



Click on a target for
 coordinate information
 (see notes below)

Note 1: After clicking on a target, click anywhere on the check mark row to see more data.
 Note 2: Turn the check marks off (by clicking on them) if you select another target and want only the new target rows to be checked.

SPEAR3

Name	date <i>mmddy</i>	Z+Zbias <i>meters</i>	X+Xbias <i>meters</i>	Y+Ybias <i>meters</i>
SP1N	092199	89991.26725	69969.87589	1999.03073
SP2N	092199	89982.84945	69970.42029	1999.02278
SP3N	092199	89972.73015	69975.46118	1999.00487
SP4N	092199	89965.11328	69983.81287	1999.01460
SP5N	092199	89961.03015	69994.34911	1999.01580
SP6N	092199	89961.03373	70005.64953	1999.01231
SP7N	092199	89965.11614	70016.18857	1998.99275
SP8N	092199	89972.73157	70024.54185	1999.02435
SP9N	092199	89982.85148	70029.58073	1998.99949
SP9AN	092199	89991.26942	70030.12543	1998.98169
SP9AS	092199	90008.73207	70030.12421	1999.03498
SP9S	092199	90017.15153	70029.57875	1999.00369
SP8S	092199	90027.26298	70024.54794	1999.01717
SP7S3D	092199	90034.49684	70015.89960	1998.95163
SP6S	092199	90038.96764	70005.65159	1999.03186
SP5S	092199	90038.97104	69994.34638	1999.02992
SP4S3D	092199	90034.62658	69984.18713	1998.95262
SP3S	092199	90027.27074	69975.45351	1999.01803
SP2S	092199	90017.15101	69970.41717	1999.01645
SP1S	092199	90008.73419	69969.87388	1999.02477
SP10S	092199	90006.86533	70027.11366	1999.01958
HSPNE	090697	89992.73209	69974.94422	1998.97676
HSPSE	090697	90005.64214	69974.91221	1998.97848
HSP0N	090697	89994.75690	69974.88065	1998.98597
SP01G0	092199	90013.06819	69969.03556	1999.71435
SP02G0	092199	90022.72642	69972.17434	1999.71519
SP03G0	092199	90031.83691	69979.11226	1999.71694
SP04G0	092199	90037.82092	69988.86619	1999.72142
SP05G0	092199	90039.87617	70000.12441	1999.72143
SP06G0	092199	90037.72205	70011.37192	1999.71417
SP07G0	092199	90031.63702	70021.04119	1999.70817
SP08G0	092199	90022.48107	70027.90193	1999.70495

zbias = 90000
 xbias = 70000
 ybias = 2000

SPEAR3

Name	date <i>mmddy</i>	Z+Zbias <i>meters</i>	X+Xbias <i>meters</i>	Y+Ybias <i>meters</i>
SP09G0	092199	90012.82299	70030.98467	1999.70676
SP10G0	092199	89986.94308	70030.96254	1999.70657
SP11G0	092199	89977.27905	70027.82476	1999.70619
SP12G0	092199	89968.16887	70020.88111	1999.70985
SP13G0	092199	89962.18392	70011.13120	1999.70897
SP14G0	092199	89960.12550	69999.87026	1999.70942
SP15G0	092199	89962.26653	69988.64467	1999.70739
SP16G0	092199	89968.33761	69978.93137	1999.70903
SP17G0	092199	89977.49489	69972.07025	1999.71288
SP18G0	092199	89987.17932	69969.01627	1999.71400
SP05LT1	092199	90041.95075	69999.93164	2000.71406
SP14LT1	090697	89958.57295	69999.99533	2000.74228
HRLN010	081895	89956.25583	69999.34444	1998.94373
HRLN020	081895	89948.62001	70002.36273	1998.95012
HRLN030	081895	89949.38943	70012.82382	1998.95953
HRLN040	081895	89958.23830	70026.28027	1998.95913
HRLN050	081895	89964.50805	70033.83431	1998.96147
HRLN060	081895	89974.48004	70038.16589	1998.96668
HRLN070	081895	89980.96056	70046.59357	1998.95232
HRLN080	081895	90003.02780	70049.00572	1998.95833
HRLN090	081895	90013.63075	70042.85790	1998.95677
HBL1N20	081895	89958.90352	69992.63188	1998.94102
HBL2N01	092199	89958.57542	69999.12394	2000.54808
HBL2N02	092199	89958.57049	70001.47560	2000.51612
HBL2N03	092199	89958.75396	70003.37541	2000.49951
HBL2N05	081895	89957.24446	70007.99673	1998.95016
HBL2N10	081895	89957.40243	70017.55176	1998.95216
HBL7N05	081895	89961.31244	70014.14448	1998.93887
HBL7N10	081895	89961.71529	70016.45127	1998.93711
HBL7N20	081895	89963.05228	70023.39717	1998.95718
HBL8N10	081895	89983.67266	70041.43650	1998.96387
HBL9N10	081895	89990.25006	70039.48363	1998.96357
HBL10N10	081895	89964.67451	70021.07787	1998.94477

zbias = 90000
 xbias = 70000
 ybias = 2000

SPEAR3

Name	date <i>mmddy</i>	Z+Zbias <i>meters</i>	X+Xbias <i>meters</i>	Y+Ybias <i>meters</i>
HBL10N15	081895	89968.05633	70023.37602	1998.94778
HBL10N18	081895	89970.95444	70028.01776	1998.94493
HBL10N20	081895	89969.65931	70029.36265	1998.95437
HRLS005	081895	90040.42182	70018.79933	1998.95272
HRLS010	081895	90044.37975	70014.50480	1998.95752
HRLS020	081895	90052.43699	70016.09756	1998.94874
HRLS030	081895	90056.19935	70000.07537	1998.90699
HRLS040	081895	90054.81782	69986.68719	1998.90182
HRLS050	081895	90043.95972	69972.69096	1998.92173
HBL3S10	081895	90041.32232	69987.07731	1998.91540
HBL3S20	081895	90042.10033	69982.33117	1998.91025
HBL4S05	081895	90041.17216	70001.24761	1998.91371
HBL4S10	081895	90041.93045	69997.57835	1998.91969
HBL4S20	081895	90043.22506	69989.94921	1998.91523
HBL5S05	081895	90038.65528	70012.61073	1998.94636
HBL5S10	081895	90040.65983	70009.36698	1998.94074
HBL5S15	081895	90042.92023	70005.64222	1998.94360
HBL6S10	081895	90034.46102	70020.81054	1998.94608
HBL6S20	081895	90038.84298	70017.40254	1998.94849
HBL6S30	081895	90045.79927	70008.72968	1998.94874
HBL11S05	080597	90032.67674	69977.74422	1998.91675
HBL11S10	080597	90030.84047	69974.78441	1998.91806
HBL11S15	080597	90028.30375	69970.68816	1998.91063
HBL11S20	080597	90023.22504	69962.47277	1998.91712
HBL12S05	080597	90039.04893	69987.59005	1998.92058
HBL12S10	080597	90038.54232	69984.82121	1998.91385
HBL12S15	080597	90037.75417	69980.74453	1998.92043
HBL12S20	080597	90036.15160	69972.09723	1998.90435
HBL13S05	080597	90022.14148	69969.93781	1998.92304
HBL13S10	080597	90019.77788	69968.15062	1998.91470
HBL13S15	080597	90015.35786	69964.80737	1998.93636
HRLS060	080597	90041.05750	69967.74048	1998.91636
HRLS070	080597	90036.82426	69958.36776	1998.92089

zbias = 90000
 xbias = 70000
 ybias = 2000

SPEAR3

Name	date <i>mmddy</i>	Z+Zbias <i>meters</i>	X+Xbias <i>meters</i>	Y+Ybias <i>meters</i>
HRLS080	080597	90023.89311	69955.90185	1998.93336
HRLS090	080597	90032.36305	69973.51974	1998.93024
HRLS085	020499	90022.47859	69958.54662	1998.91630
HRLS087	020499	90021.88680	69967.58507	1998.91152
HBL11S18	020499	90024.92649	69964.69672	1998.91165
HRLN087	021199	90010.86878	70041.63203	1998.96067
HRLN093	021199	90016.24651	70039.35325	1998.94150
HRLN100	021199	90025.67021	70039.89335	1998.94293
HRLN105	021199	90030.99024	70036.45450	1998.94797
HRLN110	021199	90034.04340	70030.14474	1998.95377
HRLN115	021199	90038.75424	70028.98825	1998.94951
HRLN120	021199	90039.96976	70022.37767	1998.95038
HRLN125	021199	90045.76359	70021.59734	1998.95098
HRLN130	021199	90045.78622	70017.07964	1998.96456
HRLS025	021199	90054.78788	70005.82740	1998.93584
SP01A1	092199	90013.11608	69970.52699	2000.29098
SP01W1	092199	90012.66762	69967.50553	2000.37762
SP01W2	092199	90015.38235	69967.94484	2000.41905
SP02A1	092199	90021.56033	69973.16519	2000.12898
SP02W1	092199	90020.74455	69968.10633	2000.60229
SP02W2	092199	90025.61598	69971.78159	2000.49763
SP03A1	092199	90030.60936	69979.88491	2000.26221
SP03W1	092199	90032.48015	69976.23379	2000.57849
SP03W2	092199	90034.61064	69979.69329	2000.54808
SP03W3	092199	90035.94377	69981.83433	2001.68840
SP04A1	092199	90036.36737	69989.04286	2000.21690
SP04W1	092199	90037.04136	69983.62118	2000.62344
SP04W2	092199	90039.68857	69989.96498	2000.45640
SP05A1	092199	90038.48018	69999.82006	2000.24927
SP05W1	092199	90042.73276	69995.75432	2000.54630
SP05W2	092199	90041.47158	70002.54828	2000.52827
SP05W3	092199	90040.96193	70005.38076	2000.79743
SP06A1	092199	90036.41829	70010.77501	2000.26265

zbias = 90000
 xbias = 70000
 ybias = 2000

SPEAR3

Name	date <i>mmddyy</i>	Z+Zbias <i>meters</i>	X+Xbias <i>meters</i>	Y+Ybias <i>meters</i>
SP06W1	092199	90040.21367	70011.27365	2000.44096
SP06W2	092199	90038.37436	70013.77965	2000.54272
SP06W3	092199	90038.50465	70018.52331	2000.82446
SP07A1	092199	90030.65109	70020.06800	2000.18888
SP07W1	092199	90032.79881	70022.72490	2000.56914
SP07W2	092199	90028.19217	70026.25754	2000.54049
SP07W3	092199	90028.19231	70026.25759	2000.54056
SP08A1	092199	90022.17861	70026.50594	2000.23016
SP08W1	092199	90026.13720	70027.66058	2000.54362
SP08W2	092199	90020.74228	70030.39156	2000.48489
SP09A1	092199	90012.55506	70029.46550	2000.12989
SP09W1	092199	90015.92644	70031.89451	2000.56372
SP09W2	092199	90012.06646	70032.48682	2000.35211
SP0N	092199	89994.75691	69974.88073	1998.98620
SP10A1	092199	89988.28076	70029.57769	2000.20696
SP10E	092199	90001.45173	70024.64550	1999.01460
SP10N	092199	89994.70815	70025.04372	1999.01487
SP10W1	092199	89989.05570	70032.63211	2000.55284
SP10W2	092199	89985.48336	70032.23957	2000.50926
SP11A1	092199	89978.04578	70026.63112	2000.21738
SP11W1	092199	89977.15810	70030.16593	2000.39708
SP11W3	092199	89969.85668	70027.67506	2000.89380
SP12A1	092199	89969.36560	70020.09507	2000.17826
SP12W2	092199	89964.88354	70019.41062	2000.56653
SP12W3	092199	89961.21671	70017.55275	2000.82514
SP13A1	092199	89963.64239	70010.87527	2000.27296
SP13W1	092199	89960.57850	70012.82048	2000.52279
SP13W2	092199	89960.17153	70009.61427	2000.60013
SP13W3	092199	89960.17160	70009.61429	2000.59998
SP14A1	092199	89961.55239	70000.05187	2000.25099
SP15A1	092199	89963.55862	69989.24232	2000.22043
SP15W1	092199	89958.21244	69992.02346	2000.28718
SP15W2	092199	89960.37720	69989.18938	2000.57440

zbias = 90000
 xbias = 70000
 ybias = 2000

SPEAR3

Name	date <i>mmddyy</i>	Z+Zbias <i>meters</i>	X+Xbias <i>meters</i>	Y+Ybias <i>meters</i>
SP15W3	092199	89962.53150	69984.34210	2000.46708
SP16A1	092199	89969.33649	69979.97292	2000.26899
SP16W1	092199	89964.21188	69981.61241	2001.00656
SP16W3	092199	89970.48781	69974.67571	2000.58587
SP17A1	092199	89978.11991	69973.35720	2000.25676
SP17W1	092199	89974.27797	69972.07563	2000.56067
SP17W2	092199	89976.49667	69970.84317	2000.48716
SP18A1	092199	89987.12630	69970.53708	2000.22278
SP18W1	092199	89984.06895	69968.05268	2000.59416
SP18W2	092199	89989.23493	69967.42884	2000.67863
SP1N3D	092199	89991.30637	69969.45306	1998.94086
SP1S3D	092199	90008.36615	69969.55690	1998.97713
SP2N3D	092199	89983.06758	69970.08460	1998.95688
SP2S3D	092199	90017.50494	69970.25042	1998.95029
SP3N3D	092199	89973.06934	69975.27007	1998.94330
SP3S3D	092199	90027.65387	69975.68371	1998.97208
SP4N3D	092199	89965.02939	69984.14311	1998.94174
SP5N3D	092199	89961.13139	69993.96077	1998.96761
SP5S3D	092199	90039.03974	69994.72453	1998.93947
SP6N3D	092199	89960.97638	70005.26304	1998.94814
SP6S3D	092199	90038.99803	70005.95261	1998.90848
SP7N3D	092199	89964.92036	70015.84168	1998.94258
SP8N3D	092199	89973.10578	70024.67080	1998.94826
SP8S3D	092199	90026.89122	70024.62907	1998.96169
SP9AN3D	092199	89992.78304	70030.55246	1999.01031
SP9AS3D	092199	90009.89750	70030.74274	1999.00755
SP9N3D	092199	89983.00670	70029.92193	1998.95027
SP9S3D	092199	90017.42740	70029.83166	1998.94516
SPNE	092199	89992.73210	69974.94430	1998.97685
SPSE	092199	90005.64220	69974.91223	1998.97887
SPWEST0	092199	90000.17733	69975.31636	1998.97531
HBL11S16	072700	90030.75326	69966.67014	1998.91485

zbias = 90000
 xbias = 70000
 ybias = 2000

SPEAR3

Name	phi <i>degrees</i>	A <i>meters</i>	B <i>meters</i>	my <i>meters</i>
SP1N	107.2	0.00005	0.00003	0.00002
SP2N	124.3	0.00005	0.00003	0.00002
SP3N	143.4	0.00005	0.00003	0.00002
SP4N	168.6	0.00005	0.00003	0.00002
SP5N	190.7	0.00005	0.00003	0.00002
SP6N	14.9	0.00004	0.00003	0.00002
SP7N	38.3	0.00004	0.00002	0.00002
SP8N	58.1	0.00004	0.00002	0.00002
SP9N	74.1	0.00005	0.00003	0.00002
SP9AN	90.5	0.00005	0.00003	0.00002
SP9AS	108.2	0.00005	0.00003	0.00002
SP9S	118.3	0.00006	0.00003	0.00002
SP8S	143.5	0.00005	0.00002	0.00002
SP7S3D	163.3	0.00004	0.00002	0.00002
SP6S	187.9	0.00004	0.00002	0.00002
SP5S	13.1	0.00004	0.00002	0.00002
SP4S3D	33.5	0.00004	0.00002	0.00002
SP3S	54.2	0.00005	0.00003	0.00002
SP2S	71.9	0.00005	0.00003	0.00002
SP1S	89.9	0.00006	0.00003	0.00002
SP10S	112.4	0.00006	0.00003	0.00002
HSPNE	0	0	0	0
HSPSE	0	0	0	0
HSP0N	0	0	0	0
SP01G0	74.4	0.00005	0.00003	0.00002
SP02G0	61.0	0.00005	0.00003	0.00002
SP03G0	43.2	0.00004	0.00002	0.00002
SP04G0	23.7	0.00004	0.00002	0.00002
SP05G0	199.6	0.00004	0.00002	0.00002
SP06G0	177.8	0.00004	0.00002	0.00002
SP07G0	156.3	0.00005	0.00002	0.00002
SP08G0	132.2	0.00005	0.00002	0.00002

zbias = 90000
 xbias = 70000
 ybias = 2000

SPEAR3

Name	phi <i>degrees</i>	A <i>meters</i>	B <i>meters</i>	my <i>meters</i>
SP09G0	116.5	0.00005	0.00002	0.00002
SP10G0	77.9	0.00005	0.00003	0.00002
SP11G0	65.8	0.00005	0.00002	0.00002
SP12G0	47.6	0.00004	0.00002	0.00002
SP13G0	28.3	0.00004	0.00002	0.00002
SP14G0	5.5	0.00004	0.00003	0.00002
SP15G0	177.3	0.00005	0.00003	0.00002
SP16G0	154.8	0.00005	0.00003	0.00002
SP17G0	133.3	0.00005	0.00003	0.00002
SP18G0	114.9	0.00005	0.00003	0.00002
SP05LT1	1.8	0.00004	0.00003	0.00004
SP14LT1	0	0	0	0
HRLN010	176.1	0.00023	0.00010	0.04800
HRLN020	161.2	0.00027	0.00016	0.05500
HRLN030	169.8	0.00023	0.00016	0.06000
HRLN040	159.5	0.00018	0.00015	0.05400
HRLN050	145.5	0.00017	0.00010	0.04700
HRLN060	69.7	0.00022	0.00016	0.05300
HRLN070	81.5	0.00023	0.00016	0.05200
HRLN080	122.0	0.00023	0.00015	0.08400
HRLN090	138.0	0.00022	0.00016	0.09300
HBL1N20	51.1	0.00007	0.00002	0.03600
HBL2N01	199.9	0.00004	0.00003	0.00004
HBL2N02	7.7	0.00004	0.00004	0.00006
HBL2N03	192.6	0.00004	0.00003	0.00005
HBL2N05	67.4	0.00026	0.00024	0.07900
HBL2N10	69.6	0.00026	0.00021	0.05800
HBL7N05	11.3	0.00014	0.00005	0.03500
HBL7N10	24.8	0.00013	0.00005	0.04400
HBL7N20	13.6	0.00015	0.00009	0.06000
HBL8N10	101.9	0.00022	0.00017	0.04700
HBL9N10	72.5	0.00018	0.00013	0.05200
HBL10N10	143.3	0.00027	0.00015	0.07300

zbias = 90000
 xbias = 70000
 ybias = 2000

SPEAR3

Name	phi <i>degrees</i>	A <i>meters</i>	B <i>meters</i>	my <i>meters</i>
HBL10N15	77.1	0.00013	0.00003	0.03500
HBL10N18	165.4	0.00011	0.00003	0.04500
HBL10N20	147.7	0.00027	0.00011	0.04800
HRLS005	58.2	0.00016	0.00004	0.03100
HRLS010	139.7	0.00021	0.00017	0.02900
HRLS020	176.0	0.00022	0.00014	0.03800
HRLS030	0.4	0.00016	0.00014	0.03800
HRLS040	26.3	0.00022	0.00018	0.04600
HRLS050	69.5	0.00037	0.00029	0.05400
HBL3S10	19.3	0.00040	0.00028	0.07100
HBL3S20	15.6	0.00040	0.00029	0.06600
HBL4S05	187.8	0.00008	0.00002	0.03400
HBL4S10	186.2	0.00013	0.00004	0.04300
HBL4S20	190.1	0.00019	0.00008	0.07600
HBL5S05	167.0	0.00008	0.00003	0.05100
HBL5S10	193.6	0.00007	0.00003	0.03300
HBL5S15	180.2	0.00014	0.00006	0.05300
HBL6S10	176.0	0.00007	0.00003	0.05400
HBL6S20	75.0	0.00007	0.00003	0.03800
HBL6S30	124.1	0.00015	0.00010	0.03700
HBL11S05	0	0	0	0
HBL11S10	0	0	0	0
HBL11S15	0	0	0	0
HBL11S20	0	0	0	0
HBL12S05	0	0	0	0
HBL12S10	0	0	0	0
HBL12S15	0	0	0	0
HBL12S20	0	0	0	0
HBL13S05	0	0	0	0
HBL13S10	0	0	0	0
HBL13S15	0	0	0	0
HRLS060	0	0	0	0
HRLS070	0	0	0	0

zbias = 90000
 xbias = 70000
 ybias = 2000

SPEAR3

Name	phi <i>degrees</i>	A <i>meters</i>	B <i>meters</i>	my <i>meters</i>
HRLS080	0	0	0	0
HRLS090	0	0	0	0
HRLS085	0	0	0	0
HRLS087	0	0	0	0
HBL11S18	0	0	0	0
HRLN087	0	0	0	0
HRLN093	0	0	0	0
HRLN100	0	0	0	0
HRLN105	0	0	0	0
HRLN110	0	0	0	0
HRLN115	0	0	0	0
HRLN120	0	0	0	0
HRLN125	0	0	0	0
HRLN130	0	0	0	0
HRLS025	0	0	0	0
SP01A1	108.9	0.00007	0.00005	0.00002
SP01W1	66.3	0.00006	0.00003	0.00005
SP01W2	72.7	0.00005	0.00003	0.00004
SP02A1	65.9	0.00006	0.00003	0.00003
SP02W1	60.7	0.00005	0.00002	0.00004
SP02W2	57.8	0.00004	0.00003	0.00003
SP03A1	45.9	0.00006	0.00003	0.00002
SP03W1	49.1	0.00004	0.00003	0.00005
SP03W2	49.8	0.00004	0.00003	0.00005
SP03W3	41.6	0.00005	0.00003	0.00004
SP04A1	22.5	0.00005	0.00003	0.00002
SP04W1	13.6	0.00005	0.00003	0.00005
SP04W2	20.5	0.00004	0.00003	0.00004
SP05A1	1.2	0.00004	0.00003	0.00002
SP05W1	198.5	0.00004	0.00003	0.00004
SP05W2	6.2	0.00004	0.00002	0.00004
SP05W3	189.2	0.00004	0.00002	0.00003
SP06A1	174.0	0.00005	0.00003	0.00002

zbias = 90000
 xbias = 70000
 ybias = 2000

SPEAR3

Name	phi <i>degrees</i>	A <i>meters</i>	B <i>meters</i>	my <i>meters</i>
SP06W1	174.0	0.00004	0.00003	0.00005
SP06W2	178.5	0.00004	0.00002	0.00003
SP06W3	179.8	0.00004	0.00003	0.00006
SP07A1	152.8	0.00006	0.00003	0.00002
SP07W1	151.9	0.00005	0.00003	0.00003
SP07W2	161.2	0.00008	0.00004	0.00007
SP07W3	143.6	0.00005	0.00002	0.00005
SP08A1	129.2	0.00006	0.00003	0.00002
SP08W1	124.3	0.00005	0.00003	0.00005
SP08W2	136.1	0.00005	0.00003	0.00005
SP09A1	111.8	0.00006	0.00003	0.00002
SP09W1	124.9	0.00005	0.00003	0.00006
SP09W2	122.5	0.00006	0.00003	0.00003
SP0N	116.0	0.00005	0.00004	0.00002
SP10A1	99.5	0.00007	0.00004	0.00002
SP10E	107.5	0.00005	0.00004	0.00002
SP10N	83.2	0.00005	0.00004	0.00002
SP10W1	82.3	0.00005	0.00002	0.00004
SP10W2	76.3	0.00005	0.00003	0.00005
SP11A1	70.4	0.00006	0.00003	0.00002
SP11W1	64.2	0.00005	0.00003	0.00003
SP11W3	55.0	0.00005	0.00003	0.00006
SP12A1	49.1	0.00006	0.00003	0.00002
SP12W2	59.1	0.00004	0.00003	0.00005
SP12W3	31.1	0.00004	0.00003	0.00005
SP13A1	26.4	0.00005	0.00003	0.00002
SP13W1	31.4	0.00004	0.00004	0.00006
SP13W2	38.3	0.00004	0.00003	0.00003
SP13W3	42.1	0.00008	0.00004	0.00008
SP14A1	1.5	0.00006	0.00003	0.00002
SP15A1	178.2	0.00006	0.00003	0.00002
SP15W1	154.3	0.00005	0.00004	0.00006
SP15W2	182.6	0.00004	0.00003	0.00004

zbias = 90000
 xbias = 70000
 ybias = 2000

SPEAR3

Name	phi <i>degrees</i>	A <i>meters</i>	B <i>meters</i>	my <i>meters</i>
SP15W3	188.4	0.00005	0.00003	0.00005
SP16A1	161.7	0.00006	0.00003	0.00002
SP16W1	183.7	0.00008	0.00004	0.00007
SP16W3	148.7	0.00004	0.00003	0.00004
SP17A1	124.9	0.00008	0.00004	0.00002
SP17W1	140.6	0.00004	0.00003	0.00004
SP17W2	140.3	0.00005	0.00003	0.00003
SP18A1	122.1	0.00008	0.00004	0.00002
SP18W1	127.4	0.00005	0.00003	0.00004
SP18W2	124.7	0.00006	0.00003	0.00005
SP1N3D	108.2	0.00005	0.00003	0.00003
SP1S3D	85.9	0.00005	0.00003	0.00003
SP2N3D	126.0	0.00005	0.00003	0.00003
SP2S3D	71.5	0.00005	0.00003	0.00003
SP3N3D	142.7	0.00005	0.00003	0.00003
SP3S3D	51.2	0.00005	0.00003	0.00003
SP4N3D	168.5	0.00005	0.00003	0.00003
SP5N3D	190.1	0.00005	0.00003	0.00003
SP5S3D	12.3	0.00004	0.00002	0.00002
SP6N3D	15.0	0.00004	0.00003	0.00003
SP6S3D	187.4	0.00004	0.00003	0.00002
SP7N3D	38.6	0.00004	0.00003	0.00003
SP8N3D	59.5	0.00005	0.00002	0.00003
SP8S3D	142.7	0.00005	0.00003	0.00002
SP9AN3D	91.6	0.00005	0.00003	0.00002
SP9AS3D	112.0	0.00006	0.00003	0.00002
SP9N3D	74.7	0.00005	0.00003	0.00003
SP9S3D	118.0	0.00006	0.00003	0.00002
SPNE	124.9	0.00006	0.00004	0.00002
SPSE	80.2	0.00005	0.00004	0.00002
SPWEST0	94.9	0.00005	0.00004	0.00002
HBL11S16	0	0	0	0

zbias = 90000
 xbias = 70000
 ybias = 2000