

Exhibit 1
Frequencies & Necessary Bandwidth

GPT USA has chosen the FCC approved Mobitex network to be used when transmitting and receiving packet data to and from Vending Machine Interface Units (VIUs). Frequency use is as follows:

Transmit: 896 MHz-902 MHz
Receive: 935 MHz-941 MHz

The transmit and receive bandwidths of the radio are:

Transmit: 6 MHz
Receive: 6 MHz

The modulation bandwidth of the Mobitex radio is .3 GMSK times the data rate of 8 Kbps = 2.4 kHz necessary bandwidth. This bandwidth was determined by the Mobitex Interface Specification (MIS) which determines the specifications that a radio must meet in order to operate over the established Mobitex Network.

Exhibit 2
Geographic Coordinates of Fixed Locations

Field testing of 100 units will be conducted in Nashville, TN within the following coordinates and represented graphically by the attached map.

Longitude: $86^{\circ} 82' 25''$ to $86^{\circ} 75' 72''$

Latitude: $36^{\circ} 14' 58''$ to $36^{\circ} 19' 44''$

$86^{\circ} 49' 21''$ to $86^{\circ} 49' 26''$

$36^{\circ} 08' 45''$ $36^{\circ} 11' 40''$
Specific vending machines have been identified by serial number and location coordinates, and are also included in this Exhibit 2.

POWERED BY



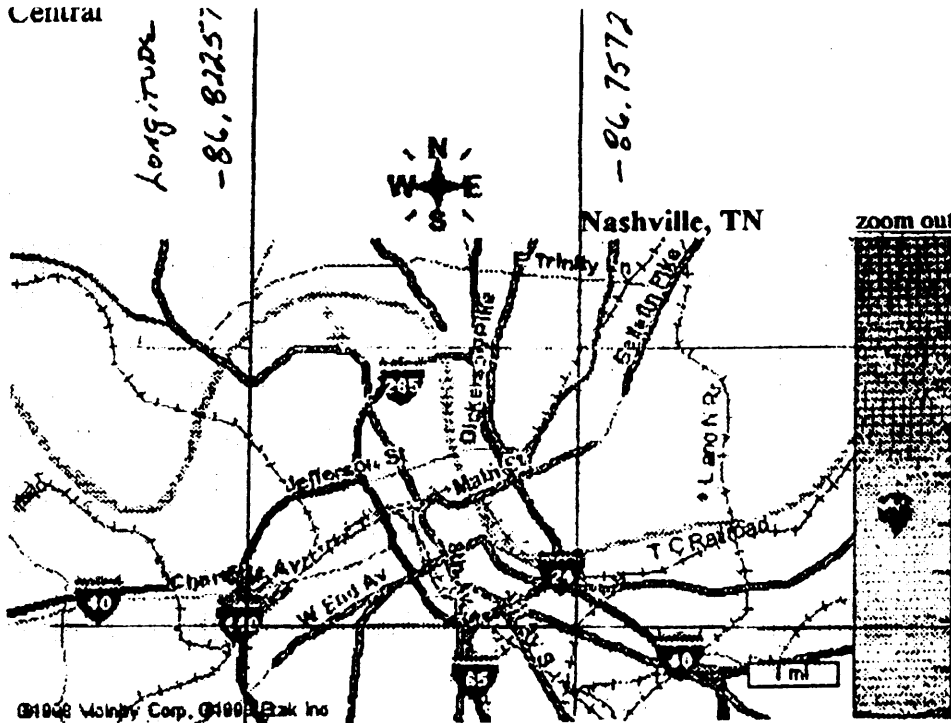
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425	250	☐ Moves the map center ☐ Moves the icon	
Icon #1 Latitude 36.15313 Longitude -86.82257 (Datum: NAD27 CONUS)			

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Total Radio List

Customer	Asset #	Customer name	Make-Model	Serial number	Zip
Route:	63				
6026857	399460	Alpha Omicron Pi	Vendo 510	317663	37027
6142930	451410	American Home Patient	Dixie Narco 501	01416290DT	37027
6005876	497998	Coca-Cola - Salesroom Can	Royal GIII 660	1398DI0735	37204
6205746	558792	Coca-Cola - Salesroom Coke 20	Dixie Narco 600E 20o	00816475	37204
6179225	523682	Coca-Cola - Salesroom PowerA	Royal GIII PowerAde	1433BJ1859	37204
6005742	474186	Coca-Cola - Upstairs Coke	Dixie Narco 501	11896338BU	37204
6063109	380202	Coca-Cola - Upstairs Juice	Royal G-II 390	1292CG0108	37204
6160804	539316	David Lipscomb - LEFT	Royal GIII 660	1451df0446	37204
6160805	539322	David Lipscomb - RIGHT	Royal GIII 660	1415DJ0452	37204
6164602	563042	FRA - Lobby	Royal GIII 660	1461AK3746	37220
6008734	568006	FRA - Lobby Coke	Royal GIII 804	09536063	37220
6207218	558548	FRA - Lobby Fruitopia 20oz	Dixie Narco 600E 20o	07536475AW	37220
2124671	299464	FRA - teachers lounge	Dixie Narco 501	09536063	37220
6051629	560774	Hair Expressions	Dixie Narco 276E	29346453AW	37027
6191099	536428	Jim Johnson Landscaping	Dixie Narco 501	08546433CU	37027
6177003	496985	JT Moore - COKE Left of GH	Royal GIII 660	1398DI0168	37204
6177004	497003	JT Moore - COKE Left of PA	Royal GIII 660	1398DI0186	37204
6196186	528882	JT Moore - GRANT HILL	Dixie Narco 501E 20o	12946436CV	37204
6196187	539412	JT Moore - POWERADE	Royal GIII PowerAde	1452DJ2192	37204
6177001	513619	JT Moore - teachers lounge	Royal GIII 20oz 660	1425AJ-0944	37204
6134245	539204	Oak Hill - Gym Lobby L - COK	Royal GIII 804	1450DJ5202	37220
6134246	460830	Oak Hill - Gym Lobby R - JUIC	Dixie Narco 501	03976332BU	37220
6202701	539428	Oak Hill - REC ROOM PowerA	Royal GIII PowerAde	1452DJ2208	37220
6133767	412161	Oak Hill - teachers lounge	Dixie Narco 276	01316266CT	37220
6125446	420644	Waller Landscaping	Royal G-II 390	1314AH0056	37027

Total # of Accounts 25

Radio List

11/1/01 11:11:11

Total Radio List

Customer Route:	Asset #	Customer name		Make-Model	Serial numbe	Zip
	65					
6086785	451402	All Pro Transmission	in garage by refrig	Dixie Narco 276	05246321AV	37210
6196314	528281	Andrew Jackson Media Comple	break room	Dixie Narco 501	02516433CV	37076
6199735	535870	Arch Communications	break room	Dixie Narco 501	06126433CV	37214
6187858	521267	B & R Wholesale Tire	inside by area	Dixie Narco 368	2002-6407BV	37076
6182299	525131	Cherry Creek Apartments - coke	clubhouse	Royal GIII 660	1433BJ-7568	37076
6187409	527898	Concord Cleaners	back room	Dixie Narco 501	03596420	37076
6119436	517705	D J Family Hair	tanning area	Dixie Narco 276	0792-6231AT	37076
6075362	519625	David Deaton Karate Studios	main floor	Royal GIII 660	1427BJ3133	
6058011	521111	DCA - 2nd floor teachers	2nd floor teachers lounge	Dixie Narco 368	2006-6407BV	
6186188	529057	DCA - football stadium	football stadium	Dixie Narco 501	0412-6420BV	
6186186	525433	DCA - football stadium powerad	football stadium PowerAde ma	Royal GIII 20oz 804	1437BJ-1142	
6058014	426380	DCA - gym lobby left	gym lobby next to front door	Dixie Narco 501	02576281	
6155052	480542	DCA - gym lobby right	gym lobby right	Dixie Narco 501	11956138BU	
6174809	513049	DCA - new gym hall	New Gym Hallway	Royal GIII 20oz 804	1666	
6058013	520450	DCA - new gym lobby	new gym lobby	Dixie Narco 501	01856409BV	
6169233	513080	DCA - old gym "powerade"	old gym, powerade vender	Royal GIII 20oz 804	1697	
6058012	498385	DCA - room #204	room 204	Royal GIII 660	1398DI-3338	
6036634	380209	Dodson Old School	teachers lounge	Royal G-II 390	1292CG0060	37076
6170318	508556	Dupont Tyler - 20oz powerade		Royal GIII PowerAde	1415AJ1493	
6058020	527952	Dupont Tyler - Gym Left	gym left	Dixie Narco 501	0305-6420BV	
6020090	533288	Dupont Tyler - Gym Right	Gym right	Royal GIII 660	1440CJ7888	
2119747	480128	Dupont Tyler - teachers lounge	teachers lounge	Dixie Narco 501	04650352BU	
6191934	533158	Enviro-Care	breakroom suite 209	Royal GIII 660	1440CJ7759	37076
6173582	507284	First American Bank - Lebanon	KITCHEN	Dixie Narco 368	07546392AV	37214
2123647	539325	First Baptist Church - gym	gym	Royal GIII 660	1451DJ00455	37214
6225211	592947	Fruitopia Cottage #7 NO POWE	FRUITOPIA CANS	Dixie Narco 501E can	29666501CW	37214
6167018	502784	H AND R BLOCK	Building C in the kitchen	Vendo 392		37214
6082962	520507	Hair Five 0	sales floor	Dixie Narco 501	0029-6409BV	
6035563	399279	Hermitage Elementary	work room	Royal G-II 390		
2131328	520996	Hermitage Inn - 1st floor	end of stairwell	Dixie Narco 501	04376409BU	
6070717	380391	Hermitage Inn-Office	in office behind counter	Dixie Narco 276	03376193CS	
6062624	399278	Hermitage Methodist - Coke		Royal G-II 390		
6066552	399276	Hickman Elementary Annex	teacher lounge	Royal G-II 390		
6001987	399254	Holiday Inn Express	catch from the backside-1st flo	Royal G-II 390		
6225204	492630	Kitchen downstairs NO POWER	kitchen downstairs	Dixie Narco 368	25316329CU	37214
6190212	532377	McGavock - Boy's Locker Roo	Boy's Locker Room "PowerAde	Royal GIII PowerAde	1419AJ1506	37214
6190209	525867	McGavock - Coke Room 20oz #	front coke room 20oz #2	Royal GIII 20oz 804	1437BJ-2960	37214
6172849	512599	McGavock - Coke Room Right	Front Coke Room	Royal GIII 20oz 804	1419AJ1504	37214
5190211	532497	McGavock - Girl's Locker Room	Girls Locker Room on the fars	Royal GIII PowerAde	1419AJ1506	37214
6172850	512601	McGavock - Vocational 20oz L	Vocational Coke Room 20oz m	Royal GIII 20oz 804	1419AJ1506	37214
6008822	519528	McKendree Village - East	East Wing 1st floor	Royal GIII 660	1427BJ3036	
6008823	525170	McKendree Village - North Bld	north bldg. 2nd floor	Royal GIII 660	1433BJ-7607	
6122232	420867	Meire Water Treatment	break room	Royal G-II 390		37114
6132579	518623	Michel Tire Co	inside first bay door	Royal GIII 660	1425AJ-3153	37214
6167166	508535	Papa John's	back room	Royal GIII 804	1415AJ-0395	37076

Total Radio List

Customer	Asset #	Customer name	Make-Model	Serial number	Zip
6062675	523267	Pennington - Left Coke	cafe coke machine, LEFT	Royal GIII 660	1427BJ-3200
6195258	544640	Perrys Auto and Truck	shop	Dixie Narco 368	01796437DV 37214
6093141	310483	Pine Brook Apts.	by mailboxes	Vendo 382 Sales Man	194817
6075368	534216	Polo Park	clubhouse	Royal GIII 660	1443CJ9120 37214
6077680	525121	Suntrust Bank	break area	Royal GIII 660	1433BJ-7558
2164083	380203	TBI		Royal G-II 390	1292cg-0114
6225203	592978	Tenn. School - Auditorium Left	FRUITOPIA CANS	Dixie Narco 501E can	29886501CW 37214
6225207	588783	Tenn. School - Auditorium Right	COKE CANS	Dixie Narco 501E can	27336501CW 37214
6225213	588793	Tenn. School - Cottage #3	FRUITOPIA CANS	Dixie Narco 501E can	29606501CW 37214
6225212	588740	Tenn. School - Cottage #5	Cottage #5 courtyard	Dixie Narco 501E can	27606501CW 37214
6225210	592932	Tenn. School - Cottage #9	Cottage #9 courtyard	Dixie Narco 501E can	11756501CW 37214
6225205	588733	Tenn. School - East Teachers	East Wing Teachers Lounge	Dixie Narco 501E can	27486501CW 37214
6225202	593020	Tenn. School - Maintenance	n/a	Dixie Narco 501E can	12146501CW 37214
6225206	592826	Tenn. School - Procurement	Procurement Supply by Maint.	Dixie Narco 501E can	27706501CW 37214
6225209	588741	Tenn. School - Rec Center #14	Recreational Center, building #	Dixie Narco 501E can	27456501CW 37214
6225208	588612	Tenn. School - Woodworking #1	Woodworking Building #11	Dixie Narco 276E	4088-6477CW 37214
6121891	389070	Tulip Grove Apts.	PoolSide	Vendo 510	
2167868	399251	Tulip Grove Elem-teacher	teacher's lounge	Royal G-II 390	
6198954	520783	Voxcorp	breakroom upstairs	Dixie Narco 501	00926409BV 37214

Total # of Accounts 64

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11/11/01

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11/11/01

Total Radio List

Customer	Asset #	Customer name	Make-Model	Serial number	Zip
Route:	66				
6155169	459471	Admin - Upstairs #1	administration building upstairs	Dixie Narco 276	07196303au 37214
6221052	460496	Admin - Upstairs #2	administration building upstairs	Dixie Narco 276	0744-6303AU 37214
6092356	390573	Administration (Left)	G-II 390		37214
6092357	390576	Administration (Right)	G-II 390		37214
6155251	487953	Best Western - 1st floor	Dixie Narco 368	04886353	37214
6092361	390609	Boat (porch)	G-II 390		37214
6083218	389280	Building 1 - floor 1	S2 276		37214
6083219	390442	Building 1 - floor 2	S2 276		37214
6083220	390437	Building 1 - floor 3	S2 276		37214
6223085	574219	Building 2 - floor 1 - 20oz	building 2, 1st floor, 20oz mach	Royal GIII 20oz 804	1483CK-03321 37214
6083184	390605	Building 2 - floor 2	G-II 390		37214
6083185	390611	Building 2 - floor 3	G-II 390		37214
6083182	390619	Building 3 - floor 0	G-II 390		37214
6083181	390618	Building 3 - floor 1	G-II 390		37214
6083180	390620	Building 3 - floor 2	G-II 390		37214
6083179	390625	Building 3 - floor 3	Royal G-II 390		37214
6083178	390603	Building 3 - floor 4	G-II 390		37214
6083173	368951	Building 3D - floor 0	G-II 390		37214
6223082	574237	Building 3D - floor 1 - 20oz	opposite end of 3 building	S2 276	37214
6083175	390432	Building 3D - floor 2	opposite end of 3 building, 1st fl	Royal GIII 20oz 804	1483CK-03339 37214
6083176	389271	Building 3D - floor 3	opposite end of 3 building	S2 276	37214
6083177	390445	Building 3D - floor 4	opposite end of building 3		37214
6136689	473601	Building 4 - 0 floor	Dixie Narco 276		37214
6136686	423600	Building 4 - 1st floor	Dixie Narco 501	0660	37214
6223084	574251	Building 4 - 2nd floor - 20oz	Dixie Narco 501	0594	37214
6136683	423603	Building 4 - 3rd floor	Royal GIII 20oz 804	1483CK-03353	37214
6136685	423597	Building 4 - 4th floor	Dixie Narco 501	0683	37214
6136687	423599	Building 4 - 5th floor	Dixie Narco 501	0618	37214
6136688	423598	Building 4 - L.L. RM 40039	Dixie Narco 501	0603	37214
6147635	411883	Building 4(1) - 0 floor	Dixie Narco 501	0640	37214
6147633	411900	Building 4(1) - 1st floor	building 4, section 1, 0 floor	Dixie Narco Flex 19	01516244 37214
6147632	407483	Building 4(1) - 2nd floor	building 4, section 1, 1st floor	Dixie Narco Flex 19	0256244 37214
6147638	460230	Building 4(1) - 3rd floor	building 4, section 1, 2nd floor	Dixie Narco Flex 19	00786244 37214
6147639	460296	Building 4(1) - 4th floor	building 4, section 1, 3rd floor	Dixie Narco 501	03026332 37214
6147631	461337	Building 4(1) - 5th floor	building 4, section 1, 4th floor	Dixie Narco 501	03206332 37214
6147637	407588	Building 4(1) - L.L. floor	building 4, section 1, 5th floor	Dixie Narco 501	01336342 37214
6193359	517691	Building 4(2) - 2nd floor	building 4, section 1, lower lev	Dixie Narco Flex 19	00286244 37214
6157372	479430	Building 4(2) - 3rd floor	building #4, 3rd wing, 2nd floor	Dixie Narco 276	08966231AT 37214
6157373	480177	Building 4(2) - 4th floor	building #4, 3rd wing, 3rd floor	Dixie Narco 501	05886352 37214
6157375	480347	Building 4(2) - 5th floor	building 4, 3rd wing, 4th floor	Dixie Narco 501	04516352 37214
6083193	390606	Building 5 - floor 2	building 4, 3rd wing, 5th floor	Dixie Narco 501	05976352 37214
6083192	390610	Building 5 - floor 3	G-II 390		37214
6083191	390608	Building 5 - floor 4	Royal G-II 390		37214
6083186	389272	Building 6 - floor 0	G-II 390		37214
6223086	574249	Building 6 - floor 1 - 20oz	S2 276		37214
		Building 6, 1st floor, 20oz mac	Royal GIII 20oz 804	1483CK-03351	37214

Total Radio List

Customer	Asset #	Customer name	Make-Model	Serial number	Zip
083188	390628	Building 6 - floor 2	G-II 390		37214
083189	390621	Building 6 - floor 3	G-II 390		37214
083190	390465	Building 6 - floor 4	G-II 390		37214
083194	390635	Building 7 - floor 1	G-II 390		37214
083195	390617	Building 7 - floor 2	G-II 390		37214
083196	390637	Building 7 - floor 3	G-II 390		37214
083197	390633	Building 7 - floor 4	G-II 390		37214
083198	390615	Building 7 - floor 5	G-II 390		37214
083204	390626	Building 7C - floor 0	G-II 390		37214
223087	574220	Building 7C - floor 1 - 20oz	G-II 390		37214
083202	390460	Building 7C - floor 2	Royal GIII 20oz 804	1483CK-03322	37214
083201	390461	Building 7C - floor 3	G-II 390		37214
083200	390630	Building 7C - floor 4	G-II 390		37214
083199	390604	Building 7C - floor 5	G-II 390		37214
083217	390640	Building 8 - floor 0	G-II 390		37214
23082	574230	Building 8 - floor 1 - 20oz	G-II 390		37214
083215	390636	Building 8 - floor 2	Royal GIII 20oz 804	1483CK-03332	37214
083214	390634	Building 8 - floor 3	G-II 390		37214
083213	390462	Building 8 - floor 4	G-II 390		37214
083212	390632	Building 8 - floor 5	G-II 390		37214
083206	390616	Building 8C - floor 0	G-II 390		37214
083207	390568	Building 8C - floor 1	Royal G-II 390		37214
083208	390614	Building 8C - floor 2	G-II 390		37214
083209	390638	Building 8C - floor 3	G-II 390		37214
083210	390629	Building 8C - floor 4	G-II 390		37214
083211	390463	Building 8C - floor 5	G-II 390		37214
09782	512723	Cascades - smoking	G-II 390		37214
083161	390458	Cascades - smoking juice	Royal GIII 804	1419AJ-2097	37214
083162	390456	Cascades (Reservations)	Royal G-II 390		37214
083189	519198	Cascades-Reservations "coke"	Royal G-II 390		37214
09787	512527	Chat & Chew - 20oz Coke Left	Royal GIII 660	1427BJ-3006	37214
09170	582290	Chat & Chew - 20oz Coke Right	Royal GIII 20oz 804	1279-01-0333	37214
083222	390570	Chat & Chew - HKG L Juice	Dixie Narco 600E 20p	13936469BW	37214
091046	531752	Chat & Chew - HKG Middle	Royal G-II 390		37214
091031	558653	Chat & Chew - HKG R Fruitopi	Royal GIII 660	1437BJ6081	37214
085339	505284	Child Development Center	Dixie Narco 600E 20p	0698-6475AW	37214
04904	451628	Commissary	Vendo 392	279819	37214
07569	497042	Country Inn - 1st floor	Dixie Narco Flex 20	0047628	37214
07572	533275	Country Inn - 3rd floor	Royal GIII 660	1440CJ-7875	37214
05860	390457	Cracker Barrel	Royal GIII 660	1398DI-0225	37214
03089	574239	Delta Convention Area	Royal G-II 390		37214
04113	489127	Delta Employee Breakroom	Royal GIII 20oz 804	1483CK-03341	37214
03079	574243	Delta Foyer Left	Dixie Narco 501	08386405	37214
03080	574256	Delta Foyer Right	Royal GIII 20oz 804	1483CK-03345	37214
02351	573690	Econo Lodge 1st floor	Royal GIII 20oz 804	1483CK-03358	37214
0518	573638	Econo Lodge 2nd floor	Royal GIII 660	1482BK-00476	37214
08716	573630	Econo Lodge 3rd floor	Royal GIII 660		37214
04717	492343	Employee Training Trailer #4	Royal GIII 660	1482BK-00416	37214
			Dixie Narco 368	00756309	37214

Total Radio List

Owner	Asset #	Customer name		Make-Model	Serial number	Zip
12321	502407	Factory Stores of America (L)	by restrooms on left	Royal GIII 804	1402DI-0791	37214
12323	470528	Factory Stores of America (R)	by restrooms right machine	Royal GIII 660	1381CI2752	37214
2349	390478	Gaylord Entertainment - COKE	turn left off elevator, end of hall	Royal G-II 390		
16857	507411	Gaylord Entertainment - JUICE	2nd floor breakroom	Dixie Narco 368	02926392AV	
10656	523697	Greenhouse - 20oz		Royal GIII 20oz 804	1433BJ1874	37214
3170	568013	Greenhouse - Left	Greenhouse Maintenance build	Royal GIII 804	1468BK-06935	37214
15443	568018	Greenhouse - Right	Greenhouse Maintenance Build	Royal GIII 804	1468BK-06940	37214
1377	390528	Greenhouse Juice		Vendo 382 Sales Man		37214
4254	497416	Holiday Inn Express - 2nd floor	second floor (NEEDS TO BE S	Royal GIII 660	1398DI0599	
9780	518669	Housekeeping - Juice	housekeeping juice machine	Royal GIII 660	1425AJ-3199	37214
3159	539190	Housekeeping Left	housekeeping left	Royal GIII 804	14560DJ05188	37214
3158	539194	Housekeeping Right	housekeeping right	Royal GIII 804	1450DI5192	37214
0070	521241	Jewlers' of Las Vegas	behind sales counter	Dixie Narco 368	20646047BV	37214
3167	531656	Kitchen - upstairs 2nd floor	kitchen on the 2nd floor by Ry	Royal GIII 660	1437BJ-5985	37214
9737	403878	Koa Campground-Office Laundr	OFFICE LAUNDRY	Dixie Narco 276	05726225AT	37214
2339	390574	Maintenance Left		G-II 390		37214
2340	390571	Maintenance Right		G-II 390		37214
3081	584973	NEW TNN behind commissary	New TNN building behind Com	Dixie Narco 276E	08716470BW	37214
8793	502347	Opryland - Delta Dock	delta dock	GIII 804	1402di-0731	37214
0610	567976	Personnel Non-Smoking	under laundry bldg. next to fitn	Royal GIII 804	1468BK-06898	37214
3088	538938	Personnel PowerAde	under laundry facility in basem	Royal GIII 20oz 660	1485AK3452	37214
2747	572842	Personnel Smoking 20oz	under laundry bldg., next to fitn	Royal GIII 20oz 660	1472BK-03107	37214
1781	520809	Personnel Smoking Juice		Dixie Narco 501	0074-6409BU	37214
1164	390584	Powerhouse		G-II 390		37214
3320	568020	Ryman Dock	Ryman Dock in tunnel behind e	Royal GIII 804	1468BK-06942	37214
3166	568016	Ryman Foyer Left	Ryman Convention Hall Left M	Royal GIII 804	1468BK-06938	37214
3165	568015	Ryman Foyer Right	Ryman Convention Hall Right	Royal GIII 804	1468BK-06937	37214
3165	459458	Sara Lee		Dixie Narco 276		37214
1850	507419	Security - juice	BACK HALL	Dixie Narco 368 elect	02706392AV	37214
1358	390598	Security Greenland	catch from backside through do	G-II 390		37214
1721	404144	Shoney's Inn-1st Floor		Royal G-II 390		37214
1696	404125	Shoney's Inn-2nd Floor		Royal G-II 390		37214
1694	404145	Shoney's Inn-3rd Floor		Royal G-II 390		37214
729	404150	Shoney's Inn-4th Floor		Royal G-II 390		37214
691	404147	Shoney's Inn-5th Floor	5th floor	Royal G-II 390		37214
690	404149	Shoney's Inn-Employee		Royal G-II 390		37214
658	518945	Springhouse - Maint. PA		Royal GIII PowerAde	1426BJ-1113	37214
169	390452	Springhouse Maintenance	maintenance building breakroo	G-II 390		37214
261	531744	The Inn - hall behind Penningto	1st floor, hall behind Penningto	Royal GIII 660	1437BJ6073	37214
269	531714	The Inn - Room 1026	1st floor, by ROOM 1026	Royal GIII 660	1437BJ6043	37214
267	531756	The Inn - Room 2001	1st floor, by ROOM 2001	Royal GIII 660	1437BJ6085	37214
266	478860	The Inn - Room 2026	2nd floor, by ROOM 2026	Royal GIII 660	1391CI3864	37214
263	531732	The Inn - Room 3001	1st floor, by ROOM 3001	Royal GIII 660	1437BJ6061	37214
265	497427	The Inn - Room 3027	1st floor, by ROOM 3027	Royal GIII 660	1398DI0610	37214
359	390572	Ticket Tour (Right)		G-II 390		37214
519	426523	TNN	garage	S2 276	01146287	37214
353	568025	TNN - Back Stage Entrance	back dock area, by back stage e	Royal GIII 804	1468BK-06947	37214
354	572375	TNN - Lounge		Royal GIII 660		37214

Total Radio List

<u>Owner</u>	<u>Asset #</u>	<u>Customer name</u>	<u>Make-Model</u>	<u>Serial number</u>	<u>Zip</u>
2155	390577	TNN (Front)	G-II 390		37214
5339	562351	Two Rivers Baptist - PowerAde	Royal GII 20oz 804	1460AK-03137	37214
3530	390624	Wardrobe (JUICE)	G-II 390		37214
5933	308693	Wardrobe Laundry Left	Sales Manager		37214
2363	390580	Wardrobe Laundry Right	G-II 390		37214

al # of Accounts 146

Local Radio List

Customer	Asset #	Customer name		Make-Model	Serial number	Zip
Route:	67					
6192227	534030	Apria Healthcare	warehouse, suite # 17	Royal GIII 660	1443CJ8937	37210
6048719	521012	B P I	warehouse	Dixie Narco 501	0479-6409BV	
6052621	528085	Burton Building	sales office	Dixie Narco 501	01756420BV	37210
2127458	521158	Calamity Jane's	kitchen	Dixie Narco 501	06076409BV	37214
6200351	548400	Courier System	warehouse	Dixie Narco 368	0329-6289DT	37229
6196718	536140	Diagnostic Imaging	break room	Dixie Narco 501	0442-6433CV	37210
6200696	507613	Domino's Pizza	back room	Dixie Narco 368	1958-6407BV	37217
6050509	541284	M and A Supply	front lobby	Dixie Narco 501 E can	24656405CV	37210
6035511	399253	Margaret Allen School - stage	on stage in the cafeteria	Royal G-II 390	1292CG0104	37210
2144110	531716	Metro Board of Transportation	service area	Royal GIII 660	1437BJ6045	37210
2146932	533223	N E C Corporation	break room	Royal GIII 660	1440CJ7824	37210
6169347	497421	Opryland Duplicating		Royal GIII 660		37210
6049619	420950	Opryland Housing - lobby right	lobby right	Royal G-II 390	1305AH1238	37217
6153708	479846	Premier Concrete	garage break room	Dixie Narco 501	12866338BU	37210
6024364	540392	Progress Inc.	work shop	Dixie Narco 501 E can	2365643RCV	37222
6154422	527978	Publisher's Outlet	break room	Dixie Narco 501	0253-64201BV	37210
6188267	521296	Purple Onion	back wall by restroom	Dixie Narco 368	21006407BV	37210
6146151	532266	Service Transport - breakroom	break room	Royal GIII 804	1440CJ0413	37210
2113188	390516	Sound Impression	upstairs shop	Royal G-II 390	1279CG0254	37210
6057590	488103	Southeastern Freight	loading dock break area	Dixie Narco 368	08966353CU	
6191783	528470	Southeastern Freight #2	employee trailer	Dixie Narco 501	07836433CU	
6035206	390459	Stroud Graphics	next to Hardee's	Royal G-II 390		37214
6032136	281615	Superior Motors	next to counter (Take out DP#2	Vendo 510	006952	37217
6016159	497258	T P S - M2 Quad Mensler	mensler #2	Royal GIII 660	1398DI-0441	37210
6142026	426543	T P S - Safety Building	main break room	Dixie Narco 501	08576283DT	37210
2167497	563265	Trevecca Towers - Basement #2	basement #2	Royal GIII 660	491461AK-0396	37210
6008950	468596	Trevecca Towers - laundry	laundry room	Dixie Narco Flex 20	08276323BU	37210
6024645	390483	U.S. Roller Works	break room	Royal G-II 390	1279CG0277	

Total # of Accounts 28

Total "Skywire" List

Customer	Asset #	Customer name	Make-Model	Serial number	Zip
Route: 68					
6150243	567974	1st Merchants Acceptance	n/a	Royal GIII 804	1468BK-08896 37214
6014762	541238	A D P	file room	Dixie Narco 501E can	2429-6438CV 37217
6185629	525167	Advanced Auto Parts		Royal GIII 660	37214
6187137	529059	Air National Guard	hallway-Need to start in VV on	Dixie Narco 501	03486420BV 37217
6129495	508515	Airport Mail Center	break area-	Royal GIII 804	1415AJ0375 37217
6200134	523259	Airtech	break room	Royal GIII 660	1427BJ-3192 37217
6197140	525812	Alamo Rent A Car 20oz	1st bay repair shop	Royal GIII 20oz 804	1437BJ-2874 37217
2101479	497036	Arlington United Methodist	downstairs by the daycare	Royal GIII 660	1398DI0219 37217
6200646	508125	B D M International	1ST FLOOR, SUITE 114	Dixie Narco 368	02796392AV 37214
6141754	426677	Best Suites - 1st floor	first floor vending	Dixie Narco 501	09276283 37210
6141752	407418	Best Suites - 4th floor	fourth floor vending	Dixie Narco 276	023096262 37210
6014155	263084	Best Western		Vendo 392	37214
6197406	523253	Carey of Nashville	back of warehouse	Royal GIII 660	1427BJ3186 37217
6008647	512697	Clover Bottom - Admin Building	main hall	Royal GIII 804	1419AJ-2071 37214
6008645	567379	Clover Bottom - Caney Fork	OUTSIDE	Royal GIII 660	1464AK-00103 37214
6008655	567370	Clover Bottom - Clinch	OUTSIDE	Royal GIII 660	1464AK-00094 37214
6192930	520770	Clover Bottom - Cumberland	outside next to snack vender at	Dixie Narco 501	00306409BV 37214
6008640	468945	Clover Bottom - Cypress Cottage	cypress cottage	Dixie Narco 368	1301-6317BU 37214
6136020	523255	Clover Bottom - Dietary	break room	Royal GIII 660	1427BJ-3188 37214
6203645	488116	Clover Bottom - Dietary Juice	snack area juice machine	Dixie Narco 368	10846383AU 37214
6008638	567386	Clover Bottom - Engineering	vending room	Royal GIII 660	1464AK-00110 37214
6171988	489094	Clover Bottom - Hi way Patrol		Dixie Narco 501	37214
6171987	497201	Clover Bottom - Hiway Patrol	stainwell right 20 oz	Royal GIII 20oz 660	37214
6008653	533228	Clover Bottom - Human Resour	HUMAN RESOURCES	Royal GIII 660	1440CJ-7829 37214
6008643	567439	Clover Bottom - Old Hickory	LAUNDRY	Royal GIII 660	1464AK-00163 37214
6034602	489099	Clover Bottom - Pine Bldg		Dixie Narco 501	37214
6008615	524231	Clover Bottom - Progress House	at entrance, take 2nd L, go to to	Royal GIII 660	1427BJ3166 37214
6008639	489224	Clover Bottom - Special Ed		Dixie Narco 501	08596405AV 37214
6145464	451603	Clover Bottom - Stone Cottage	on patio	Dixie Narco Flex 20	00706278 37214
6008637	567442	Clover Bottom - TRCC	SNACK AREA	Royal GIII 660	1464AK-00166 37214
6008634	502119	Clover Bottom - Van Buren		Royal GIII 660	37214
6008646	497411	Clover Bottom - Walnut	LAUNDRY	Royal GIII 660	1398DI-0594 37214
6192931	535909	Clover Bottom - Walnut JUICE	Walnut Building	Dixie Narco 501	05146433CV 37214
6203646	550573	Clover Bottom - Work 20oz	work activity vending area 20o	Dixie Narco 501E 20o	09066413AW 37214
6008651	567440	Clover Bottom - Work Activity	CAFETERIA AREA	Royal GIII 660	1464AK-00164 37214
6197640	545017	Command Office - 20oz	break room	Dixie Narco 501E 20o	29026438CV 37217
6199104	544815	Data Mark	Break Room	Dixie Narco 368	01846437 37217
6134382	541097	Dept of Revenue	8th floor	Dixie Narco 501E can	23416438CV 37211
6008859	582640	Embassy Suites 2nd floor	2nd floor vending area	Dixie Narco 501E can	00496500BW 37214
2150992	582519	Embassy Suites 3rd floor	3rd floor vending area	Dixie Narco 501E can	17656500BW 37214
6008866	488881	Embassy Suites 5th floor	5th floor vending area	Dixie Narco 501E can	52556487BW 37214
6008861	582678	Embassy Suites 6th floor	6th floor vending area	Dixie Narco 501E can	05816474BW 37214
6008863	582636	Embassy Suites 7th floor	7th floor vending area	Dixie Narco 501E can	00426500BW 37214

Total "Skywire" LIST

<u>Customer</u>	<u>Asset #</u>	<u>Customer name</u>		<u>Make-Model</u>	<u>Serial number</u>	<u>Zip</u>
6008865	583203	Embassy Suites 8th floor	8th floor vending area	Dixie Narco 501E can	00126500BW	
6113053	502602	Embassy Suites Employees	next to restaurant loading dock	Royal GII 660	1401DI-0061	
2164274	380486	Espey & Houston		Dixie Narco 276		
6040090	380373	Executive Travel		Dixie Narco 276		
6200047	508141	FAA Weather Contract	hallway	Dixie Narco 368	02816392AV	37217
6199819	544836	Federated Mutual Insurance	Suite 250 breakroom	Dixie Narco 368	01426437DV	37214
6182981	520718	Glen Valley Apartments	laundry	Dixie Narco 368	1525-6399BU	37217
6073775	497097	H.C.M Inc.	1st bldg on left, use back dock	Royal GIII 660	1398di0280	
6189697	528214	Hartford Inc.	back of building corner stairs	Dixie Narco 501	0299-6433CV	37214
6056269	390556	Holiday Inn - 4th floor	4th floor	Dixie Narco 276		
6110214	390430	Holiday Inn Express-1st		Dixie Narco 276		
6110216	390429	Holiday Inn Express-2nd		Dixie Narco 276		
6110215	380468	Holiday Inn Express-3rd		Dixie Narco 276		
6062662	502283	Keniper National Insurance	suite 700	Royal GIII 660	01776243BT	
6166617	340830	La Quinta - 1st floor	1st floor	Dixie Narco 368		37214
6166619	308188	La Quinta Inn - 5th floor	5th floor	Dixie Narco 368	01396070BQ	37214
6180054	521140	Lincova Bay Apartments	sidewalk by the pool	Dixie Narco 501	05176409BV	37214
6054581	540413	M R C Group	suite # 103, 1st floor break roo	Dixie Narco 501E can	24996438CV	37210
6199593	451396	Mapco Express - Juice	kitchen on the 8th floor	Dixie Narco 276	04876321AV	37217
6177353	507447	Mapco Express - office	8th floor breakroom	Dixie Narco 368	02626392AV	37217
6195254	528507	Metro Furniture Outlet	break room	Dixie Narco 501	06696433CU	37217
6132577	399295	Mid TN Mental "FRONT DOO		Royal G-II 390	0057	37214
6198234	550949	Middle Tn Mental Health	breakroom	Dixie Narco 501E 200	05936457DV	37214
6197000	545125	National Car Rental	car wash first bay	Dixie Narco 501E 200	26466438CV	37217
6197005	545198	National Car Rental	break room	Dixie Narco 501E 200	27836438CV	37217
6193866	536491	Nationwide Ins.	break room	Dixie Narco 501	528224	37214
6179201	521126	Overton Building - Coke	front door to right	Dixie Narco 501	04976409BV	37217
6179203	517483	Overton Building - juice	front door to the right	Dixie Narco 276	03076188cs	37217
6132162	503905	Premium Auto Repair		Royal GIII 660	1401DI-0238	37217
6186906	535407	Promerica Financial Services	breakroom	Royal G-II 390	130SAII-1228	37214
6170094	459468	R O C I C	training kitchen	Dixie Narco 276		
6084399	479953	R O C I C - upstairs	8th floor breakroom	Dixie Narco 501	1126-6338BU	
6193584	532212	Red Roof Inn - 200z	beside other machine	Royal GIII 200z 660	1417BJ8686	
6148815	4601005	Red Roof Inn - 3rd floor	Third Floor	Dixie Narco Flex 16	00466309au	
6050593	502408	Red Roof Inn - Office	office vending room	Royal GIII 804	1402DI0792	
2155673	423751	Republic Parking	office	Royal G-II 390	1348ch0172	37217
6008896	399269	Sheraton Music City - 2nd FL R		Royal G-II 390		
6008900	474072	Sheraton Music City - 3rd FL L		Royal G-II 390	1292CG0109	
6008901	399264	Sheraton Music City - 3rd FL R		Royal G-II 390		
6008899	399266	Sheraton Music City - 4th FL L		Royal G-II 390		
2159055	399274	Sheraton Music City - Personnel	Hallway by Personnel	Royal G-II 390		
6179448	520580	Sleep Inn - 1st floor	1st floor vending	Dixie Narco 368	18396399BU	37214
6065564	229968	Thompson Place Apartments		Cavalier 469	283072	37204
2166460	531711	Thrifty Car Rental	outside by clean up area in back	Royal GIII 660	1417BJ6040	37217
6191936	534042	Thrifty Nickel	front room	Royal GIII 660	1443Cj8948	37214

Total Skywire List

<u>Customer</u>	<u>Asset #</u>	<u>Customer name</u>		<u>Make-Model</u>	<u>Serial number</u>	<u>Zip</u>
6156479	459450	Traders Post	kitchen	Dixie Narco 276	07656303	37214
6141968	420873	U. S. Army Recruiting		Royal G-II 390	1305ah1463	37214
6001218	460344	V Alexandra & Company	break area	Dixie Narco 501	04226332BU	
6133080	570724	Willis Corroon - 6th floor	6th floor break room	Dixie Narco 501E can	2411-6400CV	37202
6163343	493039	Willis Corroon-Cafe	colonnade NORTH cafe	Dixie Narco 368	22566329CU	37214
6163344	492758	Willis Corroon-North 6th floor	6th floor North	Dixie Narco 368	00466409BV	37214
6178378	518626	Willis Corroon-South 2nd 20oz	Second floor breakroom, 20oz	Royal GIII 20oz 660	1425AJ3156	37214
6163339	492476	Willis Corroon-South 3rd floor	3rd floor south colonnade	Dixie Narco 368	22756329CU	37214
6178377	518663	Willis Corroon-South 4th floor	4th floor breakroom	Royal GIII 660	1425AJ-3193	37214
6163340	492756	Willis Corroon-South 5th floor	5th floor south colonnade	Dixie Narco 368	22666329CU	37214
6166395	492837	Willis Corroon-South 6th floor	6th floor south	Dixie Narco 368	00466409BV	37214
6196305	520800	Wilson Inn - laundry room	laundry room - cans	Dixie Narco 501	00506409BV	
6123730	524142	Wilson Inn - Lobby	lobby	Royal GIII 20oz 804	1433BJ-2600	

Total # of Accounts 101

Local Radio List

<u>Customer</u>	<u>Asset #</u>	<u>Customer name</u>	<u>Make-Model</u>	<u>Serial number</u>	<u>Zip</u>
Route:	69				
6170217	497985	Brentwood - athletic hallway	Royal GIII 660	1402DI0722	37027
6204281	525475	Brentwood - Behind Gym PA	Royal GIII PowerAde	1437BJ1184	37027
6036535	480097	Brentwood - cafe juice	Dixie Narco 501	04396352BU	37027
6023436	502343	Brentwood - hall behind cafe	Royal GIII 804	1402DI0733	37027
6056339	502374	Brentwood - hall behind cafe 2	Royal GIII 804	1402DI0733	37027
6027691	423683	Brentwood - hall behind gym	Dixie Narco 501	04396352BU	37027
6195746	528221	Brentwood Medical Plaza	Dixie Narco 501	04576433CV	37027
6048256	479323	Focus Healthcare Corp	Dixie Narco 501	05746352BU	37027
6068700	480334	Hair Club for Men	Dixie Narco 501	03236352BU	37027
2130504	399471	Hart-Freeland-Roberts	Vendo 510	317645	37027
6008766	480665	Hilton Suites - 2nd floor L	Dixie Narco 368	F001301	37027
2132336	369159	Hilton Suites - 2nd floor R	Vendo 382 Sales Man	06396352BU	37027
6008764	389174	Hilton Suites - 3rd floor R	Vendo 382 Sales Man	270315	37027
6008765	369154	Hilton Suites - 4th floor R	Vendo 382 Sales Man	263319	37027
2132335	480103	Hilton Suites - employees	Dixie Narco 501	06396352BU	37027
2148660	480498	New Hope Community Church	Dixie Narco 501	10376338BU	37024
6105738	539184	Woodland MD L Gym	Royal GIII 804	1449DJ08182	37027
6105742	498515	Woodland MD L Juice	Royal GIII 660	1398DI-3468	37027
		athletic hallway			
		hall behind gym PowerAde			
		cafeteria juice			
		hall behind cafe			
		hall behind cafe			
		1st floor hallway by phone			
		breakroom			
		Gallatin Building, Suite 250, 1			
		breakrooms suite 300			
		2nd floor machine, LEFT SIDE			
		2nd floor machine, RIGHT SIDE			
		3rd floor machine, RIGHT SIDE			
		4th floor machine, RIGHT SIDE			
		employee break room			
		break area by day care			
		lobby by gym			
		cafe			
Total # of Accounts		18			

Local Radio List

Customer	Asset #	Customer name		Make-Model	Serial number	Zip
Route:	73					
6016818	451453	American Tire Company	sales floor	Dixie Narco Flex 20	03106278AU	37075
2106635	299469	Bluegrass Baptist Church	stairwell	Dixie Narco 501 UMI	09706063	37075
6204850	550390	Bob Frenslley Chrysler - Isuzu	isuzu shop	Dixie Narco 600E 200	0039-9475AW	37115
6027275	539153	Bob Frenslley Chrysler Plymouth		Royal GIII 804	1450DJ05134	37115
6201347	544684	Carriage Trade Cleaners	back area	Dixie Narco 368	03056437DV	37075
6192820	533294	Church of the Nazarene	gym	Royal GIII 660	1440CJ-7894	37075
6030415	279676	David Deaton Karate		Dixie Narco 240		37075
6156159	502112	Design 2000 Salon	front lobby	Royal GIII 660	1398DI-3690	37115
6157488	460510	Dollar General		Dixie Narco 276	08026333AU	37075
6057046	558098	E B Wilson - Left Coke	left side by juice	Royal GIII 660	1458AK-03625	37075
6057045	557915	E B Wilson - Right Coke	right side coke	Royal GIII 660	1458AK03442	37075
6135011	423763	Econo Auto Painting	INSIDE	Royal G-JI 390	1348CH0116	37115
2121500	288588	England's Hair Salon	break area	Dixie Narco 276 UMI	03226031	37115
6187406	521336	First American Bank	INVENTORY VENDER 3/10/9	Dixie Narco 368	19446407BV	37075
6192125	532448	First Baptist Church - PowerAde	none listed	Royal GIII PowerAde	1440CJ2069	37075
6061627	451463	First Baptist Church (office)		Dixie Narco Flex 20		37075
6032529	478845	First Baptist Church-youth		Royal GIII 660		37075
6093147	525123	Gambler Corp	shop	Royal GIII 660	1433BJ7560	37075
6140227	426434	Geneses Salon	front lobby	Dixie Narco 276		37075
6194892	525482	Hendersonville Christ. Academy	snack area beside gym	Royal GIII PowerAde	1437BJ1191	37075
6130435	496406	Hickory Point Townhouse	outside office	Royal GIII 660	1398DI-3359	37075
6140069	426481	Jewlers of Las Vegas	sales floor	Dixie Narco 368		37072
6199473	525977	Just for Feet - Front 20oz	front by concessions	Royal GIII 20oz 804	1437BJ3038	37115
6199470	539454	Just for Feet - Front PowerAde	front by concessions	Royal GIII PowerAde	1452DJ02234	37115
6036433	489269	Kawasaki Honda - lobby	lobby	Dixie Narco 501	06116405AV	37115
6185118	525484	Kawasaki Honda "powerade"	in shop next to coke machine	Royal GIII 20oz 804	1417BJ-1193	37115
6176378	498388	Memorial Park Tennis	under shed by phone	Royal GIII 660	1398DI-3341	37075
6025970	267236	Nottingham Apartments	n/a	Vendo 470	267236	37075
6045992	488059	Out Post Pawn-71B		Dixie Narco 368	07166353cu	37075
6196307	520166	Porter Paints	beside coffee machine	Dixie Narco 368	14496399BV	37075
6080209	525254	Reliable Automotive	sales room by copier	Royal GIII 660	1433BJ-7697	37072
6192822	534638	Somersby Equestrian	outside	Royal GIII 660	1443C18944	37075
6175264	489678	Sport Seasons - rivergate	back room hallway	Dixie Narco 501	05906405AV	37072
6147918	464843	Target #144		Royal GIII 20oz 660		37072
6014468	540362	U.S. Post Office	office	Dixie Narco 501E can	2292-6438CV	37075
6179539	521040	UHAUL		Dixie Narco 501	04926409BV	37075
6157858	469327	Victorian Garden		Dixie Narco Flex 20	00506310BU	37075
6172998	512927	Wal-Mart - garden center	garden center	Royal GIII 20oz 660		37075
6172999	658033	Wal-Mart - Left		Royal GIII 660	1458AK03560	37075
6177278	519335	Wal-Mart "20oz"	sidewalk	Royal GIII 20oz 660	1427BJ-1623	37115
6172997	281863	Wal-Mart "break room upstairs"	break room,	Vendo 510		37075
6177275	539200	Walmart sidewalk	sidewalk	Royal GIII 804	1450DJ0198	37115
6117363	53316	World Of Plastics		Royal GIII 660	1440CJ7916	37075

Total # of Accounts 43

8/27/98

Fixed column assignments Make-Model number0 Electronics

0 Dixie Narco 276
 0 Royal G-II 390
 0 Vendo 382 Sales Manager
 0 Vendo 510
 0 Royal GIII 20oz 804
 0 Royal GIII 20oz 660
 0 Dixie Narco 501
 0 Dixie Narco Flex 20
 0 Dixie Narco Flex 19
 0 Dixie Narco Flex 16
 0 Dixie Narco 368
 0 Royal GIII 804
 0 Royal GIII 660
 0 Royal GIII PowerAde 804
 0 Dixie Narco 522 20oz
 0 Dixie Narco 501E 20oz
 0 Dixie Narco 501E cans
 0 Dixie Narco 600E LeBlue
 0 Dixie Narco 600E 20oz
 0 Dixie Narco 276E

0.00 01 Electromechanics

1 Cavalier 564
 1 Dixie Narco 368 UMIC
 1 Cavalier 480
 1 Cavalier 564 U
 1 Vendo 516
 1 Vendo 280
 1 Dixie Narco 180
 1 Vendo 392
 1 Dixie Narco 440
 1 Vendo 470
 1 Dixie Narco 414
 1 Dixie Narco 501 UMIC
 1 Dixie Narco 489
 1 Dixie Narco 522
 1 Dixie Narco 240
 1 Dixie Narco 276 UMIC
 1 Vendo 312
 1 Cavalier 469
 1 Cavalier 480 10oz
 1 Cavalier 392
 1 Cavalier 225
 1 Cavalier 483
 1 Cavalier 306
 1 Cavalier 343
 1 Dixie Narco 600
 1 Vendo 186
 1 Cavalier 390
 1 Dixie Narco 348

28.00 1Grand Total:28.00

Exhibit 3 Narrative Statement

GPT's system aims to improve the management of full-service vending machines through monitoring by a fitted telememetry device, or Vending Interface Unit ('VIU'). The VIU consists of two (2) printed circuit boards, a motherboard and a communications interface board. The two (2) boards are fitted within a single case to become an operational unit. The unit will be fitted within the vending machine and will report the machine's status via an integrated communications interface board which will be a Mobitex data packet radio modem. The radio traffic generated via the VIU is transmitted by the BellSouth Wireless Data Mobitex Network (formerly "Ram Mobile Data") and converted to an X.25 data stream and then sent to and processed by the Vending Management System, which will be located in Atlanta, GA. The Vending Management System is a software program operating on standard computer platforms and does not require FCC approval. The system concept has been proven using Mobitex radios external to the VIU case. However, the VIU has been designed to operate with an integrated Mobitex radio and further testing is necessary. Therefore, an experimental license is sought by the Applicant to test the VIU at a chosen location so that any problems can be resolved before full production begins.

An vertical polarized di-pole antenna will be fitted into the top of the VIU case which will be placed within the vending machine. In areas of poor reception, an external antenna mounted to the top of the vending machine may be required. The antenna is designed to operate within the 869 MHz-941 MHz frequencies. The following antenna information has been included in this Exhibit 3:

- Electrical Characteristics
- Antenna Diagram
- Antenna Electrical Parameters
- Radiation Pattern

In addition to the requested Nashville, TN field test area, a number of additional field trial locations may be requested in the future to meet additional customer and development requirements. During the testing in Nashville, GPT will conduct tests to ensure that the components of the system will provide data at the expected time. Additionally, 100 units will be needed to ensure that the system is compatible with a large number of differing models of vending machines. The overall aim of the system is to improve the management of full-service vending machines which could result in a reduction in the number of visits to a particular machine while minimizing the time a particular product is 'sold out'. This increase in operating efficiency would result in increased sales and enable depot staff to support an increase in the number of machines without increasing the daily workload. Testing of the Vending Machine Radio Interface would thus be a valuable contribution to the extension and expansion of the radio art.

1. Description : Rubber Duckie Antenna

2/3

2. Customer : FORMOSA'S COMMUNICATION CO., INC.

MODEL : CP-22 D

ELECTRICAL CHARACTERISTICS

1. Impedance : 50 Ω (Nominal.)

2. Polarization : Vertical.

3. Frequency : 894-940 MHz

MECHANICAL CHARACTERISTICS

1. Appearance/Dimension : see fig 1

2. Connector type : see fig 1

3. Initial Deflection : 25° (Max)

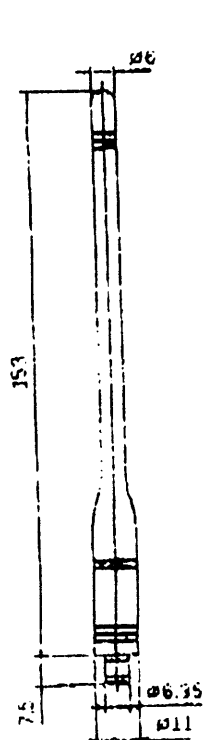
4. Banding Test : No damage after 20 cycles.

TEMPERATURE RANGE

Operating temperature range : -20 °C to +55°C

Storage temperature range : -30 °C to +75 °C

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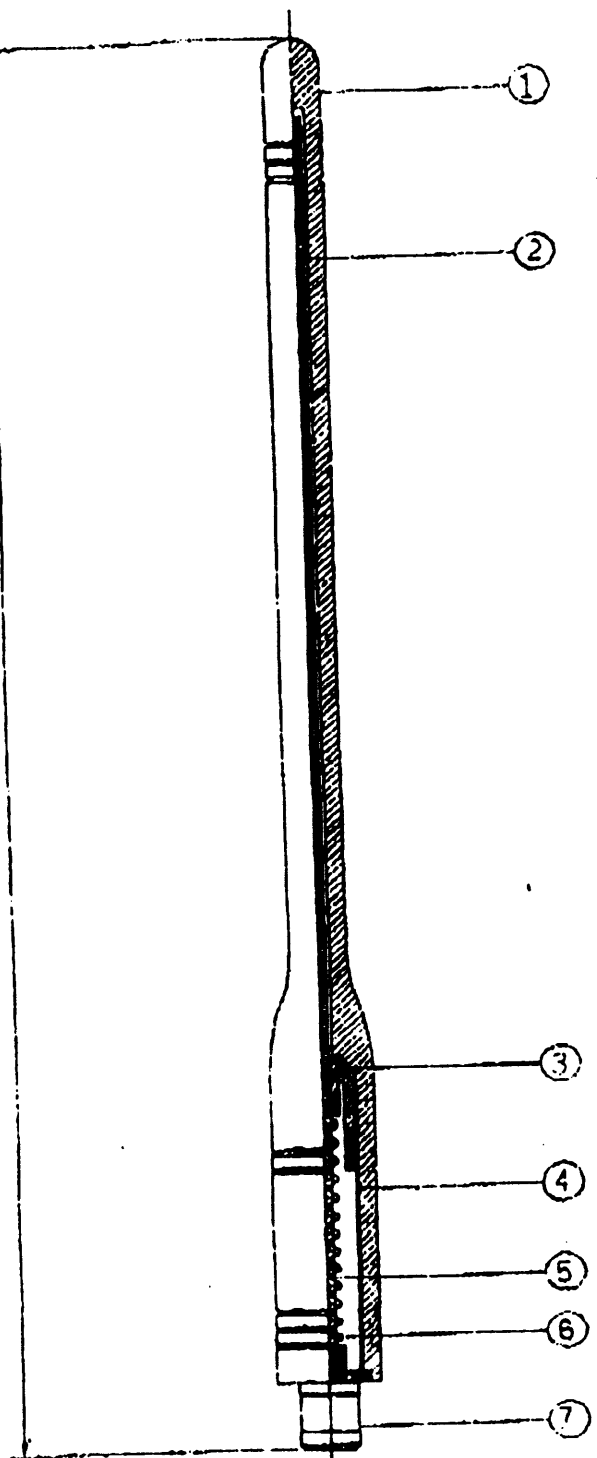
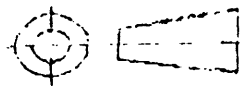


fig.1

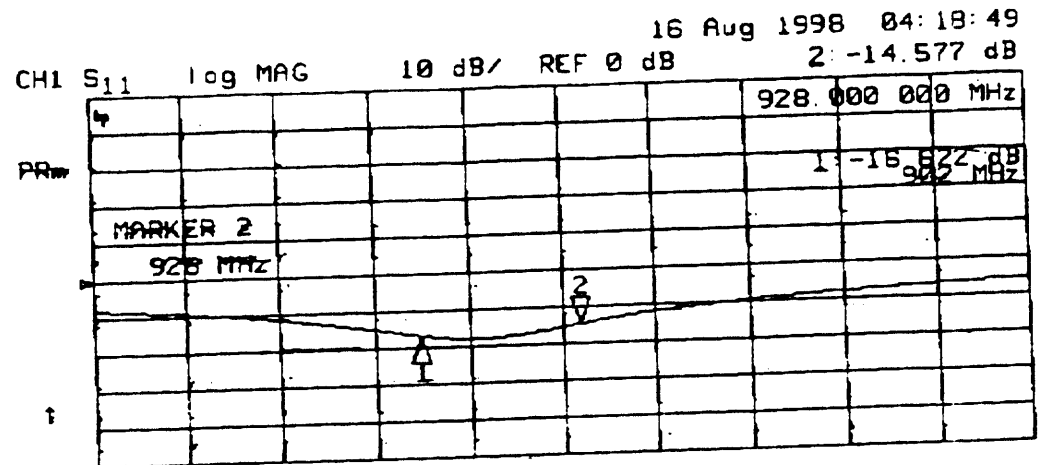
MODEL: CP-220

5	Glass Fiber Tube	1	Glass Fiber				
4	Brass Tube	1	Brass				
3	Plastic Tube	1	Pom				
2	Wire Rope	1	Steel	7	Connector	1	Bsmb
1	Rubber Tube	1	Rubber	6	Coil	1	Sup
NO.	DESCRIPTION	QTY	MATERIAL	NO.	DESCRIPTION	QTY	MATERIAL
檢	APPROVAL	公差	12	品名	Rubber Ant.	6	DATE 版 0
驗	檢	±3	PROJECTION	TITLE		M	98,06,20 次
圖	CHECK	單位					
製	製	比例					
圖	校	1:1					

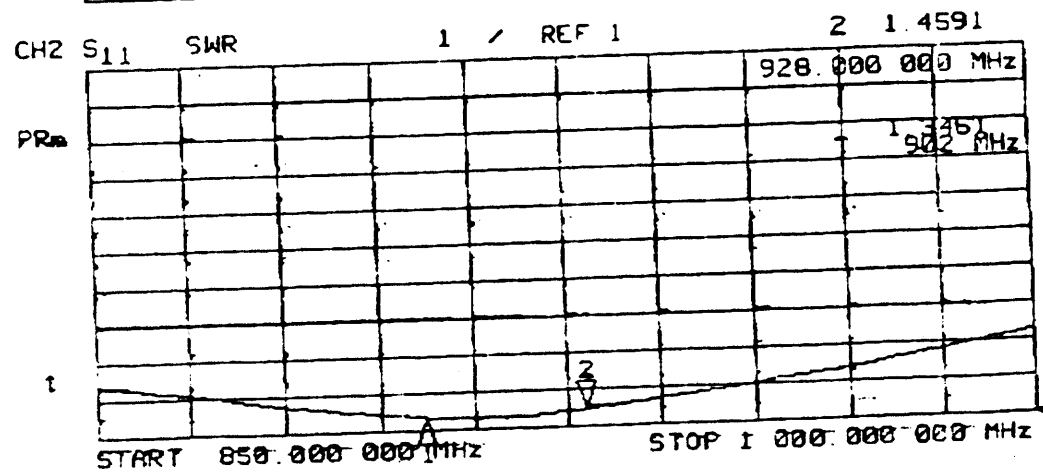


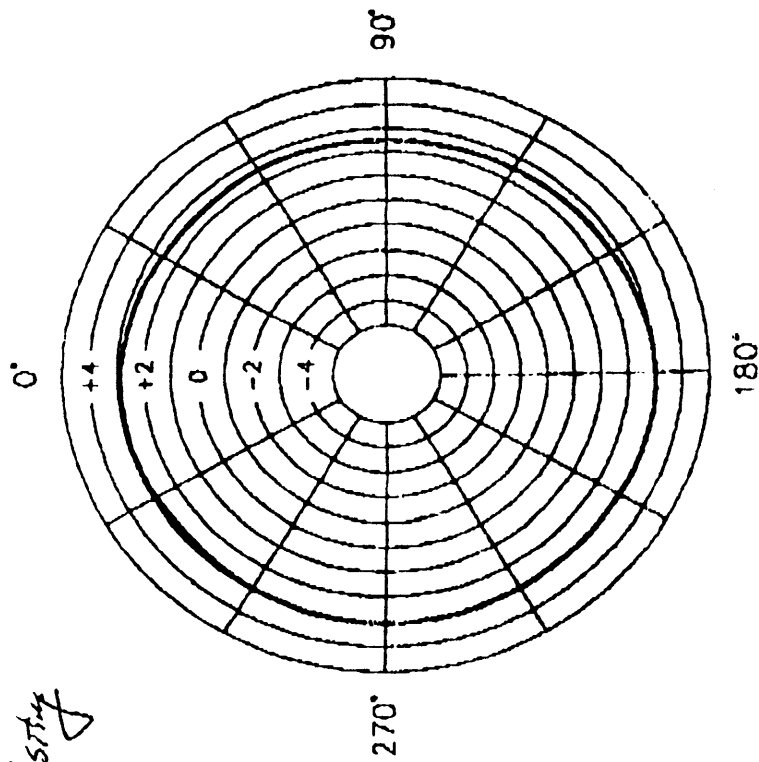
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ANTENNA ELECTRICAL PARAMETERS



Antenna measurements resulting from setup utilizing ideal ground.





Radiation Pattern of
S46308-915S

Antenna Testing