

Finance Report

IEEE AESS

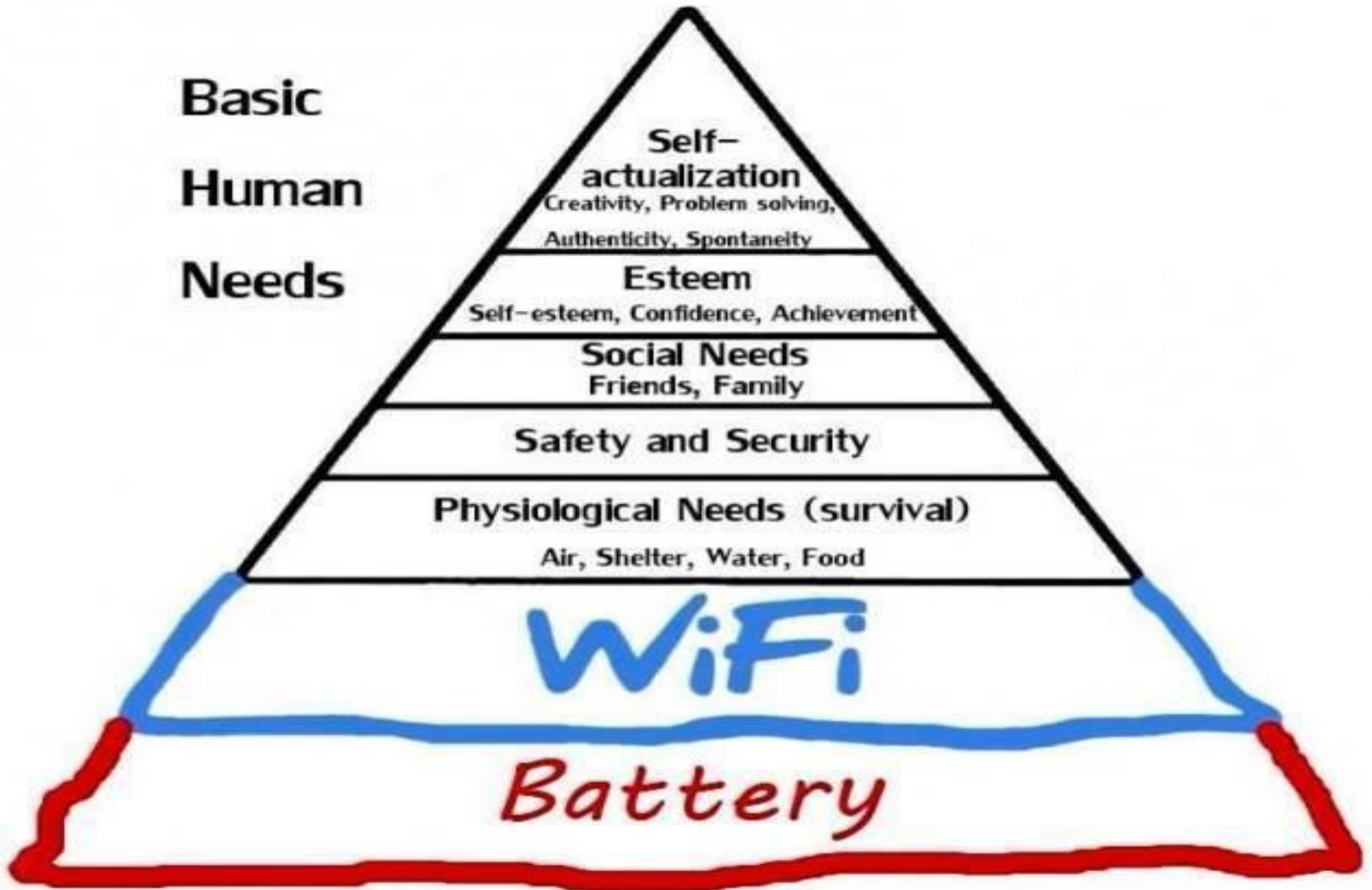
Bob Rassa
Treasurer
October, 2016



Looks like
everyones online

Since we mentioned that - - -

Basic
Human
Needs





"Hold these. I have to go back for my Wife"

PRIVATE ROBERT EWING
(26th Cameronian Regiment)

CHARGE: Drunk on guard.

SENTENCE: 2 months hard labour
and 2 months solitary confinement.

DATE: July, 1844.

Robert Ewing (age 24), from Bonhill in Dunbartonshire, had been in the army 4 years when he was caught drunk on guard whilst stationed here in Edinburgh Castle. It was a serious offence.

You see him serving the first part of his sentence – hard labour. This was usually shot drill, but other punishments were issued. Here Private Ewing is seen separating the strands of old tarred rope, or oakum, for re-use. Other punishments included stone breaking or yard cleaning.

During the remainder of his 21 years of army service, Private Ewing served in the East Indies, China and Bermuda and earned good conduct pay and badges.

Summary

The Society is solvent

**Although we generated a surplus of only
\$13.9k without investment income**

Questions?







Financial Results 2015

	INCOME			EXPENSE			NET			VARIAN CE
	ANNUAL BUDGET	BUDGET	ACTUAL	ANNUAL BUDGET	BUDGET	ACTUAL	ANNUAL BUDGET	BUDGET	ACTUAL	
INVESTMENT RETURNS	0.0	0.0	0.0	0.0	0.0	231.8	0.0	0.0	-231.8	-231.8
PERIODICALS	682.1	682.1	774.2	732.6	732.6	622.0	-50.5	-50.5	152.2	202.7
NEWSLETTERS (CTR 01500)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NON PERIODICAL SALES	0.0	0.0	0.0	5.0	5.0	5.0	-5.0	-5.0	-5.0	0.0
MEETINGS/CONFERENCES	2,111.0	2,111.0	2,067.0	1,385.3	1,385.3	1,113.4	725.7	725.7	953.6	227.9
GRANTS (CTR 01702)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ADMINISTRATION (CTR 01800)	0.0	0.0	0.0	309.4	309.4	307.7	-309.4	-309.4	-307.7	1.7
COMMITTEE/OTHER	0.4	0.4	0.0	271.7	271.7	315.6	-271.3	-271.3	-315.6	-44.3
SUBTOTAL	2,793.5	2,793.5	2,841.1	2,703.9	2,703.9	2,595.4	89.5	89.5	245.7	156.2
OU RESERVE SPENDING (44400)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	2,793.5	2,793.5	2,841.1	2,703.9	2,703.9	2,595.4	89.5	89.5	245.7	156.2

Conference Detail 2015

Conference	Income	Expense	Surplus	%
2013 Radar Conference	-\$53,052	-\$72,854	\$19,802	adj
2014 Aerospace	\$65,473	\$51,404	\$14,069	27%
2014 AUTOTESTCON	-\$81,925	-\$127,992	\$46,067	adj
2015 MetroAeroSpace	\$62,774	\$57,347	\$5,427	9%
2015 S. African Radar	\$77,972	\$65,528	\$12,444	19%
2015 Aerospace	\$592,923	\$344,828	\$248,095	72%
2015 AUTOTESTCON	\$210,678	\$152,600	\$58,078	38%
2015 ICNS	\$55,232	\$45,196	\$10,036	22%
2015 DASC	\$127,645	\$104,250	\$23,395	22%
2015 International Conf on Information	\$105,149	\$97,118	\$8,031	8%
2015 NAECON	\$3,000	\$1,700	\$1,300	76%
2015 RadarCon	\$529,448	\$386,471	\$142,977	37%
Total Conference Surplus reported in 2015	\$589,721 (less Ins. \$5,359)		\$584,362	
Conference Publications Distribution			\$371,620	
Total AES Conference Surplus 2015			\$955,982	

adj = adjustments made to books after conference closing

1900 Account Actuals 2015

Code	Description	Budget	Actual
40570	Secretarial Services	\$46,800	\$59,284
40710	AdCom Travel	\$52,040	\$92,698
40710	Award Plaques	\$3,200	\$2,100
40710	Chapter	\$0	\$298
40710	AdCom-Special Travel	\$0	\$4,063
40710	Treasurer Office	\$5,000	\$4,064
40710	President's Office	\$30,000	\$8,101
40730	AdCom Meeting Expenses	\$10,000	\$28,355
40760	Distinguished Lecture Travel	\$12,000	\$5,474
40822	AdCom HQ Expense	\$0	\$1,043
40831	Chapter Expenses	\$27,000	\$7,935
40851	Membership Committee	\$0	\$8,000
40852	Membership HQ expenses	\$2,000	\$840
40871	Awards Committee	\$12,400	\$12,101
40872	Awards HQ expense	\$4,200	\$7,000
40898	Other (reps to conf/council)	\$10,000	\$7,380
40898	Other (Student Projects)	\$15,000	\$26,946
42005	1st Class Postage	\$500	\$431
46040	Web	\$5,100	\$17,800
48545	Contribution Expense	\$0	\$5,000
50015	PurSvc Member Operations	\$6,300	\$1,840
50190	Biometrics Council Dues	\$2,100	\$2,000
50190	Systems Council Dues	\$5,300	\$10,000
50190	Transportation Electrification Dues	\$0	\$3,000

IEEE 1800 Account

1800 account is IEEE TAB admin charged to AES

Amounts charged in 2015:

- **\$120,600** TAB support
- **\$67,400** Conference Support (ICX etc.)
- **\$45,800** Future Directions
- **\$47,700** Overhead
- **\$25,900** Data-related services
- **\$296** Bank Service Charge
- **\$1,700** TAD

- **\$309,396** Total

2016 Budget

SUMMARY BY COST CENTER (HOME){SELECT A1..E1;A1}{SHOW-COLUMNS}~{DOWN 8}~	2009 ACTUALS	2010 ACTUALS	2011 ACTUALS	2012 ACTUALS	2013 ACTUALS	2014 ACTUALS	2015 BUDGET	2016 BUDGET
00100 INTEREST INCOME	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00380 TRANS ON AEROSP & ELECT SYS	473.5	475.1	467.2	465.3	582.9	485.6	438.0	431.0
00381 AEROSPACE & ELECT. SYS. MAG.	290.1	286.2	257.9	272.7	178.7	144.6	163.5	161.5
00382 AEROSPACE & ELECT. FEES	0.0	0.0	0.0	0.0	81.3	82.5	80.2	82.5
01499 PERIODICAL RELATED - OTHER	1.5	0.4	0.5	0.0	1.0	0.0	0.4	0.4
01600 NON PERIODICAL	5.2	2.9	2.2	0.0	0.0	0.0	0.0	0.0
01700 MEETINGS/CONFERENCES	1,730.6	2,280.3	2,216.8	2,184.6	1,893.2	1,906.2	2,111.0	1,657.8
01701 CONFERENCE RELATED - OTHER	0.2	0.0	0.1	(0.0)	0.0	(0.0)	(0.0)	(0.0)
01702 GRANT	0.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0
01800 ADMINISTRATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
01900 COMMITTEE & OTHER	0.3	0.5	0.2	0.4	0.0	0.0	0.4	0.4
TOTAL INCOME	2,501.4	3,050.9	2,944.8	2,923.0	2,737.1	2,618.8	2,793.5	2,333.6
00380 TRANS ON AEROSP & ELECT SYS	278.3	479.6	396.9	404.2	347.0	411.3	356.7	405.4
00381 AEROSPACE & ELECT. SYS. MAG.	500.9	372.0	426.4	381.1	308.7	289.9	371.2	280.3
00382 AEROSPACE & ELECT. FEES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
01499 PERIODICAL RELATED - OTHER	4.6	(0.0)	50.0	7.7	1.5	(10.1)	4.7	4.5
01600 NON PERIODICAL	13.4	13.7	9.0	5.3	4.1	4.8	5.0	5.1
01700 MEETINGS/CONFERENCES	1,022.2	1,406.9	1,496.6	1,323.0	1,228.7	1,156.4	1,383.2	986.2
01701 CONFERENCE - RELATED	1.9	1.9	1.9	9.9	9.2	6.9	2.1	2.1
01702 GRANT	0.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0
01800 ADMINISTRATION	319.0	355.3	378.2	419.2	430.2	298.7	309.4	320.9
01900 COMMITTEE & OTHER	253.4	255.6	368.5	276.0	254.8	164.4	271.6	272.8
TOTAL EXPENSE/RMBSVC	2,393.7	2,890.5	3,127.4	2,826.6	2,584.2	2,322.3	2,703.9	2,277.2
TOTAL FROM OPERATIONS	107.8	160.4	(182.6)	96.4	152.9	296.5	89.6	56.5
00100 RMBSVC-INTEREST INCOME	(756.5)	(195.0)	285.2	(224.4)	(701.2)	5.8	0.0	0.0
TOTAL NET	864.2	355.4	(467.7)	320.8	854.1	290.8	89.6	56.5

Summary Conference Data

	ACCOUNT NUMBER	PRIOR YEAR ACTUALS						2015 BUDGET	2016 BUDGET
		2009 ACTUALS	2010 ACTUALS	2011 ACTUALS	2012 ACTUALS	2013 ACTUALS	2014 ACTUALS		
Conference Publications Distribution	3360000000	377.1	404.1	395.2	387.0	390.6	359.9	345.8	401.6
Conference Income	3610000000	1,353.5	1,876.2	1,821.6	1,797.7	1,502.6	1,546.3	1,765.2	1,256.2
Total Income		1,730.6	2,280.3	2,216.8	2,184.6	1,893.2	1,906.2	2,111.0	1,657.8
Insurance	4170000000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bad Debt	4146000000	0.0	0.0	0.0	3.2	(3.2)	0.0	0.0	0.0
Conference Expense	4700000000	0.0	0.0	0.0	0.0	0.0	0.0	1,383.2	986.2
Conference Expense	4999000000	1,022.2	1,406.9	1,496.6	1,318.0	1,232.0	1,156.4	0.0	0
	5019010NA								
Pursvc-Other	E	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0
RmbSvc - Conference Publications Dist.	6022000000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Expense		1,022.2	1,406.9	1,496.6	1,323.0	1,228.7	1,156.4	1,383.2	986.2
Total Net		708.4	873.4	720.2	861.6	664.4	749.8	727.8	671.7

Conference Details

2016			2016 Conference Budget			Society Share of Conference Budget		
2016 IEEE Aerospace Conference	16AA C	100.0%	585,402	467,840	117,562	585,402	467,840	117,562
2016 IEEE Radar Conference (RadarConf16)	16RA D	50.0%	436,395	332,356	104,039	218,198	166,178	52,020
2016 National Aerospace Conference (NAECON)	16 NAE	50.0%	35,250	26,821	8,429	17,625	13,411	4,215
2016 Digital Avionics Systems Conference	16 DAS	50.0%	276,609	276,600	9	138,305	138,300	5
2106 Autotestcon	16AU T	50.0%	425,000	320,000	105,000	105,000	52,500	52,500
2016 International Carnahan Conference		100.0%			0	0	0	0
2016 PLANS		50.0%	383,430	295,931	87,499	191,715	147,966	43,750
Total 2016 Budget (enter in cost center 01700)					422,538	1,256,244	986,194	270,050

Publications Data-Transactions

Member Subscription Income	\$21.8k	
Non-member Subscription Income	\$26.9k	
APP/IEL/MDL Subscriptions	\$358.2k	
Voluntary Page charges	\$26.8k	
Non-member IP recovery	(\$8.1k)	
Total Income:		\$431k

Typesetting	\$154.7k	
Bad Debt Allowance	\$25.9k	
Editor Fee	\$144.9k	
Editorial Expenses	\$9.8k	
Composition	\$34.7k	
Indexing	\$1.3k	
Publications Administration	\$25.4k	
Authoring Tools	\$2.9k	
Total Expenses		\$405.4k

Net Income **\$25.7k**

Cost per print sub: \$38.40 (2016); \$62.20 (2015)

Publications Data-Magazine

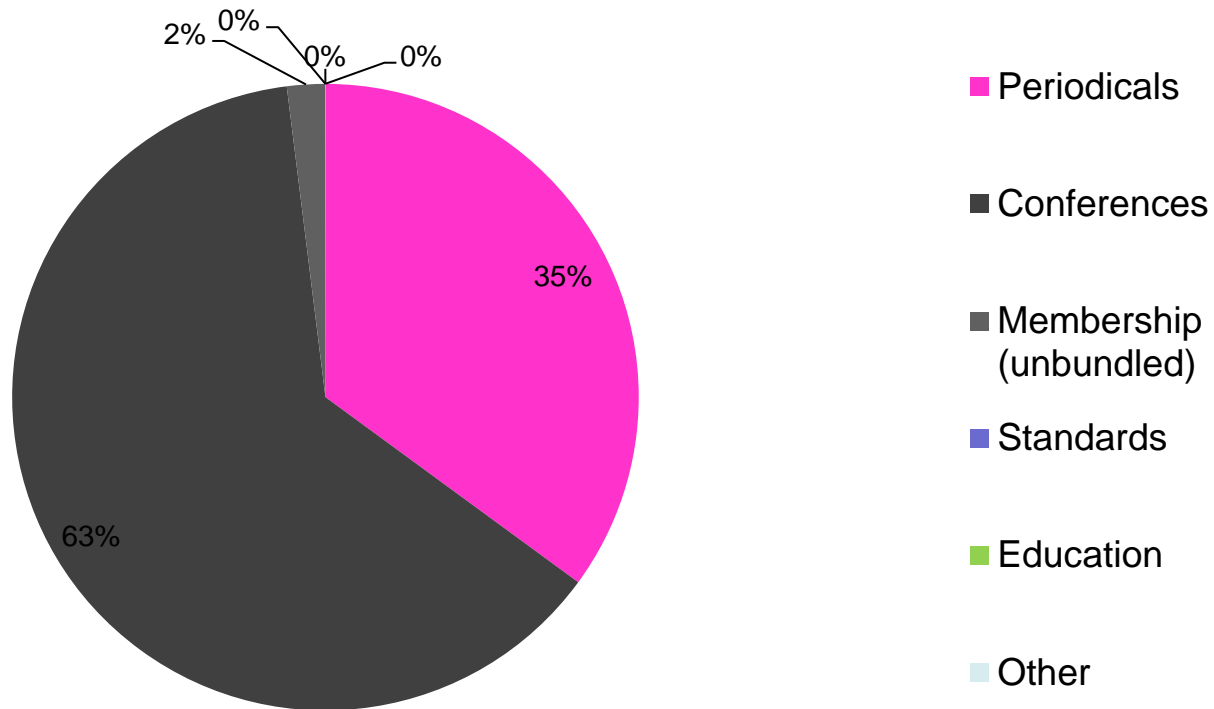
Member Subscription Income – print	\$2.4k	
Non-member Subscription Income print	\$26.9k	
Non-member Subscriptions electronic	\$2.6k	
Advertising – external ads		\$6.4k
APP/IEL/MDL Subscriptions	\$127.5k	
Misc Revenue-STEM		\$8.7k
Non-member IP recovery		(\$2.9k)
Total Income:		\$161.5k

Text Paper	\$23.3k	
Press Work Print	\$46.7k	
Binding-Print	\$8.5k	
Mailing Print	\$74.3k	
Editor Fee	\$59.0k **	
Composition	\$51.5k	
Indexing	\$1.3k	
Publications Administration	\$10.2k	
Xplore (purchased services)	\$6.0k	
Total Expenses		\$280.3k

Net Income (Loss) **(\$118.7k)**

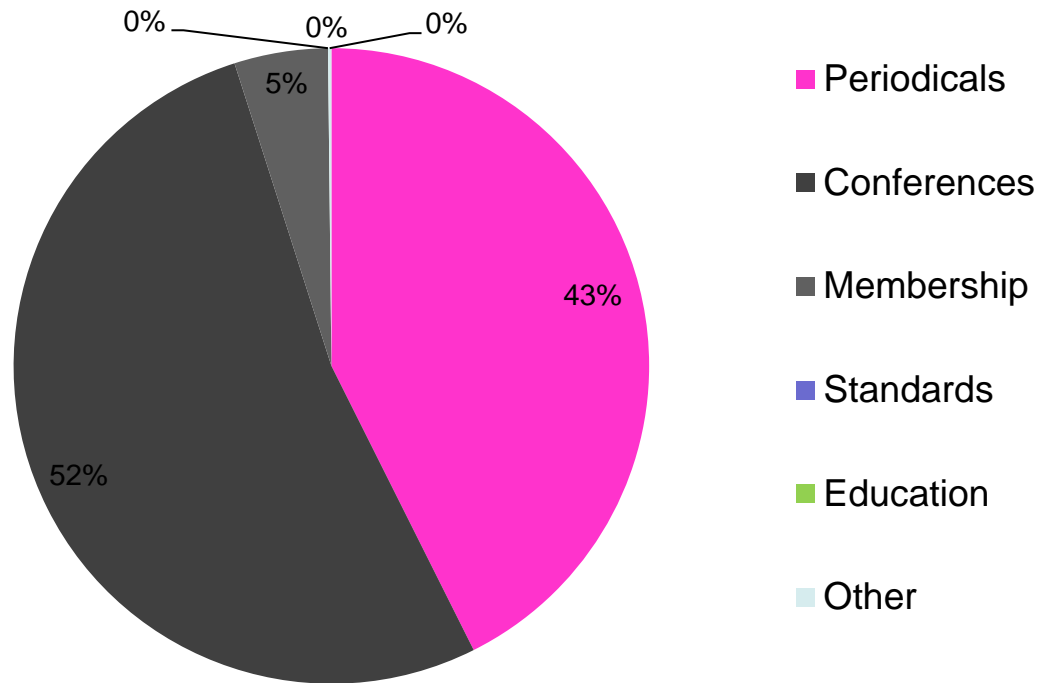
2016 Budget Product Pie Chart - Income

DRAFT - 2016B S/C Revenue if restated based on estimated calculated share of Gross PP rev in lieu of net PP distribution - ESTIMATE BY LINE OF OPS



2016 Budget Product Pie Chart - Expenses

DRAFT - 2016B Expense plus estimated calculated share of PP exp ESTIMATE BY LINE OF OPS



Actuals Through September 2016

	INCOME	YTD	YTD	EXPENSE	YTD	YTD	NET	YTD	YTD	YTD
	ANNUAL BUDGET	BUDGET	ACTUAL	ANNUAL BUDGET	BUDGET	ACTUAL	ANNUAL BUDGET	BUDGET	ACTUAL	VARIANCE
INVESTMENT RETURNS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PERIODICALS	675.5	573.2	621.1	690.3	517.8	506.0	-14.9	55.4	115.1	59.7
NEWSLETTERS (CTR 01500)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NON PERIODICAL SALES	0.0	0.0	0.0	5.1	3.8	4.1	-5.1	-3.8	-4.1	-0.3
MEETINGS/CONFERENCES	1,657.8	1,260.7	1,728.8	988.3	787.3	1,105.4	669.5	473.4	623.4	150.0
GRANTS (CTR 01702)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ADMINISTRATION (CTR 01800)	0.0	0.0	0.0	320.9	241.7	239.3	-320.9	-241.7	-239.3	2.3
COMMITTEE/OTHER	0.4	0.3	0.0	272.8	186.8	158.1	-272.4	-186.6	-158.1	28.5
SUBTOTAL	2,333.6	1,834.2	2,349.9	2,277.4	1,737.4	2,012.9	56.2	96.8	337.0	240.2
OU RESERVE SPENDING (44400)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	2,333.6	1,834.2	2,349.9	2,277.4	1,737.4	2,012.9	56.2	96.8	337.0	240.2

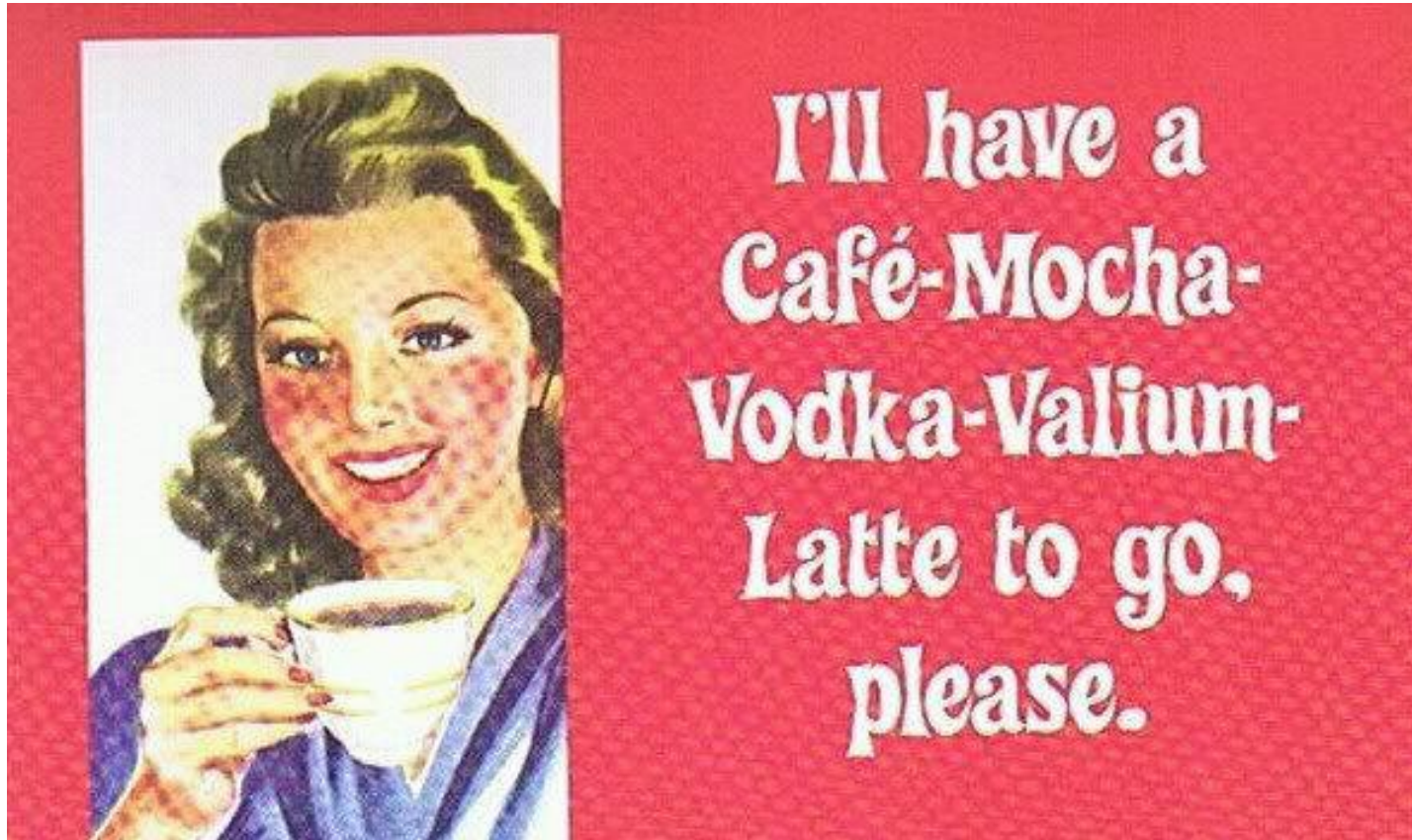
2017 Budget

BUS UNIT - 0100	{SET "WORKSHEET-TAB-COLOR";14}~								
SUMMARY BY COST CENTER	2010	2011	2012	2013	2014	2015	2016	2017	
	ACTUAL								
	S	ACTUALS	ACTUALS	ACTUALS	ACTUALS	ACTUALS	BUDGET	BUDGET	
00380 TRANS ON AEROSP & ELECT SYS	475.1	467.2	465.3	582.9	485.6	544.9	431.0	534.2	
00381 AEROSPACE & ELECT. SYS. MAG.	286.2	257.9	272.7	178.7	144.6	145.5	161.5	145.5	
00382 AES Membership FEES	0.0	0.0	0.0	81.3	82.5	83.6	82.5	80.2	
01499 PERIODICAL RELATED - OTHER	0.4	0.5	0.0	1.0	0.0	0.2	0.4	0.2	
01600 NON PERIODICAL	2.9	2.2	0.0	0.0	0.0	0.0	0.0	0.0	
01700 MEETINGS/CONFERENCES	2,280.3	2,216.8	2,184.6	1,893.2	1,906.2	2,067.0	1,657.8	1,853.9	
01701 CONFERENCE RELATED - OTHER	0.0	0.1	(0.0)	0.0	(0.0)	(0.0)	(0.0)	(0.0)	
01702 GRANT	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
01800 ADMINISTRATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
01900 COMMITTEE & OTHER	0.5	0.2	0.4	0.0	0.0	0.4	0.4	0.4	
TOTAL INCOME	3,050.9	2,944.8	2,923.0	2,737.1	2,618.8	2,841.5	2,333.6	2,614.4	
00380 TRANS ON AEROSP & ELECT SYS	479.6	396.9	404.2	347.0	411.3	330.8	405.4	436.5	
00381 AEROSPACE & ELECT. SYS. MAG.	372.0	426.4	381.1	308.7	289.9	295.7	280.3	284.2	
00382 AEROSPACE & ELECT. FEES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
01499 PERIODICAL RELATED - OTHER	(0.0)	50.0	7.7	1.5	(10.1)	(4.6)	4.5	17.6	
01600 NON PERIODICAL	13.7	9.0	5.3	4.1	4.8	5.0	5.1	5.1	
01700 MEETINGS/CONFERENCES	1,406.9	1,496.6	1,323.0	1,228.7	1,156.4	1,105.6	986.2	1,108.3	
01701 CONFERENCE - RELATED	1.9	1.9	9.9	9.2	6.9	7.8	2.1	7.9	
01702 GRANT	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
01800 ADMINISTRATION	355.3	378.2	419.2	430.2	298.7	307.7	320.9	333.0	
01900 COMMITTEE & OTHER	255.6	368.5	276.0	254.8	164.4	315.6	272.8	357.8	
TOTAL EXPENSE/RMBSVC	2,890.5	3,127.4	2,826.6	2,584.2	2,322.3	2,363.5	2,277.2	2,550.3	
TOTAL FROM OPERATIONS	160.4	(182.6)	96.4	152.9	296.5	477.9	56.5	64.1	
00100 RMBSVC-INTEREST INCOME	(195.0)	285.2	(224.4)	(701.2)	5.8	231.8	0.0	0.0	
TOTAL NET	355.4	(467.7)	320.8	854.1	290.8	246.1	56.5	64.1	
Reserve Blance				4,024.5	4,315.3	4,561.0			
3% spending rule		136.8							

2017 1900 Budget

	ACCOUNT	2010	2011	2012	2013	2014	2015	2016	2017
	NUMBER	ACTUALS	ACTUALS	ACTUALS	ACTUALS	ACTUALS	ACTUALS	BUDGET	BUDGET
Miscellaneous Revenue	3869900000	0.5	0.2	0.4	0.0	0.0	0.4	0.4	0.4
Total Income		0.5	0.2	0.4	0.0	0.0	0.4	0.4	0.4
Secretarial Services	4057000000	36.6	37.6	40.3	57.5	35.6	59.3	46.8	84.0
Comm Travel	4071000000	0.0	0.0	9.5	0.0	14.4	8.8	0.0	9.1
Presidents Office	4081500000	31.2	33.6	(0.0)	0.0	7.5	0.0	0.0	15.0
Chapter Committee	4083100000	29.8	78.0	13.4	10.3	9.9	8.0	15.0	10.0
Distinguished Lecturer	4083300000	7.5	17.7	0.0	0.0	3.6	0.6	0.0	0.6
Technical Committee	4084100000	0.0	0.1	0.0	0.0	-	0.0	5.0	5.0
Membership Committee	4085100000	5.2	1.0	0.0	0.0	-	8.0	0.0	8.1
Membership Hq Expense	4085200000	3.1	2.1	1.9	2.2	1.4	0.8	2.0	0.8
Awards Committee Expense	4087100000	0.0	0.0	11.7	6.1	0.5	12.1	12.4	12.2
Awards Hq Expense	4087200000	7.0	9.5	4.0	6.0	5.0	7.0	4.2	7.1
Education Committee	4089100000	1.0	0.0	2.0	0.0	-	0.0	4.1	0.0
Intrn'l Committee- Intrn'l Directors	4089600000	0.0	0.0	0.0	0.0	-	0.0	5.0	0.0
Other Committee	4089800000	35.7	0.0	0.0	0.0	2.3	7.4	0.0	7.5
Copyright Filing Fee	4144000000	0.0	0.0	0.0	0.0	0.4	0.3	0.0	0.3
Legal	4185000000	0.0	10.2	4.7	0.1	-	0.0	5.0	0.0
First Class Postage	4200500000	0.0	0.4	0.3	0.5	0.3	0.4	0.5	0.4
Express Carriers	4205000000	0.0	0.1	0.0	0.0	0.1	0.1	0.5	0.1
Web	4604000000	8.4	6.0	7.2	9.0	6.6	17.8	5.6	9.6
Unidentified & Miscellaneous	4999000000	0.8	0.0	2.0	0.0	-	0.2	0.0	0.2
Member Services	5001500000	2.2	2.2	2.2	2.3	1.9	1.8	6.3	6.3
Pursvc - Mailroom (NJ)	5016000000	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2
Comm Travel - AdCom	40710ADCMX	0.0	0.0	83.8	104.9	23.4	82.9	65.0	85.4
Comm Travel - Award Comm	40710AWARD	0.0	0.0	0.0	3.2	-	2.1	3.2	2.2
Comm Travel - Chapter	40710CHPTR	0.0	0.0	0.0	2.8	-	0.3	0.0	0.3
Comm Travel - Student	40710STUDN	0.0	0.0	0.0	18.5	-	0.0	0.0	0.0
Comm Travel - Treasurer	40710TREAS	0.0	0.0	8.4	8.1	-	3.4	5.0	3.5
Comm Travel - Other	40710OTHER	0.0	0.0	2.0	0.0	8.1	4.1	0.0	4.2
Comm Travel - President's Fund	40710XPRES	0.0	0.0	33.4	12.4	5.6	8.1	30.0	8.3
Meeting Accomodations	40730ADCMX	0.0	0.0	17.9	0.0	8.6	28.4	7.0	20.0
Volunteer Travel - Distinguished Lecturer	40760DISLR	0.0	0.0	11.2	3.8	-	5.5	10.0	7.5
Other Committee-Student	40898STUDN	0.0	47.0	2.0	2.5	21.5	26.9	25.0	35.0
Other Advertising & Promotion	48210SRBFT	0.0	0.0	0.0	0.0	-	0.0	5.0	5.0
Pursvc-Other	50190XCNFX	0.0	0.0	0.2	0.0	-	0.0	0.0	0.0
Pursvc-Biometrics Council	50190XBMCX	2.0	2.0	2.0	0.0	2.0	2.0	2.0	2.0
Pursvc - Other Systems Council	50190XSYSX	5.0	5.0	5.0	5.0	-	10.0	5.0	5.0
Pursvc-TEC	50190XTECX	0.0	0.0	0.0	0.0	-	3.0	3.0	3.0
Total Expense		175.4	252.5	265.4	255.2	158.7	309.4	272.8	357.8
Total Net		(174.9)	(252.3)	(265.0)	(255.2)	(158.7)	(309.1)	(272.4)	(357.4)

Any More Questions??



THE ISLAMIC STATE REVEALS ITS AIRFORCE



