

MARS Video WAGO IO MAP.xls

| <b>MARS Video WAGO-I/O-SYSTEM I/O MAP</b> |               |                |                    |                     |             |
|-------------------------------------------|---------------|----------------|--------------------|---------------------|-------------|
| 750-315                                   |               |                |                    |                     |             |
| Address = 1                               |               |                |                    |                     |             |
| Baud rate = 19200                         |               |                |                    |                     |             |
| <b>Module</b>                             | <b>Type</b>   | <b>Channel</b> | <b>Function</b>    | <b>Reg-byte-bit</b> | <b>Coil</b> |
| 750-502                                   | 2ch DO 24V    | 1              | Pan & Tilt power   | 513-1-0             | 0           |
|                                           |               | 2              | Vicor enable       | 513-1-1             | 1           |
| 750-530(1)                                | 8ch DO 24V    | 1              | Camera             | 513-1-2             | 2           |
|                                           |               | 2              | CTD                | 513-1-3             | 3           |
|                                           |               | 3              | Modem              | 513-1-4             | 4           |
|                                           |               | 4              | ODI                | 513-1-5             | 5           |
|                                           |               | 5              | GFC-0              | 513-1-6             | 6           |
|                                           |               | 6              | GFC-1              | 513-1-7             | 7           |
|                                           |               | 7              | GFC-2              | 513-0-0             | 8           |
|                                           |               | 8              | GFC-3              | 513-0-1             | 9           |
| 750-477                                   | 2ch AI 0-10   | 1              | GFM IN             | 1                   |             |
|                                           |               | 2              | HUMIDITY (can#1)   | 2                   |             |
| 750-477                                   | 2ch AI 0-10   | 1              | HUMIDITY (can#2)   | 3                   |             |
|                                           |               | 2              | spare              | 4                   |             |
| 750-461                                   | 2ch AI RTD    | 1              | TEMP               | 5                   |             |
|                                           |               | 2              | spare              | 6                   |             |
| 750-514                                   | 2ch 12V relay | 1              | HR Pressure Sensor | 513-0-2             | 10          |
|                                           |               | 2              | ADCP               | 513-0-3             | 11          |
| 750-514                                   | 2ch 12V relay | 1              | Video Server       | 513-0-4             | 12          |
|                                           |               | 2              | Hydraphone         | 513-0-5             | 13          |

### PT-25 Connector Pin out

| Pin | Function  | Wire Color |
|-----|-----------|------------|
| 1   | DC common | BLK        |
| 2   | 24VDC     | WHT        |
| 3   | RS-485 A  | RED        |
| 4   | RS-485 B  | GRN        |

[illegible]