W8UM: University of Michigan ARC

W8UM ARC Student Officers; 2016-2017	
President:	Stuart Carlson, W8SRC
V-President:	Peter Shultz, W2PKS
Secretary:	Jeff Gazdacko, KE8BLW
Treasurer:	Vacant
W8UM Trustee:	Mark Travaglini, WD8DPA
Faculty Advisor:	Amir Mortazawi, PhD., AC8YB

W8UM Meeting Dates (3rd Thursday)	
September 15, 2016	BBB Room 1690
October 20, 2016	EECS Room 1005
November 17, 2016	EECS Room 1005
December 15, 2016	No Mtg., Exam Week
January 19, 2017	EECS Room 1003
February 16, 2017	EECS Room 1003
March 16, 2017	**EECS Room 1003 Club Elections**
April 20, 2017	No Mtg., Exam Week
May – August	No scheduled meetings

Club Events & Dates	
Northfest	September 5, 2016
Festifall	September 9, 2016
EECS Family Night:	Friday, October 14, 2016 6pm
ARRL License Testing	2nd Saturday of each month
ARRL School Club Round-Up	Week of October 17-21, 2016
ARRL Phone Sweeps	November 19-21, 2016
KB6NU 1-day Tech Class	Saturday, January 21,2017 (EECS # 1200)
ARRL School Club Round-Up:	Week of Feb 13-17, 2017
Mi QSO Party	**April 15-16, 2017**
ARRL Field Day	**Saturday, June 23-24, 2017**

W8UM Sunday Night Net (8 pm Ann Arbor time): 145.23 mHZ, PL 100 HZ (-600 kHZ)
Temporarily on 146.96 (ARROW Freq.) or via EchoLink Node 301158 (W8UM-R)

W8UM Amateur Radio Club Meeting Agenda for Thursday, March 16, 2017
Time / Location: 6:30 pm. Room 1003 of the EECS Bldg., 1301 Beal Ave.

Presenter: Kit Ng, N9KIT
Title: Defining Software Defined Radio

Abstract: Software defined radio are now packaged commercially and are poised to replace traditional rigs. However, the software in these commercial rigs is generally kept well hidden, leaving the market with disappointed experimenters. The RTL-SDR is an exception to this SDR model. It is an inexpensive USB device (plugs into your computer) that allows for amateurs to experiment with their own signal processing and application development. Many useful (and free!) programs are available to make use of this hardware, so the RTL-SDR can be enjoyed by those with less interest in the software. This presentation serves as a guide to the selection of SDR hardware and software, the why's and how's in setting the software up, and exploring the various applications the community has developed for the RTL-SDR.

1. President's Welcome
2. Treasurer's Report
3. Station Manager's Report

Treasurer's Report:

Balance (02/16/2017):	$	4481.94
Revenues: (Jan)	$	343.00
Donations (cash):	$	
Expenses: (Jan)	$	
Balance (03/13/2017):	$	4824.94 ??

Station Manager's Report:

Radio's:	TS590/FT1000D/IC910/IC746/APRS/FT8800
Antenna's:	**80M**, G5RV, Satellite, **SteppIR**, Vert, Disc
QSO's (mo):	Jan 69 Feb 87
QSO's (yr):	2015 2016 2017
QSO's (#)	3178 2596 156

4. Prior Business / News:
   a. Hallicrafters SX-28A restoration project; Steve Sostrom, et al.
   b. Temporary EchoLink node, via the ARROW repeater, for the Sunday Net.
   c. ARRL Test Sessions; 2nd Saturday of each month at the Washtenaw County Red Cross Bldg. Contact AAROW Comm.
   d. SteppIR non-functional until further notice, unable to tune. Loss of coax continuity at 81" from shack.
   e. Michigan Union Tower removal to take place during Spring 2017 due to Union roof maintenance. (Moving & Trucking; Doug or John M, 647-3319)
   f. Looking for any QSL cards associated with the University of Michigan (cards not found at Bentley Historical Library)
   g. Club Officers: please obtain Room Reservation for Fall 2017 "W8UM Mass Meeting" *** Student Sponsored Agreement completion ***

5. New Business
   a. W8UM Elections Results (2017 – 2018)
      President:
      V-President:
      Treasurer:

   b. W8UM Repeater; in-operable due to Dennison / Weiser Hall construction – **Expected Completion Date, May 2017.** Repeaters have been re-located to within the WUOM room and may permanently remain at that location.

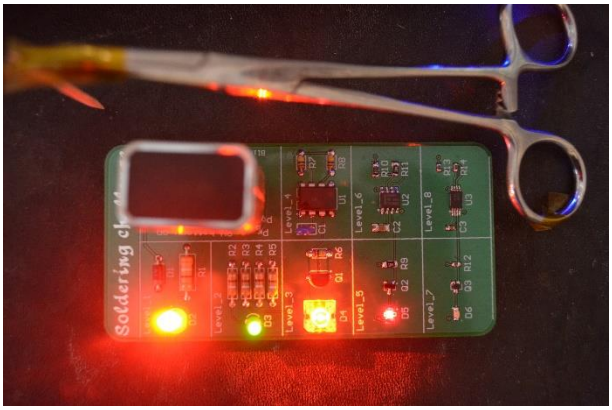
c. Sunday Night Net; Net Control Op:

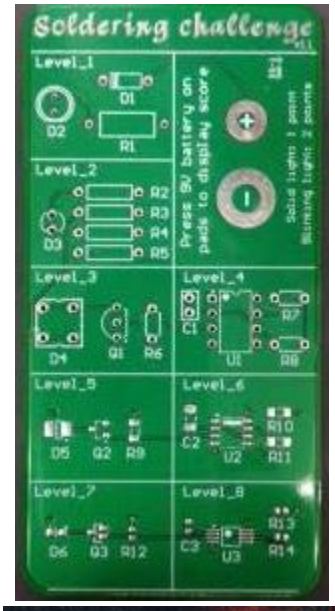
02/19/2017: Dan Romanchikm KB6NU
02/26/2017: Don Winsor, AC8TO
03/05/2017: Stuart Carlson, W8SRC
03/12/2017

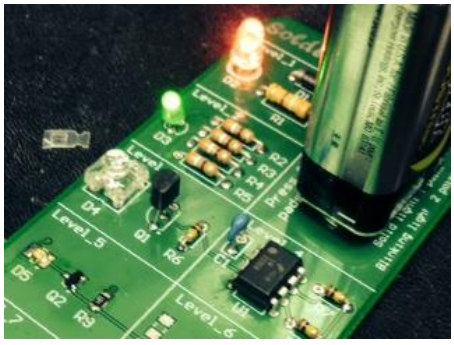
d. New Member Station Orientation (Feb – March 2017):

David Acus & Family
Theresa Chick KM4BIQ

e. Solder instruction class w/ Dave Boprie (WS8P)







a) Solder challenge boards & parts have arrived
b) board has been partially tested (03/01/2017); Levels 1-6
c) introductory class size will be limited to 10 individuals
d) there will be a $10 cost for W8UM members, Club will contribute the balance ($30/unit)
e) class date TBD, tentative March 2017

f. Michigan QSO Contest: Saturday, April 15, 2017
g. 200-year Anniversary; documenting personal stories of "wireless" radio, as told by its membership. **Form Attached, complete and return ASAP**
Responses received from: N4RU, W8LUJ, W8TWA, K8YC
(If time permits: 5 slides describing the "History of Wireless" at the Univ. of Michigan, John Palmisano)
h. Dr. James Cutler Lab, 2nd Floor FXB Bldg., is looking for students interested in monitoring satellites & retrieving data. Contact directly.
i. Maple Village Radio Shack closing. Sale in progress.
j. "Dayton" Hamfest: Saturday, May 20, 2017. Contact John Wasciuk for travel accommodations with ARROW.
k. Argus Camera & Radio Reunion Weekend, scheduled for October 13, 2017. Fascinating stories and displays relating to the Argus Company.
l. W8UM: Last club meeting for this school year. Next meeting will be September 2017.

6. Attendance (Feb 2017): 34 Students: 14 Alumni: 11 Faculty/Staff: 6 Non-UM: 3

7. Open Discussion / Comments / Announcements:

8. Presentation (described above)

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W8UM ARC President or Designee

W8UM Meeting Location: Electrical Engineering & Computer Science Building, Room 1003

Address: 1301 Beal Ave.
ZIP: 48109

