Statewide Interoperability Executive Committee (SIEC)

Arizona Interoperable Channels Plan

W. Scott Tillman

Wireless Systems Engineer, DPS Wireless Systems Bureau

SIEC Workgroup Member

Government Information Technology Agency

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Outline

- Recent Workgroup Activities
- Priority Programming Guides
  - Review and possible approval
  - If approved, impact on AIRS SOP – review and possible approval
- Next Steps to Complete the Plan

Recent Workgroup Activities

- Last update to the SIEC – August 17th Meeting
- Sept - Distributed a draft of the Priority Programming Guides to the Channel Plan and the COML Working Groups
- Met on October 1st to review and refine the Priority Programming Guides
- Distributed an updated draft to the Channel Plan and COML Working Groups and integrated feedback
- Distributed the updated draft of the Guides to the SIEC and all member of the Technical and Operational Working Groups on October 13th

Priority Programming Guides

VHF programming Guide – Review and Discussion

	CURRENT NAME	BAND-WIDTH	TX FREQ MHz	TX CTCSS Hz	RX FREQ MHz	RX CTCSS Hz	NPSTC NAME[1]	OLD-SIEC NAME
1	AIRS1	12.5 kHz	155.1900	141.3	155.4750	CSQ		AIRS1
2	AIRS2	12.5 kHz	155.1900	131.8	155.4750	CSQ		AIRS2
3	AIRS3	12.5 kHz	155.1900	110.9	155.4750	CSQ		AIRS3
4	AIRS4	12.5 kHz	155.1900	123.0	155.4750	CSQ		AIRS4
5	AIRS5	12.5 kHz	155.1900	167.9	155.4750	CSQ		AIRS5
6	AIRSAZ	12.5 kHz	155.1900	156.7	155.4750	CSQ		AIRSAZ
7	VLAW31	12.5 kHz	155.4750	156.7	155.4750	CSQ	VLAW31	VAIRS_D
8	VFIRE21	12.5 kHz	154.2800	156.7	154.2800	CSQ	VFIRE21	
9	County Mutual Aid							
10	VCALL10	12.5 kHz	155.7525	156.7	155.7525	CSQ	VCALL10	VCALL
11	VTAC11	12.5 kHz	151.1375	156.7	151.1375	CSQ	VTAC11	VTAC1
12	VTAC12	12.5 kHz	154.4525	156.7	154.4525	CSQ	VTAC12	VTAC2
13	VTAC13	12.5 kHz	158.7375	156.7	158.7375	CSQ	VTAC13	VTAC3
14	VTAC14	12.5 kHz	159.4725	156.7	159.4725	CSQ	VTAC14	VTAC4
15	VHF PSMA1[2]							
16	VHF PSMA2[2]							

<< The National naming convention is kept

[1] National Public Safety Telecommunications Council ANSII nomenclature standard also consistent with NIFOG and NECP Goal I, II & III. Public safety professionals nationwide are adopting these naming conventions.

[2] PSMA = Public Safety Mutual Aid (see p.35 of the NIFOG)

* Program in mixed mode receive, where possible

UHF Programming Guide – Review and Discussion

	CURRENT NAME	BAND-WIDTH	TX FREQ MHz	TX CTCSS Hz	RX FREQ MHz	RX CTCSS Hz	NPSTC[1] NAME	OLD-SIEC NAME		
1	AIRS1	12.5 kHz[2]	465.3750	141.3	460.3750	CSQ		AIRS1		
2	AIRS2	12.5 kHz	465.3750	131.8	460.3750	CSQ		AIRS2		
3	AIRS3	12.5 kHz	465.3750	110.9	460.3750	CSQ		AIRS3		
4	AIRS4	12.5 kHz	465.3750	123.0	460.3750	CSQ		AIRS4		
5	AIRS5	12.5 kHz	465.3750	167.9	460.3750	CSQ		AIRS5		
6	AIRSAZ	12.5 kHz	465.3750	100.0	460.3750	CSQ		AIRSAZ		
7	UAIRS_D	12.5 kHz	460.3750	100.0	460.3750	CSQ		UAIRS_D	<< no National equivalent so	
8	UCALL40	12.5 kHz	458.2125	156.7	453.2125	CSQ	UCALL40	UCALL	<	UAIRS_D is kept
9	UCALL40D	12.5 kHz	453.2125	156.7	453.2125	CSQ	UCALL40D	UCALL_D	<	
10	UTAC41	12.5 kHz	458.4625	156.7	453.4625	CSQ	UTAC41	UTAC1	<	
11	UTAC41D	12.5 kHz	453.4625	156.7	453.4625	CSQ	UTAC41D	UTAC1_D	<	The National naming
12	UTAC42	12.5 kHz	458.7125	156.7	453.7125	CSQ	UTAC42	UTAC2	<	convention is kept
13	UTAC42D	12.5 kHz	453.7125	156.7	453.7125	CSQ	UTAC42D	UTAC2_D	<	
14	UTAC43	12.5 kHz	458.8625	156.7	453.8625	CSQ	UTAC43	UTAC3	<	
15	UTAC43D	12.5 kHz	453.8625	156.7	453.8625	CSQ	UTAC43D	UTAC3_D	<	
16	County Mutual Aid									

[1] National Public Safety Telecommunications Council ANSII nomenclature standard also consistent with NIFOG and NECP Goal I, II & III. Public safety professionals nationwide are adopting these naming conventions.

[2] 12.5kHz => Narrowband

* Program in mixed mode receive, where possible

700 MHz Programming Guide – Review and Discussion

ZONE 3						
	NAME	**BAND-WIDTH**	**TX FREQ MHz**	**TX NAC**	**RX FREQ MHz**	**RX NAC**
1	7CALL50	12.5 kHz	799.24375	659 or $293	769.24375	3966 or $F7E
2	7CALL50D		SIMPLEX	659 or $293		3966 or $F7E
3	7MED65	12.5 kHz	799.39375	659 or $293	769.39375	3966 or $F7E
4	7MED65D		SIMPLEX	659 or $293		3966 or $F7E
5	7TAC55	12.5 kHz	799.74375	659 or $293	769.74375	3966 or $F7E
6	7TAC55D		SIMPLEX	659 or $293		3966 or $F7E
7	7FIRE63	12.5 kHz	799.89375	659 or $293	769.89375	3966 or $F7E
8	7FIRE63D		SIMPLEX	659 or $293		3966 or $F7E
9	7TAC56	12.5 kHz	800.24375	659 or $293	770.24375	3966 or $F7E
10	7TAC56D		SIMPLEX	659 or $293		3966 or $F7E
11	7LAW61	12.5 kHz	800.39375	659 or $293	770.39375	3966 or $F7E
12	7LAW61D		SIMPLEX	659 or $293		3966 or $F7E
13	7GTAC57	12.5 kHz	800.99375	659 or $293	770.99375	3966 or $F7E
14	7GTAC57D		SIMPLEX	659 or $293		3966 or $F7E
15	7CALL70	12.5 kHz	803.25625	659 or $293	773.25625	3966 or $F7E
16	7CALL70D		SIMPLEX	659 or $293		3966 or $F7E

* Program in mixed mode receive, where possible

Priority Programming Guides

800 MHz Programming Guide – Review and Discussion

ZONE 1						
	NAME	BAND-WIDTH	TX FREQ MHz	TX CTCSS Hz	RX FREQ MHz	RX CTCSS Hz
1	AIRS1	20 kHz	821.0125	141.3	866.0125	CSQ
2	AIRS2	20 kHz	821.0125	131.8	866.0125	CSQ
3	AIRS3	20 kHz	821.0125	110.9	866.0125	CSQ
4	AIRS4	20 kHz	821.0125	123.0	866.0125	CSQ
5	AIRS5	20 kHz	821.0125	167.9	866.0125	CSQ
6	AIRSAZ	20 kHz	821.0125	156.7	866.0125	CSQ
7	8TAC91	20 kHz	821.5125	156.7	866.5125	CSQ
8	8TAC91D		SIMPLEX	156.7	866.5125	CSQ
9	8TAC92	20 kHz	822.0125	156.7	867.0125	CSQ
10	8TAC92D		SIMPLEX	156.7	867.0125	CSQ
11	8TAC93	20 kHz	822.5125	156.7	867.5125	CSQ
12	8TAC93D		SIMPLEX	156.7	867.5125	CSQ
13	8TAC94	20 kHz	823.0125	156.7	868.0125	CSQ
14	8TAC94D		SIMPLEX	156.7	868.0125	CSQ
15	8TAC95	20 kHz	821.0375	156.7	866.0375	CSQ
16	8TAC95D		SIMPLEX	156.7	866.0375	CSQ

ZONE 2						
	NAME	BAND-WIDTH	TX FREQ MHz	TX CTCSS Hz	RX FREQ MHz	RX CTCSS Hz
1	8CALL90	20 kHz	821.0125	156.7	866.0125	CSQ
2	8CALL90D		SIMPLEX	156.7	866.0125	CSQ
3	8TAC91	20 kHz	821.5125	156.7	866.5125	CSQ
4	8TAC91D		SIMPLEX	156.7	866.5125	CSQ
5	8TAC92	20 kHz	822.0125	156.7	867.0125	CSQ
6	8TAC92D		SIMPLEX	156.7	867.0125	CSQ
7	8TAC93	20 kHz	822.5125	156.7	867.5125	CSQ
8	8TAC93D		SIMPLEX	156.7	867.5125	CSQ
9	8TAC94	20 kHz	823.0125	156.7	868.0125	CSQ
10	8TAC94D		SIMPLEX	156.7	868.0125	CSQ
11						
12						
13						
14						
15						
16						

* Program in mixed mode receive, where possible

Action

Programming Guides Approval?

Discussion and Possible Action

Additional Action

If the Guides are Approved

– Action required to update the AIRS SOP dated 12/01/09

1) Update Section 2.1.3 Page 3 changing "(AIRSAZ, followed by AIRS1, AIRS2, AIRS3, AIRS4, and AIRS5) to (AIRS1, AIRS2, AIRS3, AIRS4 and AIRS5 followed by AIRSAZ)

2) Update Tables 1, 2 and 3 to reorder the AIRS Channels from AIRSAZ, AIRS1, AIRS2, AIRS3, AIRS4, and AIRS5 to AIRS1, AIRS2, AIRS3, AIRS4, AIRS5 and AIRSAZ)

Next Steps to Complete the Plan

- Inclusion of the Priority Programming Guides pending approval
- Recommendations about 700 MHz trunked radio system usage
- Recommendations for deployable independent radio systems (minimum equipment standards)
- Address any other areas on which we receive comment
- The updated Plan will be distributed in advance and presented to SIEC at its January 2010 meeting for approval

Government Information Technology Agency

Additional Discussion?

To support this effort please contact:

Michael Britt

PSIC Project Manager

mbritt@azgita.gov

(602) 300-2633