Stage: Grism

I1 = 11110001
I2 = 01100011
O2 = 00000000

I1 Bit 1 set. Cell retainer is LATCHED.
I1 Bit 1 not set. Cell retainer is NOT UNLATCHED.
I1 Bit 2 set. Transport is STOWED.
I1 Bit 3 set. Carousel cover is CLOSED.
I1 Bit 4 set. Carousel spare #1 is 1.
I1 Bit 5 not set. Transport is NOT DEPLOYED
I1 Bit 6 not set. Cell is NOT in position according to Switch #1.
I1 Bit 7 not set. Cell is NOT in position according to Switch #2.
I1 Bit 8 set. Transport CLAMP is OFF.

I2 Bit 4 not set. Carousel brake is on. Carousel will not move.

*** BOTH limit switches are set ***