



TRWC Board of Directors Meeting

November 3, 2008, 10 am to 12 pm

Town of Gilbert – Room 233

50 E. Civic Center Drive

Gilbert, AZ 85296

Persons Present: Chuck Zanella (AJ Fire District-Primary), Kathy Jeter (City of AJ-Primary), John Kross (Town of Queen Creek-Primary), Alex Deshuk (City of Mesa-Primary), Dale Shaw (Interim TRWC Executive Director), Shawn Woolley (Town of Gilbert-Alternate) Bill Anger (TRWC Attorney)

Guests: Gary Bradbury (Mesa Fire), Denny Fulton (Mesa)

Minutes

Welcome & Introductions

Gary Bradbury of Mesa Fire welcomed the new TRWC board members and gave a short presentation (*Attachment A*) on the history of the TRWC. The group then went around the room with introductions.

Adopt Rules of Conduct: Roberts Rules of Order

Dale Shaw, Interim Executive Director, presented Roberts Rules of Order In Brief as a guide to follow during the meetings. The motion was made by Chuck Zanella that Roberts Rules of Order in Brief be adopted as such. The motion was adopted by a vote of 5 - 0.

Elect Chairman and Vice Chairman, Confirm Executive Director

John Kross was nominated for Chairman of the TRWC Board of Directors by Alex Deshuk; seconded by Chuck Zanella; by unanimous vote, John Kross was elected Chairman of the TRWC Board of Directors. John Kross nominated George Pettit for Vice Chairman of the TRWC Board of Directors; seconded by Chuck Zanella; by unanimous vote, George Pettit was elected Vice Chairman of the TRWC Board of Directors. Alex Deshuk indicated that the City of Mesa was appointing Dale Shaw as Executive Director, which appointment is subject to the approval of the TRWC Board of Directors. Chuck Zanella moved that the appointment of Dale Shaw as Executive Director of the TRWC be approved by the Board; John Kross seconded the motion, by a vote of 5 – 0. Dale Shaw was confirmed as Executive Director.

Act on Remaining 08/09 Fiscal Plan

Consider the proposed Remaining 08/09 Fiscal Plan. Denny Fulton, Mesa, gave a presentation (*Attachment B*) on the Fiscal Plan. Denny requested that the board members send him an accounting contact name in order to get the LGIP account set up. John Kross motioned to accept the fiscal plan, Chuck Zanella seconded the motion. The motion was passed by a 5 – 0 vote.

Meeting Summary and Next Meeting

The Board discussed holding TRWC Board meetings no less frequently as the first Monday of each quarter at the same Gilbert location and time. The Executive Director recommended that initially TRWC Board Meetings be held monthly. Dale Shaw, Executive Director, will work with Chairman Kross on the next agenda.

Dale Shaw shared that the agenda items for next meeting may include:

1. Phoenix Separation;
2. Policies & Procedures;
3. 09/10 budget; and
4. Alex Deshuk suggested that the Executive Director provide information on planned capital improvements.

The meeting adjourned at 11:00 a.m.

A handwritten signature in black ink, appearing to read 'Dale Shaw', written over a horizontal line.

Dale Shaw, TRWC Board Executive Director



TRWC Communications System



Governance Overview

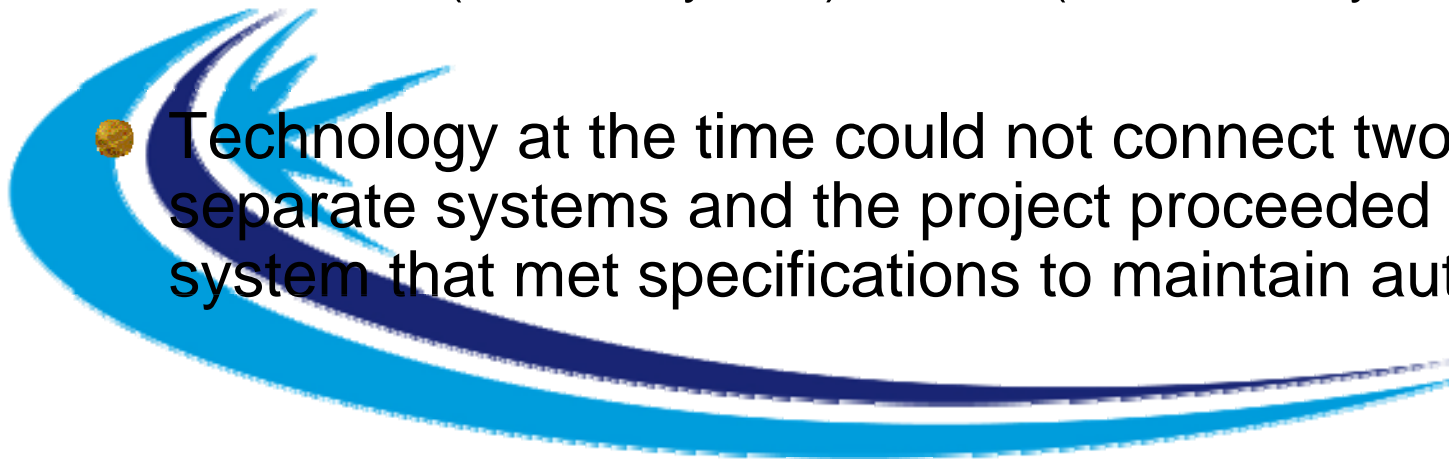
Introduction

- TRWC History
- TRWC Governance
 - Organizational Structure
 - Administration
 - Supporting Documents
- TRWC Committee Structure
- Optional Services
- Q & A



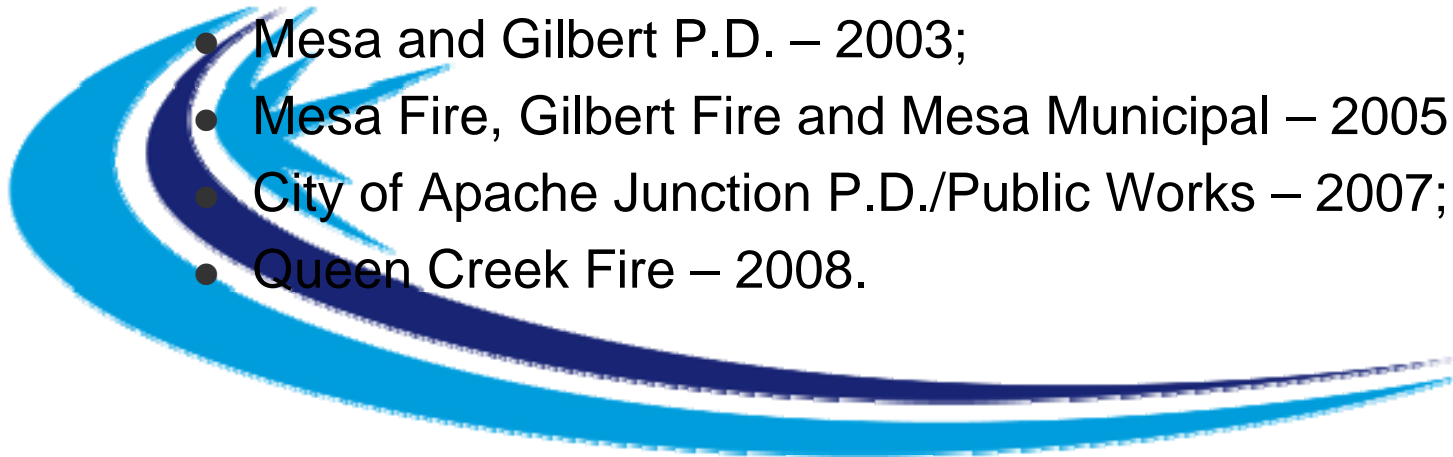
TRWC History

- In the 1990's the Cities of Mesa and Phoenix formed a partnership to replace their existing VHF/UHF systems.
- A joint RFP was developed that specified two separate radio systems that would operate as one.
 - TOPAZ (Mesa's System), PRWN (Phoenix's System).
- Technology at the time could not connect two separate systems and the project proceeded as one system that met specifications to maintain autonomy.



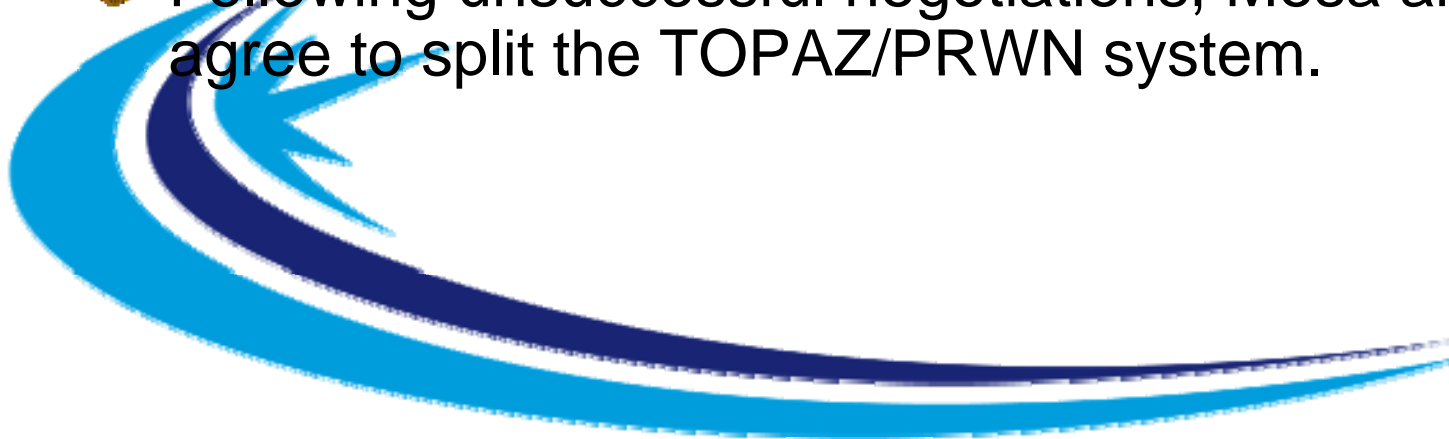
TRWC History

- Construction of the 800MHz system began in 2000.
- Mesa and Phoenix develop an IGA for the operation of the radio system in 2003.
- TOPAZ partners began transition:
 - Apache Junction Fire District – 2002;
 - Mesa and Gilbert P.D. – 2003;
 - Mesa Fire, Gilbert Fire and Mesa Municipal – 2005;
 - City of Apache Junction P.D./Public Works – 2007;
 - Queen Creek Fire – 2008.



TRWC History

- TOPAZ/PRWN initiate development of a governance process in 2005 to direct the future growth and management of the radio system.
- PRWN does not support the level of accountability or autonomy that TOPAZ requires.
- Following unsuccessful negotiations, Mesa and Phoenix agree to split the TOPAZ/PRWN system.

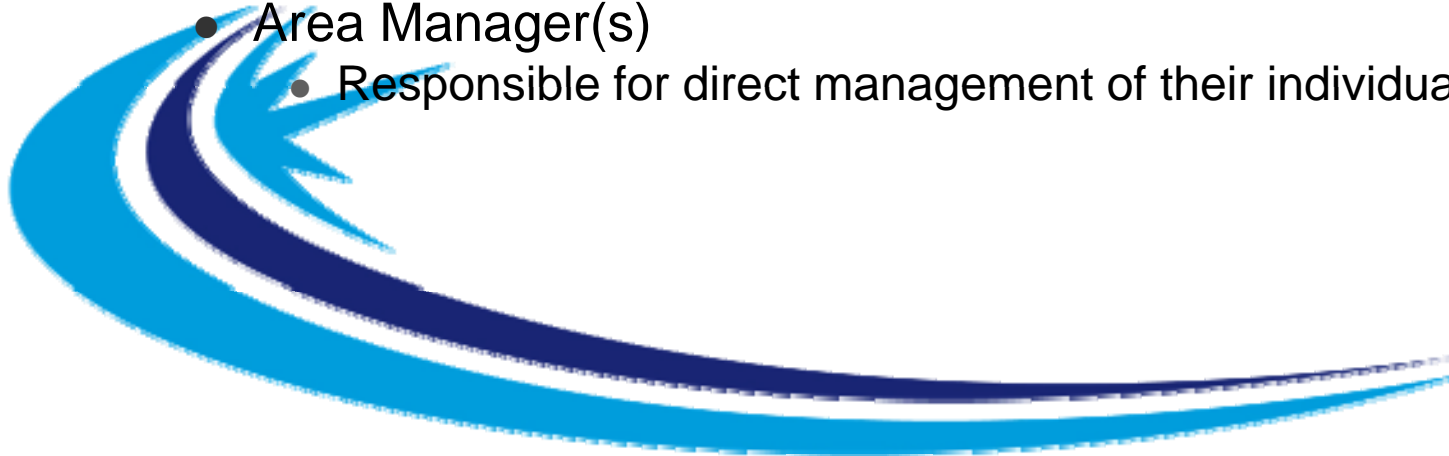


TRWC Governance

Organizational Structure

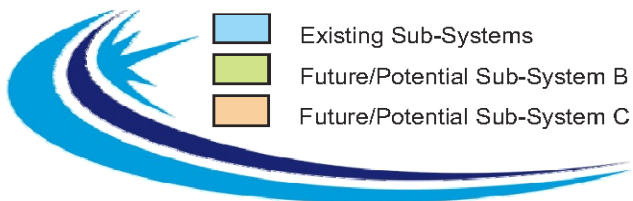
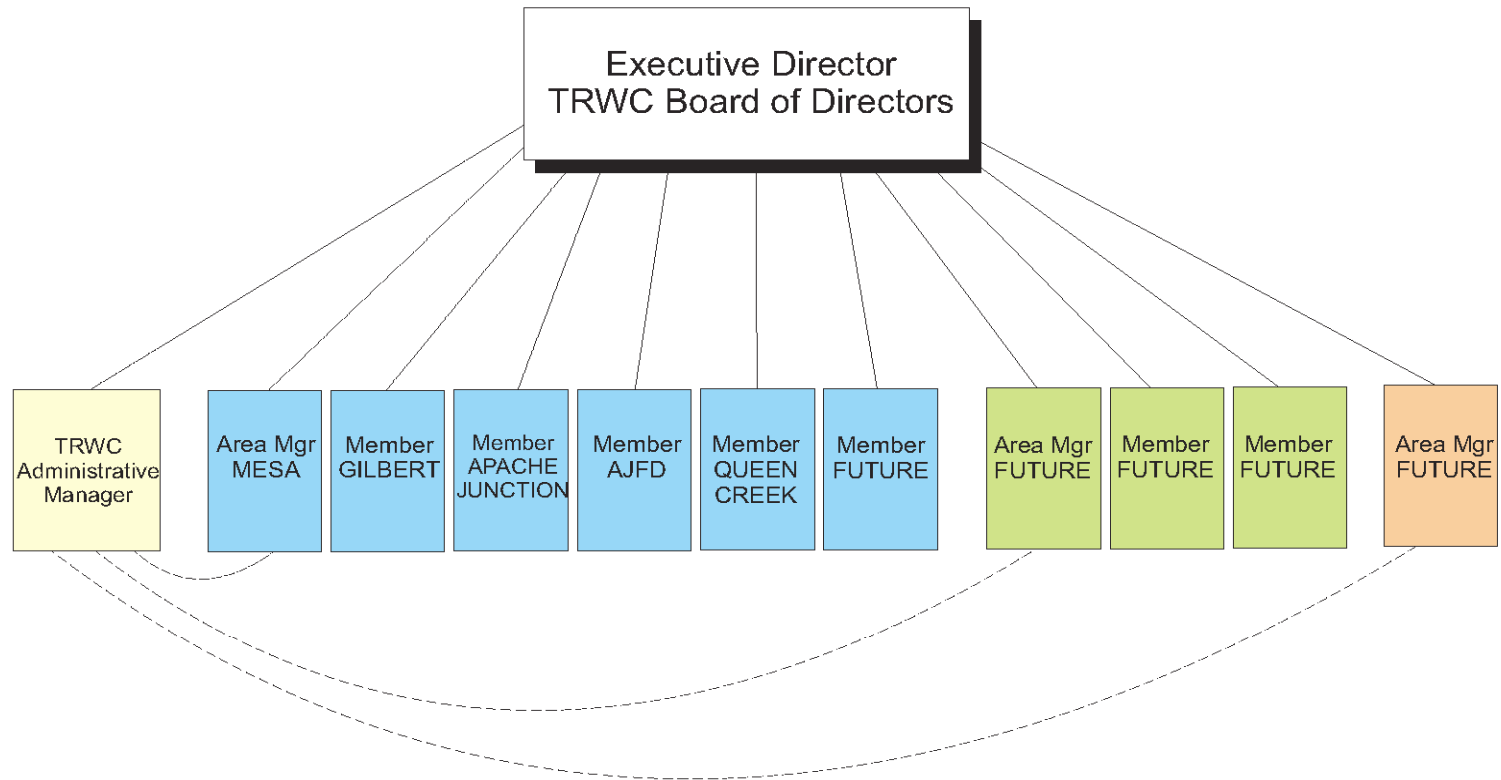
● Leadership

- Board of Directors
- Administrative Manager
 - Overall management of central infrastructure and Network system-wide issues at the direction of the Board of Directors.
- Executive Director
 - Coordinate system-wide activities.
- Area Manager(s)
 - Responsible for direct management of their individual area(s).



TRWC Governance

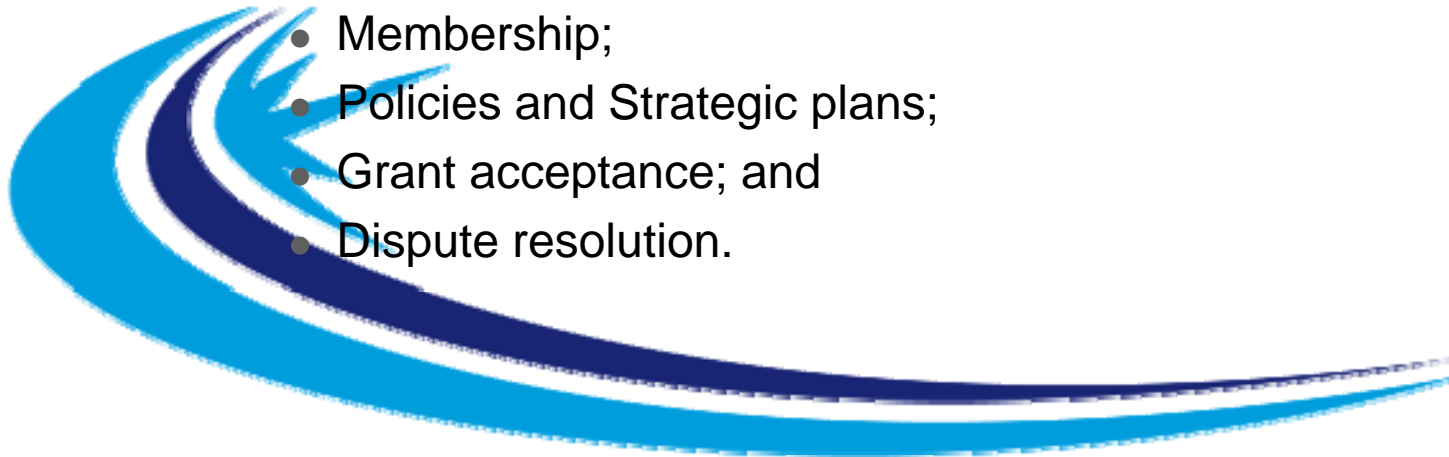
Organizational Structure



TRWC Governance

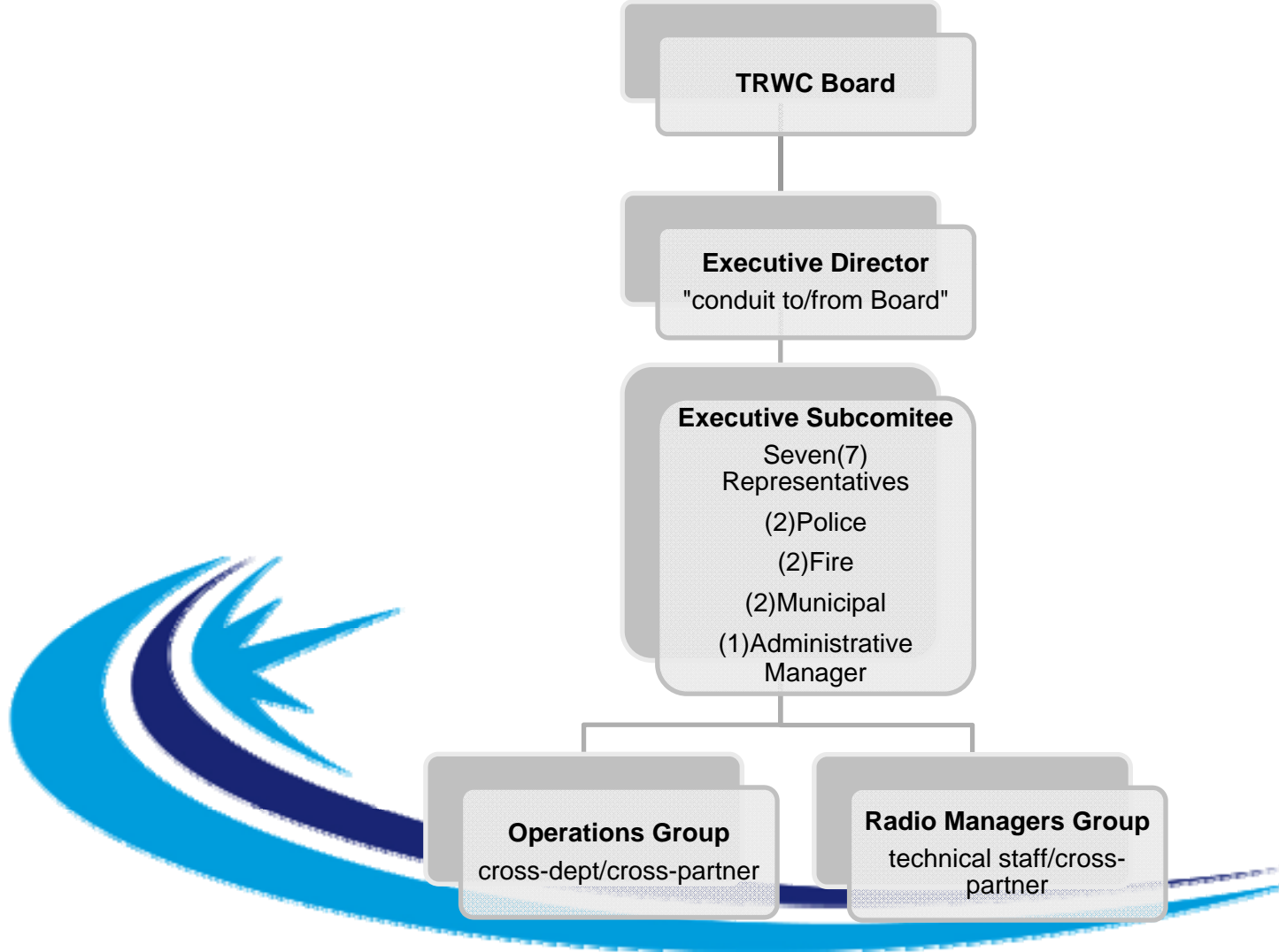
Administration

- Board of Directors Voting
 - All matters decided by numerical vote.
 - Weighted voting may be called by any member.
 - Voting topics can include:
 - Expenditure approval and Annual budget;
 - Membership;
 - Policies and Strategic plans;
 - Grant acceptance; and
 - Dispute resolution.



TRWC Governance

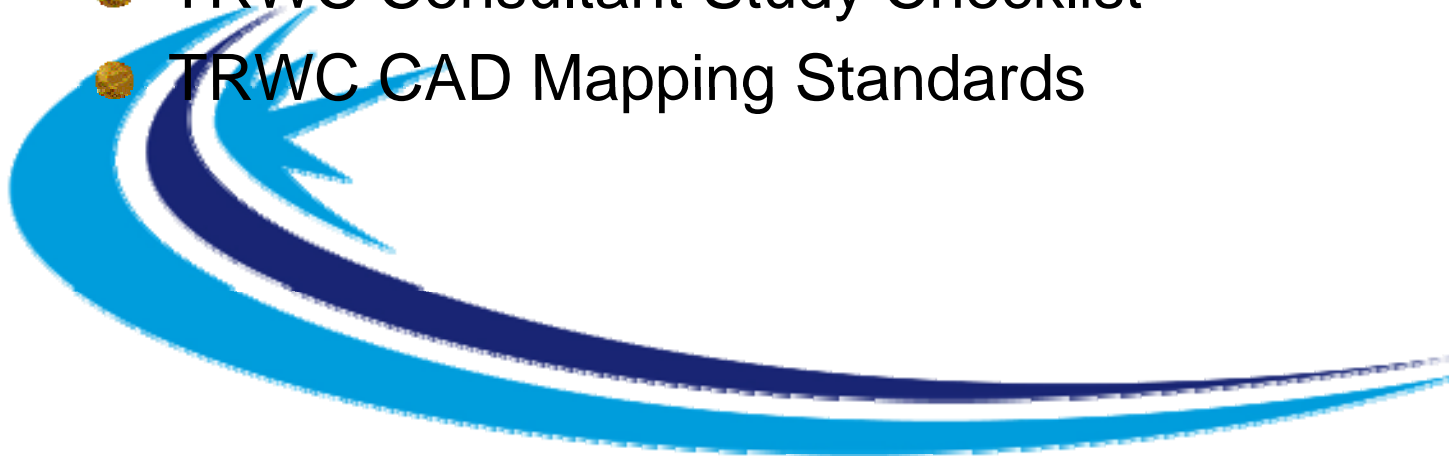
TRWC Committee Structure



TRWC Governance

Supporting Documents

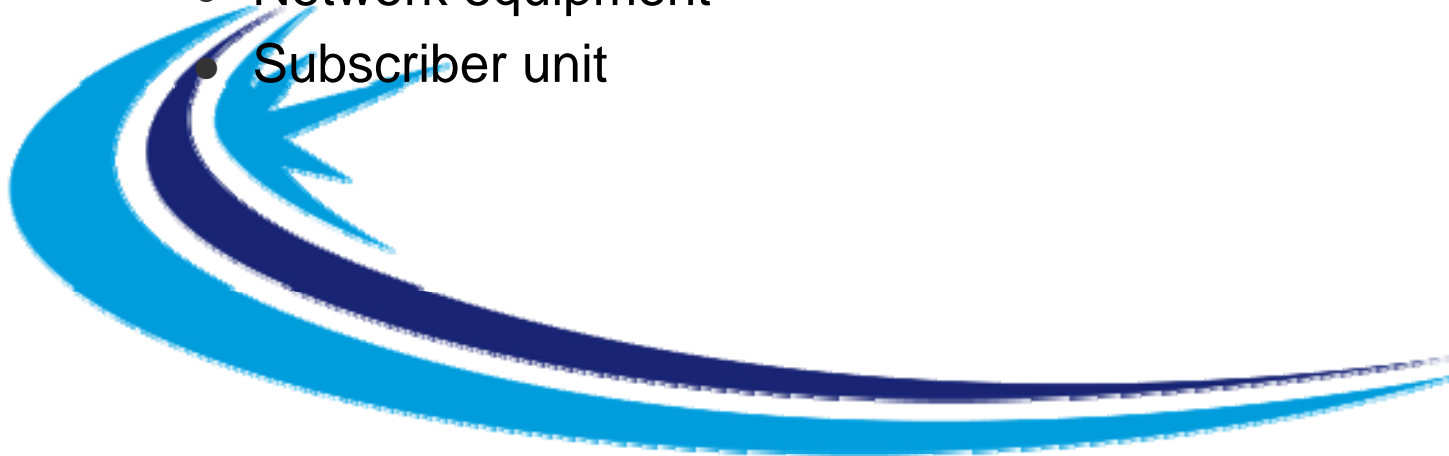
- TRWC Intergovernmental Agreement
- TRWC Coverage/Capacity Agreement
- TRWC Coverage/Capacity Checklist
- TRWC Consultant Study Checklist
- TRWC CAD Mapping Standards



Optional Services

Mesa Communications may perform additional services through separate contract agreement.

- Dispatch Services
- Maintenance Services
 - Network equipment
 - Subscriber unit

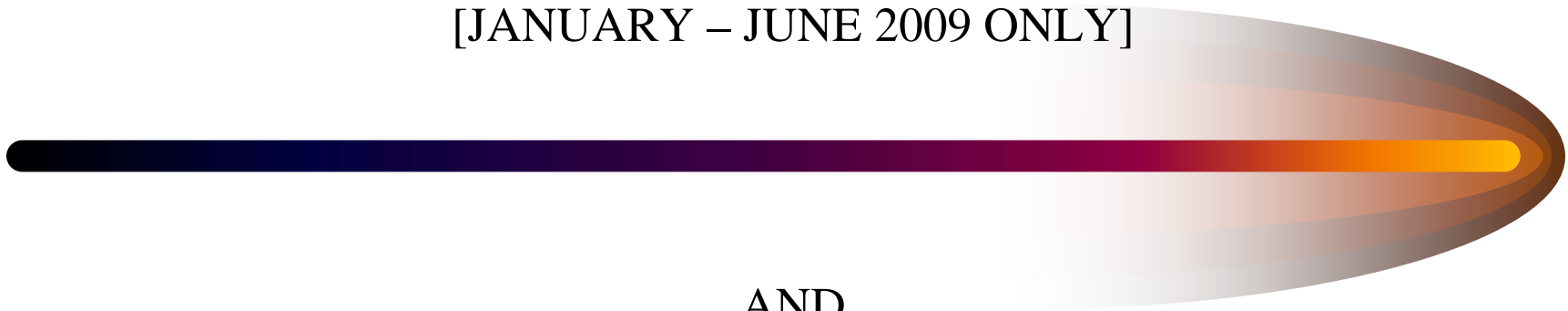


Discussion / Questions



TOPAZ ACCOUNTING/BUDGET REVIEW

FISCAL YEAR 2008 – 2009
[JANUARY – JUNE 2009 ONLY]



AND

FIVE (5) YEAR BUDGET
THRU FISCAL YEAR 2012/2013

NOVEMBER 3, 2008

TOPAZ ACCOUNTING/BUDGET REVIEW

COST CATAGORIES



- 1. Subscriber Unit Fees** – Network fees include administration, operation & maintenance for the Network. Fees include communications data group, Motorola post warranty services, infrastructure & microwave support costs, site leases, executive director costs and depreciation.
- 2. Capital Unit Fees** --- System upgrades, installation, hardware and software costs based on estimate from Motorola’s 5 year upgrade assistance plan.
- 3. Special Assessment Fees** --- BOD assessed fees on an as needed basis covering: a. disaster recovery; b. costs of special projects that don’t benefit all Members; c. additional subscriber units and talk groups, etc. No Special Assessment Fees budgeted FY 08-09.
- 4. Grant Fees** ---- Grant funding related towards a network wide project based on BOD approval. No Grant Fees budgeted FY 08-09.

TOPAZ ACCOUNTING /BUDGET REVIEW

SUBSCRIBER UNITS



		<u>FY08-09</u>	<u>FY09-10</u>	<u>FY10-11</u>	<u>FY11-12</u>	<u>FY12-13</u>
1.	MESA	2,820	2,961	3,109	3,265	3,428
2.	GILBERT	722	758	796	836	878
3.	AJFD	71	75	78	82	86
4.	APACHE JUNCTION	157	165	173	182	191
5.	QUEEN CREEK	7	7	8	8	9
6.	TOTAL	3,777	3,966	4,164	4,372	4,591
7.	PERCENTAGES					
1.	MESA	75%	75%	75%	75%	75%
2.	GILBERT	19%	19%	19%	19%	19%
3.	AJFD	2%	2%	2%	2%	2%
4.	CAJ	4%	4%	4%	4%	4%
5.	TQC	1%	1%	1%	1%	1%
6.	TOTAL	100%	100%	100%	100%	100%

***TOPAZ ACCOUNTING/BUDGET REVIEW
 FIVE (5) YEAR COST PROJECTIONS (000's)
 SUBSCRIBER UNIT OPERATING & MAINTENANCE FEES***



		<u>FY08-09</u>	<u>FY09-10</u>	<u>FY10-11</u>	<u>FY11-12</u>	<u>FY12-13</u>
1.	Network Operations	\$ 300	\$ 623	\$ 644	\$ 666	\$ 688
2.	Infrastruc & Microwave	\$ 215	\$ 451	\$ 469	\$ 488	\$ 508
3.	Administrative Support	\$ 179	\$ 377	\$ 394	\$ 413	\$432
4.	Executive Director Costs	\$ 39	\$ 82	\$ 86	\$ 90	\$ 94
5.	Network Depreciation		\$ 32	\$ 65	\$ 98	\$ 130
6.	Total O&M Fees	\$ 733	\$1,565	\$1,658	\$1,755	\$1,852
7.	Per Subscriber Unit	\$ 32	\$ 33	\$ 33	\$ 33	\$ 34

TOPAZ ACCOUNTING/BUDGET REVIEW

FIVE (5) YEAR COST PROJECTIONS (000's)

CAPITAL IMPROVEMENT COSTS



	<u>FY08-09</u>	<u>FY09-10</u>	<u>FY10-11</u>	<u>FY11-12</u>	<u>FY12-13</u>
1. Systems Upgrades, Installation, Hardware And Software	\$ 0**	\$650	\$650	\$650	\$650
2. Per Subscriber Unit	\$	\$ 14	\$ 13	\$ 12	\$ 12

3. **NOTE: ** No specific capital projects have been identified. Budget based on estimate based on Motorola's 5 year upgrade assistance plan. Capital costs deferred until TOPAZ BOD's approve budget. Capital costs for FY 2009/10 may include a "catch up" provision of FY 2008/09 capital costs.**

4. **Specific TOPAZ capital projects authorized by BOD and Executive Director.**

*TOPAZ ACCOUNTING/BUDGET REVIEW
FIVE (5) YEAR COST PROJECTIONS (000's)*



1. **Special Assessment Fees** -- Based on Member needs. None budgeted.

2. **Grant Fees** -- Based on specific Grant filing. None budgeted.

*TOPAZ ACCOUNTING/BUDGET REVIEW
 FIVE (5) YEAR COST PROJECTIONS (000's)
 Monthly and Annual Operating Costs*



	FY 08-09	FY 09-10	FY 10-11	FY 11-12	FY 12-13
MESA	\$91/ Mo \$546/Jan-Jun	\$97/ Mo \$1,162/Year	\$103/ Mo \$1,232/Year	\$109/ Mo \$1,304/Year	\$115/Mo \$1,376/Year
Gilbert & Queen Creek	\$23/Mo \$138/Jan-Jun	\$25/Mo \$298/Year	\$26/Mo \$315/Year	\$28/Mo \$334/Year	\$29/Mo \$352/Year
AJ Fire District	\$2/Mo \$24/Jan-Jun	\$2/Mo \$29/Year	\$3/Mo \$30/Year	\$3/Mo \$32/Year	\$3/Mo \$34/Year
City of AJ	\$5/Mo \$30/Jan-Jun	\$5/Mo \$65/Year	\$6/Mo \$69/Year	\$6/Mo \$73/Year	\$6/Mo \$77/Year
Town of QC	\$.2/Mo \$1/Jan-Jun	\$.2/Mo \$3/Year	\$.3/Mo \$3/ Year	\$.3/Mo \$3/Year	\$.3/Mo \$3/Year

***TOPAZ ACCOUNTING/BUDGET REVIEW
 FIVE (5) YEAR COST PROJECTIONS (000's)
 Monthly and Annual Capital Costs***

	FY 08-09	FY 09-10	FY 10-11	FY 11-12	FY 12-13
MESA	None Forecasted	\$40/ Mo \$485/Year	\$40/ Mo \$485/Year	\$40/ Mo \$485/Year	\$40/Mo \$485/Year
Gilbert	None Forecasted	\$10/Mo \$124/Year	\$10/Mo \$124/Year	\$10/Mo \$124/Year	\$10/Mo \$124/Year
AJ Fire District	None Forecasted	\$1/Mo \$12/Year	\$1/Mo \$12/Year	\$1/Mo \$12/Year	\$1/Mo \$12/Year
City of AJ	None Forecasted	\$2/Mo \$27/Year	\$2/Mo \$27/Year	\$2/Mo \$27/Year	\$2/Mo \$27/Year
Town of Queen Creek	None Forecasted	\$.1/Mo \$1/Year	\$.1/Mo \$1/Year	\$.1/Mo \$1/Year	\$.1/Mo \$1/Year

*TOPAZ ACCOUNTING/BUDGET REVIEW
FIVE (5) YEAR COST PROJECTIONS (000's)
Monthly and Annual Capital Costs*



QUESTIONS

TOPAZ SUBSCRIBER UNITS, NETWORK OPERATIONS AND MAINTENANCE COST, CAPITAL IMPROVEMENT COSTS AND REVENUE ESTIMATES

July 17,2008 Revised to reflect final FY 08/09 budget [Review with Mike Brown June 25, 2008, Subscriber Units review with Mike B.,Mike D., Jeff T. July 17,2008]
 October 15, 2008 Revised to reflect legal services addition.

		800 Mhz		5.42%	4.69%	4.73%	4.71%	
		%						
1. TOPAZ NETWORK OPERATIONS SUPPORT COSTS		FY 08/09 BUDGET	Support	FY 08/09	FY 09/10	FY 10/11	FY 11/12	FY 12/13
LABOR								
DATA GROUP:								
SR. COMMUNICATIONS NETWORK TECHNOLOGIST	4669	\$105,658	50%	\$52,829	\$55,692	\$58,304	\$61,062	\$63,938
COMMUNICATIONS NETWORK TECHNOLOGIST	1671	\$96,398	50%	\$48,199	\$50,811	\$53,194	\$55,711	\$58,335
COMMUNICATIONS NETWORK TECHNOLOGIST	1168	\$110,830	50%	\$55,415	\$58,418	\$61,158	\$64,051	\$67,068
TOTAL DATA GROUP LABOR				\$156,443	\$164,922	\$172,657	\$180,824	\$189,341
MOTOROLA POST WARRANTY SERVICES:								
SSA				\$239,532	\$246,910	\$254,292	\$261,794	\$269,176
MOTOROLA SERVICES				\$204,469	\$210,767	\$217,069	\$223,472	\$229,774
TOTAL MOTOROLA POST WARRANTY SERVICES				\$444,001	\$457,676	\$471,361	\$485,266	\$498,950
TOTAL TOPAZ NETWORK OPERATIONS SUPPORT COSTS				\$600,444	\$622,598	\$644,018	\$666,090	\$688,291
		800 Mhz		5.42%	4.69%	4.73%	4.71%	
		%						
2. TOPAZ INFRASTRUCTURE & MICROWAVE SUPPORT COSTS		FY 08/09 BUDGET	Support	FY 08/09	FY 09/10	FY 10/11	FY 11/12	FY 12/13
LABOR								
SYSTEMS GROUP:								
COMMUNICATIONS TECHNICAN III	0982	\$72,112	50%	\$36,056	\$38,010	\$39,793	\$41,675	\$43,638
COMMUNICATIONS TECHNICAN III	1364	\$83,398	50%	\$41,699	\$43,959	\$46,021	\$48,198	\$50,468
COMMUNICATIONS TECHNICAN III	1167	\$69,637	50%	\$34,819	\$36,706	\$38,427	\$40,245	\$42,140
COMMUNICATIONS TECHNICAN III	0804	\$91,348	50%	\$45,674	\$48,150	\$50,408	\$52,792	\$55,279
COMMUNICATIONS SYSTEMS COORDINATOR	0805	\$96,988	50%	\$48,494	\$51,122	\$53,520	\$56,052	\$58,692
WIRELESS COMMUNICATIONS ADMINISTRATOR	3358	\$89,947	50%	\$44,974	\$47,411	\$49,635	\$51,982	\$54,431
OVERTIME		\$54,275	50%	\$27,138	\$28,608	\$29,950	\$31,367	\$32,844
TOTAL SYSTEMS GROUP LABOR				\$278,853	\$293,966	\$307,753	\$322,310	\$337,491
COMMODITIES & OTHER SERVICES								
72820 TRAINING		\$27,000	45%	\$12,150	\$12,524	\$12,899	\$13,279	\$13,654
74220 REPLACEMENT PARTS & MATERIALS		\$127,627	25%	\$31,907	\$32,889	\$33,873	\$34,872	\$35,856
74250 SOFTWARE		\$6,147	45%	\$2,766	\$2,851	\$2,937	\$3,023	\$3,108
72360 MISCELLANEOUS CONTRACT REPAIR		\$65,100	25%	\$16,275	\$16,776	\$17,278	\$17,788	\$18,289
7220 SPARE EQUIPMENT SHIPPING		\$615	40%	\$246	\$254	\$261	\$269	\$276
74210 TOOLS & EQUIPMENT		\$31,500	45%	\$14,175	\$14,612	\$15,048	\$15,492	\$15,929
72260 VEHICLES		\$44,750	50%	\$22,375	\$23,064	\$23,754	\$24,455	\$25,144
72210 LEASED CIRCUITS		\$600	50%	\$300	\$309	\$318	\$328	\$337
72270 TRAVEL		\$11,600	75%	\$8,700	\$8,968	\$9,236	\$9,509	\$9,777
72720 OTHER SUBSCRIPTIONS & MEMBERSHIPS		\$4,200	60%	\$2,520	\$2,598	\$2,675	\$2,754	\$2,832
72180 PROFESSIONAL SERVICES OTHER		\$12,600	50%	\$6,300	\$6,494	\$6,688	\$6,886	\$7,080
TOTAL COMMODITIES & OTHER SERVICES				\$117,714	\$121,339	\$124,968	\$128,654	\$132,282
SITE LEASES								
THOMPSON PEAK (CAP)				\$34,200	\$35,253	\$36,307	\$37,379	\$38,433
TOTAL TOPAZ INFRASTRUCTURE & MICROWAVE SUPPORT COSTS				\$430,766	\$450,559	\$469,028	\$488,343	\$508,206

TOPAZ SUBSCRIBER UNITS, NETWORK OPERATIONS AND MAINTENANCE COST, CAPITAL IMPROVEMENT COSTS AND REVENUE ESTIMATES

July 17,2008 Revised to reflect final FY 08/09 budget [Review with Mike Brown June 25, 2008, Subscriber Units review with Mike B.,Mike D., Jeff T. July 17,2008]

		800 Mhz		5.42%	4.69%	4.73%	4.71%	
		%						
3. TOPAZ ADMINISTRATIVE SUPPORT & OVERHEAD COSTS	FY 08/09 BUDGET	Support	FY 08/09	FY 09/10	FY 10/11	FY 11/12	FY 12/13	
LABOR								
ADMINISTRATION & WAREHOUSE SUPPORT								
ADMINISTRATION SUPPORT ASSISTANT III	1098	\$67,619	15%	\$10,143	\$10,693	\$11,194	\$11,724	\$12,276
PARTS & SUPPLY SPECIALIST	3936	\$50,916	10%	\$5,092	\$5,368	\$5,619	\$5,885	\$6,162
LEAD PARTS & SUPPLY SPECIALIST	1598	\$66,015	10%	\$6,602	\$6,959	\$7,286	\$7,630	\$7,990
COMMUNICATIONS PROJECT LIASION	0528	\$106,954	50%	\$53,477	\$56,375	\$59,019	\$61,811	\$64,722
COMMUNICATIONS PROJECT LIASION	2397	\$133,713	50%	\$66,857	\$70,480	\$73,786	\$77,276	\$80,915
COMMUNICATIONS PROJECT LIASION	0185	\$124,585	25%	\$31,146	\$32,834	\$34,374	\$36,000	\$37,696
COMMUNICATIONS ADMINISTRATOR	29312	\$136,757	25%	\$34,189	\$36,042	\$37,733	\$39,517	\$41,379
COMMUNICATIONS DISPATCHER - ENCRYPTION	5154	\$108,347	10%	\$10,835	\$11,422	\$11,958	\$12,523	\$13,113
TOTAL LABOR				\$218,340	\$230,174	\$240,969	\$252,367	\$264,253
COMMODITIES & OTHER SERVICES								
TRAINING		\$3,000	10%	\$300	\$309	\$318	\$328	\$337
MISCELLANEOUS		\$19,500	50%	\$9,750	\$10,050	\$10,351	\$10,656	\$10,957
COMMODITIES - ENCRYPTION		\$2,000	100%	\$2,000	\$2,062	\$2,123	\$2,186	\$2,248
TOTAL COMMODITIES & OTHER SERVICES				\$12,050	\$12,421	\$12,793	\$13,170	\$13,541
OVERHEAD CHARGES								
GENERAL SERVICES RATE		17.3097%		\$124,990	\$131,764	\$137,944	\$144,469	\$151,273
ENCRYPTION RATE		20.9118%		\$2,266	\$2,389	\$2,501	\$2,619	\$2,742
TOTAL OVERHEAD CHARGES				\$127,255	\$134,153	\$140,444	\$147,087	\$154,015
TOTAL TOPAZ ADMINISTRATIVE SUPPORT				\$357,645	\$376,748	\$394,206	\$412,624	\$431,810
4. EXECUTIVE DIRECTOR COSTS								
LABOR	3833	\$136,888	50%	\$68,444	\$72,154	\$75,538	\$79,111	\$82,837
LEGAL SERVICES		\$7,500	100%	\$7,500	\$7,907	\$8,277	\$8,669	\$9,077
OTHER SERVICES		\$2,000	100%	\$2,000	\$2,108	\$2,207	\$2,312	\$2,421
TOTAL EXECUTIVE DIRECTOR COSTS				\$77,944	\$82,169	\$86,022	\$90,091	\$94,334
5. NETWORK EQUIPMENT DEPRECIATION [10 YEAR LIFE]								
SYSTEM UPGRADES, INSTALL, HARDWARE, SOFTWARE		\$65,000	50%		\$32,500	\$65,000	\$97,500	\$130,000
7. SUMMARY OF TOPAZ OPERATIONS AND MAINTENANCE COSTS								
TOTAL TOPAZ NETWORK OPERATIONS SUPPORT COSTS				\$600,444	\$622,598	\$644,018	\$666,090	\$688,291
TOTAL TOPAZ INFRASTRUCTURE & MICROWAVE SUPPORT COSTS				\$430,766	\$450,559	\$469,028	\$488,343	\$508,206
TOTAL TOPAZ ADMINISTRATIVE SUPPORT				\$357,645	\$376,748	\$394,206	\$412,624	\$431,810
TOTAL EXECUTIVE DIRECTOR COSTS				\$77,944	\$82,169	\$86,022	\$90,091	\$94,334
TOTAL NETWORK EQUIPMENT DEPRECIATION				\$0	\$32,500	\$65,000	\$97,500	\$130,000
TOTAL TOPAZ OPERATIONS AND MAINTENANCE COSTS				\$1,466,800	\$1,564,574	\$1,658,274	\$1,754,647	\$1,852,641
10. CAPITAL IMPROVEMENT COSTS								
TYPES OF CAPITAL				\$650,000	\$650,000	\$650,000	\$650,000	\$650,000
VARIOUS PROJECTS INCLUDING SYSTEM UPGRADES, INSTALLATION, HARDWARE AND SOFTWARE				\$650,000	\$650,000	\$650,000	\$650,000	\$650,000
TOTAL CAPITAL IMPROVEMENT COSTS				\$650,000	\$650,000	\$650,000	\$650,000	\$650,000

TOPAZ SUBSCRIBER UNITS, NETWORK OPERATIONS AND MAINTENANCE COST, CAPITAL IMPROVEMENT COSTS AND REVENUE ESTIMATES

July 17,2008 Revised to reflect final FY 08/09 budget [Review with Mike Brown June 25, 2008, Subscriber Units review with Mike B.,Mike D., Jeff T. July 17,2008]

TOPAZ SUBSCRIBER UNITS, NETWORK OPERATIONS AND MAINTENANCE COST, CAPITAL IMPROVEMENT COSTS AND REVENUE ESTIMATES

July 17,2008 Revised to reflect final FY 08/09 budget [Review with Mike Brown June 25, 2008, Subscriber Units review with Mike B.,Mike D., Jeff T. July 17,2008]

	FY 08/09	5.00% FY 09/10	5.00% FY 10/11	5.00% FY 11/12	5.00% FY 12/13
8. SUBSCRIBER UNITS [AS OF JULY 1,2008]					
MESA					
MOBILES	804	844	886	931	977
PORTABLES	1,960	2,058	2,161	2,269	2,382
CONTROL STATIONS	56	59	62	65	68
TOTAL MESA	2,820	2,961	3,109	3,265	3,428
TOWN OF GILBERT					
MOBILES	243	255	268	281	295
PORTABLES	458	481	505	530	557
CONTROL STATIONS	21	22	23	24	26
TOTAL TOWN OF GILBERT	722	758	796	836	878
APACHE JUNCTION FIRE DISTRICT					
MOBILES	23	24	25	27	28
PORTABLES	44	46	49	51	53
CONTROL STATIONS	4	4	4	5	5
TOTAL APACHE JUNCTION FIRE DISTRICT	71	75	78	82	86
CITY OF APACHE JUNCTION					
MOBILES	57	60	63	66	69
PORTABLES	95	100	105	110	115
CONTROL STATIONS	5	5	6	6	6
TOTAL CITY OF APACHE JUNCTION	157	165	173	182	191
TOWN OF QUEEN CREEK					
MOBILES	7	7	8	8	9
PORTABLES	0	0	0	0	0
CONTROL STATIONS	0	0	0	0	0
TOTAL TOWN OF QUEEN CREEK	7	7	8	8	9
TOTAL SUBSCRIBER UNITS					
MOBILES	1,134	1,191	1,250	1,313	1,378
PORTABLES	2,557	2,685	2,819	2,960	3,108
CONTROL STATIONS	86	90	95	100	105
TOTAL SUBSCRIBER UNITS	3,777	3,966	4,164	4,372	4,591
9. SUBSCRIBER UNIT PERCENTAGE					
MESA	74.66%	74.66%	74.66%	74.66%	74.66%
TOWN OF GILBERT	19.12%	19.12%	19.12%	19.12%	19.12%
APACHE JUNCTION FIRE DISTRICT	1.88%	1.88%	1.88%	1.88%	1.88%
CITY OF APACHE JUNCTION	4.16%	4.16%	4.16%	4.16%	4.16%
TOWN OF QUEEN CREEK	0.19%	0.19%	0.19%	0.19%	0.19%
TOTAL SUBSCRIBER UNIT PERCENTAGE	100.00%	100.00%	100.00%	100.00%	100.00%

TOPAZ SUBSCRIBER UNITS, NETWORK OPERATIONS AND MAINTENANCE COST, CAPITAL IMPROVEMENT COSTS AND REVENUE ESTIMATES

July 17,2008 Revised to reflect final FY 08/09 budget [Review with Mike Brown June 25, 2008, Subscriber Units review with Mike B.,Mike D., Jeff T. July 17,2008]

11. ANNUAL FEE PER SUBSCRIBER UNIT - TOPAZ OPERATIONS AND MAINTENANCE COSTS	\$388	\$395	\$398	\$401	\$404
MONTHLY FEE PER SUBSCRIBER UNIT - TOPAZ OPERATIONS AND MAINTENANCE COSTS	\$32	\$33	\$33	\$33	\$34
12. ANNUAL REVENUE FROM SUBSCRIBER UNITS - OPERATING COSTS					
MESA	\$1,095,148	\$1,168,149	\$1,238,108	\$1,310,062	\$1,383,227
TOWN OF GILBERT	\$280,389	\$299,079	\$316,991	\$335,413	\$354,145
APACHE JUNCTION FIRE DISTRICT	\$27,573	\$29,411	\$31,172	\$32,984	\$34,826
CITY OF APACHE JUNCTION	\$60,971	\$65,035	\$68,930	\$72,936	\$77,009
TOWN OF QUEEN CREEK	\$2,718	\$2,900	\$3,073	\$3,252	\$3,434
TOTAL ANNUAL REVENUE FROM SUBSCRIBER UNITS - OPERATING COSTS	\$1,466,800	\$1,564,574	\$1,658,274	\$1,754,647	\$1,852,641
13. MONTHLY REVENUE FROM SUBSCRIBER UNITS - OPERATING COSTS					
MESA	\$91,262	\$97,346	\$103,176	\$109,172	\$115,269
TOWN OF GILBERT	\$23,366	\$24,923	\$26,416	\$27,951	\$29,512
APACHE JUNCTION FIRE DISTRICT	\$2,298	\$2,451	\$2,598	\$2,749	\$2,902
CITY OF APACHE JUNCTION	\$5,081	\$5,420	\$5,744	\$6,078	\$6,417
TOWN OF QUEEN CREEK	\$227	\$242	\$256	\$271	\$286
TOTAL MONTHLY REVENUE FROM SUBSCRIBER UNITS - OPERATING COSTS	\$122,233	\$130,381	\$138,190	\$146,221	\$154,387
14. ANNUAL FEE PER SUBSCRIBER UNIT - TOPAZ CAPITAL IMPROVEMENT COSTS					
MONTHLY FEE PER SUBSCRIBER UNIT - TOPAZ CAPITAL IMPROVEMENT COSTS	\$172	\$164	\$156	\$149	\$142
MONTHLY FEE PER SUBSCRIBER UNIT - TOPAZ CAPITAL IMPROVEMENT COSTS	\$14	\$14	\$13	\$12	\$12
15. ANNUAL REVENUE FROM SUBSCRIBER UNITS - CAPITAL IMPROVEMENT COSTS					
MESA	\$485,306	\$485,306	\$485,306	\$485,306	\$485,306
TOWN OF GILBERT	\$124,252	\$124,252	\$124,252	\$124,252	\$124,252
APACHE JUNCTION FIRE DISTRICT	\$12,219	\$12,219	\$12,219	\$12,219	\$12,219
CITY OF APACHE JUNCTION	\$27,019	\$27,019	\$27,019	\$27,019	\$27,019
TOWN OF QUEEN CREEK	\$1,205	\$1,205	\$1,205	\$1,205	\$1,205
TOTAL ANNUAL REVENUE FROM SUBSCRIBER UNITS - CAPITAL IMPROVEMENT COSTS	\$650,000	\$650,000	\$650,000	\$650,000	\$650,000
16. MONTHLY REVENUE FROM SUBSCRIBER UNITS - CAPITAL IMPROVEMENT COSTS					
MESA	\$40,442	\$40,442	\$40,442	\$40,442	\$40,442
TOWN OF GILBERT	\$10,354	\$10,354	\$10,354	\$10,354	\$10,354
APACHE JUNCTION FIRE DISTRICT	\$1,018	\$1,018	\$1,018	\$1,018	\$1,018
CITY OF APACHE JUNCTION	\$2,252	\$2,252	\$2,252	\$2,252	\$2,252
TOWN OF QUEEN CREEK	\$100	\$100	\$100	\$100	\$100
TOTAL MONTHLY REVENUE FROM SUBSCRIBER UNITS - CAPITAL IMPROVEMENT COSTS	\$54,167	\$54,066	\$54,066	\$54,066	\$54,066

TOPAZ SUBSCRIBER UNITS, NETWORK OPERATIONS AND MAINTENANCE COST, CAPITAL IMPROVEMENT COSTS AND REVENUE ESTIMATES

July 17,2008 Revised to reflect final FY 08/09 budget [Review with Mike Brown June 25, 2008, Subscriber Units review with Mike B.,Mike D., Jeff T. July 17,2008]

FORECAST OF COST ASSIGNMENT TO TOPAZ MEMBERS FROM JANUARY 2009 THRU JUNE 2009

17. JANUARY THRU JUNE 2009 REVENUE FROM SUBSCRIBER UNITS - OPERATING COSTS

MESA	\$547,574	\$1,168,149	\$1,238,108	\$1,310,062	\$1,383,227
TOWN OF GILBERT	\$140,194	\$299,079	\$316,991	\$335,413	\$354,145
APACHE JUNCTION FIRE DISTRICT	\$13,786	\$29,411	\$31,172	\$32,984	\$34,826
CITY OF APACHE JUNCTION	\$30,486	\$65,035	\$68,930	\$72,936	\$77,009
TOWN OF QUEEN CREEK	\$1,359	\$2,900	\$3,073	\$3,252	\$3,434
TOTAL JANUARY THRU JUNE 2009 REVENUE FROM SUBSCRIBER UNITS - OPERATING COSTS	\$733,400	\$1,564,574	\$1,658,274	\$1,754,647	\$1,852,641

18. MONTHLY REVENUE FROM SUBSCRIBER UNITS - OPERATING COSTS

[JANUARY THRU JUNE 2009]

MESA	\$91,262	\$97,346	\$103,176	\$109,172	\$115,269
TOWN OF GILBERT	\$23,366	\$24,923	\$26,416	\$27,951	\$29,512
APACHE JUNCTION FIRE DISTRICT	\$2,298	\$2,451	\$2,598	\$2,749	\$2,902
CITY OF APACHE JUNCTION	\$5,081	\$5,420	\$5,744	\$6,078	\$6,417
TOWN OF QUEEN CREEK	\$227	\$242	\$256	\$271	\$286
TOTAL JANUARY THRU JUNE 2009 REVENUE FROM SUBSCRIBER UNITS - OPERATING COSTS	\$122,233	\$130,381	\$138,190	\$146,221	\$154,387

NOTE: CAPTIAL COSTS DEFERRED UNTIL TOPAZ BOARD OF DIRECTORS REVIEW BUDGET. CAPITAL COSTS FOR FISCAL YEAR 2009/2010 MAY INCLUDE A "CATCH UP" PROVISION IF THE BOARD APPROVES.

D.Fulton
10/15/08