



Civil Engineering & Construction

104950-LI

RENEW Labeling Instructions

THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION OF TRIMBLE CONSTRUCTION SERVICES. NO DISCLOSURE OR USE OF ITS CONTENTS IS PERMITTED EXCEPT FOR THE SPECIFIC PURPOSE THE DOCUMENT WAS SUPPLIED. POSSESSION OF THE DOCUMENT DOES NOT CONVEY ANY IMPLIED RIGHT OR LICENSE TO DISCLOSE, USE OR COPY ITS CONTENTS. RETURN TO TRIMBLE CONSTRUCTION SERVICES IS MANDATORY PROMPTLY ON COMPLETION OF THE PURPOSE FOR WHICH SUPPLIED OR EARLIER DEMAND.

Revision History

Rev	Description
00	Ian Welch, document creation based on Torch label instruction document
A	Production Release
B	Revised information to be displayed on labels.
C	Added voltage / current #s for compliance
D	Added Emark # and cleaned CE for RED
F	Removed FCC ID and IC from the branding label; Edits to compliance label

Related Documents:

47893-DP Serial Number Generation Procedure

56723-DP ARFC Bar Code Requirements

104950-XX-DP Renew Assembly Document

104950-XX-PD Renew Packout Document

Table of Contents

[Purpose](#)

[Branding Label](#)

[2D Barcode](#)

[Certification Labels](#)

[IEC 60417-5041, Caution Hot Sticker](#)

[Face Labels](#)

1. Purpose

This document outlines all the requirements for the labels to be placed on Renew (SNM941). This document applies to all labels / graphics that are placed on the device for warning, information, or overall look and feel of the product.

2. Printed Branding Label

The purpose of the Branding Label is to provide all serialized information programmed into the device and the part number of the device. The branding label will be applied to the back of the enclosure in the location outlined in Figure 1. The branding label may have different formats and information depending on the branding requirements. The 2D barcode on the branding label will contain a digital copy of all the serialized information represented in human readable format on the branding label.

Label stock Trimble PN: 88980

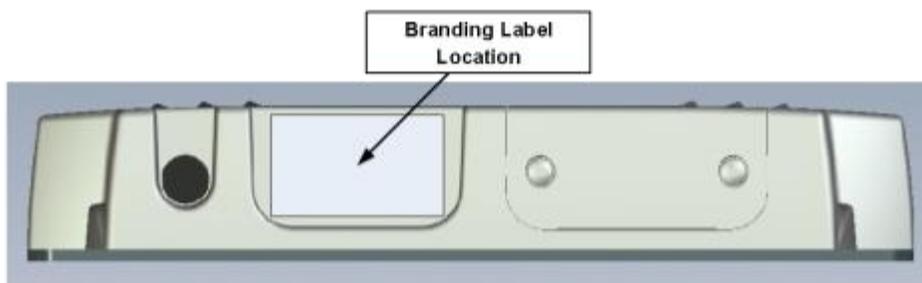


Figure 1: Location of Branding Label



Figure 2: Example of Branding Label for 104950-60



Figure 3: Example of Branding Label for 104950-80

Table 1: Branding Label fields, format, and purpose

	Description	Size	Notes
1	RoHS Mark	RoHS	RoHS declaration mark. This symbol does not have to be in color.
2	Model Number	Arial 6	SNM941-90, SNM941-60, This number will remain the same as a reference for certification purposes
3	Trimble PN	Arial 6	This is the box level part number. This number may change based on marketing requirements. 104950-60 (-90) -80 (-60)
4	Serial Number	Arial 10	This is a unique 10 digit Alpha numeric serial number. The serial will follow the “Serial Number Generation Procedure” outlined in BMS document 47893-DP
5	Blank	N/A	N/A
6	Blank	N/A	N/A
7	Blank	N/A	N/A
8	IMEI	Arial 6	15 digit numeric IMEI number used by the cellular modem. This is a unique number that will be assigned by Trimble. It is required to activate cellular services
9	Blank	N/A	N/A

10	Blank	N/A	N/A
11	Blank	N/A	N/A
12	CE Mark		Must be a minimum of 5mm tall. Required by CE certification. (Not on SNM941-90 model).
13	2D Barcode	Data Matrix 2D Format (see below)	This 2D barcode will contain all the human readable information in barcode format. Refer to sections below for exact format
14	FCC Mark		Must be human readable size (Not on SNM941-60 model)
15	Blank	N/A	N/A
16	Assembled in Mexico	Arial 6	Must be on each unit
17	Voltage / Current	Arial 6 12V/24V == 633mA/450mA	Power Supply Info Must be on each unit

2.1. 2D Barcode

The 2-D barcode on the Branding label will be in Data Matrix 2D 40x40 format. This format will allow up to 169 alpha numeric characters to be encoded into the barcode. All human readable information will be available in the barcode including field headings such as MODEL No., TRIMBLE PN: etc.. Each heading will be followed by a SPACE before the field. Each field and its associated heading will be end with a <<CR>>, carriage return character. This format will allow the barcode to be scanned in a clear human readable format with each field located on a separate line.

Table 2: Barcode field descriptions

Heading	Field	Termination
Model No:	Model number of device. SNM941-90, SNM941-60	<<CR>>
Trimble PN:	Part number of device. 104950-60 or 104950-80	<<CR>>
SN:	Unique serial number of device. May also be referred to as Device ID.	<<CR>>
IMEI:	IMEI: number of the	<<CR>>

	internal cellular modem	
--	-------------------------	--

3. Certification Labels

The certification label is used for any country specific certification marks and information as information required by the Trimble returns department. The Certification Label will be applied to the location outline in Figure 4. The certification label will contain all the information required for world certification for the Renew device. The certification will evolve over time as more country certifications are granted.

There is different information printed for the SNM941-90 and the SNM941-60 models.
Label Stock Trimble PN: 82460

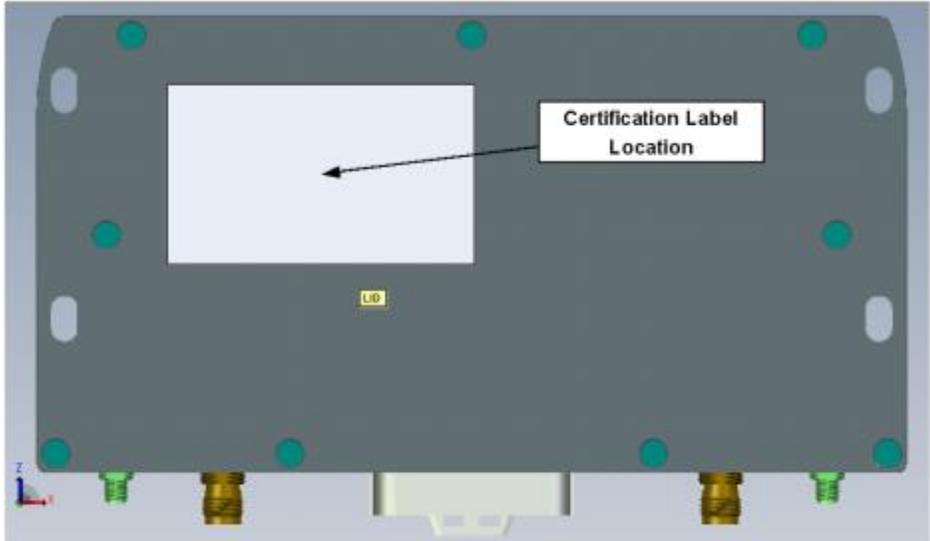


Figure 4: Location of Certification Label

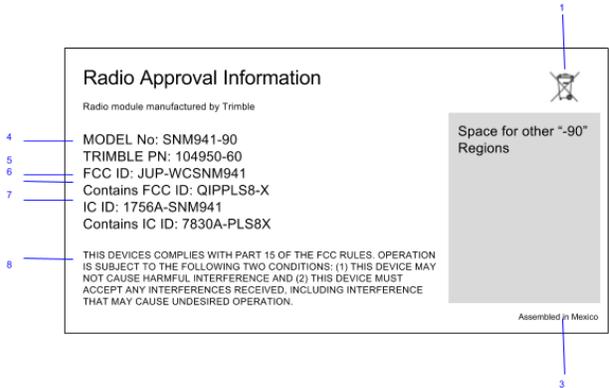


Figure 5: Example of Certification Label for 104950-60

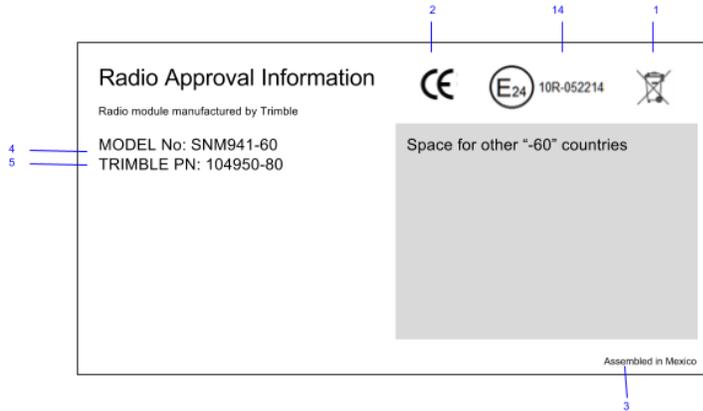
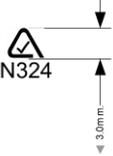
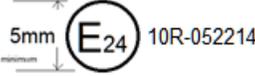
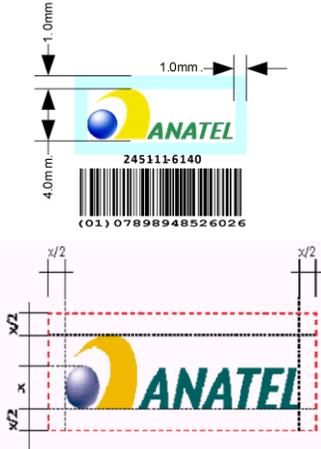
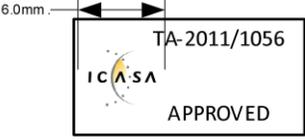
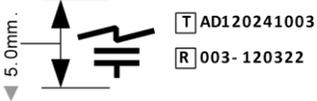


Figure 6: Example of Certification Label for 104950-80

Table 3: Certification label field descriptions

	Description	Size	Notes
1	WEEE Bin Mark		RoHS declaration mark. This symbol does not have to be in color.
2	CE Mark		Must be a minimum of 5mm tall. Required by CE certification. This mark will not be used on SNM941-90 units.
3	Assembled in Mexico	Arial 6	Must be on each unit
4	Model Number	Arial 6	SNM941-90, SNM941-60, This number will remain the same as a reference for certification purposes
5	Trimble PN	Arial 6	This is the box level part number. This number will change based on marketing requirements. 104950-60 (-90) -80 (-60)
6	FCC ID Number	Arial 6	FCC identification number with "contains" information: "FCC ID: JUP-WCSNM941 Contains FCC ID: QIPPLS8-X" This mark will not be used on SNM941-60 units.
7	IC ID	Arial 6	This is the industry Canada registration number with "contains" information: "IC: 1756A-SNM941 Contains IC: 7830A-PLS8X" This mark will not be used on SNM941-60 units.

8	FCC Statement	Arial 6	<p>"This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation."</p> <p>Must be clearly readable</p>
9	Trimble EU Service Address	Arial 6	<p>"Trimble Am Prime Parc 11 65479 Raunheim +49 6142 789009 construction_support@trimble.com"</p> <p>Must be clearly readable. This will not be used on SNM941-60 units.</p>
10	Blank		
11	Blank		
12	Blank		
13	A-Tick Mark for Australian certification NOT FOR THIS VERSION		<p>A-Tick Mark required for Australian certification. The Symbol must be 3mm in height. The N324 represents Trimble self declaration. This mark will not be used on SNM941-90 units.</p>
14	Automotive E-Mark		<p>E-mark is required to sell to on-road vehicles in Europe. Icon must be at least 5mm high. Text should be 8pt Century Gothic. This mark will not be used on SNM941-90 units.</p>
15	ANATEL Mark for Brazil Certification NOT FOR THIS VERSION		<p>Anatel Mark is required for sales into Brazil. The mark may be printed in black & white. Barcode should be in code 128 format and contain the number (xx)xxxxxxxxxxxxxxx. A 1mm keep out zone is required around the Anatel Logo. Scaling should follow the guidelines outlined in the illustration where x=2mm. This mark will not be used on SNM941-90 units.</p>

46	<p>ICASA Mark for South African Certification NOT FOR THIS VERSION</p>		<p>16mm x 8mm box for the ICASA marking for South Africa. The ICASA logo should be 6mm x 6mm. Logo can be in color or black & white. Text should be Calibri, 6mm This mark will not be used on SNM941-90 units.</p>
47	<p>Russian Certification Number NOT FOR THIS VERSION</p>	<p>Registration No: MT-4395</p>	<p>Font: Arial 8pt. Bold This mark will not be used on SNM941-90 units.</p>
48	<p>Ukraine Certification number NOT FOR THIS VERSION</p>	<p>UA1.025.0237800-12</p>	<p>Font: Arial 8pt. Bold This mark will not be used on SNM941-90 units.</p>
49	<p>Japan Certification Mark NOT FOR THIS VERSION</p>		<p>Image must but a minimum of 5mm high. Font should be Calibri 4pt This mark will not be used on SNM941-90 units.</p>

4. IEC 60417-5041, Caution Hot Sticker

This label, Trimble PN: 85336, should be applied to the top of the enclosure to comply with the IEC60950 requirements for metal enclosures operating above 70C. This sticker is required by CE and E-Mark certifications. This sticker should be placed along the non-connector edge on the top surface of the Renew enclosure with the triangle's apex pointing towards branding label.

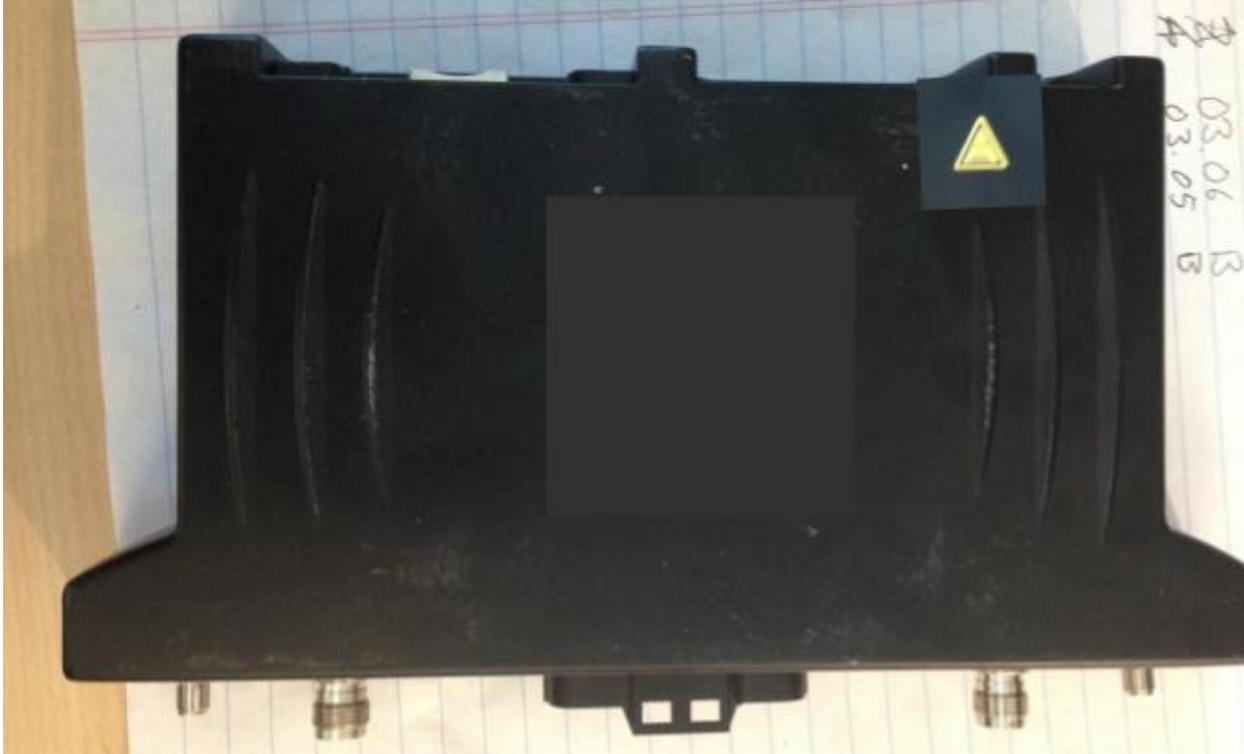


Figure 7: Placement of the Caution Hot Sticker



Figure 8: Caution Hot warning label, 12.5mm. Trimble PN :85336

5. Face Labels

Three labels are placed on the face of the Renew enclosure to provide information about the function when connected.

These are part numbers 104434-00 (left), 104436-00 (center), 104435-00 (right).



Figure 9: Left, Center and Right Face Labels

6. Firmware Labels

Per 104950-XX-DP Renew Assembly Document, the assembled Renew unit will be placed in pink bag, Trimble p/n 82543 and then placed in individual packing (box with foam). A label with the firmware version should be added to the bag. A label with the firmware version should be added to the box.

Label stock: 50838 Label Blank 2.25 x 1.25 White



Figure 10: Individual Bag with Firmware Label

Table 5: Firmware label field descriptions

Heading	Field	Notes
Firmware Version:	Firmware version flashed onto unit	Human readable, not a bar code
Date:	Month Year	Human readable, not a bar code

7. Individual Pack Label

Per 104950-XX-PD Renew Packout Document, the bagged Renew unit will be placed in individual packaging to ship to the ARFC. Per 56723-DP ARFC Bar Code Requirements, the individual box must include the part number, serial number and month/year.

Label stock: 35057 Label Packout 3x5 White

Table 4: Bar Code label field descriptions

Heading	Field	Notes
Trimble PN:	Part number of device. 104950-60 or 104950-80	Bar Code that will be in accordance to the industry standard “Code 39” or “Code 128. Size greater than ½ inch long and 1/8 inch in height. Font size between 8 and 36 pts.
SN:	Unique serial number of	Bar Code that will be in accordance to

	device. May also be referred to as Device ID.	the industry standard “Code 39” or “Code 128. Size greater than ½ inch long and 1/8 inch in height. Font size between 8 and 36 pts.
Date:	Month Year	Human readable, not a bar code