Linac:

Under construction

In m and degrees

Name	Center global (Z)	Center global (X)	Center global (Y)	Yaw global	Pitch global	Roll global

HEBT Line:

Name	Center global (Z)	Center global (X)	Center global (Y)	Yaw global	Pitch global	Roll global
HEBT.QV1	19881.174844	10000.000000	2000.046000	0	0	0
HEBT.QH2	19885.174844	10000.000000	2000.046000	0	0	0
HEBT.QV3	19889.174844	10000.000000	2000.046000	0	0	0
HEBT.QH4	19893.174844	10000.000000	2000.046000	0	0	0
HEBT.QV5	19897.174844	10000.000000	2000.046000	0	0	0
HEBT.QH6	19901.174844	10000.000000	2000.046000	0	0	0
HEBT.QV7	19905.174844	10000.000000	2000.046000	0	0	0
HEBT.QH8	19909.174844	10000.000000	2000.046000	0	0	0
HEBT.QV9	19913.174844	10000.000000	2000.046000	0	0	0
HEBT.QH10	19917.174844	10000.000000	2000.046000	0	0	0
HEBT.QV11	19921.674844	10000.000000	2000.046000	0	0	0
HEBT.DH11	19925.087342	10000.130800	2000.046000	5.625	0	0
HEBT.QH12	19928.950180	10000.765804	2000.046000	11.25	0	0
HEBT.DH12	19932.271589	10001.559836	2000.046000	16.875	0	0
HEBT.QV13	19935.936315	10002.936241	2000.046000	22.5	0	0
HEBT.DH13	19939.038999	10004.362991	2000.046000	28.125	0	0
HEBT.QH14	19942.364790	10006.427903	2000.046000	33.75	0	0
HEBT.DH14	19945.129506	10008.432542	2000.046000	39.375	0	0
HEBT.QV15	19947.988549	10011.106606	2000.046000	45	0	0
HEBT.DH15	19950.309060	10013.612098	2000.046000	50.625	0	0
HEBT.QH16	19952.591485	10016.792550	2000.046000	56.25	0	0
HEBT.DH16	19954.378610	10019.702612	2000.046000	61.875	0	0
HEBT.QV17	19955.996705	10023.267229	2000.046000	67.5	0	0
HEBT.DH17	19957.181771	10026.470026	2000.046000	73.125	0	0
HEBT.QH18	19958.073346	10030.281824	2000.046000	78.75	0	0
HEBT.DH18	19958.610803	10033.654274	2000.046000	84.375	0	0
HEBT.QV19	19958.741601	10037.566765	2000.046000	90	0	0
HEBT.QH20	19958.741601	10043.066765	2000.046000	90	0	0
HEBT.QV21	19958.741601	10048.066765	2000.046000	90	0	0
HEBT.QH22	19958.741601	10052.566765	2000.046000	90	0	0

HEBT.QV23	19958.741601	10057.066765	2000.046000	90	0	0
HEBT.QH24	19958.741601	10061.566765	2000.046000	90	0	0
HEBT.QV25	19958.741601	10066.066765	2000.046000	90	0	0
HEBT.DH25	19958.820718	10068.886757	2000.046000	85.6225	0	0
HEBT.QH26	19959.171751	10071.640914	2000.046000	81.245	0	0
HEBT.QV27	19959.780584	10075.639306	2000.046000	81.245	0	0
HEBT.QH28	19960.389417	10079.592698	2000.046000	81.245	0	0
HEBT.QV29	19960.998251	10083.546090	2000.046000	81.245	0	0
HEBT.QH30	19961.530981	10087.005303	2000.046000	81.245	0	0
HEBT.QV31	19962.139814	10090.958695	2000.046000	81.245	0	0
HEBT.QH32	19962.748647	10094.912087	2000.046000	81.245	0	0
HEBT.QV33	19963.755514	10101.450005	2000.046000	81.245	0	0
HEBT.QH34	19963.886411	10102.299981	2000.046000	81.245	0	0

Injection Dump:

INJSEPTM1	19964.305818	10105.302132	2000.046000	84.42049	0	0
INJBND2	19964.524942	10109.609055	2000.046000	88.798	0	0
INJBND3	19964.526433	10111.513209	2000.046000	-89.39839	0	0
INJBND4	19964.481108	10113.541629	2000.046000	-87.47326	0	0
INJSEPTM2	19964.306004	10115.591881	2000.046000	-81.75133	0	0
IDUMP.Q1	19962.767948	10122.640060	2000.046000	-77.35293	0	0
IDUMP	19958.312420	10142.496311	2000.046000	-77.35293	0	0

Linac Dump:

LDUMP.QH1	19929.674844	10000.000000	2000.046000	0	0	0
LDUMP.QV2	19933.174844	10000.000000	2000.046000	0	0	0
LDUMP.QH3	19937.174844	10000.000000	2000.046000	0	0	0
LDUMP.QV4	19938.174844	10000.000000	2000.046000	0	0	0
LDUMP.QH5	19942.174844	10000.000000	2000.046000	0	0	0
LDUMP.QV6	19943.174844	10000.000000	2000.046000	0	0	0
LDUMP	19959.047844	10000.000000	2000.046000	0	0	0

In m and degrees

Name	Center global (Z)	Center global (X)	Center global (Y)	Yaw global	Pitch global	Roll global

Ring:

Name	Center global (Z)	Center global (X)	Center global (Y)	Yaw global	Pitch global	Roll global
QHA10	19964.669100	10103.061218	2000.000000	90.00000	0.00000	0.00000
QVA11	19964.669100	10104.086218	2000.000000	90.00000	0.00000	0.00000
QVA12	19964.669100	10117.136218	2000.000000	90.00000	0.00000	0.00000
QHA13	19964.669100	10118.161218	2000.000000	90.00000	0.00000	0.00000
QVB1	19964.669100	10125.611218	2000.000000	90.00000	0.00000	0.00000
DHB1	19964.705886	10127.610014	2000.000000	84.37500	0.00000	0.00000
QHB2	19965.059753	10129.577580	2000.000000	78.75000	0.00000	0.00000
DHB2	19965.485777	10131.530793	2000.000000	73.12500	0.00000	0.00000
QVB3	19966.216698	10133.391517	2000.000000	67.50000	0.00000	0.00000
DHB3	19967.015589	10135.224086	2000.000000	61.87500	0.00000	0.00000
QHB4	19968.095474	10136.906461	2000.000000	56.25000	0.00000	0.00000
DHB4	19969.236532	10138.547962	2000.000000	50.62500	0.00000	0.00000
QVB5	19970.623883	10139.987335	2000.000000	45.00000	0.00000	0.00000
DHB6	19972.063256	10141.374686	2000.000000	39.37500	0.00000	0.00000
QHB6	19973.704757	10142.515744	2000.000000	33.75000	0.00000	0.00000
DHB7	19975.387132	10143.595629	2000.000000	28.12500	0.00000	0.00000
QVB7	19977.219702	10144.394521	2000.000000	22.50000	0.00000	0.00000
DHB8	19979.080425	10145.125441	2000.000000	16.87500	0.00000	0.00000
QHB8	19981.033638	10145.551466	2000.000000	11.25000	0.00000	0.00000
DHB9	19983.001204	10145.905332	2000.000000	5.62500	0.00000	0.00000
QVB9	19985.000000	10145.942118	2000.000000	0.00000	0.00000	0.00000
QHB10	19992.450000	10145.942118	2000.000000	0.00000	0.00000	0.00000
QVB11	19993.475000	10145.942118	2000.000000	0.00000	0.00000	0.00000
QVB12	20006.525000	10145.942118	2000.000000	0.00000	0.00000	0.00000
QHB13	20007.550000	10145.942118	2000.000000	0.00000	0.00000	0.00000
QVC1	20015.000000	10145.942118	2000.000000	0.00000	0.00000	0.00000
DHC1	20016.998796	10145.905332	2000.000000	-5.62500	0.00000	0.00000
QHC2	20018.966362	10145.551466	2000.000000	-11.25000	0.00000	0.00000
DHC2	20020.919575	10145.125441	2000.000000	-16.87500	0.00000	0.00000
QVC3	20022.780299	10144.394521	2000.000000	-22.50000	0.00000	0.00000

DHC3	20024.612868	10143.595629	2000.000000	-28.12500	0.00000	0.00000
QHC4	20026.295243	10142.515744	2000.000000	-33.75000	0.00000	0.00000
DHC4	20027.936744	10141.374686	2000.000000	-39.37500	0.00000	0.00000
QVC5	20029.376118	10139.987335	2000.000000	-45.00000	0.00000	0.00000
DHC6	20030.763468	10138.547962	2000.000000	-50.62500	0.00000	0.00000
QHC6	20031.904526	10136.906461	2000.000000	-56.25000	0.00000	0.00000
DHC7	20032.984411	10135.224086	2000.000000	-61.87500	0.00000	0.00000
QVC7	20033.783303	10133.391517	2000.000000	-67.50000	0.00000	0.00000
DHC8	20034.514223	10131.530793	2000.000000	-73.12500	0.00000	0.00000
QHC8	20034.940248	10129.577580	2000.000000	-78.75000	0.00000	0.00000
DHC9	20035.294115	10127.610014	2000.000000	-84.37500	0.00000	0.00000
QVC9	20035.330900	10125.611218	2000.000000	90.00000	0.00000	0.00000
QHC10	20035.330900	10118.161218	2000.000000	90.00000	0.00000	0.00000
QVC11	20035.330900	10117.136218	2000.000000	90.00000	0.00000	0.00000
QVC12	20035.330900	10104.086218	2000.000000	90.00000	0.00000	0.00000
QHC13	20035.330900	10103.061218	2000.000000	90.00000	0.00000	0.00000
QVD1	20035.330900	10095.611218	2000.000000	90.00000	0.00000	0.00000
DHD1	20035.294115	10093.612422	2000.000000	84.37500	0.00000	0.00000
QHD2	20034.940248	10091.644856	2000.000000	78.75000	0.00000	0.00000
DHD2	20034.514223	10089.691643	2000.000000	73.12500	0.00000	0.00000
QVD3	20033.783303	10087.830919	2000.000000	67.50000	0.00000	0.00000
DHD3	20032.984411	10085.998350	2000.000000	61.87500	0.00000	0.00000
QHD4	20031.904526	10084.315975	2000.000000	56.25000	0.00000	0.00000
DHD4	20030.763468	10082.674474	2000.000000	50.62500	0.00000	0.00000
QVD5	20029.376118	10081.235101	2000.000000	45.00000	0.00000	0.00000
DHD6	20027.936744	10079.847750	2000.000000	39.37500	0.00000	0.00000
QHD6	20026.295243	10078.706692	2000.000000	33.75000	0.00000	0.00000
DHD7	20024.612868	10077.626807	2000.000000	28.12500	0.00000	0.00000
QVD7	20022.780299	10076.827915	2000.000000	22.50000	0.00000	0.00000
DHD8	20020.919575	10076.096995	2000.000000	16.87500	0.00000	0.00000
QHD8	20018.966362	10075.670970	2000.000000	11.25000	0.00000	0.00000
DHD9	20016.998796	10075.317104	2000.000000	5.62500	0.00000	0.00000
QVD9	20015.000000	10075.280318	2000.000000	90.00000	0.00000	0.00000
QHD10	20007.550000	10075.280318	2000.000000	90.00000	0.00000	0.00000
QVD11	20006.525000	10075.280318	2000.000000	90.00000	0.00000	0.00000
QVD12	19993.475000	10075.280318	2000.000000	90.00000	0.00000	0.00000

QHD13	19992.450000	10075.280318	2000.000000	90.00000	0.00000	0.00000
QVA1	19985.000000	10075.280318	2000.000000	90.00000	0.00000	0.00000
DHA1	19983.001204	10075.317104	2000.000000	-5.62500	0.00000	0.00000
QHA2	19981.033638	10075.670970	2000.000000	-11.25000	0.00000	0.00000
DHA2	19979.080425	10076.096995	2000.000000	-16.87500	0.00000	0.00000
QVA3	19977.219702	10076.827915	2000.000000	-22.50000	0.00000	0.00000
DHA3	19975.387132	10077.626807	2000.000000	-28.12500	0.00000	0.00000
QHA4	19973.704757	10078.706692	2000.000000	-33.75000	0.00000	0.00000
DHA4	19972.063256	10079.847750	2000.000000	-39.37500	0.00000	0.00000
QVA5	19970.623883	10081.235101	2000.000000	-45.00000	0.00000	0.00000
DHA6	19969.236532	10082.674474	2000.000000	-50.62500	0.00000	0.00000
QHA6	19968.095474	10084.315975	2000.000000	-56.25000	0.00000	0.00000
DHA7	19967.015589	10085.998350	2000.000000	-61.87500	0.00000	0.00000
QVA7	19966.216698	10087.830919	2000.000000	-67.50000	0.00000	0.00000
DHA8	19965.485777	10089.691643	2000.000000	-73.12500	0.00000	0.00000
QHA8	19965.059753	10091.644856	2000.000000	-78.75000	0.00000	0.00000
DHA9	19964.705886	10093.612422	2000.000000	-84.37500	0.00000	0.00000
QVA9	19964.669100	10095.611218	2000.000000	90.00000	0.00000	0.00000

In m and degrees

Name	Center global (Z)	Center global (X)	Center global (Y)	Yaw global	Pitch global	Roll global
RTBT Line:						
EXTRSEP1	20035.421550	10105.939300	20000.000000	-81.6	0	0
RTBT.DV1						
RTBT.QV1	20036.790003	10101.093419	1999.817400	-73.2014	0	0
RTBT.QH2	20037.067450	10100.174386	1999.817400	-73.2014	0	0
RTBT.QV3	20038.656997	10094.909090	1999.817400	-73.2014	0	0
RTBT.QH4	20039.772800	10091.213044	1999.817400	-73.2014	0	0
RTBT.QV5	20040.888603	10087.516998	1999.817400	-73.2014	0	0
RTBT.QH6	20042.004407	10083.820953	1999.817400	-73.2014	0	0
RTBT.QV7	20043.120210	10080.124908	1999.817400	-73.2014	0	0
RTBT.QH8	20044.236014	10076.428860	1999.817400	-73.2014	0	0
RTBT.QV9	20045.351818	10072.732811	1999.817400	-73.2014	0	0
RTBT.QH10	20046.467622	10069.036762	1999.817400	-73.2014	0	0
RTBT.QV11	20047.583426	10065.340714	1999.817400	-73.2014	0	0
RTBT.QH12	20048.699229	10061.644665	1999.817400	-73.2014	0	0
RTBT.QV13	20050.202073	10056.666565	1999.817400	-73.2014	0	0
RTBT.DH13	20051.006871	10054.314360	1999.817400	-64.80147	0	0
RTBT.QH14	20052.250828	10052.278139	1999.817400	-56.40152	0	0
RTBT.QV15	20054.685652	10048.613224	1999.817400	-56.40152	0	0
RTBT.QH16	20057.890322	10043.789530	1999.817400	-56.40152	0	0
RTBT.QV17	20061.094992	10038.965838	1999.817400	-56.40152	0	0
RTBT.QH18	20064.299661	10034.142141	1999.817400	-56.40152	0	0
RTBT.QV19	20067.504333	10029.318445	1999.817400	-56.40152	0	0
RTBT.QH20	20070.709003	10024.494753	1999.817400	-56.40152	0	0
RTBT.QV21	20073.913673	10019.671061	1999.817400	-56.40152	0	0
RTBT.QH22	20077.118343	10014.847368	1999.817400	-56.40152	0	0
RTBT.QV23	20080.323013	10010.023676	1999.817400	-56.40152	0	0
RTBT.QH24	20083.527683	10005.199984	1999.817400	-56.40152	0	0
RTBT.QV25	20086.649341	10000.501238	1999.817400	-56.40152	0	0
RTBT.QH26	20089.854013	9995.677542	1999.817400	-56.40152	0	0
RTBT.QV27	20093.252253	9990.562491	1999.817400	-56.40152	0	0

RTBT.QH28	20094.248316	9989.063208	1999.817400	-56.40152	0	0
RTBT.QV29	20097.568529	9984.065603	1999.817400	-56.40152	0	0
RTBT.QH30	20098.564592	9982.566321	1999.817400	-56.40152	0	0
TARGET	20104.489012	9973.648848	1999.817400	-56.40152	0	0

Extraction Dump Line:

EXTDUMP.QH1	20052.189005	10050.084946	1999.817400	-73.2014	0	0
EXTDUMP.QV2	20052.925976	10047.643761	1999.817400	-73.2014	0	0
EXTDUMP	20059.017116	10027.467146	1999.817400	-73.2014	0	0