Procedure to read COMBUF Registers:

A.- Previous to the procedure, with device in DI mode:

a. Load EEprom with required Values using Cache.
b. Load DI register with appropriate Values.
c. Place the PGA305 in Run Time Mode placing COMPENSATION_RESET = 0.
d. Send 0x00 to Address 0x40 register address 0x08 and 0x09. // to clear COM_DIF_TO_MCU B1 and B2 registers.
e. Send 0x01 to address 0x40 Register 0x0A COM_RX_STATUS // I do this as i found to be useful, but I tried without this and have same results.

B.- Procedure for reading COMBUF (only Temperature as an example):

1. Write Command 0x02 to address 0x40 Register 0x09.
2. Write 0x01 to address 0x40 Register 0x0A, COM_RX_STATUS // I found this to be useful, but **I tried without this and have same results.**
3. Read (Monitor) COM_TX_STATUS (Register 0x06) or COM_RX_STATUS (Register 0x0A) to change but it never happened. **I tried without Waiting too with same results**.
4. Read Byte2(MS Byte) from address 0x40, Register 0x04.
5. Write Command 0x70 to address 0x40 Register 0x09.
6. Write 0x01 to address 0x40 Register 0x0A, COM_RX_STATUS // I found this to be useful, **but I tried without this and have same results**.
7. Read (Monitor) COM_TX_STATUS (Register 0x06) or COM_RX_STATUS (Register 0x0A) to change but it never happened. **I tried without Waiting too with same results.**
8. Reads Byte1 (Mid S Byte) from address 0x40, Register 0x05.
9. Reads Byte0 (Less S Byte) from address 0x40, Register 0x04.

This procedure was done with all possible combination with and without monitoring the status registers with same result:

Read 0x00 and device locked by Dogwatch who was enabled by itself.