

PCN – Product Change Notification

Topic:	Firmware change in production
	UBX-15012993
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1 Affected Products

Product Name	Order Number	Type No (Old)	Type No (New)	Remarks
LEA-M8T	LEA-M8T-0	LEA-M8T-0-00	LEA-M8T-0-01	
NEO-M8T	NEO-M8T-0	NEO-M8T-0-00	NEO-M8T-0-01	

2 Type of Change

Hardware: no modification
 Firmware: new release
 Others: labelling (type number and data code)

3 Description of Change

From the date indicated below a new firmware release will be applied to the Affected Products in production. The version of firmware may be identified according to the Type Number as follows:

Type No	Firmware version	Remarks
LEA-M8T-0-00 NEO-M8T-0-00	V2 TIMRAW1.01 (old)	
LEA-M8T-0-01 NEO-M8T-0-01	V2 TIMRAW1.02 (new)	

For full details of changes please see Release Note, FW2.30 Timing, Raw 1.02 (UBX-15012995). This release primarily corrects an error where leap second changes will be applied one day early when the receiver uses BeiDou signals (GNSS time is unaffected). Concurrent GLONASS reception may then be disrupted until the receiver is reset.

4 Schedule

Samples:	11 May 2015	Last Time Buy Date ¹ :	N/A
Estimated First Shipment Date ² :	6 July 2015	Last Ship Date ¹ :	N/A
Documentation	20 April 2015	FW (if applicable)	20 April 2015

¹ All orders for the old Type Number placed after the notification date are **non-cancelable** and **non-returnable (NCNR)**.

² The Estimated First Shipment Date is the forecasted date that a customer may expect to receive changed product with the new Type Number. This is determined by the estimated date of inventory depletion on the PCN issue date. This may be affected by fluctuations in supply and demand. Consequently, although customers should be prepared to receive changed product on this date, u-blox will continue to ship pre-changed product until a time in which inventory has been depleted. This may result in pre-changed product being shipped to customers after this forecasted date.

5 Customer Impact and Recommended Action

The technical effects of the error corrected by this change are apparent only when one or more of the conditions below are true:

- UTC time or leap-second parameters are used in conjunction with BeiDou signal reception or
- reception of BeiDou and GLONASS signals are enabled together during a leap-second change.

For new designs u-blox recommends that any qualification process is completed using parts programmed with the new firmware.

6 Reference Documents

- [1] Release Note, FW2.30 Timing, Raw 1.02 (UBX-15012995)