

Seeker error model, sensor terms

<i>ABXY2</i>	<i>xy</i> accel bias	0.01 m/s ²
<i>ASF2</i>	<i>xy</i> accel scale	0.0005
<i>AGT2</i>	G reference	0.004 m/s ²
<i>GRB2</i>	<i>xy</i> gyro random bias	0.02 °/hr
<i>GSF2</i>	<i>xy</i> gyro scale	0.002
<i>GGXY2a</i>	<i>xy</i> gyro G-dependent	0.05 °/hr
<i>GGXY2b</i>	<i>xy</i> gyro G-dependent	0.05 °/hr

Seeker error model, environmental

<i>SAG</i>	Sag	0.05°
<i>MXYa</i>	Misalignment	0.05°
<i>MXYb</i>	Misalignment	0.05°
<i>MXYc</i>	Misalignment	0.05°
<i>MXYd</i>	Misalignment	0.05°
<i>DREFS</i>	Depth reference	0.2 m
<i>DSF</i>	Depth scale	1.1E-3
<i>DST</i>	Depth stretch	2.0E-7 m ⁻¹
<i>DLS</i>	Dogleg	0.167

RIGS error model, sensor terms

<i>ABXY3</i>	<i>xy</i> accel bias	0.005 m/s ²
<i>ABZ3</i>	<i>z</i> accel bias	0.005 m/s ²
<i>ASF3</i>	accel scale	0.0006
<i>GD3</i>	gyro drift	0.01°/hr
<i>GRW3</i>	random walk	0.005°/√hr
<i>AZF</i>	initialization	0.075°

RIGS error model, environmental

- *SAG* Sag 0.04°
- *MXYa* Misalignment 0.0125°
- *MXYb* Misalignment 0.0125°
- *MXYc* Misalignment 0.0125°
- *MXYd* Misalignment 0.0125°
- *DREFS* Depth reference 0.2 m
- *DSF* Depth scale 5.5E-4
- *DSTS* Depth stretch 1.4E-7 m⁻¹

Gyro error model differences, well 1

	NN	EE	VV	NE	NV	EV
model 1, 1200m	-0.5	-0.9	0.5	0.0	0.0	0.0
2100m	0.5%	0.0	0.3	0.7%	-0.1	0.2
5100m	0.6%	0.7%	0.4	0.6%	0.5	0.7
model 2, 1200m	-0.5	-0.9	0.5	0.0	0.0	0.0
2100m	0.0%	-0.8	0.3	-0.3%	-0.1	0.2
5100m	0.0%	-0.1%	0.4	0.0%	0.5	0.7
model 3, 1200m	-0.5	-0.9	0.5	0.0	0.0	0.0
2100m	0.0%	-0.5	0.2	-0.2%	0.0	0.3
5100m	-0.1%	-0.2%	-0.5	-0.1%	-0.3	0.5
5400m	-0.1%	-0.2%	-0.3	-0.2%	0.1	0.1
8000m	-0.2%	-0.2%	0.0%	-0.2%	0.0	0.3
model 4, 1200m	-0.4	-0.9	0.5	0.0	0.0	0.0
2100m	0.2%	-1.2	0.3	0.5	0.0	0.3
5100m	0.1%	0.0%	0.2	0.0%	0.6	0.7
5400m	0.0%	0.0%	-0.3	0.0%	-0.4	0.4
8000m	0.0%	-1.3%	0.1%	-0.7%	-0.1	0.2
model 5, 1200m	-0.5	-0.9	0.5	0.0	0.0	0.0
2100m	-0.1%	-0.9	0.5	-0.1%	0.0	0.3
5100m	0.0%	-0.1%	-0.2	0.0%	-0.3	0.6
5400m	0.0%	-0.1%	0.1	0.0%	0.1	0.3
8000m	0.0%	0.0%	0.1%	0.0%	0.0	0.5
model 6, 1200m	-0.5	-0.9	0.5	0.0	0.0	0.0
2100m	-0.1%	-0.9	0.5	-0.1%	0.0	0.3
5100m	0.0%	-0.1%	-0.2	0.0%	-0.3	0.6
5400m	0.0%	-0.1%	0.1	0.0%	0.1	0.3
8000m	0.0%	0.0%	0.1%	0.0%	0.0	0.5

Gyro error model differences, well 2

	NN	EE	VV	NE	NV	EV
model 1, 2000ft	-2.8	-2.7	-0.2	0.0	0.0	0.0
5000ft	-2.1%	-0.3%	0.0	0.3	0.8	0.2
7102ft	-0.9%	-0.4%	-0.5	-2.1%	0.7	0.1
9398ft	-0.8%	-0.7%	0.1%	-2.3%	1.5	1.0
12500ft	-2.3%	-2.3%	-0.1%	-2.7%	0.4	0.3
model 2, 2000ft	-2.8	-2.7	-0.2	0.0	0.0	0.0
5000ft	-2.0%	-0.1%	-0.2	0.1%	0.8	0.2
7102ft	-0.3%	-0.1%	-0.5	-0.1%	0.6	0.1
9398ft	-0.6%	-0.3%	0.2%	0.0%	1.4	1.0
12500ft	0.1%	-0.1%	0.0%	0.1%	0.4	0.3
model 3, 2000ft	-2.8	-2.7	-0.2	0.0	0.0	0.0
5000ft	-2.2%	-0.7%	-0.3	0.1	1.5	0.2
7102ft	0.1%	-1.0%	-0.4	-0.5%	1.2	0.7
9398ft	-1.1%	-0.4%	0.0%	0.0%	0.8	1.0
12500ft	-0.6%	-0.6%	0.1%	-0.5%	1.6	1.2
model 4, 2000ft	-2.5	-2.7	-0.2	0.0	0.0	0.0
5000ft	-2.3%	-0.2%	-0.4	-0.6	1.5	0.2
7102ft	-0.6%	-0.2%	0.4	-0.2%	0.3	0.8
9398ft	-0.8%	-0.2%	0.1%	0.6%	0.9	0.2
12500ft	-0.3%	-0.4%	0.0%	-0.2%	0.8	-0.5
model 5, 2000ft	-2.8	-2.7	-0.2	0.0	0.0	0.0
5000ft	-2.1%	-0.2%	-0.3	-0.4	1.5	0.2
7102ft	-0.6%	-0.2%	-0.4	-0.2%	1.2	0.7
9398ft	-0.9%	-0.9%	0.0%	-0.1%	0.8	1.0
12500ft	-0.1%	-0.2%	0.1%	0.1%	0.8	0.5
model 6, 2000ft	-2.8	-2.7	-0.2	0.0	0.0	0.0
5000ft	-2.2%	-0.2%	-0.3	0.3	1.5	0.2
7102ft	-0.8%	-0.1%	-0.4	-0.3%	1.2	0.7
9398ft	-0.3%	-0.1%	0.0%	0.1%	0.8	1.0
12500ft	0.0%	0.0%	0.1%	0.1%	0.8	0.5

Gyro error model differences, well 3

	NN	EE	VV	NE	NV	EV
model 1, 1110m	-0.2	-0.4	0.4	0.0	-0.4	0.0
2460m	-0.4	-0.1%	0.5	0.0	0.3	0.0
3000m	4.1	-0.1%	0.5	0.9	0.4	0.1
model 2, 1110m	-0.2	-0.1%	0.4	0.0	-0.4	0.0
2460m	-0.4	-0.2%	0.5	0.0	0.3	0.0
3000m	-1.3%	-0.1%	0.5	0.0%	0.4	0.1
model 3, 1110m	-0.2	-1.2	0.4	0.0	-0.4	0.0
2460m	-0.4	-1.1%	-0.1	0.0	0.1	0.0
3000m	-0.6	-1.2%	0.0	-1.1	0.4	0.0
3720m	-0.4%	-1.0%	-0.4	-2.3%	0.0	-0.5
4030m	-0.4%	-0.7%	0.3	-2.7	0.5	0.2
model 4, 1110m	-0.2	-0.7	0.4	0.0	-0.4	0.0
2460m	-1.2	-0.3%	0.0	0.0	-0.1	0.0
3000m	-0.1	0.1%	-0.1	20.3	0.2	0.0
3720m	3.1%	-0.5%	0.1	11.8%	0.4	-0.3
4030m	3.2%	-10.4%	-0.3	15.6%	0.3	0.4
model 5, 1110m	-0.2	-0.8	0.4	0.0	-0.4	0.0
2460m	-0.4	0.0%	-0.1	0.0	0.1	0.0
3000m	-0.8	0.0%	-0.3	0.5	0.4	0.0
3720m	-0.2%	0.1%	-0.4	0.0%	0.0	-0.5
4030m	-0.2%	0.1%	0.3	0.0%	0.5	0.2
model 6, 1110m	-0.2	-0.5	0.4	0.0	-0.4	0.0
2460m	-0.4	-0.1%	-0.2	0.0	0.1	0.0
3000m	-1.0	-0.1%	-0.3	-0.5	0.4	0.5
3720m	-0.2%	0.0%	-0.5	0.5	0.0	-1.4
4030m	-0.2%	0.0%	0.3	1.8	0.5	0.2