



Existing Issues for SAG10 Version 3.10

The following issues have been discovered in SAG10 Version 3.10. Issues #1 and #2 have been resolved in SAG10 Version 4.0.4. Issue #3 will be resolved in SAG10 Version 4.0.5.

1. There is an issue with stringing calculations for messenger-supported cables and conductors with either marker balls or PLP spoilers attached. The issue seems to be related to the software using the incorrect design tension and mistakenly using the conductor/messenger weight without attachments. *Note* Initial stringing calculations for Marker Balls are correct. The program correctly uses the “before attachment” ruling span calculations to calculate stringing sags and tensions.
2. The twisted pair (TP) calculation has a minor discrepancy in SAG10 Version 3.10.6 and 3.10.10. A workaround is described below.
 - a. Select the appropriate single conductor in the **Conductor Selection** screen.
 - b. Instead of choosing the TP radiobutton, click **Edit Data**.
 - c. Edit the conductor name by adding “/TP” to the code word.
 - d. Multiply the following by two (2).
 - i. Area
 - ii. Weight
 - iii. RBS
 - iv. kcmil area
 - e. Multiply the diameter by 1.6366.
 - f. Keep the same stress-strain chart number and stranding.
 - g. Click **Accept** or **Save to Custom**.
3. When a project file with a Steel conductor is opened, the wrong stranding and/or strength is displayed. Temporary solution: Reselect the conductor in the **Conductor Selection** screen when opening project files with Steel conductors.