



NLCTA-Note #19.8

August 14, 1995

Subject: Device List

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Attached is the NLCTA Device List which follows the naming convention described in the latest revision of NLCTA Note 1 and where device names have been assigned global coordinates as described in NLCTA Note 14. Except as specifically noted, all device locations were chosen coincident with their mechanical centers. All location numbers are given in inches. This note revision is no longer consistent with SLAC drawing GP-290-004-04-E3. This drawing will be updated at a later date. An electronic copy of the device list, entitled Device List R11, can be found on the NLCTA Public Disk located on Mary's Mac in AE1.

Revision 1 (4/26/94)

Deleted:	VACP 0570	Added:	VACP 0495
			VACP 0595

Revision 2 (6/6/94)

Deleted:	VACV 0480	Added:	XCOR 0312	YCOR 0448
	BPMS 0490		YCOR 0312	XCOR 0470
	VACP 0495		XCOR 0342	YCOR 0470
	COLL 0500		YCOR 0342	XCOR 0480
			XCOR 0372	YCOR 0480
			YCOR 0372	QUAD 0480
			XCOR 0391	BPMS 0480
			YCOR 0391	VACP 0495
			XCOR 0423	VACV 0490
			YCOR 0423	COLL 0495
			XCOR 0448	VACP 0505

Changed Location:	<u>Was (Z,X)</u>	<u>Is (Z,X)</u>
XCOR 2110	2681, 1012	2681, 1011
BNDS 2110	2681, 1012	2681, 1011
BPMS 2120	2719, 1012	2714, 1012
VACP 2160	2746, 1012	2725, 1012
PROF 2190	2770, 1012	2768, 1011
BPMS 2220	2725, 1003	2720, 1004
VACP 2260	2740, 999	2731, 999
WIRE 2270	2755, 996	2744, 997
PROF 2290	2771, 994	2768, 992

Revision 3(9/20/94)

Deleted: VACP 0380 VACP 1391-94 VACP 1691-94
VACP 0460 VACP 1491-94 VACP 1791-94
VACP 1191-94 VACP 1591-94

Added: BPMS 0324 BPMS 0591 BPMS 0871 BPMS 1131 BPMS 1871
BPMS 0344 BPMS 0631 BPMS 0891 BPMS 1251 BPMS 1921
BPMS 0408 BPMS 0651 BPMS 0931 BPMS 1351 BPMS 2011
BPMS 0434 BPMS 0671 BPMS 0951 BPMS 1451 BPMS 2031
BPMS 0481 BPMS 0711 BPMS 0971 BPMS 1551 BPMS 2051
BPMS 0531 BPMS 0731 BPMS 1031 BPMS 1651
BPMS 0561 BPMS 0751 BPMS 1071 BPMS 1761
BPMS 0576 BPMS 0851 BPMS 1111 BPMS 1811

Revision 4(12/20/94)

Deleted: SOLS 0325

Added: XCOR 0325 XCOR 430
YCOR 0325 YCOR 430

Changed Name: Was Is
SOLS 0305 SOLN 0305
SOLS 0315 SOLN 0311
SOLS 0335 SOLN 0327
SOLS 0345 SOLN 0341
SOLS 0360 SOLN 0360
SOLS 0371 SOLS 0372
SOLS 0390 SOLS 0392
XCOR 0423 XCOR 0410
YCOR 0423 YCOR 0410
TORO 0425 TORO 0426
XCOR 0448 XCOR 0452
YCOR 0448 YCOR 0452

Changed Location: All injector components from TGUN 0300 through SOLS 0476

Revision 5(12/20/94)

Changed Name: Was Is
SOLN 0360 SOLS 0360

Revision 8(8/10/95)

Added:	VACG 0300	VACG 0330
	VGP 0300	VGP 0330
	VGC 0300	VGC 0330

Changed Location:	<u>Was (Z,X)</u>	<u>Is (Z,X)</u>
VACP 0860	1524.362, 1003	1526.822, 1003
VACP 0980	1612.816, 1010.688	1611.419, 1010.448
VACP 2260	2730.88, 999.33	2729.624, 1000.797
ALL INJECTOR COMPONENTS 0300-0476		

DEVICE NAME	GLOBAL Z COORDINATE	GLOBAL X COORDINATE
VACP 0300	1079.881	1012.
VACG 0300	1079.881	1012.
VGP 0300	1079.881	1012.
VGC 0300	1079.881	1012.
TGUN 0300 ¹	1081.261	1012.
SOLN 0305	1081.391	1012.
GAPM 0310	1086.011	1012.
SOLN 0311	1084.469	1012.
XCOR 0312	1085.311	1012.
YCOR 0312	1085.311	1012.
VACV 0320	1092.676	1012.
BPMS 0324	1098.091	1012.
BPMS 0325	1098.091	1012.
XCOR 0325	1099.306	1012.
YCOR 0325	1099.306	1012.
SOLN 0327	1100.788	1012.
VACP 0330	1104.55	1012.
VACG 0330	1104.55	1012.
VGP 0330	1104.55	1012.
VGC 0330	1104.55	1012.
PROF 0340	1109.131	1012.
SOLN 0341	1113.582	1012.
XCOR 0342	1115.601	1012.
YCOR 0342	1115.601	1012.
BPMS 0344	1115.601	1012.
BPMS 0345	1115.601	1012.
PBUN 0355	1121.491	1012.
SOLS 0360	1123.746	1012.
SOLS 0362	1127.096	1012.
PBUN 0364	1127.391	1012.
SOLS 0366	1132.326	1012.
SOLS 0368	1135.676	1012.
XCOR 0372	1139.174	1012.
YCOR 0372	1139.174	1012.
SOLS 0372	1140.974	1012.
SOLS 0374	1144.324	1012.
SOLS 0377	1147.674	1012.
ACCL 0380	1147.093	1012.
SOLS 0382	1151.024	1012.
SOLS 0386	1154.374	1012.
XCOR 0391	1156.174	1012.
YCOR 0391	1156.174	1012.
SOLS 0392	1159.672	1012.
SOLS 0394	1163.022	1012.
SOLS 0398	1168.252	1012.
SOLS 0408	1171.602	1012.
BPMS 0408	1172.694	1012.
BPMS 0409	1172.694	1012.
XCOR 0410	1175.856	1012.
YCOR 0410	1175.856	1012.
SOLS 0410	1176.102	1012.
GAPM 0412	1179.444	1012.
BLMT 0412	1180.379	1012.
SOLS 0415	1180.474	1012.
SOLS 0420	1183.824	1012.
VACP 0420	1185.533	1012.
SOLS 0425	1190.091	1012.
TORO 0426	1190.533	1012.
SOLS 0428	1193.441	1012.

DEVICE NAME	GLOBAL Z COORDINATE	GLOBAL X COORDINATE
PROF 0430	1196.003	1012.
XCOR 0430	1199.812	1012.
YCOR 0430	1199.812	1012.
SOLS 0432	1198.836	1012.
BPMS 0434	1202.473	1012.
BPMS 0435	1202.473	1012.
SOLS 0435	1202.436	1012.
SOLS 0442	1206.936	1012.
SOLS 0446	1212.166	1012.
SOLS 0450	1215.516	1012.
XCOR 0452	1219.117	1012.
YCOR 0452	1219.117	1012.
SOLS 0454	1220.746	1012.
SOLS 0458	1224.748	1012.
ACCL 0460	1227.607	1012.
SOLS 0464	1228.75	1012.
SOLS 0468	1232.751	1012.
XCOR 0470	1236.117	1012.
YCOR 0470	1236.117	1012.
SOLS 0472	1236.753	1012.
SOLS 0476	1241.983	1012.
XCOR 0480	1255.457	1012.
YCOR 0480	1255.457	1012.
QUAD 0480	1255.457	1012.
BPMS 0480	1255.457	1012.
BPMS 0481	1255.457	1012.
VACV 0490	1260.78	1012.
COLL 0495	1269.439	1012.
VACP 0505	1280.138	1012.
TORO 0510	1285.598	1012.
XCOR 0530	1295.315	1012.
YCOR 0530	1295.315	1012.
QUAD 0530	1295.315	1012.
BPMS 0530	1295.315	1012.
BPMS 0531	1295.315	1012.
COLL 0540	1306.777	1012.
XCOR 0560	1318.673	1012.
YCOR 0560	1318.673	1012.
QUAD 0560	1318.673	1012.
BPMS 0560	1318.673	1012.
BPMS 0561	1318.673	1012.
XCOR 0575	1334.093	1012.
YCOR 0575	1334.093	1012.
QUAD 0575	1334.093	1012.
BPMS 0575	1334.093	1012.
BPMS 0576	1334.093	1012.
TORO 0580	1340.876	1012.
PROF 0585	1346.346	1012.
XCOR 0590	1353.033	1012.
YCOR 0590	1353.033	1012.
QUAD 0590	1353.033	1012.
BPMS 0590	1353.033	1012.
BPMS 0591	1353.033	1012.
VACP 0595	1359.276	1012.
XCOR 0610	1373.26	1011.777
BNDS 0610	1373.26	1011.777
XCOR 0630	1389.293	1009.303
YCOR 0630	1389.293	1009.303
QUAD 0630	1389.293	1009.303
BPMS 0630	1389.293	1009.303

DEVICE NAME	GLOBAL Z COORDINATE	GLOBAL X COORDINATE
BPMS 0631	1389.293	1009.303
XCOR 0650	1400.14	1007.476
YCOR 0650	1400.14	1007.476
QUAD 0650	1400.14	1007.476
BPMS 0650	1400.14	1007.476
BPMS 0651	1400.14	1007.476
XCOR 0670	1410.987	1005.65
YCOR 0670	1410.987	1005.65
QUAD 0670	1410.987	1005.65
BPMS 0670	1410.987	1005.65
BPMS 0671	1410.987	1005.65
XCOR 0690	1426.74	1003.223
BNDS 0690	1426.74	1003.223
XCOR 0710	1442.921	1003.
YCOR 0710	1442.921	1003.
QUAD 0710	1442.921	1003.
BPMS 0710	1442.921	1003.
BPMS 0711	1442.921	1003.
XCOR 0730	1458.291	1003.
YCOR 0730	1458.291	1003.
QUAD 0730	1458.291	1003.
BPMS 0730	1458.291	1003.
BPMS 0731	1458.291	1003.
XCOR 0750	1473.621	1003.
YCOR 0750	1473.621	1003.
QUAD 0750	1473.621	1003.
BPMS 0750	1473.621	1003.
BPMS 0751	1473.621	1003.
COLL 0780	1485.083	1003.
PROF 0790	1495.232	1003.
WIRE 0810	1504.822	1003.
XCOR 0850	1520.579	1003.
YCOR 0850	1520.579	1003.
QUAD 0850	1520.579	1003.
BPMS 0850	1520.579	1003.
BPMS 0851	1520.579	1003.
VACP 0860	1526.822	1003.
XCOR 0870	1535.999	1003.
YCOR 0870	1535.999	1003.
QUAD 0870	1535.999	1003.
BPMS 0870	1535.999	1003.
BPMS 0871	1535.999	1003.
XCOR 0890	1551.239	1003.
YCOR 0890	1551.239	1003.
QUAD 0890	1551.239	1003.
BPMS 0890	1551.239	1003.
BPMS 0891	1551.239	1003.
XCOR 0910	1567.176	1003.223
BNDS 0910	1567.176	1003.223
XCOR 0930	1583.209	1005.697
YCOR 0930	1583.209	1005.697
QUAD 0930	1583.209	1005.697
BPMS 0930	1583.209	1005.697
BPMS 0931	1583.209	1005.697
XCOR 0950	1594.056	1007.524
YCOR 0950	1594.056	1007.524
QUAD 0950	1594.056	1007.524
BPMS 0950	1594.056	1007.524
BPMS 0951	1594.056	1007.524
XCOR 0970	1604.903	1009.35

DEVICE NAME	GLOBAL Z COORDINATE	GLOBAL X COORDINATE
YCOR 0970	1604.903	1009.35
QUAD 0970	1604.903	1009.35
BPMS 0970	1604.903	1009.35
BPMS 0971	1604.903	1009.35
VACG 0980	1611.419	1010.448
VGP 0980	1612.816	1010.688
VGC 0980	1612.816	1010.688
XCOR 0990	1620.656	1011.777
BNDS 0990	1620.656	1011.777
TORO 1010	1632.66	1012.
XCOR 1030	1642.377	1012.
YCOR 1030	1642.377	1012.
QUAD 1030	1642.377	1012.
BPMS 1030	1642.377	1012.
BPMS 1031	1642.377	1012.
BPHM 1050	1650.1	1012.
XCOR 1070	1660.751	1012.
YCOR 1070	1660.751	1012.
QUAD 1070	1660.751	1012.
BPMS 1070	1660.751	1012.
BPMS 1071	1660.751	1012.
WIRE 1090	1671.157	1012.
XCOR 1110	1681.991	1012.
YCOR 1110	1681.991	1012.
QUAD 1110	1681.991	1012.
BPMS 1110	1681.991	1012.
BPMS 1111	1681.991	1012.
PROF 1120	1690.744	1012.
XCOR 1130	1699.931	1012.
YCOR 1130	1699.931	1012.
QUAD 1130	1699.931	1012.
BPMS 1130	1699.931	1012.
BPMS 1131	1699.931	1012.
FARC 1140	1713.793	1012.
VACP 1148	1725.62	1012.
VACV 1150	1728.62	1012.
ACCL 1160	1771.18	1012.
VACP 1238	1815.25	1012.
XCOR 1250	1825.271	1012.
YCOR 1250	1825.271	1012.
QUAD 1250	1825.271	1012.
BPMS 1250	1825.271	1012.
BPMS 1251	1825.271	1012.
ACCL 1260	1870.361	1012.
VACP 1338	1913.17	1012.
VACV 1340	1916.17	1012.
XCOR 1350	1924.453	1012.
YCOR 1350	1924.453	1012.
QUAD 1350	1924.453	1012.
BPMS 1350	1924.453	1012.
BPMS 1351	1924.453	1012.
ACCL 1360	1969.543	1012.
VACP 1438 (virtual)	2013.611	1012.
TORO 1438	2013.611	1012.
XCOR 1450	2023.635	1012.
YCOR 1450	2023.635	1012.
QUAD 1450	2023.635	1012.
BPMS 1450	2023.635	1012.
BPMS 1451	2023.635	1012.
ACCL 1460	2068.725	1012.

DEVICE NAME	GLOBAL Z COORDINATE	GLOBAL X COORDINATE
VACP 1538	2111.54	1012.
VACV 1540	2114.54	1012.
XCOR 1550	2122.817	1012.
YCOR 1550	2122.817	1012.
QUAD 1550	2122.817	1012.
BPMS 1550	2122.817	1012.
BPMS 1551	2122.817	1012.
ACCL 1560	2167.907	1012.
VACP 1638	2211.98	1012.
XCOR 1650	2221.999	1012.
YCOR 1650	2221.999	1012.
QUAD 1650	2221.999	1012.
BPMS 1650	2221.999	1012.
BPMS 1651	2221.999	1012.
ACCL 1660	2267.089	1012.
VACP 1738	2309.59	1012.
VACV 1740	2312.59	1012.
TORO 1750	2319.349	1012.
XCOR 1760	2329.066	1012.
YCOR 1760	2329.066	1012.
QUAD 1760	2329.066	1012.
BPMS 1760	2329.066	1012.
BPMS 1761	2329.066	1012.
XCOR 1810	2376.356	1012.
YCOR 1810	2376.356	1012.
QUAD 1810	2376.356	1012.
BPMS 1810	2376.356	1012.
BPMS 1811	2376.356	1012.
KICK 1830	2391.949	1012.
BEND 1850	2411.761	1012.
YCOR 1850	2411.761	1012.
QUAD 1870	2431.662	1012.
BPMS 1870	2431.662	1012.
BPMS 1871	2431.662	1012.
XCOR 1885	2449.269	1012.
VACP 1890	2454.875	1012.
YCOR 1895	2460.481	1012.
QUAD 1920	2478.664	1012.
BPMS 1920	2478.664	1012.
BPMS 1921	2478.664	1012.
XCOR 1940	2494.311	1012.
WIRE 1950	2507.386	1012.
PROF 1960 ²	2523.176	1012.
VACG 1970	2543.105	1012.
VGP 1970	2543.105	1012.
VGC 1970	2543.105	1012.
YCOR 1990	2555.481	1012.
QUAD 2010	2573.664	1012.
BPMS 2010	2573.664	1012.
BPMS 2011	2573.664	1012.
XCOR 2020	2590.509	1012.
QUAD 2030	2608.035	1012.
BPMS 2030	2608.035	1012.
BPMS 2031	2608.035	1012.
YCOR 2040	2624.856	1012.
QUAD 2050	2642.375	1012.
BPMS 2050	2642.375	1012.
BPMS 2051	2642.375	1012.
XCOR 2110	2680.526	1011.

DEVICE NAME	GLOBAL Z COORDINATE	GLOBAL X COORDINATE
BNDS 2110	2680.526	1011.
BPMS 2120 ³	2713.679	1012.
VACP 2160	2724.588	1012.
PROF 2190 ²	2767.728	1010.5
BPMS 2220 ³	2719.109	1003.799
VACP 2260	2729.624	1000.797
WIRE 2270	2742.331	997.33
PROF 2290 ²	2765.513	992.402
¹ Coordinates are the location of anode.		
² Mechanical center of circular chamber or "can.		
³ Location is plane of tooling ball sockets.		