

Firmware Release Note

A1080 / A1035-D



08/01

Date	19-FEB-08
New version	325-01
Old version	324-01
	Note: The 3.2.5 products are additionally available to the 3.2.4 products. 3.2.4 products will not be discontinued!
Affected modules	<input checked="" type="checkbox"/> A1080 (all versions)
	<input checked="" type="checkbox"/> A1035-D
New order numbers	V23993-A1080-A325
	V23993-A1035-D325
New library	<input type="checkbox"/> NO
	<input checked="" type="checkbox"/> YES
	If YES, describe: 3.2.5
	<ul style="list-style-type: none"> - Improved cross-correlation detection resulting in better position solutions by ignoring bad measurements. - Altered search strategy for improved weak-signal acquisition. - Incremental ephemeris collection allowing quicker time-to-first-fix (TTFF) in environments where satellite signals are periodically blocked – such as highway underpasses. <p>See also: “GSW31 2 5 P1 00 Version Description Document.pdf”</p>
Changed interface functions	<input type="checkbox"/> NO
	<input checked="" type="checkbox"/> YES
	If YES, describe:
	<ul style="list-style-type: none"> - In NMEA mode 3.2.5 does NOT offer any information showing the version (in 3.2.4 this was possible using debug infos). A version request is possible in binary mode. - Within the ZDA message the checksum is missing. - The query function (in \$PSRF103 command) doesn't work: in contrary to the manual, this message can't be queried once. This is true for all messages.

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New interface functions	<input type="checkbox"/> NO
	<input checked="" type="checkbox"/> YES
	If YES, describe:
	- After reset the new 3.2.5 firmware is giving out some cryptical information about the current time (TOW = seconds in current week & GPS week) and position (but in xyz coordinates). This cannot be switched off!
Applicable manual changes	<input checked="" type="checkbox"/> NO
	<input type="checkbox"/> YES
	If YES, describe:
Latest manual versions	"T.E. GPS Firmware A1080-A1035-D V3.0.pdf" "SiRF_NMEA_Reference_Manual_2.1.pdf" "SiRF_Binary_Reference_Manual_2.3.pdf"

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