neighbor's system where system coverage overlapped.

We also have a suggestion for metropolitan area trunking systems. We feel that the rules should promote sharing of capacity regardless of service. For example, utility systems see their heavy use on the week days during the daytime. Police systems, on the other hand, are used most heavily at night and on the weekends. Smaller systems for each could be used if the excess capacity of one could be used by the other. Software can easily partition each system so it is never any worse than its basic capacity, but increased capacity would be available routinely.

There is one final issue we would like to mention. This has to do with Arizona's southern border - a joint border with Mexico. Considering that refarming will usher in a whole new way of using our radio systems, we urge that the government of the United States attempt to get an agreement with Mexico concerning radio spectrum use below 470 MHz. We feel we need a similar arrangement as our Line A gives us with Canada. Border states such as Arizona very often feel the lack of such an agreement as we suffer interference to our systems by some used in Mexico.

Arizona is pleased to be able to offer these comments, and again, we commend the Commission for the courage to enter this process.

Respectfully submitted,

Shannon Fitzsimmons

Shannon Fitzsimmons
Arizona APCO Chapter President
May 21, 1993

Donald W. Pfohl

Donald W. Pfohl
Regulatory Committee Chairman
May 21, 1993

Appendix A

Appendix A is a frequency listing of Public Safety frequencies between 150.995 and 159.4675 MHz. This listing is organized in 12.5 KHz increments. The goals of this listing were:

1. Identify specific frequencies in 12.5 KHz increments.

2. Group services onto contiguous channels to minimize cross coordination problems.

3. Identify twenty (20) trunking capable channels.

4. Identify five (5) emergency channels.

5. Identify one frequency per service for every existing frequency in that service.

Results of this Alignment

1. Frequencies are aligned at 12.5 KHz intervals.

2. Services grouped as much as possible onto contiguous channels. We suggest all trunking channels should be coordinated by a single coordinator.

3. Identified twenty (20) trunking channels

Tx-Tx Spacing:	100 KHz
Tx-Rx Spacing:	3 MHz minimum
Rx-Rx Spacing:	50 KHz

4. Five frequencies spaced at 12.5 KHz increments are identified for emergency use. We suggest only temporary base and mobile use on these frequencies for all levels of government.

5. New versus old frequencies by service.

Service	PA	PF	PH	P1	PO	PP	PS
Old	0	25	35	58	41	64	13
New	49	25	35	58	41	64	13

EXISTING FREQUENCY ALIGNMENT	EXT. SVC.	12.5 KHz FREQUENCY ALIGNMENT	12.5 khZ SVC.	FINAL USAGE	PAIRED WITH	FREQ. COORD.
150.99500	PH	150.99500	PH			AASHTO
		151.00750	PA	TRUNKING RX	153.79000	APCO
151.01000	PH					
		151.02000	PH			AASHTO
151.02500	PH					
		151.03250	PH			AASHTO
151.04000	PH					
		151.04500	PH			AASHTO
151.05500	PH					
		151.05750	PA	TRUNKING RX	153.89000	APCO
151.07000	PH	151.07000	PH			AASHTO
		151.08250	PH			AASHTO
151.08500	PH					
		151.09500	PH			AASHTO
151.10000	PH					
		151.10750	PA	TRUNKING RX	153.99000	APCO
151.11500	PH					
		151.12000	PH			AASHTO
151.13000	PH					
		151.13250	PH			AASHTO
151.14500	PO	151.14500	PH			AASHTO
		151.15750	PA	TRUNKING RX	154.09000	APCO
151.16000	PO					
		151.17000	PO			FCCA
151.17500	PO					
		151.18250	PO			FCCA
151.19000	PO					
		151.19500	PO			FCCA
151.20500	PO					
		151.20750	PA	TRUNKING RX	154.19000	APCO

EXISTING FREQUENCY ALIGNMENT	EXT. SVC.	12.5 KHz FREQUENCY ALIGNMENT	12.5 khZ SVC.	FINAL USAGE	PAIRED WITH	FREQ. COORD.
		151.30750	PA	TRUNKING RX	154.39000	APCO
151.31000	PO					
		151.32000	PO			FCCA
151.32500	PO					
		151.33250	PO			FCCA
151.34000	PO					
		151.34500	PO			FCCA
151.35500	PO					
		151.35750	PA	TRUNKING RX	154.70000	APCO
151.37000	PO	151.37000	PO			FCCA
		151.38250	PO			FCCA
151.38500	PO					
		151.39500	PO			FCCA
151.40000	PO					
		151.40750	PA	TRUNKING RX	154.80000	APCO
151.41500	PO					
		151.42000	PO			FCCA
151.43000	PO					
		151.43250	PO			FCCA
151.44500	PO	151.44500	PO			FCCA
		151.45750	PO			FCCA
151.46000	PO					
		151.47000	PO			FCCA
151.47500	PO					
		151.48250	PO			FCCA
151.49000	PO, IS					
		151.49500	IS			SIRSA

EXISTING FREQUENCY ALIGNMENT	EXT. SVC.	12.5 KHz FREQUENCY ALIGNMENT	12.5 khZ SVC.	FINAL USAGE	PAIRED WITH	FREQ. COORD.
153.84500	PL					
		153.85250	PL			APCO
153.86000	PL					
		153.86500	PL			APCO
153.87500	PL					
		153.87750	PL			APCO
153.89000	PF	153.89000	PA	TRUNKING TX	151.05750	APCO
		153.90250	PL			APCO
153.90500	PL					
		153.91500	PL			APCO
153.92000	PL					
		153.92750	PL			APCO
153.93500	PL					
		153.94000	PL			APCO
153.95000	PF					
		153.95250	PL			APCO
153.96500	PL	153.96500	PL			APCO
		153.97750	PL			APCO
153.98000	PL					
		153.99000	PA	TRUNKING TX	151.10750	APCO
153.99500	PL					
		154.00250	PL			APCO
154.01000	PF					
		154.01500	PL			APCO
154.02500	PL					
		154.02750	PL			IMSA
154.04000	PL	154.04000	PF			IMSA
		154.05250	PF			IMSA
154.05500	PL					
		154.06500	PF			IMSA
154.07000	PF					
		154.07125	PF			IMSA
154.08500	PL					
		154.09000	PA	TRUNKING TX	151.15750	APCO
154.10000	PL					
		154.10250	PF			IMSA
154.11500	PL	154.11500	PF			IMSA
		154.12750	PF			IMSA
154.13000	PF					
		154.14000	PF			IMSA
154.14500	PF					

EXISTING FREQUENCY ALIGNMENT	EXT. SVC.	12.5 KHz FREQUENCY ALIGNMENT	12.5 khZ SVC.	FINAL USAGE	PAIRED WITH	FREQ. COORD.
		154.15250	PF			IMSA
154.16000	PF					
		154.16500	PF			IMSA
154.17500	PF					
		154.17750	PF			IMSA
154.19000	PF	154.19000	PA	TRUNKING TX	151.20750	APCO
		154.20250	PF			IMSA
154.20500	PF					
		154.21500	PF			IMSA
154.22000	PF					
		154.22750	PF			IMSA
154.23500	PF					
		154.24000	PF			IMSA
154.25000	PF					
		154.25250	PF			IMSA
154.26500	PF	154.26500	PF			IMSA
		154.27750	PF			IMSA
154.28000	PF					
		154.29000	PA	TRUNKING TX	151.25750	APCO
154.29500	PF					
		154.30250	PF			IMSA
154.31000	PF					
		154.31500	PF			IMSA
154.32500	PF					
		154.32750	PF			IMSA
154.34000	PF	154.34000	PF			IMSA
		154.35250	PF			IMSA
154.35500	PF					
		154.36500	PF			IMSA
154.37000	PF					
		154.37750	PF			IMSA
154.38500	PF					
		154.39000	PA	TRUNKING TX	151.30750	APCO
154.40000	PF					
		154.40250	PP			APCO
		154.41500	PP			APCO
		154.42750	PP			APCO
		154.40000	PP			APCO
154.45630	PL	154.45630	PA	TELEMETRY		APCO

EXISTING FREQUENCY ALIGNMENT	EXT. SVC.	12.5 KHz FREQUENCY ALIGNMENT	12.5 khZ SVC.	FINAL USAGE	PAIRED WITH	FREQ. COORD.
154.46380	PL	154.46380	PA	TELEMETRY		APCO
154.47130	PL	154.47130	PA	TELEMETRY		APCO
154.47880	PL	154.47880	PA	TELEMETRY		APCO
154.65000	PP	154.65000	PP			APCO
		154.66250	PP			APCO
154.66500	PP					
		154.37500	PP			APCO
154.68000	PP					
		154.68750	PP			APCO
154.69500	PP					
		154.70000	PA	TRUNKING TX	151.35750	APCO
154.71000	PP					
		154.71250	PP			APCO
154.72500	PP	154.72500	PP			APCO
		154.73750	PP			APCO
154.74000	PP					
		154.75000	PP			APCO
154.75500	PP					
		154.76250	PP			APCO
154.77000	PP					
		154.77500	PP			APCO
154.78500	PP					
		154.78750	PP			APCO
154.80000	PP	154.80000	PA	TRUNKING TX	151.40750	APCO
		154.81250	PP			APCO
154.81500	PP					
		154.82500	PP			APCO
154.83000	PP					
		154.83750	PP			APCO
154.84500	PP					
		154.85000	PP			APCO
154.86000	PP					
		154.86250	PP			APCO
154.87500	PP	154.87500	PP			APCO
		154.88125	PP			APCO
154.89000	PP					
		154.90000	PA	TRUNKING TX	158.75500	APCO
154.90500	PP					
		154.91250	PP			APCO
154.92000	PP					
		154.92500	PP			APCO

EXISTING FREQUENCY ALIGNMENT	EXT. SVC.	12.5 KHz FREQUENCY ALIGNMENT	12.5 khZ SVC.	FINAL USAGE	PAIRED WITH	FREQ. COORD.
154.93500	PP					
		154.93750	PP			APCO
154.95000	PP	154.95000	PP			APCO
		154.96250	PP			APCO
154.96500	PL					
		154.97500	PP			APCO
154.98000	PL					
		154.98750	PP			APCO
154.99500	PL					
		155.00000	PA	TRUNKING TX	158.80500	APCO
155.01000	PP					
		155.01250	PL			APCO
155.02500	PL	155.02500	PL			APCO
		155.03750	PL			APCO
155.04000	PL					
		155.05000	PL			APCO
155.05500	PL					
		155.06250	PL			APCO
155.07000	PP					
		155.07500	PL			APCO
155.08500	PL					
		155.08750	PL			APCO
155.10000	PL	155.10000	PA	TRUNKING TX	158.85500	APCO
		155.11250	PL			APCO
155.11500	PL					
		155.12500	PL			APCO
155.13000	PP					
		155.13750	PL			APCO
155.14500	PL					
		155.15000	PS			IMSA
155.16000	PS					
		155.16250	PS			IMSA
155.17500	PS	155.17500	PS			IMSA
		155.18750	PS			IMSA
155.19000	PP					
		155.20000	PA	TRUNKING TX	158.90500	APCO
155.20500	PS					
		155.21250	PS			IMSA
155.22000	PS					
		155.22500	PS			IMSA
155.23500	PS					

EXISTING FREQUENCY ALIGNMENT	EXT. SVC.	12.5 KHz FREQUENCY ALIGNMENT	12.5 khZ SVC.	FINAL USAGE	PAIRED WITH	FREQ. COORD.
		155.23750	PS			IMSA
155.25000	PP	155.25000	PS			IMSA
		155.26250	PS			IMSA
155.26500	PS					
		155.27500	PS			IMSA
155.28000	PS					
		155.28750	PS			IMSA
155.29500	PS					
		155.30000	PA	TRUNKING TX	158.95500	APCO
155.31000	PP					
		155.31250	PS			IMSA
155.32500	PS					
		155.32500	PS			IMSA
155.34000	PS					
		155.33750	PP			APCO
155.35500	PS	155.35000	PP			APCO
		155.36250	PP			APCO
155.37000	PP					
		155.37500	PP			APCO
155.38500	PS					
		155.38750	PP			APCO
155.40000	PS	155.40000	PA	TRUNKING TX	159.00500	APCO
		155.41250	PP			APCO
155.41500	PP					
		155.42500	PP			APCO
155.43000	PP					
		155.43750	PP			APCO
155.44500	PP					
		155.45000	PP			APCO
155.46000	PP					
		155.46250	PP			APCO
155.47500	PP	155.47500	PP			APCO
		155.48750	PP			APCO
155.49000	PP					
		155.50000	PA	TRUNKING TX	159.05500	APCO

EXISTING FREQUENCY ALIGNMENT	EXT. SVC.	12.5 KHz FREQUENCY ALIGNMENT	12.5 khZ SVC.	FINAL USAGE	PAIRED WITH	FREQ. COORD.
155.55000	PP	155.55000	PP			APCO
		155.56250	PP			APCO
155.56500	PP					
		155.57500	PP			APCO
155.58000	PP					
		155.58750	PP			APCO
155.59500	PP					
		155.60000	PA	TRUNKING TX	159.10500	APCO
155.61000	PP					
		155.61250	PP			APCO
155.62500	PP	155.62500	PP			APCO
		155.63750	PP			APCO
155.64000	PP					
		155.65000	PP			APCO
155.65500	PP					
		155.66250	PP			APCO
155.67000	PP					
		155.67500	PA	NEW		APCO
155.68500	PP					
		155.68750	PA	NEW		APCO
155.70000	PP	155.70000	PA	TRUNKING TX	159.15500	APCO
		155.71250	PA	NEW		APCO
155.71500	PL					
		155.72500	PA	NEW		APCO
155.73000	PP					
		155.73750	PL			APCO
155.74500	PL					
		155.75000	PL			APCO
155.76000	PL					
		155.76250	PL			APCO
155.77500	PL	155.77500	PL			APCO
		155.78750	PL			APCO
155.79000	PP					
		155.80000	PA	TRUNKING TX	159.20500	APCO
155.80500	PL					
		155.81250	PL			APCO
155.82000	PL					
		155.82500	PL			APCO
155.83500	PL					
		155.83750	PL			APCO

EXISTING FREQUENCY ALIGNMENT	EXT. SVC.	12.5 KHz FREQUENCY ALIGNMENT	12.5 khZ SVC.	FINAL USAGE	PAIRED WITH	FREQ. COORD.
155.85000	PP	155.85000	PL			APCO
		155.86250	PL			APCO
155.86500	PL					
		155.87500	PL			APCO
155.88000	PL					
		155.88750	PL			APCO
155.89500	PL					
		155.90000	PA	TRUNKING TX	159.25500	APCO
155.91000	PP					
		155.91250	PL			APCO
155.92500	PL	155.92500	PL			APCO
		155.93750	PL			APCO
155.94000	PL					
		155.95000	PP			APCO
155.95500	PL					
		155.96250	PP			APCO
155.97000	PP					
		155.97500	PP			APCO
155.98500	PL					
		155.98750	PP			APCO
156.00000	PL	156.00000	PP			APCO
		156.01250	PP			APCO
156.01500	PL					
		156.02500	PP			APCO
156.03000	PP					
		156.03750	PH			AASHTO
156.04500	PH					
		156.05000	PH			AASHTO
156.06000	PH					
		156.06250	PH			AASHTO
156.07500	PH	156.07500	PH			AASHTO
		156.08750	PH			AASHTO
156.09000	PP					
		156.10000	PH			AASHTO
156.10500	PH					
		156.11250	PH			AASHTO
156.12000	PH					
		156.12500	PH			AASHTO
156.13500	PH					
		156.13750	PH			AASHTO
156.15000	PP	156.15000	PH			AASHTO

EXISTING FREQUENCY ALIGNMENT	EXT. SVC.	12.5 KHz FREQUENCY ALIGNMENT	12.5 khZ SVC.	FINAL USAGE	PAIRED WITH	FREQ. COORD.
		156.16250	PH			AASHTO
156.16500	PH					
		156.17500	PH			AASHTO
156.18000	PH					
		156.18750	PA	NATIONWIDE EMERGENCY		APCO
156.19500	PH					
		156.20000	PA	NATIONWIDE EMERGENCY		APCO
156.21000	PH					
		156.21250	PA	NATIONWIDE EMERGENCY		APCO
156.22500	PH	156.22500	PA	NATIONWIDE EMERGENCY		APCO
		156.23750	PA	NATIONWIDE EMERGENCY		APCO
156.24000	PH					
158.73000	PP	158.73000	PL			APCO
		158.74250	PL			APCO
158.74500	PL					
		158.75500	PA	TRUNKING RX	154.90000	APCO
158.76000	PL					
		158.76750	PL			APCO
158.77500	PL					
		158.78000	PL			APCO
158.79000	PP					
		158.79250	PL			APCO
158.80500	PL	158.80500	PA	TRUNKING RX	155.00000	APCO
		158.81750	PL			APCO
158.82000	PL					
		158.83000	PL			APCO
158.83500	PL					
		158.84250	PL			APCO
158.85000	PP					
		158.85500	PA	TRUNKING RX	155.10000	APCO
158.86500	PL					
		158.86750	PL			APCO
158.88000	PL	158.88000	PL			APCO
		158.89250	PL			APCO
158.89500	PL					
		158.90500	PA	TRUNKING RX	155.20000	APCO
158.91000	PP					
		158.91750	PL			APCO
158.92500	PL					
		158.93000	PP			APCO
158.94000	PL					

EXISTING FREQUENCY	EXT.	12.5 KHz FREQUENCY	12.5 khZ	FINAL	PAIRED	FREQ.

EXISTING FREQUENCY ALIGNMENT	EXT. SVC.	12.5 KHz FREQUENCY ALIGNMENT	12.5 khZ SVC.	FINAL USAGE	PAIRED WITH	FREQ. COORD.
159.25500	PO	159.25500	PA	TRUNKING RX	155.90000	APCO
		159.26750	PO			FCCA
159.27000	PO					
		159.28000	PO			FCCA
159.28500	PO					
		159.29250	PO			FCCA
159.30000	PO					
		159.30500	PO			FCCA
159.31500	PO					
		159.31750	PO			FCCA
159.33000	PO	159.33000	PO			FCCA
		159.34250	PO			FCCA
159.34500	PO					
		159.35500	PO			FCCA
159.36000	PO					
		159.36750	PO			FCCA
159.37500	PO					
		159.38000	PO			FCCA
159.39000	PO					
		159.39250	PO			FCCA
159.40500	PO	159.40500	PO			FCCA
		159.41750	PO			FCCA
159.42000	PO					
		159.43000	PO			FCCA
159.43500	PO					
		159.44250	PO			FCCA
159.45000	PO					
		159.45500	PO			FCCA
159.46500	PO					
		159.46750	PO			FCCA

Appendix B

Appendix B is a frequency listing of Public Safety frequencies between 150.995 and 159.4675 MHz. This listing is organized in 12.5 KHz increments. The goals in suggesting specific frequencies for each Public Safety Service were:

1. Each service would have the same number of frequencies at the 12.5 KHz spacing as they had at a 15 KHz spacing.

2. Twenty (20) frequency pairs would be identified that could be used for trunking.

3. Contiguous frequencies in large blocks would be suggested for control and mobile use and for mobile relay and base use to allow closer spacings to be used on mountaintops and in base transmit sites.

4. Five (5) simplex frequencies were suggested for a nationwide emergency use.

5. Specific mobile relay pairs would be identified in each service.

6. Cross-service coordination problems are minimized by grouping consecutive frequencies into a single service.

Results of this Alignment

1. New versus old frequencies by service

Service	PA	PF	PH	PL	PO	PP	PS
Old	0	25	35	58	41	64	13
New	45	30	33	56	42	64	13

2. Twenty channels are identified which could be used for trunking.
   Tx-Tx Spacing: 100 KHz
   Tx-Rx Spacing: 3 MHz minimum

EXISTING FREQUENCY ALIGNMENT	EXT. SVC.	12.5 KHz FREQUENCY ALIGNMENT	12.5 khZ SVC.	FINAL USAGE	PAIRED WITH	FREQ. COORD.
150.9950	PH	150.9950	PH	FX1, MO	156.0375	AASHTO
		151.0075	PA	FX1, MO (TRK)	153.7900	APCO
151.0100	PH					
		151.0200	PH	FX1, MO	156.0500	AASHTO
151.0250	PH					
		151.0325	PH	FX1, MO	156.0625	AASHTO
151.0400	PH					
		151.0450	PH	FX1, MO	156.0750	AASHTO
151.0550	PH					
		151.0575	PA	FX1, MO (TRK)	153.8900	APCO
151.0700	PH	151.0700	PH	FX1, MO	156.0875	AASHTO
		151.0825	PH	FX1, MO	156.1000	AASHTO
151.0850	PH					
		151.0950	PH	FX1, MO	156.1125	AASHTO
151.1000	PH					
		151.1075	PA	FX1, MO (TRK)	153.9900	APCO
151.1150	PH					
		151.1200	PH	FX1, MO	156.1250	AASHTO
151.1300	PH					
		151.1325	PH	FX1, MO	156.1375	AASHTO
151.1450	PO	151.1450	PH	FX1, MO	156.1500	AASHTO
		151.1575	PA	FX1, MO (TRK)	154.0900	APCO
151.1600	PO					
		151.1700	PO	FX1, MO	154.9875	FCCA
151.1750	PO					
		151.1825	PO	FX1, MO	155.0125	FCCA
151.1900	PO					
		151.1950	PO	FX1, MO	155.0250	FCCA
151.2050	PO					
		151.2075	PA	FX1, MO (TRK)	154.1900	APCO
151.2200	PO	151.2200	PO	FX1, MO	155.0375	FCCA
		151.2325	PO	FX1, MO	155.0500	FCCA
151.2350	PO					
		151.2450	PO	FX1, MO	155.0625	FCCA
151.2500	PO					
		151.2575	PA	FX1, MO (TRK)	154.2900	APCO
151.2650	PO					
		151.2700	PO	FX1, MO	155.0750	FCCA
151.2800	PO					
		151.2825	PO	FX1, MO	155.0875	FCCA
151.2950	PO	151.2950	PO	FX1, MO	155.1125	FCCA

EXISTING FREQUENCY ALIGNMENT	EXT. SVC.	12.5 KHz FREQUENCY ALIGNMENT	12.5 khZ SVC.	FINAL USAGE	PAIRED WITH	FREQ. COORD.
		151.3075	PA	FX1, MO (TRK)	154.3900	APCO
151.3100	PO					
		151.3200	PO	FX1, MO	155.1250	FCCA
151.3250	PO					
		151.3325	PO	FX1, MO	155.1375	FCCA
151.3400	PO					
		151.3450	PL	FX1, MO	153.7400	APCO
151.3550	PO					
		151.3575	PA	FX1, MO (TRK)	154.7000	APCO
151.3700	PO	151.3700	PL	FX1, MO	153.7525	APCO
		151.3825	PL	FX1, MO	153.7650	APCO
151.3850	PO					
		151.3950	PL	FX1, MO	153.7775	APCO
151.4000	PO					
		151.4075	PA	FX1, MO (TRK)	154.8000	APCO
151.4150	PO					
		151.4200	PL	FX1, MO	153.8025	APCO
151.4300	PO					
		151.4325	PL	FX1, MO	153.8150	APCO
151.4450	PO	151.4450	PL	FX1, MO	153.8275	APCO
		151.4575	PL	FX1, MO	153.8400	APCO
151.4600	PO					
		151.4700	PL	FX1, MO	153.8525	APCO
151.4750	PO					
		151.4825	PL	FX1, MO	153.8650	APCO

EXISTING FREQUENCY ALIGNMENT	EXT. SVC.	12.5 KHz FREQUENCY ALIGNMENT	12.5 khZ SVC.	FINAL USAGE	PAIRED WITH	FREQ. COORD.
		153.8400	PL	FB2	151.4575	APCO
153.8450	PL					
		153.8525	PL	FB2	151.4700	APCO
153.8600	PL					
		153.8650	PL	FB2	151.4825	APCO
153.8750	PL					
		153.8775	PL			APCO
153.8900	PF	153.8900	PA	FB2 (TRK)	151.0575	APCO
		153.9025	PL			APCO
153.9050	PL					
		153.9150	PL			APCO
153.9200	PL					
		153.9275	PL			APCO
153.9350	PL					
		153.9400	PL			APCO
153.9500	PF					
		153.9525	PL			APCO
153.9650	PL	153.9650	PL			APCO
		153.9775	PL			APCO
153.9800	PL					
		153.9900	PA	FB2 (TRK)	151.1075	APCO
153.9950	PL					
		154.0025	PL			APCO
154.0100	PF					
		154.0150	PL			APCO
154.0250	PL					
		154.0275	PL			APCO
154.0400	PL	154.0400	PL			APCO
		154.0525	PF			IMSA
154.0550	PL					
		154.0650	PF			IMSA
154.0700	PF					
		154.0775	PF			IMSA
154.0850	PL					
		154.0900	PA	FB2 (TRK)	151.1575	APCO
154.1000	PL					
		154.1025	PF			IMSA
154.1150	PL	154.1150	PF			IMSA
		154.1275	PF			IMSA
154.1300	PF					
		154.1400	PF			IMSA

EXISTING FREQUENCY ALIGNMENT	EXT. SVC.	12.5 KHz FREQUENCY ALIGNMENT	12.5 khZ SVC.	FINAL USAGE	PAIRED WITH	FREQ. COORD.
154.1450	PF					
		154.1525	PF			IMSA
154.1600	PF					
		154.1650	PF	FB2	159.3800	IMSA
154.1750	PF					
		154.1775	PF	FB2	159.4050	IMSA
154.1900	PF	154.1900	PA	FB2 (TRK)	151.2075	APCO
		154.2025	PF	FB2	159.4300	IMSA
154.2050	PF					
		154.2150	PF	FB2	159.4550	IMSA
154.2200	PF					
		154.2275	PH			AASHTO
154.2350	PF					
		154.2400	PH			AASHTO
154.2500	PF					
		154.2525	PH			AASHTO
154.2650	PF	154.2650	PH			AASHTO
		154.2775	PH			AASHTO
154.2800	PF					
		154.2900	PA	FB2 (TRK)	151.2575	APCO
154.2950	PF					
		154.3025	PH			AASHTO
154.3100	PF					
		154.3150	PH			AASHTO
154.3250	PF					
		154.3275	PH			AASHTO
154.3400	PF	154.3400	PH			AASHTO
		154.3525	PP			APCO
154.3550	PF					
		154.3650	PP			APCO
154.3700	PF					
		154.3775	PP			APCO
154.3850	PF					
		154.3900	PA	FB2 (TRK)	151.3075	APCO
154.4000	PF					
		154.4025	PP			APCO
		154.4150	PP			APCO
		154.4275	PP			APCO
		154.4000	PP			APCO

EXISTING FREQUENCY ALIGNMENT	EXT. SVC.	12.5 KHz FREQUENCY ALIGNMENT	12.5 khZ SVC.	FINAL USAGE	PAIRED WITH	FREQ. COORD.
154.4563	PL	154.4563	PA	TELEMETRY		APCO
154.4638	PL	154.4638	PA	TELEMETRY		APCO
154.4713	PL	154.4713	PA	TELEMETRY		APCO
154.4788	PL	154.4788	PA	TELEMETRY		APCO
154.6500	PP	154.6500	PP			APCO
		154.6625	PP			APCO
154.6650	PP					
		154.3750	PP			APCO
154.6800	PP					
		154.6875	PP			APCO
154.6950	PP					
		154.7000	PA	FB2 (TRK)	151.3575	APCO
154.7100	PP					
		154.7125	PP			APCO
154.7250	PP	154.7250	PP			APCO
		154.7375	PP			APCO
154.7400	PP					
		154.7500	PP			APCO
154.7550	PP					
		154.7625	PP			APCO
154.7700	PP					
		154.7750	PP			APCO
154.7850	PP					
		154.7875	PP			APCO
154.8000	PP	154.8000	PA	FB2 (TRK)	151.4075	APCO
		154.8125	PP			APCO
154.8150	PP					
		154.8250	PP			APCO
154.8300	PP					
		154.8375	PP			APCO
154.8450	PP					
		154.8500	PP			APCO
154.8600	PP					
		154.8625	PP			APCO
154.8750	PP	154.8750	PP			APCO
		154.8875	PP			APCO
154.8900	PP					
		154.9000	PA	FB2 (TRK)	158.7550	APCO
154.9050	PP					
		154.9125	PP			APCO
154.9200	PP					

EXISTING FREQUENCY ALIGNMENT	EXT. SVC.	12.5 KHz FREQUENCY ALIGNMENT	12.5 khZ SVC.	FINAL USAGE	PAIRED WITH	FREQ. COORD.
		154.9250	PP			APCO
154.9350	PP					
		154.9375	PP			APCO
154.9500	PP	154.9500	PP			APCO
		154.9625	PP			APCO
154.9650	PL					
		154.9750	PP			APCO
154.9800	PL					
		154.9875	PO	FB2	151.1700	APCO
154.9950	PL					
		155.0000	PA	FB2 (TRK)	158.8050	APCO
155.0100	PP					
		155.0125	PO	FB2	151.1825	APCO
155.0250	PL	155.0250	PO	FB2	151.1950	APCO
		155.0375	PO	FB2	151.2200	APCO
155.0400	PL					
		155.0500	PO	FB2	151.2325	APCO
155.0550	PL					
		155.0625	PO	FB2	151.2450	APCO
155.0700	PP					
		155.0750	PO	FB2	151.2700	APCO
155.0850	PL					
		155.0875	PO	FB2	151.2825	APCO
155.1000	PL	155.1000	PA	FB2 (TRK)	158.8550	APCO
		155.1125	PO	FB2	151.2950	APCO
155.1150	PL					
		155.1250	PO	FB2	151.3200	APCO
155.1300	PP					
		155.1375	PO	FB2	151.3325	APCO
155.1450	PL					
		155.1500	PS			IMSA
155.1600	PS					
		155.1625	PS			IMSA
155.1750	PS	155.1750	PS			IMSA
		155.1875	PS			IMSA
155.1900	PP					

EXISTING FREQUENCY ALIGNMENT	EXT. SVC.	12.5 KHz FREQUENCY ALIGNMENT	12.5 khZ SVC.	FINAL USAGE	PAIRED WITH	FREQ. COORD.
155.2350	PS					
		155.2375	PS			IMSA
155.2500	PP	155.2500	PS			IMSA
		155.2625	PS			IMSA
155.2650	PS					
		155.2750	PS			IMSA
155.2800	PS					
		155.2875	PS			IMSA
155.2950	PS					
		155.3000	PA	FB2 (TRK)	158.9550	APCO
155.3100	PP					
		155.3125	PS			IMSA
155.3250	PS					
		155.3250	PS			IMSA
155.3400	PS					
		155.3375	PH			APCO
155.3550	PS	155.3500	PH			APCO
		155.3625	PH			APCO
155.3700	PP					
		155.3750	PH			APCO
155.3850	PS					
		155.3875	PF	FB2	159.0175	IMSA
155.4000	PS	155.4000	PA	FB2 (TRK)	159.0050	APCO
		155.4125	PF	FB2	159.0300	IMSA
155.4150	PP					
		155.4250	PF	FB2	159.0425	IMSA
155.4300	PP					
		155.4375	PF	FB2	159.0675	IMSA
155.4450	PP					
		155.4500	PF	FB2	159.0800	IMSA
155.4600	PP					
		155.4625	PF	FB2	159.0925	IMSA
155.4750	PP	155.4750	PP	MUTUAL AID		APCO
		155.4875	PP	FB2	159.1175	APCO
155.4900	PP					
		155.5000	PA	FB2 (TRK)	159.0550	APCO
155.5050	PP					
		155.5125	PP	FB2	159.1300	APCO
155.5200	PP					
		155.5250	PP	FB2	159.1425	APCO
155.5350	PP					

EXISTING FREQUENCY ALIGNMENT	EXT. SVC.	12.5 KHz FREQUENCY ALIGNMENT	12.5 khZ SVC.	FINAL USAGE	PAIRED WITH	FREQ. COORD.
		155.5375	PP	FB2	158.9300	APCO
155.5500	PP	155.5500	PP	FB2	158.9425	APCO
		155.5625	PP	FB2	158.9675	APCO
155.5650	PP					
		155.5750	PP	FB2	158.9800	APCO
155.5800	PP					
		155.5875	PP	FB2	158.9925	APCO
155.5950	PP					
		155.6000	PA	FB2 (TRK)	159.1050	APCO
155.6100	PP					
		155.6125	PP	FB2	159.1675	APCO
155.6250	PP	155.6250	PP	FB2	159.1800	APCO
		155.6375	PP	FB2	159.1925	APCO
155.6400	PP					
		155.6500	PP	FB2	159.2175	APCO
155.6550	PP					
		155.6625	PP	FB2	159.2300	APCO
155.6700	PP					
		155.6750	PO	FB2	159.2425	FCCA
155.6850	PP					
		155.6875	PO	FB2	159.2675	FCCA
155.7000	PP	155.7000	PA	FB2 (TRK)	159.1550	APCO
		155.7125	PO	FB2	159.2800	FCCA
155.7150	PL					
		155.7250	PO	FB2	159.2925	FCCA
155.7300	PP					
		155.7375	PO	FB2	158.7300	FCCA
155.7450	PL					
		155.7500	PL	FB2	158.7425	APCO
155.7600	PL					
		155.7625	PL	FB2	158.7675	APCO
155.7750	PL	155.7750	PL	FB2	158.7800	APCO
		155.7875	PL	FB2	158.7925	APCO
155.7900	PP					
		155.8000	PA	FB2 (TRK)	159.2050	APCO
155.8050	PL					
		155.8125	PL	FB2	158.8175	APCO
155.8200	PL					
		155.8250	PL	FB2	158.8300	APCO
155.8350	PL					
		155.8375	PL	FB2	158.8425	APCO

EXISTING FREQUENCY ALIGNMENT	EXT. SVC.	12.5 KHz FREQUENCY ALIGNMENT	12.5 khZ SVC.	FINAL USAGE	PAIRED WITH	FREQ. COORD.
155.8500	PP	155.8500	PL	FB2	158.8675	APCO
		155.8625	PL	FB2	158.8800	APCO
155.8650	PL					
		155.8750	PL	FB2	158.8925	APCO
155.8800	PL					
		155.8875	PL	FB2	158.9175	APCO
155.8950	PL					
		155.9000	PA	FB2 (TRK)	159.2550	APCO
155.9100	PP					
		155.9125	PL			APCO
155.9250	PL	155.9250	PL			APCO
		155.9375	PL			APCO
155.9400	PL					
		155.9500	PL			APCO
155.9550	PL					
		155.9625	PP			APCO
155.9700	PP					
		155.9750	PP			APCO
155.9850	PL					
		155.9875	PP			APCO
156.0000	PL	156.0000	PP			APCO
		156.0125	PP			APCO
156.0150	PL					
		156.0250	PP			APCO
156.0300	PP					
		156.0375	PH	FB2	150.9950	AASHTO
156.0450	PH					
		156.0500	PH	FB2	151.0200	AASHTO
156.0600	PH					
		156.0625	PH	FB2	151.0325	AASHTO
156.0750	PH	156.0750	PH	FB2	151.0450	AASHTO
		156.0875	PH	FB2	151.0700	AASHTO
156.0900	PP					
		156.1000	PH	FB2	151.0825	AASHTO
156.1050	PH					
		156.1125	PH	FB2	151.0950	AASHTO

EXISTING FREQUENCY ALIGNMENT	EXT. SVC.	12.5 KHz FREQUENCY ALIGNMENT	12.5 khZ SVC.	FINAL USAGE	PAIRED WITH	FREQ. COORD.
156.1500	PP	156.1500	PH	FB2	151.1450	AASHTO
		156.1625	PH	FBM		AASHTO
156.1650	PH					
		156.1750	PH	FBM		AASHTO
156.1800	PH					
		156.1875	PO	FB2	159.3050	FCCA
156.1950	PH					
		156.2000	PO	FB2	159.3175	FCCA
156.2100	PH					
		156.2125	PO	FB2	159.3300	FCCA
156.2250	PH	156.2250	PO	FB2	159.3425	FCCA
		156.2375	PO	FB2	159.3550	FCCA
156.2400	PH					
158.7300	PP	158.7300	PO	FX1, MO	155.7375	FCCA
		158.7425	PL	FX1, MO	155.7500	APCO
158.7450	PL					
		158.7550	PA	FX1, MO (TRK)	154.9000	APCO
158.7600	PL					
		158.7675	PL	FX1, MO	155.7625	APCO
158.7750	PL					
		158.7800	PL	FX1, MO	155.7750	APCO
158.7900	PP					
		158.7925	PL	FX1, MO	155.7875	APCO
158.8050	PL	158.8050	PA	FX1, MO (TRK)	155.0000	APCO
		158.8175	PL	FX1, MO	155.8125	APCO
158.8200	PL					
		158.8300	PL	FX1, MO	155.8250	APCO
158.8350	PL					
		158.8425	PL	FX1, MO	155.8375	APCO
158.8500	PP					
		158.8550	PA	FX1, MO (TRK)	155.1000	APCO
158.8650	PL					
		158.8675	PL	FX1, MO	155.8500	APCO
158.8800	PL	158.8800	PL	FX1, MO	155.8625	APCO
		158.8925	PL	FX1, MO	155.8750	APCO
158.8950	PL					
		158.9050	PA	FX1, MO (TRK)	155.2000	APCO
158.9100	PP					
		158.9175	PL	FX1, MO	155.8875	APCO
158.9250	PL					
		158.9300	PP	FX1, MO	155.5375	APCO