



Finance Report Supplement

**IEEE Systems Council AdCom
November 7, 2017**

**Bob Rassa
VP Conferences
Past President**



WELCOME TO AUSTRIA!



Summary

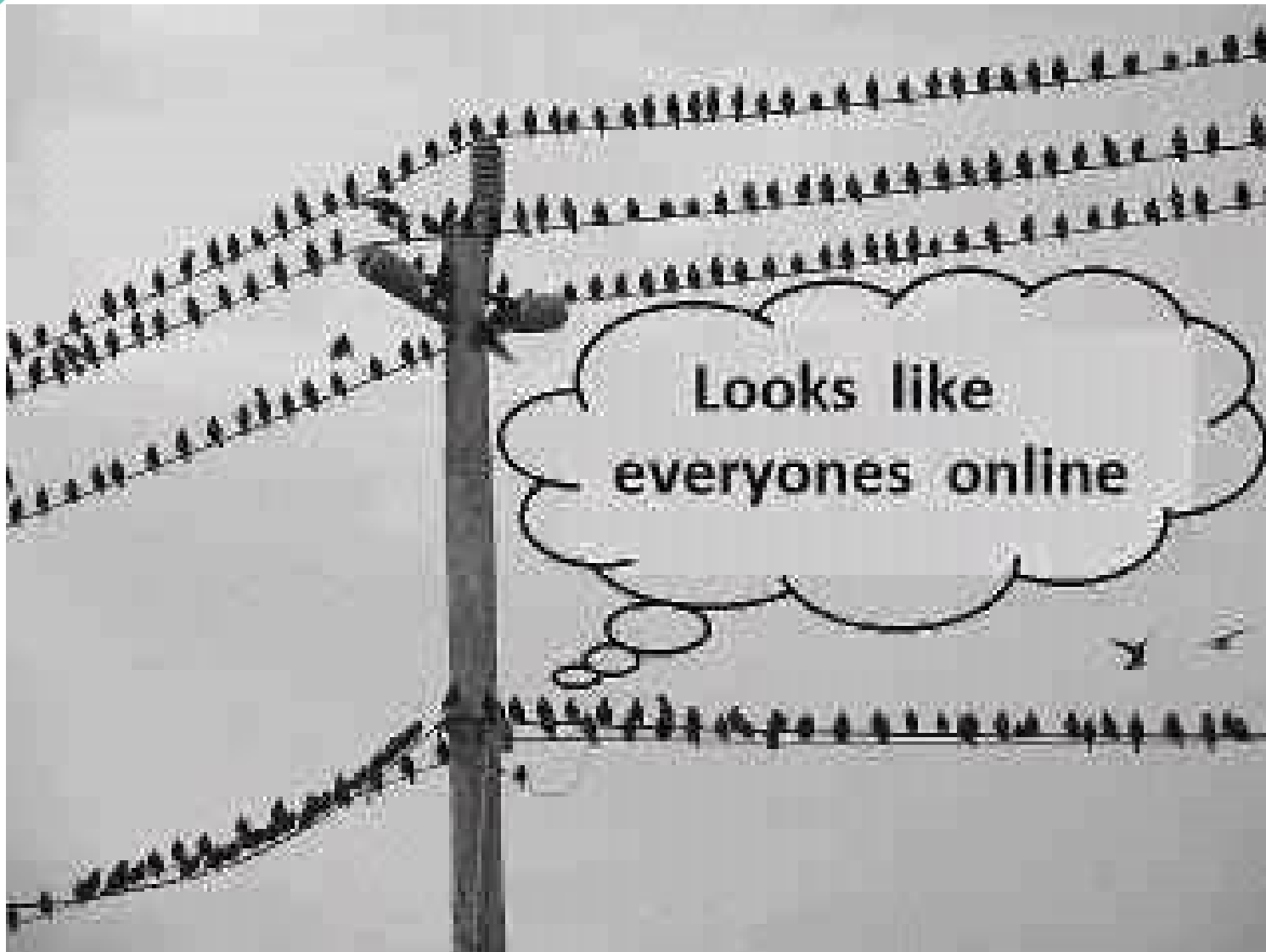
**The Council is still solvent. But
we have to be cautious.**



Questions?











..... & DONALD TRUMP MA'AM?

MAKE IT LOOK LIKE AN ACCIDENT 007



Financial Results 2015

	INCOME ANNUAL BUDGET	YTD BUDGET	YTD ACTUAL	EXPENSE ANNUAL BUDGET	YTD BUDGET	YTD ACTUAL	NET ANNUAL BUDGET	YTD BUDGET	YTD ACTUAL	YTD VARIANC
INVESTMENT RETURNS	0.0	0.0	0.0	0.0	0.0	32.8	0.0	0.0	-32.8	-32.8
PERIODICALS	179.9	179.9	232.4	180.5	180.5	133.7	-0.7	-0.7	98.8	99.4
NEWSLETTERS	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	0.2	0.2	1.6	-0.2	-0.2	-1.6	-1.4
MEETINGS/CONFERENCES	163.6	163.6	190.0	128.8	128.8	110.2	34.8	34.8	79.8	45.0
GRANTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ADMINISTRATION	0.0	0.0	0.0	48.6	48.6	48.5	-48.6	-48.6	-48.5	0.2
COMMITTEE/OTHER	0.0	0.0	0.0	-27.3	-27.3	-65.2	27.3	27.3	65.2	37.9
SUBTOTAL	343.5	343.5	422.5	330.8	330.8	261.5	12.6	12.6	160.9	148.3
OU RESERVE SPENDING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	343.5	343.5	422.5	330.8	330.8	261.5	12.6	12.6	160.9	148.3



Financial Results 2016

	INCOME	YTD	YTD	EXPENS	YTD	YTD	NET	YTD	YTD	YTD
	ANNUAL	BUDGET	ACTUAL	ANNUAL	BUDGET	ACTUAL	ANNUAL	BUDGET	ACTUAL	VARIANCE
	BUDGET	BUDGET	ACTUAL	BUDGET	BUDGET	ACTUAL	BUDGET	BUDGET	ACTUAL	VARIANCE
INVESTMENT RETURNS	0.0	0.0	0.0	0.0	0.0	-42.8	0.0	0.0	42.8	42.8
PERIODICALS	209.1	209.1	263.5	155.5	155.5	126.0	53.6	53.6	137.5	83.9
NEWSLETTERS	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	0.3	0.3	1.3	-0.3	-0.3	-1.3	-1.0
MEETINGS/CONFERENCES	152.4	152.4	208.6	105.4	105.4	132.1	47.0	47.0	76.5	29.5
GRANTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ADMINISTRATION	0.0	0.0	0.0	59.0	59.0	56.2	-59.0	-59.0	-56.2	2.7
COMMITTEE/OTHER	0.0	0.0	0.0	-26.8	-26.8	20.7	26.8	26.8	-20.7	-47.5
SUBTOTAL	361.5	361.5	472.0	293.3	293.3	293.5	68.2	68.2	178.5	110.4
RESERVE SPENDING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	361.5	361.5	472.0	293.3	293.3	293.5	68.2	68.2	178.5	110.4



Additional Conference Data 2015

(Preliminary)	Income	Expense	Surplus	%	
Systems Conference 2015	\$132,103	\$82,209	\$49,894	60.60%	final
Systems Symposium 2015	\$31,026	\$26,178	\$4,848	18.50%	prelim
Conference Publications			\$26,899		
Total			\$81,641		

(Final)	Income	Expense	Surplus	%	
Systems Conference 2015	\$132,103	\$82,209	\$49,894	60.60%	final
Systems Symposium 2015	\$51,266	\$28,306	\$22,960	81.10%	final
Conference Publications			\$26,899		
Total			\$99,753		



Additional Conference Data 2016

(Preliminary)	Income	Expense	Surplus	%	
Systems Conference 2016	\$112,730	\$92,209	\$20,521	22.25%	prelim
Systems Symposium 2016	\$43,925	\$36,750	\$7,175	19.68%	prelim
Conference Publications			\$31,600		
Total			\$59,296		

NOTE: Even though these are “preliminary” conference numbers as these conferences have not officially closed, these are the numbers in the final 2016 financial statement. Any differences when the conferences are fully closed will be reflected in the 2017 actuals



Conference Inputs to 2017 Budget

		2017		2017 Conference Budget				
10/1/201					100			
7	10	ISSE 2017	17SYM	%	\$49,500	\$39,500	\$10,000	
4/24/201		2017 Annual IEEE Systems Conference (SysCon)	17SYT	100				
7	4			%	\$90,000	\$60,000	\$35,000	
		TOTAL 2017 BUDGET (enter these amounts in cost center 1700)						



Technical Co-sponsorships

- 2014 1th International Conference on e-Business -**
- 2014 5th International Conference on Optical Communications**
- 2014 11th International Conference on Wireless Infrastructure**
- 2014 Intl Conf on Signal Processing and Multimedia**
- 2014 11th International Conference on Security and**
- 2014 5th Intl Conf on Data Communication Networking**
- 2015 6th International Conference on Data Communications**
- 2015 12th International Joint Conference on e-Business**
- 2016 13th International Conference on e-Business**
- 2016 7th Intl Conf on Optical Communication Systems**
- 2016 13th Intl Conf on Wireless Networks and Mobility**
- 2016 13th Intl Conf on Signal Processing and Multi**
- 2016 13th Intl Conf on Security and Cryptography -**
- 2016 7th International Conference on Data Communications**
- 2016 13th Intl Joint Conf on e-Business and Telecom**

- 2019 IEEE Photonics Society Summer Topical Meeting**



New Conference Activity

- **Plan to initiate a Workshop or Symposium on Miniaturization for Airborne and Space Systems as a companion to the new Journal**
 - We will do this jointly with GRSS as a minimum, and possibly Sensors as well.
 - Initial plan would be 50-50 OR 60-40 split; if Sensors is added maybe 1/3 each, or 40-30-30
 - 2018 Launch year



Publications

Primary elements of publications (\$k):

	<u>2015A</u>	<u>2016A</u>	<u>2017B</u>
IEL Subscriptions	\$163.4	\$184.2	\$215.4
Voluntary Page Charges	\$26.4	\$37.4	\$22.4
Open Access Charges	\$8.1	\$1.8	\$1.9
Reprints	\$9.5	\$22.1	0
Xplore downloads	\$6.1	(with above)	
Member Subscriptions	\$24.1	\$17.4	\$22.2
Total Income	\$232.4	\$263.4	\$264.4
Editor Fee & Expenses	\$24.7	\$24.8	\$47.6
Pursvc-Editorial	\$77.0	\$50.9	\$74.4
Pursvc-Pubs Admin	\$13.3	\$10.1	\$14.6
Pursvc-Authoring Tools	\$5.3	\$3.4	\$3.7
Pursvc-Transactions	0	\$21.0	0
Pursvc-Xplore	\$6.1	\$5.6	\$6.2
Pursvc-Manuscript	\$1.9	\$2.0	0
Total Expenses	\$131.3	\$121.9	\$150.0
Net Surplus	\$101.2	\$141.5	\$114.4



Publications - 2

Primary elements of publications (\$k)

	<u>2017B</u>	<u>2018B</u>
IEL Subscriptions	\$215.4	\$230.0
Voluntary Page Charges	\$22.4	\$37.4
Open Access Charges	\$1.9	\$1.9
Reprints	0	0
Xplore downloads	0	0
Member Subscriptions	\$22.2	\$14.3
Total Income	\$264.4	\$284.4
Editor Fee & Expenses	\$47.6	\$11.0
Pursvc-Editorial	\$74.4	\$117.5
Pursvc-Pubs Admin	\$14.6	\$17.7
Pursvc-Authoring Tools	\$3.7	\$4.0
Pursvc-Transactions	0	0
Pursvc-Xplore	\$6.2	\$6.2
Pursvc-Manuscript	0	0
Total Expenses	\$150.0	\$166.5
Net Surplus	\$114.4	\$117.9



Publications: J-MASS

Financials	2018	2019	2020	2021
REVENUE				
Member, Student and General Interest Subscription Revenue		\$13,667	\$17,210	\$22,985
Non Member Revenue		\$0	\$350	\$375
Non Member sub share of Corporate Infrastructure		\$0	(\$105)	(\$113)
Voluntary Page Charge		\$1,980	\$2,970	\$3,960
Overlength Page Charge		\$6,300	\$9,450	\$12,600
Periodical Package Program Revenue (this co-pub gets no base)		\$3,307	\$20,159	\$34,748
TOTAL REVENUE	\$0	\$31,554	\$59,484	\$87,156
EXPENSE				
Fixed Expenses				
Promotion		\$ 5,000	\$ 5,000	\$ 5,000
EIC and editor travel (Panel of Editors, AdCom)		\$ 1,500	\$ 1,500	\$ 1,500
Xplore		\$6,200	\$6,200	\$6,200
ScholarOne Manuscripts	\$ 5,750	\$6,610	\$7,329	\$7,963
Editorial (Moderately Edited)		\$10,275	\$15,792	\$21,780
Information Conversion		\$900	\$1,344	\$1,800
Graphics		\$450	\$672	\$900
Editorial Assistant/Office		\$5,000	\$5,000	\$5,000
Publication Administration/ Indexing		\$1,593	\$2,379	\$3,186
Total Fixed Expenses	\$ 5,750	\$ 37,528	\$ 45,216	\$ 53,329
Financials	2018	2019	2020	2021
Variable Fulfillment Expenses				
Digital print copies for ASPP-- creation/mailing		\$924	\$1,020	\$1,452
Total Fulfillment Expenses		\$924	\$1,020	\$1,452
Other Variable Expenses				
Voluntary Page Charges		\$450	\$675	\$900
Overlength Page Charges		\$87	\$120	\$162
Bad debt for page charge collection		\$1,490	\$2,236	\$2,981
Total Other Variable Expenses		\$2,027	\$3,031	\$4,043
TOTAL EXPENSE	\$5,750	\$40,479	\$49,267	\$58,824
NET SURPLUS/(DEFICIT)	(\$5,750)	(\$8,925)	\$10,217	\$28,332



J-MASS Shares

- **Systems Council** **35%**
 - **Geoscience & Remote Sensing** **25%**
 - **Sensors Council** **25%**
 - **Instrumentation & Measurement** **10%**
 - **Aerospace & Electronic Systems** **5%**
- » **Total:** **100%**





Council Administration 2016

				Actual	Budget
1900	40570	00000	Secretarial Services	18,245	13,510
	40710	ADCMX	Committee Travel	21,132	2,070
		OTHER	Committee Travel		
		XPRES	Committee Travel	7,910	4,150
	40730	ADCMX	Meeting Expenses	11,857	0
	40821	00000	Adcom Expense		3,000
	40871	00000	Awards Committee	988	0
	40898		“Other”	566	0
	46040	00000	Web	10,500	1,300
	50190	XTECX	Pursvc-Other Trans Elec)	1,000	1,000
	60035	00000	Rmbsvc-Other (Soc Dues)	-52,000	-52,000
01900					
Total				-20,700	-26,800



1800 Account

1800 account is IEEE TAB admin charged to SysC

<u>Amounts charged</u>	<u>2015</u>	<u>2016</u>	<u>2017b</u>	<u>2018b</u>
TAB support	\$21.2	24.4	29.5	34.5
Conf Support (ICX)	\$11.80	14.4	15.7	19.6
Future Directions	\$8.0	8.2	10.0	11.8
Overhead	\$6.5	8.1	4.5	4.7
Data-related services	\$0.9	1.1	2.4	2.6
Bank Service Charge	\$0.2	0.2	0	0.2
TAD	\$240	0	0	0
Total	\$48.4	56.4	62.1	73.3



2017-2018 Summary Budgets

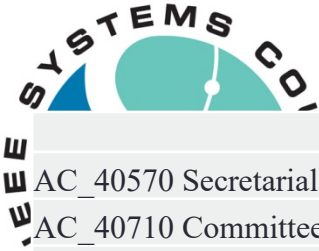
Income Expenses

SUMMARY BY COST CENTER		2014	2015	2016	2017	2018
		Actuals	Actuals	Actuals	Budget	Budget
00950	SYSTEMS JOURNAL	186.6	232.5	263.4	264.4	284.4
01499	PERIODICAL RELATED - OTHER	-	-	-	-	-
01700	CONFERENCES	100.7	190.0	208.6	186.3	198.3
01701	CONF RELATED	-	-	-	-	-
TOTAL REVENUE		287.3	422.5	472.0	450.7	482.7
00950	SYSTEMS JOURNAL	140.5	131.3	121.9	150.0	166.5
01499	PERIODICAL RELATED - OTHER	1.1	2.6	3.9	3.2	5.9
01600	NON PERIODICAL	0.5	1.6	1.3	0.3	1.3
01700	CONFERENCES	69.4	108.4	131.1	99.5	98.8
01701	CONF RELATED	1.3	1.8	1.0	6.0	6.9
01800	ADMINISTRATION	43.3	48.4	56.4	62.1	73.3
01900	COMMITTEE & OTHER	23.7	(65.2)	20.8	(2.3)	23.3
TOTAL EXPENSE/RMBSVC		279.8	228.9	336.4	318.8	376.0
TOTAL FROM OPERATIONS		7.5	193.6	135.6	131.9	106.8
00100	RMBSVC INTEREST INCOME	0.6	32.9	(42.7)	-	-
TOTAL NET		6.9	160.7	178.3	131.9	106.8



1900 Acct 2017

		PRIOR YEAR ACTUALS							
	ACCOUNT	2010	2011	2012	2013	2014	2015	2016	2017
	NUMBER	ACTUALS	ACTUALS	ACTUALS	ACTUALS	ACTUALS	ACTUALS	BUDGET	BUDGET
Secreterial Services	4057000000	0.9	0.0	9.5	10.2	9.2	10.8	13.5	13.8
Committee Travel- Adcom	40710ADCMX	0.0	0.0	4.5	5.0	11.2	18.1	2.1	20.5
Committee Travel- President	40710XPRES	0.0	0.0	3.8	2.9	2.1	3.3	4.1	3.4
Committee Travel-Other	40710OTHER	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.5
President's Office	4081500000	1.2	2.0	0.0	0.0	0.0	0.7	0.0	0.0
Adcom Committee	4082100000	5.2	1.0	0.0	0.0	0.0	0.0	3.1	3.1
Distinguished Lecturer	4083300000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
Awards Expense	4087100000	0.0	0.0	0.0	1.9	0.0	0.0	0.0	2.0
Awards Hq Expense	4087200000	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Education Committee	4089100000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Committee	4089900000	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0
Software-MSFT Agreement	41620MSFTX	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Web	4604000000	0.0	1.2	1.2	4.5	1.1	2.5	1.3	1.3
Miscellaneous	4999000000	(0.1)	0.0	0.0	0.2	0.0	0.0	0.0	0.0
PurSvc- Societies & Councils	5070000000	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.0
Pursvc-TEC	50190XTECX	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
Total Expense		7.2	4.2	19.0	24.8	23.6	38.8	(26.8)	47.7



1900 Budget & Actuals

		FY14 Actual	FY15 Actual	FY16 Actual	FY17 Budget	FY18 Budget
AC_40570 Secretarial Services	PR_00000	9.2	10.8	18.2	13.8	18.4
AC_40710 Committee Travel	PR_ADCMX	11.2	18.1	21.1	20.5	21.3
AC_40710 Committee Travel	PR_OTHER	-	0.5	-	0.5	-
AC_40710 Committee Travel	PR_XPRES	2.1	3.3	7.9	3.4	8.0
AC_40730 Meeting Accommodations	PR_ADCMX	-	-	11.9	-	12.0
AC_40815 Presidents Office Expense	PR_00000	-	0.7	-	-	-
AC_40821 Adcom Committee	PR_00000	-	-	-	3.1	-
AC_40822 Adcom Hq Expense	PR_00000	0.0	-	0.0	-	0.0
AC_40833 Disting Lecturer	PR_00000	-	-	-	2.0	-
AC_40871 Awards Committee	PR_00000	-	-	1.0	2.0	1.0
AC_40872 Awards Hq Expense	PR_00000	-	-	0.2	-	0.2
AC_40898 Other Committee Expense	PR_00000	-	-	0.6	-	0.6
AC_40899 Committee Hq Expense	PR_00000	-	1.8	-	-	-
AC_41620 Software	PR_MSFTX	-	0.1	0.1	0.1	0.1
AC_42050 Express Carriers	PR_00000	-	-	0.1	-	0.1
AC_46040 Web	PR_00000	1.1	2.5	10.5	1.3	10.6
40000 Expense		23.6	37.8	71.6	46.7	72.3
AC_50190 Pursvc-Other	PR_XTECX	-	1.0	1.0	1.0	1.0
AC_50460 Pur Svc Awards	PR_00000	-	-	0.1	-	-
AC_50700 Pursvc-Societies & Councils	PR_00000	0.1	-	0.1	-	-
50000 Purchase Services		0.1	1.0	1.2	1.0	1.0
AC_60035 Rmbsvc-Other (Society Dues)	PR_00000	-	(104.0)	(52.0)	(50.0)	(50.0)
60000 Reimbursed Services		0.0	(104.0)	(52.0)	(50.0)	(50.0)
TotalExpense		23.7	(65.2)	20.8	(2.3)	23.3



Recommendations

1- Continue to Energize DL program using tutorial instructors from the conference and symposium

- Most are willing (Michael Wicks, Paul Hershey, etc) – **signed up!**
- Use funding method that AES uses; i.e. SC pays major travel, inviting/host section/organization pays local travel & lodging
- Money in 2017 budget: \$2,000

2- Spend a few \$ to increase Journal page count until backlog is reduced (**we did in 2016, and another 600 pages for 2017**)

3- Set up student projects activity wherein small funds can be provided to student groups for worthwhile projects (**we did; James O Gray Grad scholarship and SysC undergrad scholarship, established \$5,000 for undergraduate scholarship**)

Rationale: IEEE expects us to do things to benefit members, the community and humanity



Motion

- **Motion: Reduce membership dues from \$5,000 per year to \$3,000 per year effective Jan 1, 2018.**
- **Rationale:**
 - **Some Councils (i.e. Sensors) charge no membership dues.**
 - **The Systems Council needed dues to help get us in solid financial condition while we initiated a Journal and one or more conferences.**
 - **The Journal and 2 Conferences are now generating good surplus**
 - **We are going to cut AdCom expenses by moving Fall AdCom to the US**
 - **Societies are under financial pressure from IEEE to cut expenses**



And since we focus on systems engineering for complex systems...



Isle Royale, the largest island on lake superior, has a lake which has an island which has a pond which has a boulder. So the boulder becomes the largest island in the largest lake on the largest island in the largest lake on the largest island in the largest lake in the world.



Any More Questions??



