VAISALA

Changes that can be identified with the help of the radiosonde serial number

Radiosonde serial number YWWDxxxx = lot number (YWWD) + sequential number (xxxx)
For example, the first product calibrated on Tuesday during week 44 in 2007 would be referred to as C4420001

Time of change	Radiosonde model	Short description of the change	Parameter (P/T/U/W)	No data continuity effect	2004 (Z)	2005 (A)	2006 (B) Sequential numbers			2007 (C) Sequential numbers			2008 (D) Sequential numbers			2009 (E) Sequential numbers			2010 (F) Sequential numbers			2011 (G) Sequential numbers		
							0001-2999	3000-5999	6000-9000	0001-2999	3000-5999	6000-9000	0001-2999	3000-5999	6000-9000	0001-2999	3000-5999	6000-9000	0001-2999	3000-4999	6000-9000	0001-2999	3000-4999	6000-9000
Apr 2004	RS92	Fine tuned humidity sensor temperature dependency correction	U		Lot Z152 onwards	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mar 2005	RS92-SGP	Pulse heating of humidity sensors continued down to -60°C	U			Lot A051 onwards	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Sep 2006	RS92	Improved coating of humidity sensor contacts	U						X	Lot C261 onwards	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mar 2007	RS92	Reinforced temperature sensor	T									X	Lot D023 onwards	X	Lot D023 onwards	X	X	X	X	X	X	X	X	X
Jun 2008	RS92	Sensor boom coating modification	U, T	X									Lot D272 onwards			X	Lot E143 onwards	Lot E143 onwards	X	X	X	X	X	X
Nov 2010	RS92	Sensor boom contacts modification	U, T	X																Lot F432 onwards	X			

Changes that can be identified with the help of the DigiCORA® or MARWIN® sounding software version and/or a user setting

Time of change	Short description of the change	Parameter (P/T/U/W)	No data continuity effect	DigiCORA® MW11 and MW15 and MARWIN® MW12	DigiCORA® Sounding System MW31 and MW21, AUTOSONDE® and ASAP	DigiCORA® Sounding System MW41	MARWIN® Sounding System MW32
Nov 2005	Revised solar radiation correction table for temperature sensor	T		Version 8.311 onwards	Version 3.51 onwards		
Jun 2006	Extending reported TEMP humidity measurements to -100°C	U	X	Users were instructed to change the setting; no software change	Users were instructed to change the setting; default value in software changed from version 3.52 onwards		
Aug 2008	Filtering algorithm modified in order to take into account requirements for temperature measurement above 10 hPa in ozone soundings and soundings in heavy test flight rig	T		No software change	Version 3.61 onwards		
Dec 2010	Time response and solar radiation correction algorithms added to improve humidity measurement. Fine tuned solar radiation correction table for temperature measurement.	U, T		No software change	Version 3.64 onwards*	Version 1.0 onwards	Version 1.2 onwards