Errata

Listed below are corrections for the MECHATROLINK-II (SI-T3/V) Technical Manual (SIEP C730600 49A). Please correct your manual accordingly.

(1) MECHATROLINK-II Commands　CONNECT：0EH(Connect) MECHATROLINK-II (VER=21H) (p.27)

(ERROR)
When the transmission cycle is equal to the communications time (COM_TIM = 1):
　・32-byte data transmission
　　　1 [ms] ≤ transmission cycle [ms] ≤ 8 [ms]
　　　If the transmission cycle is set to a fractional value, a warning (Data setting warning: A.94) is generated.
　・17-byte data transmission
　　　0.5 [ms] ≤ transmission cycle [ms] ≤ 8 [ms]
　　　If the transmission cycle is not set to a multiple of 0.5 ms, such as 0.75, a warning (Data setting warning: A.94) is generated.
When the transmission cycle is not equal to the communications time (1<COM_TIM ≤ 32):
　　2 [ms] ≤ transmission cycle [ms]　×　COM_TIM ≤ 100 [ms]
　　If the transmission cycle is less than 2 ms and is set to a fractional value, a warning (Data setting warning: A.94) is generated. If the communications cycle is set to a fractional value, a warning (Data setting warning: A.94) is generated.

(CORRECTION)
When the transmission cycle is equal to the communications time (COM_TIM = 1):
　・32-byte data transmission
　　　1 [ms] ≤ transmission cycle [ms] ≤ 8 [ms]
　　　If the transmission cycle is set to a fractional value, a warning (Data setting warning: A.94) is generated.
　・17-byte data transmission
　　　0.5 [ms] ≤ transmission cycle [ms] ≤ 8 [ms]
　　　If the transmission cycle is not set to a multiple of 0.5 ms, such as 0.75, a warning (Data setting warning: A.94) is generated.
When the transmission cycle is not equal to the communications time (COM_TIM ≠ 1):
　　A warning (Data setting warning: A.94) is generated.

(2) MECHATROLINK-II Commands　CONNECT：0EH(Connect) MECHATROLINK-I (VER=10H) (p.28)

(ERROR)
COM_TIM
In MECHATROLINK-I, COM_TIM was set in multiples of two because the units for COM_TIM were 1 = 1 ms and transmission cycles were fixed at 2 ms.
2 [ms] ≤ COM_TIM ≤ 64[ms]
When transferring data in 2 ms cycles, set COM_TIM = 2. To use 4 ms cycles, set COM_TIM = 4.
In the following cases, a warning is generated and the command is ignored. Commands are also ignored in phase 2 (with no alarm).
　・If COM_TIM is set out of range: Data setting warning (A.94)

(CORRECTION)
COM_TIM
In MECHATROLINK-I, COM_TIM = 2 because the units for COM_TIM were 1 = 1 ms and transmission cycles were fixed at 2 ms.
If COM_TIM ≠ 2: Data setting warning (A.94)