

# Memo

**Date:** 08/20/2008

**To:** District Courts

**Cc:** Court Clerks, Deputy Prosecutors, Public Disclosure Officers, Etc.

**From:** Gerald Hannah

**RE:** SMD IRLJ 6.6(b) Laser Certification

Pursuant to IRLJ 6.6(b), revised September 1, 2002, the attached document "LASER CERTIFICATIONS" will be the only certification provided. There will no longer be a separate individual certificate for court or discovery purposes. All necessary information is contained in the affidavit as required by IRLJ 6.6(b), revised September 1, 2002.

I suggest that when you are handling discovery requests, under IRLJ 3.1(b), you send the first two pages of the above cited affidavit and the page of exhibit "A" which shows that particular Laser for which certification was requested.

For example:

If the defendant or his attorney requests certification for L1163, you would send the first two pages of "LASER CERTIFICATIONS" and page 3 of 5 in Exhibit "A" which lists L1163. L1163 can be highlighted for clarity.

If they have any questions please call me at (206) 953-3159 or E-Mail at [Gerald.Hannah@wsp.wa.gov](mailto:Gerald.Hannah@wsp.wa.gov)

## CERTIFICATIONS CONCERNING DESIGN AND CONSTRUCTION OF LASER SPEED MEASURING DEVICES

I, Gerald W. Hannah, do state as follows:

I am employed by Technology Solutions Group under contract to Washington State Patrol as an Electronic SMD Expert. I have been employed in such a capacity for fifteen (15) years and hold the position of Electronic SMD Engineer. Part of my duties includes supervising the maintenance, and repair of all electronic speed measuring devices (SMDs) used by Washington State Patrol.

The Washington State Patrol currently uses the following LIDAR (Laser) SMDs:

1. LTI 20-20
2. PRO-LASER II
3. LTI UltraLyte 100LR
4. PRO-LASER III

A List of the specific Laser SMD Instruments currently in use by this agency is attached here to as Exhibit "A". All of the LTI 20-20 and LTI UltraLyte 100LR SMDs are manufactured by *Laser Technology, Inc.*, 7070 South Tucson Way, Englewood Colorado, 80112, while all the PRO-LASER II & III SMDs are manufactured by *Kustom Signals, Inc.*, 1010 W Chestnut, Chanute, Kansas, 66720.

I have the following qualifications with respect to the above stated SMDs:

- ◆ I have 40 years experience as a technician in the maintenance, repair, modification, and calibration of Radars (both Doppler and Pulse Search), Microwave Radios and Telemetry systems. I have eleven years-specialized experience testing and certifying Laser SMDs.
- ◆ I hold and have held since 1968 a Federal Communications Commission License.
- ◆ I have received training from *Laser Technology, Inc.*, (the manufacturer of the LTI 20-20 LASER SMD) in the operation, theory, design, and construction of the LTI 20-20 and UltraLyte 100LR LASER Speed Detection Systems.
- ◆ I have received training from *Kustom Signals, Inc.*, (the manufacturer of PRO-LASER II & III SMDs) in the operation, theory, design, and construction of the PRO-LASER Speed Detection System.
- ◆ I have completed a two-year course in Electronics Engineering with Capitol Radio Engineering Institute.

This agency maintains manuals for all of the above state SMDs. I am personally familiar with those manuals and how each of the SMDs are designed and operated. On the dates indicated on exhibit "A" copy of which is attached to this declaration and incorporated herein by this reference, testing of the SMDs was performed under my direction. The units were evaluated and were found to measure the speed of vehicles accurately and are on NHTSA's/IACP's Minimum Performance Standards list. Our agency maintains a testing and certification program.


This program requires:

That at least once every two years each Laser SMD is tested and certified to be accurate within +1MPH – 2 MPH. The Laser SMD's accuracy is verified by comparing the measured speed of various vehicles with a Radar SMD that I have personally certified and tested for accuracy. The Radar SMDs used for this testing were either Decatur VPD R882 (s/n 00536), tuning forks 80196, 81093 or a Decatur VPD R2038 (s/n 035030), tuning forks 138499, 138343. The Radar units' calibration and date of testing can be found on the WSP "Certifications Concerning Design and Construction or Radar Speed Measuring Devices," which can be found on file with the court. A copy of this Laser Affidavit is available from the files of the District Headquarters if the court desires. All Laser SMDs used by the Washington State Patrol operate in the following manner described below.

When the trigger is pulled, all Laser SMDs operated by the Washington State Patrol send out a series of pulses of invisible light waves, which are very narrow in diameter (i.e., 3.5 ft in diameter at 1000 ft). As each pulse is transmitted, a timer started, and when the light pulse is reflected from a vehicle and received by the Laser gun the timer is stopped. From the time of flight taken for the light pulse to strike and return from the vehicle, the distance to the vehicle can be determined, since the speed of light is a known quantity. By taking additional range measurements using a series of these light pulses, the speed of a vehicle can be calculated

Based upon my education, training, and experience and my knowledge of the SMDs listed above, it is my opinion that each of these Laser SMDs are so designed and constructed as to accurately employ measurement techniques based on the velocity of light as constant in such a manner that each Laser SMD will give accurate measurements of the speed of motor vehicles when properly calibrated and operated by a trained operator.

**I certify (or declare) under penalty of perjury under the laws of the State of the Washington that the foregoing is true and correct.**

August 20, 2008 Marysville, WA   
Date and Place Gerald W. Hannah, Electronic SMD Engineer

# Exhibit "A"

Tag#	Manufacturer	Model Number	Serial Number	CAL Date	Notes:
L1001	Laser Tech Inc..	LTI 20-20	4340	11/25/2006	
L1002	Laser Tech Inc..	LTI 20-20	4441	1/9/2007	
L1003	Laser Tech Inc..	LTI 20-20	4453	2/16/2005	Surplus
L1004	Laser Tech Inc..	LTI 20-20	4477	5/1/2006	Surplus
L1005	Laser Tech Inc..	LTI 20-20	4498	11/25/2006	
L1006	Laser Tech Inc..	LTI 20-20	4501	4/13/2005	Surplus
L1007	Laser Tech Inc..	LTI 20-20	4502	12/15/2005	Surplus
L1008	Laser Tech Inc..	LTI 20-20	4504	4/26/2005	Surplus
L1009	Laser Tech Inc..	LTI 20-20	5045	7/20/2005	Surplus
L1010	Laser Tech Inc..	LTI 20-20	3645	2/14/2007	Surplus
L1011	Laser Tech Inc..	LTI 20-20	4207	9/22/2006	Surplus
L1012	Laser Tech Inc..	LTI 20-20	6690	1/30/2007	
L1013	Laser Tech Inc..	LTI 20-20	6633	2/25/2003	Surplus
L1014	Laser Tech Inc..	LTI 20-20	6680	1/11/2007	
L1015	Laser Tech Inc..	LTI 20-20	6688	6/20/2006	Surplus
L1016	Laser Tech Inc..	LTI 20-20	6697	7/6/2006	WSP academy for traing only
L1017	Laser Tech Inc..	LTI 20-20	6791	12/7/2006	WSP academy for traing only
L1018	Laser Tech Inc..	LTI 20-20	7739	1/3/2007	WSP academy for traing only
L1019	Laser Tech Inc..	LTI 20-20	7740	6/9/2006	Surplus
L1020	Laser Tech Inc..	LTI 20-20	7738	11/25/2006	Surplus
L1021	Laser Tech Inc..	LTI 20-20	7585	7/6/2006	Surplus
L1022	Laser Tech Inc..	LTI 20-20	7737	8/3/2006	Surplus
L1023	Laser Tech Inc..	LTI 20-20	7815	10/19/2006	WSP academy for traing only
L1024	Laser Tech Inc..	LTI 20-20	7955	4/8/2008	Surplus
L1025	Laser Tech Inc..	LTI 20-20	7956	2/27/2008	WSP academy for traing only
L1026	Laser Tech Inc..	LTI 20-20	8495	9/21/2006	Surplus
L1027	Laser Tech Inc..	LTI 20-20	8532	6/11/2003	
L1028	Laser Tech Inc..	LTI 20-20	8533	4/17/2007	Surplus to US Forest Service
L1029	Laser Tech Inc..	LTI 20-20	8542	5/18/2005	Surplus
L1030	Laser Tech Inc..	LTI 20-20	8543	12/13/2006	WSP academy for traing only
L1031	Laser Tech Inc..	LTI 20-20	8544	3/30/2005	Surplus
L1032	Laser Tech Inc..	LTI 20-20	8557	5/23/2008	
L1033	Laser Tech Inc..	LTI 20-20	8569	6/23/2006	Surplus
L1034	Laser Tech Inc..	LTI 20-20	8609	7/3/2008	
L1035	Laser Tech Inc..	LTI 20-20	8610	5/2/2007	
L1036	Laser Tech Inc..	LTI 20-20	8611	6/22/2005	Surplus
L1037	Laser Tech Inc..	LTI 20-20	8625	9/13/2006	WSP academy for traing only
L1038	Laser Tech Inc..	LTI 20-20	8627	12/13/2006	
L1039	Laser Tech Inc..	LTI 20-20	8629	1/9/2007	WSP academy for traing only
L1040	Laser Tech Inc..	LTI 20-20	8630	2/16/2005	WSP academy for traing only
L1041	Kustom Signals, Inc	Pro-Laser II	PL3927	7/8/2008	
L1042	Kustom Signals, Inc	Pro-Laser II	PL3958	7/30/2008	
L1043	Kustom Signals, Inc	Pro-Laser II	PL4580	2/25/2003	
L1044	Kustom Signals, Inc	Pro-Laser II	PL4528	4/14/2008	
L1045	Kustom Signals, Inc	Pro-Laser II	PL4810	4/19/2005	
L1046	Laser Tech Inc..	LTI 20-20	12251	6/16/2005	WSP academy for traing only
L1047	Kustom Signals, Inc	Pro-Laser II	PL5036	4/19/2006	Surplused 11/27/06
L1048	Kustom Signals, Inc	Pro-Laser II	PL4983	3/10/2003	
L1049	Laser Tech Inc..	UltraLyte 100LR	UL001049	6/12/2008	
L1050	Kustom Signals, Inc	Pro-Laser II	PL5094	12/7/2006	
L1051	Kustom Signals, Inc	Pro-Laser III	PL10251	2/13/2007	
L1052	Kustom Signals, Inc	Pro-Laser III	PL10252	2/13/2007	
L1053	Kustom Signals, Inc	Pro-Laser III	PL10253	5/21/2007	
L1054	Kustom Signals, Inc	Pro-Laser III	PL10254	7/11/2007	
L1055	Kustom Signals, Inc	Pro-Laser III	PL10255	4/9/2008	
L1056	Kustom Signals, Inc	Pro-Laser III	PL10256	8/20/2007	

## Exhibit "A"

Tag#	Manufacturer	Model Number	Serial Number	CAL Date	Notes:
L1057	Kustom Signals, Inc	Pro-Laser III	PL12031	7/25/2007	
L1058	Kustom Signals, Inc	Pro-Laser III	PL10166	8/9/2007	
L1059	Kustom Signals, Inc	Pro-Laser III	PL10172	3/16/2007	
L1060	Kustom Signals, Inc	Pro-Laser III	PL10173	7/17/2007	
L1061	Kustom Signals, Inc	Pro-Laser III	PL10170	9/13/2007	
L1062	Kustom Signals, Inc	Pro-Laser III	PL10169	6/18/2007	
L1063	Kustom Signals, Inc	Pro-Laser III	PL10168	8/20/2007	
L1064	Kustom Signals, Inc	Pro-Laser III	PL10167	5/2/2006	
L1065	Kustom Signals, Inc	Pro-Laser III	PL11649	2/22/2007	
L1066	Laser Tech Inc..	UltraLyte 100LR	UL002102	6/20/2007	
L1067	Laser Tech Inc..	UltraLyte 100LR	UL002100	6/7/2007	
L1068	Laser Tech Inc..	UltraLyte 100LR	UL002103	2/20/2008	
L1069	Laser Tech Inc..	UltraLyte 100LR	UL002101	5/15/2007	
L1070	Laser Tech Inc..	UltraLyte 100LR	UL002080	3/25/2008	
L1071	Laser Tech Inc..	UltraLyte 100LR	UL002061	9/28/2007	
L1072	Laser Tech Inc..	UltraLyte 100LR	UL002087	3/25/2008	
L1073	Laser Tech Inc..	UltraLyte 100LR	UL002085	5/14/2007	
L1074	Laser Tech Inc..	UltraLyte 100LR	UL002086	6/18/2007	
L1075	Laser Tech Inc..	UltraLyte 100LR	UL002097	6/18/2007	
L1076	Laser Tech Inc..	UltraLyte 100LR	UL002096	5/14/2007	
L1077	Laser Tech Inc..	UltraLyte 100LR	UL002099	8/18/2008	
L1078	Laser Tech Inc..	UltraLyte 100LR	UL002098	2/20/2007	
L1079	Laser Tech Inc..	UltraLyte 100LR	UL002059	8/18/2008	
L1080	Laser Tech Inc..	UltraLyte 100LR	UL002063	5/8/2008	
L1081	Laser Tech Inc..	UltraLyte 100LR	UL002056	6/18/2007	
L1082	Laser Tech Inc..	UltraLyte 100LR	UL002054	2/22/2007	
L1083	Laser Tech Inc..	UltraLyte 100LR	UL002060	11/21/2006	
L1084	Laser Tech Inc..	UltraLyte 100LR	UL002057	11/21/2006	
L1085	Laser Tech Inc..	UltraLyte 100LR	UL002062	6/20/2006	
L1086	Laser Tech Inc..	UltraLyte 100LR	UL002058	11/21/2006	
L1087	Laser Tech Inc..	UltraLyte 100LR	UL002083	4/15/2008	
L1088	Laser Tech Inc..	UltraLyte 100LR	UL002084	11/22/2006	
L1089	Laser Tech Inc..	UltraLyte 100LR	UL002081	1/18/2007	
L1090	Laser Tech Inc..	UltraLyte 100LR	UL002082	5/14/2007	
L1091	Kustom Signals, Inc	Pro-Laser III	PL10564	7/11/2007	
L1092	Kustom Signals, Inc	Pro-Laser III	PL10571	8/1/2007	
L1093	Kustom Signals, Inc	Pro-Laser III	PL10446	7/30/2008	
L1094	Kustom Signals, Inc	Pro-Laser III	PL10565	6/18/2007	
L1095	Kustom Signals, Inc	Pro-Laser III	PL10562	5/21/2007	
L1096	Kustom Signals, Inc	Pro-Laser III	PL10569	7/19/2007	
L1097	Kustom Signals, Inc	Pro-Laser III	PL10469	7/17/2007	
L1098	Kustom Signals, Inc	Pro-Laser III	PL10563	11/29/2007	
L1099	Kustom Signals, Inc	Pro-Laser III	PL10568	11/16/2006	
L1100	Kustom Signals, Inc	Pro-Laser III	PL10555	9/11/2007	
L1101	Kustom Signals, Inc	Pro-Laser III	PL10572	9/11/2007	
L1102	Kustom Signals, Inc	Pro-Laser III	PL10558	12/19/2007	
L1103	Kustom Signals, Inc	Pro-Laser III	PL10554	7/19/2007	
L1104	Kustom Signals, Inc	Pro-Laser III	PL10566	5/28/2008	
L1105	Kustom Signals, Inc	Pro-Laser III	PL10575	7/19/2007	
L1106	Kustom Signals, Inc	Pro-Laser III	PL10561	8/20/2007	
L1107	Kustom Signals, Inc	Pro-Laser III	PL11625	6/27/2008	
L1108	Kustom Signals, Inc	Pro-Laser III	PL14160	5/7/2008	
L1109	Laser Tech Inc..	LTI 20-20	8840	4/12/2005	Surplus
L1110	Kustom Signals, Inc	Pro-Laser III	PL12775	5/7/2008	
L1111	Kustom Signals, Inc	Pro-Laser III	PL12780	5/7/2008	
L1112	Kustom Signals, Inc	Pro-Laser III	PL12777	2/9/2007	

# Exhibit "A"

Tag#	Manufacturer	Model Number	Serial Number	CAL Date	Notes:
L1113	Kustom Signals, Inc	Pro-Laser III	PL12778	4/4/2008	
L1114	Kustom Signals, Inc	Pro-Laser III	PL12867	5/21/2007	
L1115	Kustom Signals, Inc	Pro-Laser III	PL12833	1/13/2007	
L1116	Kustom Signals, Inc	Pro-Laser III	PL12822	6/4/2008	
L1117	Kustom Signals, Inc	Pro-Laser III	PL12846	5/7/2007	
L1118	Kustom Signals, Inc	Pro-Laser III	PL12802	12/12/2006	
L1119	Kustom Signals, Inc	Pro-Laser III	PL12847	6/19/2008	
L1120	Kustom Signals, Inc	Pro-Laser III	PL12798	2/20/2008	
L1121	Kustom Signals, Inc	Pro-Laser III	PL12830	1/30/2007	
L1122	Kustom Signals, Inc	Pro-Laser III	PL12836	1/11/2007	
L1123	Kustom Signals, Inc	Pro-Laser III	PL12834	6/27/2007	
L1124	Kustom Signals, Inc	Pro-Laser III	PL12806	9/14/2006	
L1125	Kustom Signals, Inc	Pro-Laser III	PL12795	4/30/2007	
L1126	Kustom Signals, Inc	Pro-Laser III	PL12844	4/20/2007	
L1127	Kustom Signals, Inc	Pro-Laser III	PL12825	2/11/2008	
L1128	Kustom Signals, Inc	Pro-Laser III	PL12845	4/30/2007	
L1129	Kustom Signals, Inc	Pro-Laser III	PL12832	10/29/2007	
L1130	Kustom Signals, Inc	Pro-Laser III	PL12807	12/7/2006	
L1131	Kustom Signals, Inc	Pro-Laser III	PL12820	1/17/2007	
L1132	Kustom Signals, Inc	Pro-Laser III	PL12850	8/8/2008	
L1133	Kustom Signals, Inc	Pro-Laser III	PL12829	12/10/2007	
L1134	Kustom Signals, Inc	Pro-Laser III	PL12827	11/21/2006	
L1135	Kustom Signals, Inc	Pro-Laser III	PL12838	1/18/2007	
L1136	Kustom Signals, Inc	Pro-Laser III	PL12839	9/28/2007	
L1137	Kustom Signals, Inc	Pro-Laser III	PL12814	6/26/2001	Destroyed- ranover by WSP Car
L1138	Kustom Signals, Inc	Pro-Laser III	PL12843	10/19/2007	Scraped by Kustom 12/03/07
L1139	Kustom Signals, Inc	Pro-Laser III	PL12831	5/17/2007	
L1140	Kustom Signals, Inc	Pro-Laser III	PL17827	7/19/2007	
L1141	Kustom Signals, Inc	Pro-Laser III	PL12800	6/18/2008	
L1142	Kustom Signals, Inc	Pro-Laser III	PL12856	11/21/2006	
L1143	Kustom Signals, Inc	Pro-Laser III	PL12854	5/21/2007	
L1144	Kustom Signals, Inc	Pro-Laser III	PL12809	2/20/2007	
L1145	Kustom Signals, Inc	Pro-Laser III	PL12811	6/18/2007	
L1146	Kustom Signals, Inc	Pro-Laser III	PL12837	6/18/2007	
L1147	Kustom Signals, Inc	Pro-Laser III	PL12840	7/17/2007	
L1148	Kustom Signals, Inc	Pro-Laser III	PL12823	2/5/2007	
L1149	Kustom Signals, Inc	Pro-Laser III	PL12813	7/17/2007	
L1150	Kustom Signals, Inc	Pro-Laser III	PL12790	6/18/2007	
L1151	Kustom Signals, Inc	Pro-Laser III	PL12791	11/1/2007	
L1152	Kustom Signals, Inc	Pro-Laser III	PL12835	5/9/2008	
L1153	Kustom Signals, Inc	Pro-Laser III	PL12828	5/30/2007	
L1154	Kustom Signals, Inc	Pro-Laser III	PL12771	6/18/2007	
L1155	Kustom Signals, Inc	Pro-Laser III	PL14513	3/12/2008	
L1156	Kustom Signals, Inc	Pro-Laser III	PL14512	4/30/2007	
L1157	Kustom Signals, Inc	Pro-Laser III	PL14504	6/11/2007	
L1158	Kustom Signals, Inc	Pro-Laser III	PL15306	5/25/2007	
L1159	Kustom Signals, Inc	Pro-Laser III	PL15305	5/25/2007	
L1160	Kustom Signals, Inc	Pro-Laser III	PL15307	5/25/2007	
L1161	Kustom Signals, Inc	Pro-Laser III	PL15611	4/24/2008	
L1162	Kustom Signals, Inc	Pro-Laser III	PL15619	4/24/2008	
L1163	Kustom Signals, Inc	Pro-Laser III	PL15598	3/25/2008	
L1164	Kustom Signals, Inc	Pro-Laser III	PL15604	8/7/2006	
L1165	Kustom Signals, Inc	Pro-Laser III	PL15605	6/12/2008	
L1166	Kustom Signals, Inc	Pro-Laser III	PL15608	1/25/2008	
L1167	Kustom Signals, Inc	Pro-Laser III	PL15602	7/3/2008	
L1168	Kustom Signals, Inc	Pro-Laser III	PL15599	1/24/2007	

# Exhibit "A"

Tag#	Manufacturer	Model Number	Serial Number	CAL Date	Notes:
L1169	Kustom Signals, Inc	Pro-Laser III	PL15610	6/27/2007	
L1170	Kustom Signals, Inc	Pro-Laser III	PL15600	6/27/2008	
L1171	Kustom Signals, Inc	Pro-Laser III	PL15590	2/20/2008	
L1172	Kustom Signals, Inc	Pro-Laser III	PL15607	2/25/2008	
L1173	Kustom Signals, Inc	Pro-Laser III	PL15593	5/7/2008	
L1174	Kustom Signals, Inc	Pro-Laser III	PL15616	2/26/2008	
L1175	Kustom Signals, Inc	Pro-Laser III	PL15617	4/24/2008	
L1176	Kustom Signals, Inc	Pro-Laser III	PL15613	2/25/2008	
L1177	Kustom Signals, Inc	Pro-Laser III	PL15606	5/7/2008	
L1178	Kustom Signals, Inc	Pro-Laser III	PL15601	11/21/2006	
L1179	Kustom Signals, Inc	Pro-Laser III	PL15603	3/25/2008	
L1180	Kustom Signals, Inc	Pro-Laser III	PL15612	6/27/2008	
L1181	Kustom Signals, Inc	Pro-Laser III	PL15696	11/23/2005	
L1182	Kustom Signals, Inc	Pro-Laser III	PL15615	12/20/2007	
L1183	Kustom Signals, Inc	Pro-Laser III	PL15614	6/18/2008	
L1184	Kustom Signals, Inc	Pro-Laser III	PL15618	12/20/2007	
L1185	Kustom Signals, Inc	Pro-Laser III	PL15609	12/20/2007	
L1186	Kustom Signals, Inc	Pro-Laser III	PL15597	12/20/2007	
L1187	Kustom Signals, Inc	Pro-Laser III	PL15799	6/27/2008	
L1188	Kustom Signals, Inc	Pro-Laser III	PL16066	10/30/2007	
L1189	Kustom Signals, Inc	Pro-Laser III	PL16016	1/25/2007	
L1190	Kustom Signals, Inc	Pro-Laser III	PL16037	12/12/2006	
L1191	Kustom Signals, Inc	Pro-Laser III	PL16062	12/19/2006	
L1192	Kustom Signals, Inc	Pro-Laser III	PL16075	8/17/2004	Reported stolen to ESD 5/24/05
L1193	Kustom Signals, Inc	Pro-Laser III	PL16038	6/12/2008	
L1194	Kustom Signals, Inc	Pro-Laser III	PL16008	11/29/2007	
L1195	Kustom Signals, Inc	Pro-Laser III	PL16096	5/24/2007	
L1196	Kustom Signals, Inc	Pro-Laser III	PL16207	6/19/2008	
L1197	Kustom Signals, Inc	Pro-Laser III	PL16198	7/30/2008	
L1198	Kustom Signals, Inc	Pro-Laser III	PL16203	5/9/2008	
L1199	Kustom Signals, Inc	Pro-Laser III	PL16172	6/4/2008	
L1200	Kustom Signals, Inc	Pro-Laser III	PL16217	4/9/2008	
L1201	Kustom Signals, Inc	Pro-Laser III	PL16218	7/27/2006	
L1202	Kustom Signals, Inc	Pro-Laser III	PL16219	2/11/2008	
L1203	Kustom Signals, Inc	Pro-Laser III	PL16221	1/22/2007	Destroyed, a truck drove over it 110507
L1204	Kustom Signals, Inc	Pro-Laser III	PL16220	6/19/2008	
L1205	Kustom Signals, Inc	Pro-Laser III	PL16478	10/25/2006	
L1206	Kustom Signals, Inc	Pro-Laser III	PL16475	10/16/2006	
L1207	Kustom Signals, Inc	Pro-Laser III	PL16487	9/1/2006	
L1208	Kustom Signals, Inc	Pro-Laser III	PL16484	1/10/2007	
L1209	Kustom Signals, Inc	Pro-Laser III	PL16498	1/22/2007	
L1210	Kustom Signals, Inc	Pro-Laser III	PL16472	11/16/2006	
L1211	Kustom Signals, Inc	Pro-Laser III	PL16489	11/16/2006	
L1212	Kustom Signals, Inc	Pro-Laser III	PL16491	8/18/2008	
L1213	Kustom Signals, Inc	Pro-Laser III	PL16477	2/22/2007	
L1214	Kustom Signals, Inc	Pro-Laser III	PL16500	8/14/2008	
L1215	Kustom Signals, Inc	Pro-Laser III	PL16486	8/19/2008	
L1216	Kustom Signals, Inc	Pro-Laser III	PL16490	4/22/2008	
L1217	Kustom Signals, Inc	Pro-Laser III	PL16473	4/22/2008	
L1218	Kustom Signals, Inc	Pro-Laser III	PL16476	12/11/2007	
L1219	Kustom Signals, Inc	Pro-Laser III	PL16497	9/28/2006	
L1220	Kustom Signals, Inc	Pro-Laser III	PL16480	1/11/2007	
L1221	Kustom Signals, Inc	Pro-Laser III	PL16494	8/6/2008	
L1222	Kustom Signals, Inc	Pro-Laser III	PL16488	7/5/2007	
L1223	Kustom Signals, Inc	Pro-Laser III	PL16485	4/8/2008	
L1224	Kustom Signals, Inc	Pro-Laser III	PL16474	12/12/2006	

# Exhibit "A"

Tag#	Manufacturer	Model Number	Serial Number	CAL Date	Notes:
L1225	Kustom Signals, Inc	Pro-Laser III	PL16504	7/27/2006	
L1226	Kustom Signals, Inc	Pro-Laser III	PL16507	1/4/2005	
L1227	Kustom Signals, Inc	Pro-Laser III	PL16505	5/28/2008	
L1228	Kustom Signals, Inc	Pro-Laser III	PL16650	10/19/2007	
L1229	Kustom Signals, Inc	Pro-Laser III	PL16625	1/18/2008	
L1230	Kustom Signals, Inc	Pro-Laser III	PL16623	7/29/2008	
L1231	Kustom Signals, Inc	Pro-Laser III	PL17398	5/21/2007	
L1232	Kustom Signals, Inc	Pro-Laser III	PL17404	6/18/2007	
L1233	Kustom Signals, Inc	Pro-Laser III	PL17387	6/11/2007	
L1234	Kustom Signals, Inc	Pro-Laser III	PL17405	12/10/2007	
L1235	Kustom Signals, Inc	Pro-Laser III	PL17407	5/9/2007	
L1236	Kustom Signals, Inc	Pro-Laser III	PL17379	5/9/2007	
L1237	Kustom Signals, Inc	Pro-Laser III	PL17401	5/9/2007	
L1238	Kustom Signals, Inc	Pro-Laser III	PL17403	5/7/2007	
L1239	Kustom Signals, Inc	Pro-Laser III	PL17392	1/30/2007	
L1240	Kustom Signals, Inc	Pro-Laser III	PL17382	7/5/2007	
L1241	Kustom Signals, Inc	Pro-Laser III	PL17410	6/6/2007	
L1242	Kustom Signals, Inc	Pro-Laser III	PL17399	5/24/2007	
L1243	Kustom Signals, Inc	Pro-Laser III	PL17418	5/25/2007	
L1244	Kustom Signals, Inc	Pro-Laser III	PL17411	5/7/2007	
L1245	Kustom Signals, Inc	Pro-Laser III	PL17415	1/18/2007	
L1246	Kustom Signals, Inc	Pro-Laser III	PL17383	2/22/2007	
L1247	Kustom Signals, Inc	Pro-Laser III	PL17374	5/1/2007	
L1248	Kustom Signals, Inc	Pro-Laser III	PL17412	6/18/2007	
L1249	Kustom Signals, Inc	Pro-Laser III	PL17348	6/5/2006	
L1250	Kustom Signals, Inc	Pro-Laser III	PL17774	11/29/2007	
L1251	Kustom Signals, Inc	Pro-Laser III	PL17900	10/29/2007	
L1252	Kustom Signals, Inc	Pro-Laser III	PL17895	12/10/2007	
L1253	Kustom Signals, Inc	Pro-Laser III	PL17883	8/9/2007	
L1254	Kustom Signals, Inc	Pro-Laser III	PL17896	10/29/2007	
L1255	Kustom Signals, Inc	Pro-Laser III	PL17880	12/12/2007	
L1256	Kustom Signals, Inc	Pro-Laser III	PL18623	5/24/2007	
L1257	Kustom Signals, Inc	Pro-Laser III	PL18728	5/9/2008	
L1258	Kustom Signals, Inc	Pro-Laser III	PL18913	4/2/2008	
L1259	Kustom Signals, Inc	Pro-Laser III	PL18912	4/2/2008	
L1260	Kustom Signals, Inc	Pro-Laser III	PL18911	4/2/2008	
L1261	Kustom Signals, Inc	Pro-Laser III	PL19649	2/20/2007	
L1262	Kustom Signals, Inc	Pro-Laser III	PL19698	1/11/2007	
L1263	Kustom Signals, Inc	Pro-Laser III	PL20121	2/14/2007	
L1264	Kustom Signals, Inc	Pro-Laser III	PL20120	1/30/2007	
L1265	Kustom Signals, Inc	Pro-Laser III	PL20125	1/10/2007	
L1266	Kustom Signals, Inc	Pro-Laser III	PL20128	2/22/2007	
L1267	Kustom Signals, Inc	Pro-Laser III	PL20190	5/14/2007	
L1268	Kustom Signals, Inc	Pro-Laser III	PL20228	5/14/2007	
L1269	Kustom Signals, Inc	Pro-Laser III	PL20197	5/14/2007	
L1270	Kustom Signals, Inc	Pro-Laser III	PL20194	7/17/2007	
L1271	Kustom Signals, Inc	Pro-Laser III	PL20235	2/13/2007	
L1272	Kustom Signals, Inc	Pro-Laser III	PL20214	5/7/2007	
L1273	Kustom Signals, Inc	Pro-Laser III	PL20219	6/14/2007	
L1274	Kustom Signals, Inc	Pro-Laser III	PL20233	1/30/2007	
L1275	Kustom Signals, Inc	Pro-Laser III	PL20198	2/25/2008	
L1276	Kustom Signals, Inc	Pro-Laser III	PL20217	2/25/2008	
L1277	Kustom Signals, Inc	Pro-Laser III	PL20199	6/27/2008	
L1278	Kustom Signals, Inc	Pro-Laser III	PL20231	5/7/2007	
L1279	Kustom Signals, Inc	Pro-Laser III	PL20191	1/24/2007	
L1280	Kustom Signals, Inc	Pro-Laser III	PL20212	6/6/2007	

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L1281	Kustom Signals, Inc	Pro-Laser III	PL20227	1/25/2007	
L1282	Kustom Signals, Inc	Pro-Laser III	PL20216	1/25/2007	
L1283	Kustom Signals, Inc	Pro-Laser III	PL20196	1/25/2007	
L1284	Kustom Signals, Inc	Pro-Laser III	PL20223	2/7/2007	
L1285	Kustom Signals, Inc	Pro-Laser III	PL20238	3/12/2007	
L1286	Kustom Signals, Inc	Pro-Laser III	PL20209	1/17/2007	
L1287	Kustom Signals, Inc	Pro-Laser III	PL20204	3/7/2007	
L1288	Kustom Signals, Inc	Pro-Laser III	PL20211	8/21/2007	
L1289	Kustom Signals, Inc	Pro-Laser III	PL20192	4/3/2007	
L1290	Kustom Signals, Inc	Pro-Laser III	PL20225	2/21/2007	
L1291	Kustom Signals, Inc	Pro-Laser III	PL20203	4/30/2007	
L1292	Kustom Signals, Inc	Pro-Laser III	PL20202	11/1/2007	
L1293	Kustom Signals, Inc	Pro-Laser III	PL20202	2/15/2007	
L1294	Kustom Signals, Inc	Pro-Laser III	PL20195	2/15/2007	
L1295	Kustom Signals, Inc	Pro-Laser III	PL20224	2/15/2007	
L1296	Kustom Signals, Inc	Pro-Laser III	PL20210	7/23/2008	
L1297	Kustom Signals, Inc	Pro-Laser III	PL20205	5/9/2007	
L1298	Kustom Signals, Inc	Pro-Laser III	PL20230	5/9/2007	
L1299	Kustom Signals, Inc	Pro-Laser III	PL20234	10/30/2007	
L1300	Kustom Signals, Inc	Pro-Laser III	PL20236	5/7/2007	
L1301	Kustom Signals, Inc	Pro-Laser III	PL20191	7/19/2007	
L1302	Kustom Signals, Inc	Pro-Laser III	PL20206	9/28/2007	
L1303	Kustom Signals, Inc	Pro-Laser III	PL20226	6/20/2007	
L1304	Kustom Signals, Inc	Pro-Laser III	PL20220	8/22/2007	
L1305	Kustom Signals, Inc	Pro-Laser III	PL20213	8/22/2007	
L1306	Kustom Signals, Inc	Pro-Laser III	PL20229	5/25/2007	
L1307	Kustom Signals, Inc	Pro-Laser III	PL20201	5/25/2007	
L1308	Kustom Signals, Inc	Pro-Laser III	PL20193	7/31/2007	
L1309	Kustom Signals, Inc	Pro-Laser III	PL20207	5/25/2007	
L1310	Kustom Signals, Inc	Pro-Laser III	PL20208	5/21/2007	
L1311	Kustom Signals, Inc	Pro-Laser III	PL20537	5/14/2007	
L1312	Kustom Signals, Inc	Pro-Laser III	PL20588	5/25/2007	
L1313	Kustom Signals, Inc	Pro-Laser III	PL20623	2/7/2007	
L1314	Kustom Signals, Inc	Pro-Laser III	PL20977	5/24/2007	
L1315	Kustom Signals, Inc	Pro-Laser III	PL21215	1/11/2008	
L1316	Kustom Signals, Inc	Pro-Laser III	PL21263	7/5/2007	
L1317	Kustom Signals, Inc	Pro-Laser III	PL21437	2/26/2008	
L1318	Kustom Signals, Inc	Pro-Laser III	PL22103	4/24/2008	
L1319	Kustom Signals, Inc	Pro-Laser III	PL22106	7/30/2008	
L1320	Kustom Signals, Inc	Pro-Laser III	PL01027E	1/13/2007	
L1321	Kustom Signals, Inc	Pro-Laser III	PL23222	1/13/2007	
L1322	Kustom Signals, Inc	Pro-Laser III	PL23257	11/1/2007	
L1323	Kustom Signals, Inc	Pro-Laser III	PL23239	1/13/2007	
L1324	Kustom Signals, Inc	Pro-Laser III	PL23245	1/13/2007	
L1325	Kustom Signals, Inc	Pro-Laser III	PL23139	1/13/2007	
L1326	Kustom Signals, Inc	Pro-Laser III	PL23477	2/20/2007	
L1327	Kustom Signals, Inc	Pro-Laser III	PL23570	2/24/2007	
L1328	Kustom Signals, Inc	Pro-Laser III	PL23575	2/24/2007	
L1329	Kustom Signals, Inc	Pro-Laser III	PL 23584	2/24/2007	
L1330	Kustom Signals, Inc	Pro-Laser III	PL 23581	2/24/2007	
L1331	Kustom Signals, Inc	Pro-Laser III	PL 23568	2/24/2007	
L1332	Kustom Signals, Inc	Pro-Laser III	PL 23574	2/24/2007	
L1333	Kustom Signals, Inc	Pro-Laser III	PL 23580	2/20/2008	
L1334	Kustom Signals, Inc	Pro-Laser III	PL 23580	2/20/2008	
L1335	Kustom Signals, Inc	Pro-Laser III	PL 23579	8/19/2008	
L1336	Kustom Signals, Inc	Pro-Laser III	PL 23573	2/24/2007	

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Tag#	Manufacturer	Model Number	Serial Number	CAL Date	Notes:
L1337	Kustom Signals, Inc	Pro-Laser III	PL 23770	5/21/2007	
L1338	Kustom Signals, Inc	Pro-Laser III	PL 23722	5/21/2007	
L1339	Kustom Signals, Inc	Pro-Laser III	PL 23733	5/21/2007	
L1340	Kustom Signals, Inc	Pro-Laser III	PL 23679	5/21/2007	
L1341	Kustom Signals, Inc	Pro-Laser III	PL 23683	5/21/2007	
L1342	Kustom Signals, Inc	Pro-Laser III	PL 23656	5/21/2007	
L1343	Kustom Signals, Inc	Pro-Laser III	PL 23658	6/18/2008	
L1344	Kustom Signals, Inc	Pro-Laser III	PL 23691	5/21/2007	
L1345	Kustom Signals, Inc	Pro-Laser III	PL 23673	5/21/2007	
L1346	Kustom Signals, Inc	Pro-Laser III	PL 23650	5/21/2007	
L1347	Kustom Signals, Inc	Pro-Laser III	PL 24088	5/21/2007	
L1348	Kustom Signals, Inc	Pro-Laser III	PL 24084	5/21/2007	
L1349	Kustom Signals, Inc	Pro-Laser III	PL 24228	6/18/2007	
L1350	Kustom Signals, Inc	Pro-Laser III	PL 24602	8/24/2007	
L1351	Kustom Signals, Inc	Pro-Laser III	PL 24603	8/24/2007	
L1352	Kustom Signals, Inc	Pro-Laser III	PL 24604	8/24/2007	
L1353	Kustom Signals, Inc	Pro-Laser III	PL 24605	8/24/2007	
L1354	Kustom Signals, Inc	Pro-Laser III	PL 24606	8/24/2007	
L1355	Kustom Signals, Inc	Pro-Laser III	PL 24659	9/7/2007	
L1356	Kustom Signals, Inc	Pro-Laser III	PL 24830	10/9/2007	
L1357	Kustom Signals, Inc	Pro-Laser III	PL 24831	1/25/2008	Removed from service 020708 intermittant lock problems
L1358	Kustom Signals, Inc	Pro-Laser III	PL 25023	11/29/2007	
L1359	Kustom Signals, Inc	Pro-Laser III	PL 01038E	12/10/2007	
L1360	Kustom Signals, Inc	Pro-Laser III	PL 25484	2/11/2008	
L1361	Kustom Signals, Inc	Pro-Laser III	PL 25514	2/25/2008	
L1362	Kustom Signals, Inc	Pro-Laser III	PL 26132	5/8/2008	
L1363	Kustom Signals, Inc	Pro-Laser III	PL 26256	6/19/2008	