FusionV (7T)

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| --- | --- |
| itr=25  #setting Input for inertial sensor  sigmaIMU=20;  AIMU=0.1;  sigmaDVL=2;  ADVL=0.1;  sigmaUSBL=0.1;  AUSBL=40; |  |
| itr=25  #setting Input for inertial sensor  sigmaIMU=20;  AIMU=0.1;  sigmaDVL=2;  ADVL=0.1;  sigmaUSBL=0.1;  AUSBL=40; |  |

That is why this way is not ok giv high sigma to usbl

|  |  |
| --- | --- |
| itr=25  #setting Input for inertial sensor  sigmaIMU=20;  AIMU=0.1;  sigmaDVL=2;  ADVL=1;  sigmaUSBL=0.1;  AUSBL=40; |  |
| itr=25  #setting Input for inertial sensor  sigmaIMU=20;  AIMU=0.1;  sigmaDVL=5;  ADVL=0.1;  sigmaUSBL=5;  AUSBL=40; |  |