmware version SWI9X15C\_05.05.22 (or greater)
- EM7305 - firmware version SWI9X15C\_05.05.16 (or greater)
- EM8805 - firmware version SWI9X15C\_05.05.16 (or greater)
- HL7518 - firmware version HL75xx.2.13 (or greater)
- HL7548 - firmware version HL75xx.A.2.13 (or greater)
- HL8548 - firmware version RHL85xx.5.5.12.0 (or greater)

The MC7700 and MC7710 modules can be configured to operate in “QMI Mode” or “Direct-IP” mode. For this RIL to operate properly, the devices must be in “QMI Mode”.

MC73xx, MC7750, MC8305, MC8355 and SL909x only support QMI mode so they will work by default.

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MC73xx support multi PDN by default, it needs to switch back to single PDN to work with Android RIL.

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### 3 Revision History

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#### 3.1 Version 5.1.2.0

- Fixed CLIR does not work.
- Fixed the "in use" satellite shows in UI does not match the NMEA sentences.
- Fixed incorrect debug message in GPS debug log
- Fixed no response when access GSM supplementary service settings
- Fixed the issue of relation between RF strength indication and ANT bar
- Fixed Sprint MO/MT SMS does not work on live network.
- Add support to HL7548.
- Add support to HL series FOTA with AVMS

#### 3.2 Version 5.1.1.0

- Initial RIL support Android 5.1 Lollipop.
- Fix GobiNet driver fail during start up.
- Add support to HL85xx module.

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## **4 Known Limitations**

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The following known issues exist in Android 5.1 RIL. We will work to resolve them in a future release.

- [ANO83398] UI doesn't ask for PUK if SIM card locked.

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## **5 Planned Feature Enhancements**

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### **5.1 Planned Feature Enhancements**

The following features are planned to be supported in a future release of the RIL:

- OTASP/OMADM support for MC73xx series modem