SREA MODULE: ACS850 PARAMETERS NOT DISPLAYING CORRECTLY

Description:

When using the SREA module connected to an ACS850 drive some parameters (i.e. minimum and maximum speed/torque) are not displaying correctly when viewed in the SREA web browser.

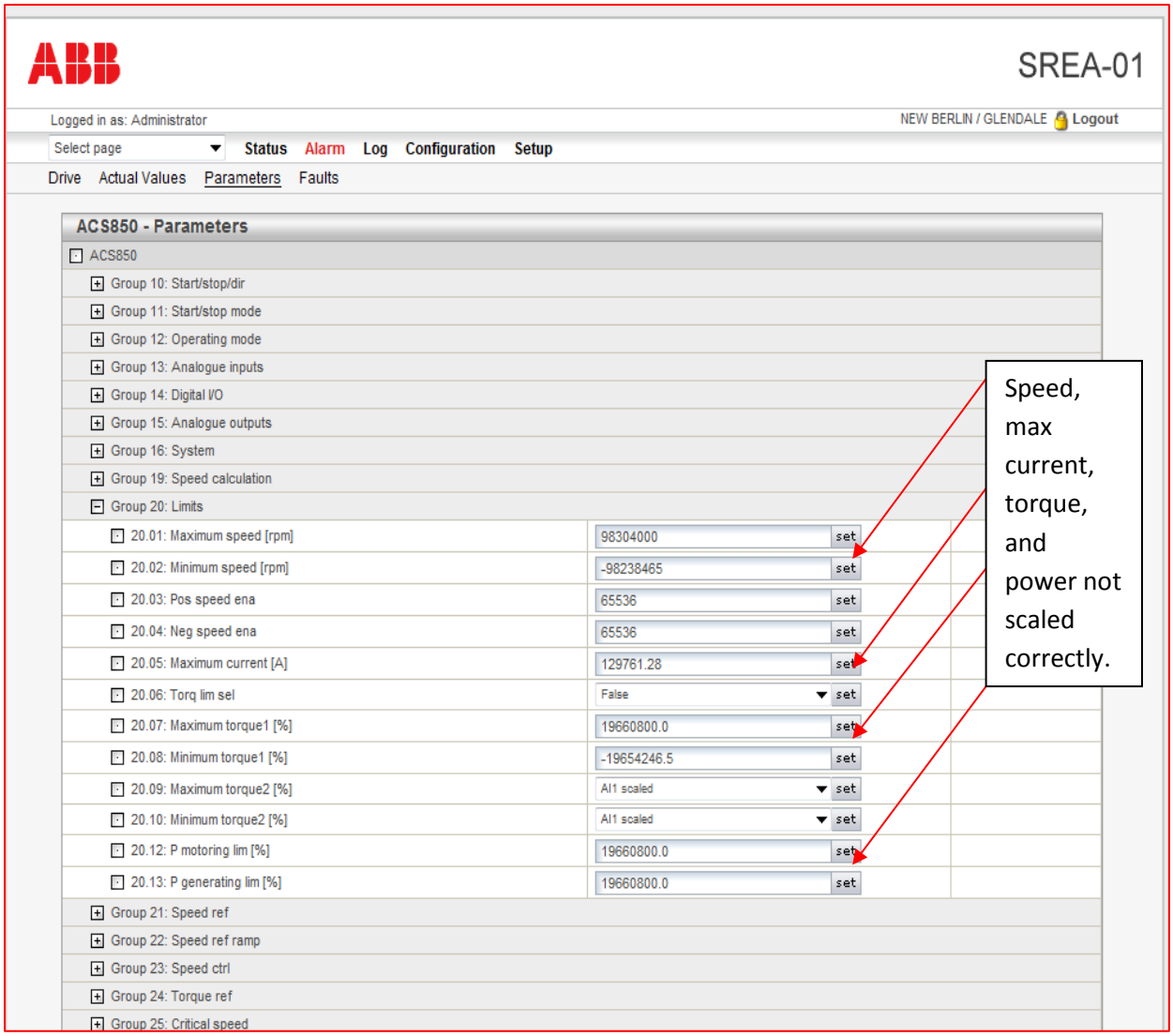

Figure 1

Author: Jeff Fell, Rick Akey, Louis Chatfield – Application Eng.		Date: May 31, 2013
External http://www.abb.us/drives.	Industry – Industrial or PLC	Document #: LVD-EOTN38U-EN Revision: A
Product Categories: ACS850		

Answer:

By default in the ACS850, the data word order is set to Least Significant Word first (LSW MSW), then Most Significant Word in parameter 58.32. This data word configuration causes the displaying of the parameters to be incorrect as shown above in Figure 1. To correct this problem, set parameter 58.32 to Most Significant Word first, then Least Significant word. Then, set parameter 58.10 to refresh to allow the parameter change to update. Now, the parameters seen via the web browser will be scaled correctly as shown in Figure 2 below.

Note: If the above parameter changes do not make a difference, change parameter 58.32 and 58.10 by the control panel on the drive.

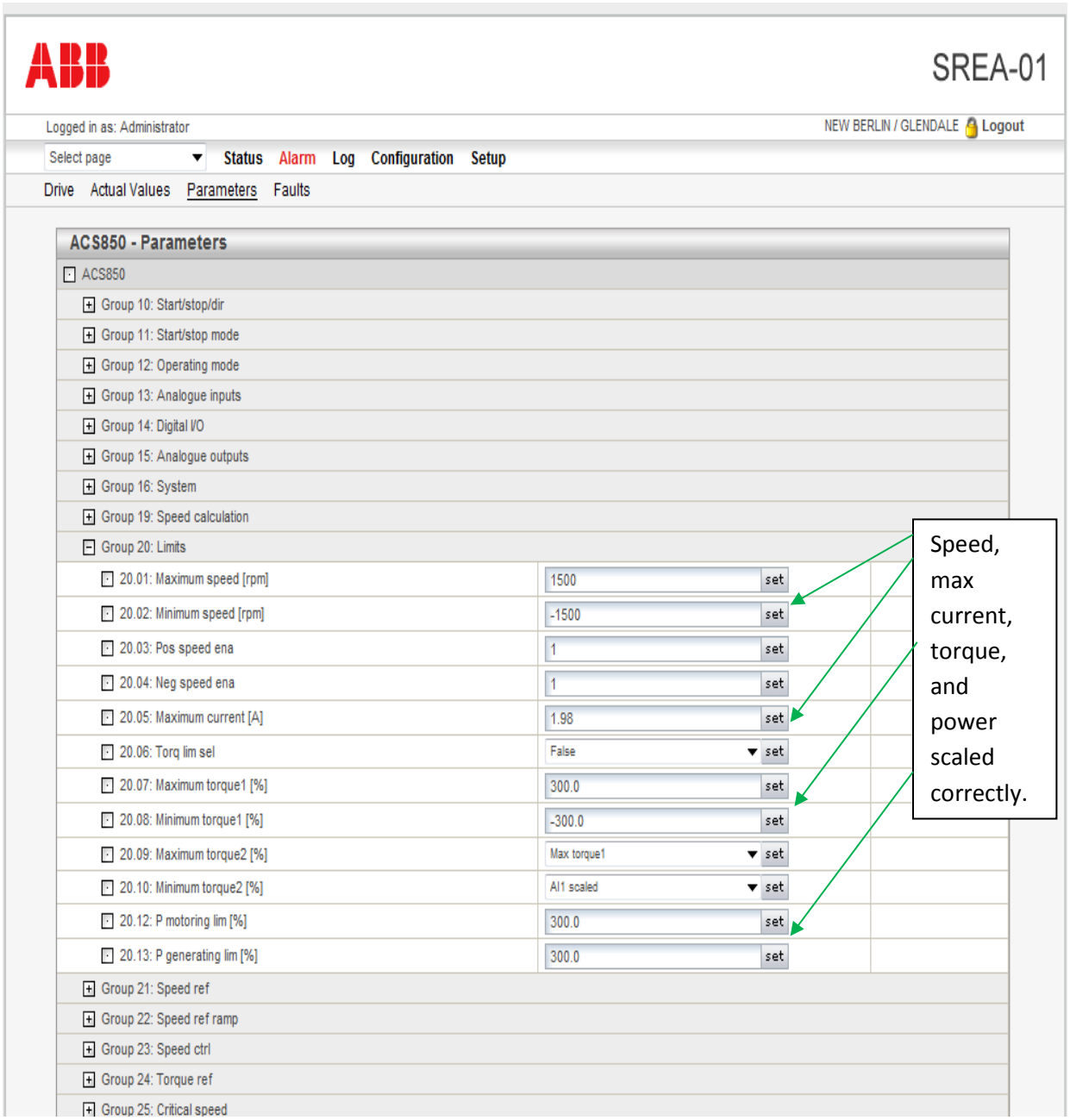

Figure 2

Author: Jeff Fell, Rick Akey, Louis Chatfield – Application Eng.		Date: May 31, 2013
External http://www.abb.us/drives.	Industry – Industrial or PLC	Document #: LVD-EOTN38U-EN Revision: A
Product Categories: ACS850		

Documents or other reference material:

None

Corrective Actions:

None

Author: Jeff Fell, Rick Akey, Louis Chatfield – Application Eng.		Date: May 31, 2013
External http://www.abb.us/drives.	Industry – Industrial or PLC	Document #: LVD-EOTN38U-EN Revision: A
Product Categories: ACS850		