

HiRISE – not jitter corrected – MST Image Parameters for USGS AstroLineScanner As of 20 Mar 2013

Relative Orientation:

Nadir-most Image:

Image Data <new_ESP_026339_1700_REDmos_hijit

Sensor Type: USGS AstroLineScanner

	Parameter	Adjust	Accuracy
1	IT pos. bias	<input type="checkbox"/>	100.00000
2	CT pos. bias	<input type="checkbox"/>	100.00000
3	Rad pos. bias	<input type="checkbox"/>	10.00000
4	IT vel. bias	<input type="checkbox"/>	13.00000
5	CT vel. bias	<input type="checkbox"/>	13.00000
6	Rad vel. bias	<input type="checkbox"/>	1.30000
7	Omega bias	<input type="checkbox"/>	0.10000
8	Phi bias	<input type="checkbox"/>	0.10000
9	Kappa bias	<input type="checkbox"/>	0.10000
10	Omega rate	<input type="checkbox"/>	0.00001
11	Phi rate	<input type="checkbox"/>	0.00001
12	Kappa rate	<input type="checkbox"/>	0.00001
13	0.5 Omega ad	<input type="checkbox"/>	0.00000
14	0.5 Phi ad	<input type="checkbox"/>	0.00000
15	0.5 Kappa ad	<input type="checkbox"/>	0.00000
16	Focal length	<input type="checkbox"/>	1.19950

Accuracy Factor: 1.00

Apply to

☒ Selected Image(s) Only

☐ Images in Current Strip

☐ All Images

Stereomate:

Image Data <new_ESP_026194_1700_REDmos_hi

Sensor Type: USGS AstroLineScanner

	Parameter	Adjust	Accuracy
1	IT pos. bias	<input type="checkbox"/>	100.00000
2	CT pos. bias	<input type="checkbox"/>	100.00000
3	Rad pos. bias	<input type="checkbox"/>	10.00000
4	IT vel. bias	<input type="checkbox"/>	13.00000
5	CT vel. bias	<input type="checkbox"/>	13.00000
6	Rad vel. bias	<input type="checkbox"/>	1.30000
7	Omega bias	<input checked="" type="checkbox"/>	0.10000
8	Phi bias	<input checked="" type="checkbox"/>	0.10000
9	Kappa bias	<input checked="" type="checkbox"/>	0.10000
10	Omega rate	<input checked="" type="checkbox"/>	0.00001
11	Phi rate	<input checked="" type="checkbox"/>	0.00001
12	Kappa rate	<input checked="" type="checkbox"/>	0.00001
13	0.5 Omega ad	<input checked="" type="checkbox"/>	0.000001
14	0.5 Phi ad	<input checked="" type="checkbox"/>	0.000001
15	0.5 Kappa ad	<input checked="" type="checkbox"/>	0.000001
16	Focal length	<input type="checkbox"/>	1.19950

Accuracy Factor: 1.00

Apply to

☒ Selected Image(s) Only

☐ Images in Current Strip

☐ All Images

HiRISE – not jitter corrected – MST Image Parameters for USGSAstroLineScanner As of 20 Mar 2013

Controlling to MOLA:

Nadir-most Image:

Image Data <new_ESP_026339_1700_REDmos_hijit

Sensor Type: USGSAstroLineScanner

	Parameter	Adjust	Accuracy
1	IT pos. bias	<input type="checkbox"/>	100.00000
2	CT pos. bias	<input type="checkbox"/>	100.00000
3	Rad pos. bias	<input type="checkbox"/>	10.00000
4	IT vel. bias	<input type="checkbox"/>	13.00000
5	CT vel. bias	<input type="checkbox"/>	13.00000
6	Rad vel. bias	<input type="checkbox"/>	1.30000
7	Omega bias	<input checked="" type="checkbox"/>	0.10000
8	Phi bias	<input checked="" type="checkbox"/>	0.10000
9	Kappa bias	<input checked="" type="checkbox"/>	0.10000
10	Omega rate	<input checked="" type="checkbox"/>	0.00001
11	Phi rate	<input checked="" type="checkbox"/>	0.00001
12	Kappa rate	<input checked="" type="checkbox"/>	0.00001
13	0.5 Omega ad	<input checked="" type="checkbox"/>	0.000001
14	0.5 Phi ad	<input checked="" type="checkbox"/>	0.000001
15	0.5 Kappa ad	<input checked="" type="checkbox"/>	0.000001
16	Focal length	<input type="checkbox"/>	1.19950

Accuracy Factor: 1.00

Apply to

☒ Selected Image(s) Only

☐ Images in Current Strip

☐ All Images

Stereomate:

Image Data <new_ESP_026194_1700_REDmos_hi

Sensor Type: USGSAstroLineScanner

	Parameter	Adjust	Accuracy
1	IT pos. bias	<input type="checkbox"/>	100.00000
2	CT pos. bias	<input type="checkbox"/>	100.00000
3	Rad pos. bias	<input type="checkbox"/>	10.00000
4	IT vel. bias	<input type="checkbox"/>	13.00000
5	CT vel. bias	<input type="checkbox"/>	13.00000
6	Rad vel. bias	<input type="checkbox"/>	1.30000
7	Omega bias	<input checked="" type="checkbox"/>	0.10000
8	Phi bias	<input checked="" type="checkbox"/>	0.10000
9	Kappa bias	<input checked="" type="checkbox"/>	0.10000
10	Omega rate	<input checked="" type="checkbox"/>	0.00001
11	Phi rate	<input checked="" type="checkbox"/>	0.00001
12	Kappa rate	<input checked="" type="checkbox"/>	0.00001
13	0.5 Omega ad	<input checked="" type="checkbox"/>	0.000001
14	0.5 Phi ad	<input checked="" type="checkbox"/>	0.000001
15	0.5 Kappa ad	<input checked="" type="checkbox"/>	0.000001
16	Focal length	<input type="checkbox"/>	1.19950

Accuracy Factor: 1.00

Apply to

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☐ Images in Current Strip

☐ All Images

HiRISE – DEJITTERED – MST Image Parameters for USGS AstroLineScanner As of 20 Mar 2013

Relative Orientation:

Nadir-most Image:

Image Data <new_PSP_002446_1700_RED_DEJ

Sensor Type: USGS AstroLineScanner

	Parameter	Adjust	Accuracy
1	IT pos. bias	<input type="checkbox"/>	100.00000
2	CT pos. bias	<input type="checkbox"/>	100.00000
3	Rad pos. bias	<input type="checkbox"/>	10.00000
4	IT vel. bias	<input type="checkbox"/>	13.00000
5	CT vel. bias	<input type="checkbox"/>	13.00000
6	Rad vel. bias	<input type="checkbox"/>	1.30000
7	Omega bias	<input type="checkbox"/>	0.10000
8	Phi bias	<input type="checkbox"/>	0.10000
9	Kappa bias	<input type="checkbox"/>	0.10000
10	Omega rate	<input type="checkbox"/>	0.00001
11	Phi rate	<input type="checkbox"/>	0.00001
12	Kappa rate	<input type="checkbox"/>	0.00001
13	0.5 Omega ad	<input type="checkbox"/>	0.00000
14	0.5 Phi ad	<input type="checkbox"/>	0.00000
15	0.5 Kappa ad	<input type="checkbox"/>	0.00000
16	Focal length	<input type="checkbox"/>	1.19950

Accuracy Factor: 1.00

Apply to

☒ Selected Image(s) Only

☐ Images in Current Strip

☐ All Images

Stereomate:

Image Data <new_PSP_001602_1700_RED_DEJ

Sensor Type: USGS AstroLineScanner

	Parameter	Adjust	Accuracy
1	IT pos. bias	<input type="checkbox"/>	100.00000
2	CT pos. bias	<input type="checkbox"/>	100.00000
3	Rad pos. bias	<input type="checkbox"/>	10.00000
4	IT vel. bias	<input type="checkbox"/>	13.00000
5	CT vel. bias	<input type="checkbox"/>	13.00000
6	Rad vel. bias	<input type="checkbox"/>	1.30000
7	Omega bias	<input checked="" type="checkbox"/>	0.10000
8	Phi bias	<input checked="" type="checkbox"/>	0.10000
9	Kappa bias	<input checked="" type="checkbox"/>	0.10000
10	Omega rate	<input checked="" type="checkbox"/>	0.00001
11	Phi rate	<input checked="" type="checkbox"/>	0.000005
12	Kappa rate	<input checked="" type="checkbox"/>	0.00001
13	0.5 Omega ad	<input checked="" type="checkbox"/>	0.000001
14	0.5 Phi ad	<input checked="" type="checkbox"/>	0.000001
15	0.5 Kappa ad	<input checked="" type="checkbox"/>	0.000001
16	Focal length	<input type="checkbox"/>	1.19950

Accuracy Factor: 1.00

Apply to

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☐ All Images

HiRISE – DEJITTERED – MST Image Parameters for USGSAstroLineScanner As of 20 Mar 2013

Controlling to MOLA:

Nadir-most Image:

Image Data <new_PSP_002446_1700_RED_DEJ

Sensor Type: USGSAstroLineScanner

	Parameter	Adjust	Accuracy
1	IT pos. bias	<input type="checkbox"/>	100.00000
2	CT pos. bias	<input type="checkbox"/>	100.00000
3	Rad pos. bias	<input type="checkbox"/>	10.00000
4	IT vel. bias	<input type="checkbox"/>	13.00000
5	CT vel. bias	<input type="checkbox"/>	13.00000
6	Rad vel. bias	<input type="checkbox"/>	1.30000
7	Omega bias	<input checked="" type="checkbox"/>	0.10000
8	Phi bias	<input checked="" type="checkbox"/>	0.10000
9	Kappa bias	<input checked="" type="checkbox"/>	0.10000
10	Omega rate	<input checked="" type="checkbox"/>	0.00001
11	Phi rate	<input checked="" type="checkbox"/>	0.000005
12	Kappa rate	<input checked="" type="checkbox"/>	0.00001
13	0.5 Omega ad	<input checked="" type="checkbox"/>	0.000001
14	0.5 Phi ad	<input checked="" type="checkbox"/>	0.000001
15	0.5 Kappa ad	<input checked="" type="checkbox"/>	0.000001
16	Focal length	<input type="checkbox"/>	1.19950

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Image Data <new_PSP_001602_1700_RED_DEJ

Sensor Type: USGSAstroLineScanner

	Parameter	Adjust	Accuracy
1	IT pos. bias	<input type="checkbox"/>	100.00000
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4	IT vel. bias	<input type="checkbox"/>	13.00000
5	CT vel. bias	<input type="checkbox"/>	13.00000
6	Rad vel. bias	<input type="checkbox"/>	1.30000
7	Omega bias	<input checked="" type="checkbox"/>	0.10000
8	Phi bias	<input checked="" type="checkbox"/>	0.10000
9	Kappa bias	<input checked="" type="checkbox"/>	0.10000
10	Omega rate	<input checked="" type="checkbox"/>	0.00001
11	Phi rate	<input checked="" type="checkbox"/>	0.000005
12	Kappa rate	<input checked="" type="checkbox"/>	0.00001
13	0.5 Omega ad	<input checked="" type="checkbox"/>	0.000001
14	0.5 Phi ad	<input checked="" type="checkbox"/>	0.000001
15	0.5 Kappa ad	<input checked="" type="checkbox"/>	0.000001
16	Focal length	<input type="checkbox"/>	1.19950

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