wheel arm

**Integration**

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| Test correct reading of SysState.TrackWidthCtl.RodAngle |  |
| Test correct communication with wheel arm unit, without manipulator |  |
| Test correct communication with wheel arm unit, with manipulator |  |
| Test BIT correct inference about wheel arm of normal – right extended – right midway – left extended – left midway – both midway. |  |
| Test error message if bad wheel arm config |  |
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Todo

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| Enter calibration entries for wheel arm |  |
| Wheel arm app – calibrate the wheel arm |  |
| Look all NoElbow instances |  |
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| {& Geom.WheelArmAngleTolerance,94,0.1f,1.0f,0.25f}, // Angle tolerance for wheel arm Vandal must correct | Potentiometer readings are wild. Need to set good precision, then shrink tolerance |
|  | Reports of wheel arm motor faults. Why? |
| **CheckWheelArmPosition** | Must test pin is engaged |

General issues

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| Incorrect encoder mismatch issue |  |
| Simple ground mission inssue |  |
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