

1-15-68

meeting called to order @ 0107 ~~EST.~~

New officers elected:

Jim	K4MZR	President
James Curran	WA4DEL	Vice Pres.
Charles Bennett	WB4DSP	Sec./Treas.
Bob Bartoe Jr.	WA4UEY	activities

Jim, President, and Dr. Farber went over the rules and regulations of the club.

9 ~~10~~ members paid 1968 winter quarter membership dues.

Don Nesbitt gave a small talk on the need for new equipment, money. Explained that the club must show some activity to the benefit of the campus. A phone was suggested, but it was stated by Dr. Farber that it was impossible.

meeting ended 21:39Z

cash on hand - 20.44
" in bank - 38.29
total 58.73

2-5-68

meeting was called to order at 0905

Dr. Sutherland R4+D1 was there
old business

letter was sent to Student government
about getting Healthkit gear.

Plans were discussed about Engineer's Fair

Don Nesbitt made a motion to put responsibility
for keys to the back room in the
hands of the officers & sponsor
Motion was passed unanimously

New Business

It was noted that the IFE meetings
conflicted with our club meetings

It was suggested that someone
contact Benton Engineering Council
and report to the club next
month.

Jim Curran will see about
an article in Florida Engineer
Jay Bennett made a motion that
\$10 be used to purchase a
contestant for Queen of the

Engineer's Fair. It was seconded by Jim
Curran. The motion was passed by
5-4 majority. A committee of 3 was
chosen to pick the candidate - Don Nesbitt,

Jim Curran, George Elmore - Jim Wood
The meeting be adjourned. It was seconded
by George Elmore. Meeting ended at 0825

Meeting called to order

meeting 19 Feb 68

Robt Burtz act. Secy.

To order 8:05
adjourn - 8:35

~~no~~ visitors Ward Lindsey
members - 6 -

Old bus.

Hq Council - checked found that
poss within a week we would know about
money for new ~~bus~~.

Old Correspondence gone over

Suggest - that we put a display up
at Union - Robt Burtz appointed to
get committee together to do so

Linear fixed - cover on power supply

Spending two dollars (\$2.00) for
Dr. Southerland's license -

examine what happens when all $y_{ij} \leq 0$ $i=1 \dots m$, when we insert some vector \underline{P}_j into the basis.

Suppose we have the basic feasible solution

$$\sum_{i=1}^m x_{Bi} \underline{P}_i = \underline{b}$$

Let's add and subtract $\lambda \underline{P}_j$ from the left side:

$$\sum_{i=1}^m x_{Bi} \underline{P}_i - \lambda \underline{P}_j + \lambda \underline{P}_j = \underline{b} \quad (3.35)$$

where λ is any scalar and \underline{P}_j is the vector entering the basis. Note that \underline{P}_j may be expressed as a linear combination of the basis vectors,

$$\underline{P}_j = \sum_{i=1}^m y_{ij} \underline{P}_i$$

Substituting this into equation 3.35 we find

$$\sum_{i=1}^m x_{Bi} \underline{P}_i - \lambda \sum_{i=1}^m y_{ij} \underline{P}_i + \lambda \underline{P}_j = \underline{b}$$

Rearranging we find

$$\sum_{i=1}^m (x_{Bi} - \lambda y_{ij}) \underline{P}_i + \lambda \underline{P}_j = \underline{b} \quad (3.36)$$

possibility to become affiliated with the
BEC.

Suggestion to change meeting site

Microwave link between E&I to
EE Building - eqpt avail.
Club project - for engineering fair

law bus

we may find the new value of the objective function,

$$z = \sum_{\substack{i=1 \\ i \neq r}}^m c_{Bi} (x_{Bi} - x_{Br} \frac{y_{ij}}{y_{rj}}) + \frac{x_{Br}}{y_{rj}} c_j$$

Note that

$$c_{Br} (x_{Br} - \frac{x_{Br} y_{rj}}{y_{rj}}) = 0$$

Therefore adding the r-th term to the summation above does not change the right side.

$$z = \sum_{i=1}^m c_{Bi} (x_{Bi} - x_{Br} \frac{y_{ij}}{y_{rj}}) + \frac{x_{Br}}{y_{rj}} c_j$$

With algebra we find

$$\hat{z} = z + \frac{x_{Br}}{y_{rj}} (c_j - z_j) \quad (3.33)$$

$$= z + \theta (c_j - z_j) \quad (3.34)$$

By examining this expression we see that if $z_j - c_j < 0$, $\hat{z} \geq z$ and the theorem is proved. $c_j - z_j$ may be viewed as the change in z per unit increase in x_j while non-basic variables are zero and other basic variables adjust as they must in order to maintain a basic feasible solution. Note that if we are minimizing z , we will want to substitute a vector \underline{p}_j for which $z_j - c_j > 0$.

Unbounded Solutions

In the discussion above, we have assumed that if we inserted a vector \underline{p}_j into the basis there was at least one $y_{ij} > 0$, for $i=1 \dots m$. We will now

March 4, 1968

Meeting called to order at 01:10
minutes were approved as read.

The W4DFU candidate for Queen
of the engineer's Fair, ~~was introduced~~
Linda Edwards, was introduced to
the membership.

Old Bus

The money from the Leg Council
was discussed, and an SB101 was
approved, ~~being~~ to be used during
April 1968. The budget for 1968
- 1969 was discussed.

The change in trusteeship was
discussed. It was moved by
the President, Jim KYMER & seconded
by Don WCCB that Dr. Sutherland
be appointed trustee of the club.

It was approved unanimously.

New Bus

The constitution was submitted to student
government.

The constitution was revised:

all words "semester" to "quarter"

the office of secy & tres were combined.

Bob Bartol moved the above modifications
be made, seconded by John Edwards

- passed unanimously - It was
moved by Charles Dreyer WB4AP
that the dues be reduced to 1.50
the motion was defeated.

It was moved by George Elmore
that dues be ~~reduced to~~ 2.00 per
quarter, starting Spring 1968
quarter, approved by a majority.
The meeting concluded with 1:50

~~Charlie Shaffer moved that the Gator Amateur Radio Club meet the same week as the B.E.C. seconded by George Elmore.~~

Charlie Shaffer moved that the bylaws sec 2 be amended to from "The regular meeting on first & third Mondays of each month" to "by weekly on Monday in the same week that the B.E.C. meets." and that "in the clubroom" be eradicated. George Elmore seconded.

unanimously approved.

It was noted that a PPDT coaxial relay was removed from the club, and it was requested that it suddenly reappear.

It was noted that doodling should be done on scratch paper and not on furniture, walls, etc.

It was noted that the linear amplifier was operational.

The Engineer's fair was discussed. The decision was to use two rigs downstairs. 5 members volunteered to help set up the fair to cost \$50 for the club. George Elmore said he would

make some posters. It was suggested that someone in GY AREC get pictures of faces & AREC activities in Alacua county. It was suggested we make a link for a project. Charlie Shaffer moved we appropriate \$10 for posters & photographs for the Eng. fair, seconded by Jim Edwards. Motion was passed. Bob Baetoe moved the meeting be adjourned. seconded by Don Westfall.

It was moved by Jim Oliv. that C Shaffer be a committee of one to secure a phone, the motion was passed.

Meeting called to order at 01:25z
by Jim Olivenbaum, our president

George Elmore moved and Bob Bartoe
seconded that the officers of the ^{winter} ~~spring~~ quarter
be reinstated for the spring quarter.
It was approved unanimously.

Engineer's fair plans were discussed
& members paid Spring quarter 1968
membership dues.

It was moved by the secretary that
\$10 be spent for posters seconded
by Bob Bartoe. passed unanimously.

It was moved by George Elmore &
seconded by Bob Bartoe that the
meeting be adjourned. meeting
was adjourned at 02:08z

April 1, 1968

Meeting called to order at 01:10Z
minutes for the last two meetings
were read & approved as read.
Treasurer's report was given.

The Fla QSO party contest was
discussed. We netted 53,000 pts,
a subscription to Fla Skip was
discussed -

work on the Engineer's Fair was
discussed but the men with the
money + votes not to pay.

A motion was made by Bob Poulos
& seconded by Jim Curran + that
we subscribe the club to Fla Skip -
passed unanimously -

people were asked to sign up
for work periods during the Fair
Moved by Ron Vespiitt we
adjourn seconded by Paul Becht
meeting adjourned at 01:59

meeting of April 15

meeting called to order by our president at 00:08z. minutes were approved as read.

It was suggested by Jim Olivenbaum that the secy-tre, draft a letter to the student depository requesting that he be empowered with access to the club funds. (Student-Depository - ?)

Letter to Student Gov concerning officers of the club was sent by our president.

It was noted that the Engineers Fair was a success as far as the club was concerned.

Traffic handling procedure was discussed.

Jim Olivenbaum noted that his VOM had disappeared during the Fair.

It was suggested that the locks be changed to the club door.

a 30 HV supply is needed for the club station. a good project for someone.

The letter concerning the rest of the equipment to student government was talked about.

We were graced by the presence of Dr. Sutherland who had to leave early. Don Nesbitt moved the meeting.

He adjourned. seconded by Tom Kelly. meeting adjourned at 00:55z

meeting of April 22
minutes meeting called to order at 0103Z
~~minutes meeting~~ were approved as read.
There was no word on the new
SB-101. The lock change was
proceeding satisfactorily.

The president said he would
notify the traffic handlers when
the lock was changed.

Old Business:

The question was brought up
as to whether the club had contacted
the person who needed the
Brazilian station.

Don Nesbitt announced his progress on
his linear.

It was suggested that Bob Bartoe
work on a display case in Fla
Union, using QSC cards.

New Business: status of 75M dipole
was discussed.

Don Nesbitt made a motion
that the meeting be adjourned
seconded by Bob Bartoe.
meeting adjourned at 01143Z

May 6, 1968

Jim KYMR called the meeting
to order at ~~8:07 PM~~ 01:07Z
Old Business: Jim mentioned the arrival of the B101
and its progress. Two crystals were
broken in shipment or assembly.

The lock to our door was changed apr 30
To get a new key see Dr Sutherland
with w/ \$2:00 and current license
minutes were approved as read.

The Orlando Hamfest was
discussed. The swap shop was
smaller than usual and as usual
the swap shop was not air conditioned.
Don made another report on his linear,
concerning toroid tank circuits.

Bob reported that his QSC display
was proceeding.

The IEEE wants us to demonstrate
ham radio in a program, using rooms
512. Jim suggested that we take
about 3 hours and discuss the different
facets of the hobby.

Contact ARRL

New Business: Jim said help was needed for the election
returns.

George Elmore said we needed a generator
for field day. The issue of field day
was tabled.

Bob Bartoe moved we buy a Shure
444 mic for the station seconded
by Don Nesbitt. Passed unanimously.
(to be bought by officers) Don Nesbitt moved the meeting
be adjourned seconded by Don McE. Meeting adjourned at 01:56

Jim, K4MZR called the meeting to order at 0010Z May 21, 1968. He announced the completion of the SB-101. Twenty notes is still inoperative; a new crystal will be ordered to repair this problem.

Don, WB4JAU was asked to prepare an operating brief for the SB-101. It was decided to have three pages of the Heath manual ~~be~~ xeroxed for display on the wall above the rig. Jim, K4MZR warned against using the HW-12 now that the HP-23 is temporarily incompatible with it.

The IEEE presentation will be this fall, instead of this quarter, as previously announced. Jim, K4MZR ordered a Shure 444 desk mike from Mountain Electronics; it will be received in two weeks. Action toward getting the remaining \$700 of Heath gear from SG was discussed.

3. The Written Qualifying Examinations. The Ph.D. written qualifying examinations shall consist of two general examinations and three basic examinations for the following five subject areas:

- a) CIRCUITS; b) FIELDS; c) ELECTRONICS;
- d) CONTROL; and e) COMMUNICATION THEORY.

The student's Supervisory Committee should designate the areas for basic examinations and the areas for general examinations.

The student's area of specialization may be examined at the discretion of his Supervisory Committee in the form of an additional written examination or the oral examination.

4. The Oral Qualifying Examination. After the student has successfully passed his written qualifying examinations, an oral qualifying examination may be scheduled in accordance with the provisions in the Graduate Catalog. This oral examination will cover all subject areas of the student's written examinations including his area of specialization.

5. Deviation from the Usual Format. In general, deviation from the usual format for qualifying examinations outlined above, is discouraged. However, under unusual situations where the student's earlier academic background is different from other student's and his educational objective is worthy of support, the student's Supervisory Committee may present to the Graduate Committee of the E. E. Department an "examination plan" consistent with the student's academic program. If approved, the Qualifying Examinations will be administered according to this "examination plan". However, the student should be required to demonstrate competence in at least two of the conventional areas, i.e., CIRCUITS, FIELDS, ELECTRONICS, CONTROL, and COMMUNICATION THEORY.

The dilapidated condition of the antennas was brought up by Jim, W4DEL.

Steve Shackel and George Peterson were introduced by Don, W4JAN as visitors.

Also Longo, PY1AC1 was present and hopes to obtain a reciprocal operating permit.

The Union display was discussed and it was decided to prepare it for the first week or two of the fall quarter.

Jim, K4MZR announced that the first meeting of the fall quarter would be the first Monday of classes at 8:00 pm in Rm. 525.

Charles, W4CAP, moved that the club appropriate the necessary amount to purchase Collins part # 269 1248 00. The motion was seconded by Don, W4JAN and passed unanimously by voice vote.

The issuing of keys to unlicensed associate members was discussed.

The posting of sked dates in advance was recommended after a discussion, so that conflicts can be avoided.

Don, W4JAN, volunteered to clean up the HW-12 this summer.

UNIVERSITY OF FLORIDA
Department of Electrical Engineering

June 10, 1965

MEMORANDUM

TO: Graduate Students in Electrical Engineering
FROM: E. E. Graduate Faculty
SUBJECT: Ph.D. Preliminary-Qualifying Examinations

This memorandum provides some guidelines for the Ph.D. Preliminary-Qualifying Examinations, approved by the Graduate Faculty of the Department of Electrical Engineering on May 28, 1965; and these guidelines will become effective in September 1965.

A. DEPARTMENTAL PH.D. COUNSELING EXAMINATION (i.e. PRELIMINARY EXAMINATION)

Students who register for course work beyond the Master's degree, either on the main campus or at the GENESYS centers, and who expect to work toward the Ph.D. degree with a major in Electrical Engineering, must take the Departmental Ph.D. Counseling Examination at the earliest opportunity. This examination, consisting of two oral sessions of about 55 minutes each, will be scheduled once each Fall and Winter Trimester.

The purpose of this examination is to give the Examining Committee and the student some idea about the student's understanding of the fundamental principles of electrical engineering. The exam will be primarily based on undergraduate work, but questions at the Master's level may be asked in the areas wherein the candidate has taken graduate course work.

The extent of the candidate's mastery of the fundamentals of Circuits, Fields, Electronics, and Power & Control will be evaluated separately. These evaluations will be used by the student's Supervisory Committee in planning his Ph.D. program, especially with regard to correcting weaknesses in his background.

If the student's performance is sub-standard in any one of the listed areas, he may be asked to do remedial work in that area. If his preparation is unsatisfactory in two or more areas, he may be required to do extensive remedial work, or he may be advised to change his goals.

Bob, WA4VEY moved that GMT be used in all logging. Jim, K4MZR seconded and the motion passed unanimously.

~~Bob, WA4VEY~~ moved to adjourn
Don, WB4JAN
and Bob, WA4EY, seconded. ~~It~~
Naturally it passed (at 0102Z).

Charles L. Shaffer
WB4CAP

B. PH.D. QUALIFYING EXAMINATIONS

1. Philosophy. Some guidelines for the Ph.D. qualifying examinations are provided in this memorandum to ensure uniform standard of examinations for all our Ph.D. students. Within the framework of these guidelines, ample flexibility is allowed for the Supervisory Committee to tailor these examinations to the student's academic program.

2. General vs Basic Written Examinations. In order to provide a flexible approach to accomodate students of different academic interests, the written examinations on different subject matters are divided into two general categories as "general examinations" and "basic examinations".

A "general examination" will cover a general area of study representing the student's undergraduate as well as graduate preparations.

A "basic examination" will probe the student's mastery of the very basic concepts, principles and techniques in a particular subject area; and is primarily based upon the student's undergraduate work and/or a beginning graduate course. Examples are provided as follows:

Basic Examination

Coverage and Level

CIRCUITS

Basic circuit concepts and analysis techniques including Fourier and Laplace transforms, of the level as in CHEN (McGraw-Hill) or comparable books.

FIELDS

Introductory static and dynamic fields and waves, of the level as in HAYT (McGraw-Hill) and SKILLING (Wiley) or comparable books.

ELECTRONICS

Coverage and level as in the current EL 346-373 courses.

CONTROL

Linear control theory, of the level as in KUO (Prentice-Hall) or comparable books.

COMMUNICATION THEORY

Communication theory, of the level as in SCHWARTZ (McGraw-Hill) or LEE (Wiley) or comparable books.

September 23, 1968

Jim, K4MZR, called the meeting to order at 8:25 EDT. Introductions were made. Election of officers was postponed until next meeting when more members should be present. No word on Shure 114 mike. Don Nesbitt made a report on work done on the antennas over the summer. Trophies for the Florida QSO party will be presented to a representative of the club at the Miami Hamfest. The subject of requesting more equipment from student government was discussed. Dick Blaske moved that the letter submitted to student government last year be resubmitted as is along with a new letter of explanation. Bill Coppage seconded the motion. The motion carried unanimously. The fact that the old TA33 Jr. beam is in bad shape caused discussion of the purchase of a new beam. Jim called a meeting for next Monday. It was moved and seconded that the meeting be adjourned. Meeting was adjourned at 9:23 EDT.

September 30, 1968

Jim, K4MZR, called the meeting to order at 8:13 EDT. Minutes were read and approved. Still no word on the Shure 444, but it is being checked into. Jim reported that the beam could be purchased for 60 dollars. If a 30 ft. pushup mast, rotator, and rotator ~~feeder~~^{cable} are thrown in, the total cost would be 75 dollars. The beam will be discussed at the next meeting. Student government has not yet discussed funds for our purchase for more equipment. The new letter that was submitted to student government was read. It was suggested that the secretary write a letter to ARRL asking them an efficient way to route traffic to Viet Nam. Methods of getting more members to get out to the meetings were discussed. Posters and ~~ditto~~ memos will be made for advertising the club meetings. A motion that the meeting be adjourned was made and seconded. The meeting was adjourned at 9:00 EDT.

October 7, 1968

Jim, KAMZR, called the meeting to order at 8 PM EST. Introductions were made. Nominations were made for officers. Jim, KAMZR, was nominated for president. No other nominations were made so Jim was declared president. Nominations for V.P. were John, WB4BYL, and Ray, HP2MR. Vote was held. Results John 3, Ray 4. Ray is V.P. Nominations for Secretary-Treasurer were John, WB4BYL, and Don, WA4YIH. Don was elected unanimously. Charlie, WA4EGH, was the lone nominee for activity manager.

Jim KAMZR then reviewed the rules of the club. Don Nesbitt K3CCB/WB4JAN suggested that the exact freq of operation be noted in log in case of interference difficulties. Jim continued saying that no word yet on rest of equip except ^{Shure 440 mic} ~~make~~, which should be arriving in two weeks.

Jim asked for discussion on whether non-club members be allowed to operate equip. It was decided ~~no~~ against non-member operation unanimously.

Jim stated current balance of treasury as follows: ~~\$3.40~~ ~~1.12~~.

Discussion of August Cassiato's TA33 & rotor followed. A heated discussion of the need for larger antenna was featured by the hope of making phone patch et al for foreign & domestic students. Rick WB4JNF requested getting the Collins receiver hooked up for full breakin c.w.

Question raised ~~to~~ whether beam is to be bought.

Motion yes by Ramon, second by Rick. Carried unanimously. Suggestion made to charge dues for rest of year, by Bill Wells. Eight members volunteered accordingly. Meeting closed at 0/4/

Oct 21.

Meeting was opened at 20 0005 Z. approx 20 attended. Introductions were again made. Don K3CCB/WB4JAN made plug for ~~cards~~ filling out cards.

Jim ~~K4MZR~~ ^{K4MZR} and ~~past~~ ^{the present} members reviewed club activities. Jim K4W4DEL handles the phone traffic. Rick WB4JN1 handles the c.w. trfc. Don Nesbitt K3CCB/WB4JAN recapitulated W4DFU's victory in the Fla QSO party.

K4MZR then advised on the status of the balance of the Heathkit Stn.

Phone patch and telephone ~~was~~ ^{were} again discussed with the hope of talking Stu. got into give us one.

Don Nesbitt said that he would have some new ~~and~~ club announcements ready by Thursday.

Jim W4ADEL volunteered to ~~rearrange~~ rearrange the bulletin board ~~to~~ so that one section can be ~~res~~ reserved for important ~~a~~ bulletins.

Don Nesbitt wants to find squirrel cage fan so he can bring his amplifier over which can easily exceed legal limit.

K4MZR then asked for suggestions for when an antenna party could be held. Saturday the 26 was decided.

Rick WB4JN1, Jim W4ADEL, Dick W4PDHU, Jim W4ADOL volunteered to be on antenna committee.

Dick W4PDHU brought up the subject of Sweepstakes and became the chairman.

Rick WB4JN1, Jim W4ADOL, Jim W4ADEL were appointed to the traffic handling committee.

Don Nesbitt suggested the club ~~not~~ choose a ~~homecoming~~ Queen candidate for the Engineering Fair.

Don Nesbitt moved the meeting be closed. 01.10Z

Nov 4

Meeting was opened at 2005. Minutes were read and approved. Treasurer's report \$27.45. ~~There~~
~~At~~ An antenna party on Saturday 26 October. Jim, K4MZR, Dick, WA4DHU, Don, WA4YIH, Bill, WA4YBK, and Rick, WB4JNI worked on the 80, 75, and 90 meter dipoles and then worked on equipment in the shack. October traffic: 18 originated, 59 received, 43 relayed, 13 delivered, 133 total. Don, K3CCB/WB4JAN, printed meeting notices. An antenna party will be held next Saturday, the 9th, to go get the TA-33 beam. A committee was formed to look into getting a telephone for the shack. Members are Jim, WA4DEL, Rick, WB4JNI, and Charlie, WB4CAP. Still no word on our request from Student Government. Rick, WB4JNI announced that sweepstakes will be held on the next two weekends. Don, K3CCB/WB4JAN/etc., will provide log sheets. People will be needed to log as well as to operate from 1700 Saturday to 0200 Monday each weekend. Permission will be needed to be in the building ~~at that house~~ all night. New business: The "Florida Engineer" has asked us to write an article to be published in their magazine. Rick, WB4JNI proposed that we erect a multiwave length antenna to be used on 160-10 meters. It is to be run from the athletic field to the E+I building to the Nuclear reactor building. The club decided not to build it due to probable difficulty in obtaining permission to string it to the athletic field. The antenna committee will look into the possibility of keeping such an antenna behind the E+I building. Meeting adjourned at 2120.

Nov. 18, 1968

Called to order 0105. Treasurers report - \$27,37 ON HAND. Jim KAMER Reported on our request to student government. Our request was conveniently mislaid and after much bureaucratic red tape, the Budget & Finance Comm. considered our request. The current status of our request is that it has been tabled until next quarter as the special fund is flat.

Dr. Sutherland our esteemed advisor arrived at 0115Z. Discussion regarding student Gov. Senate and the ways of allocating money were discussed. Members were urged to see their Senator.

Rick, WB4JNL, suggested that we try to get an annual budget from student government.

Rick, WB4JNL, reported on The Sweepstakes Contest. SSB-208 contacts = 28K points; there were 4 or 5 operators - CW = 366 contacts = 49K points there were 3 or 4 operators but they came at the same time and Rick worked 19 of the hours himself. Rick complained of vlf failures and poor antennas. Prior planning & scheduling are recommending.

DON K3CCB/WB4JAN WAS NOMINATED TO PICK UP THE TROPHY THAT WAS WON BY W4DFU DURING THE LAST FLORIDA QSO PARTY. (THE MOTION WAS PASSED).

JIM KAMER HAS SUBMITTED AN ARTICLE TO FLORIDA ENGINEER FOR PUBLICATION IN THE LAST ENGINEER OF THE 1ST QUARTER.

THE COLLINS SWITCH WILL COST ABOUT \$10.50 AND THE EE DEPT HAS AGREED TO PURCHASE THIS AND 100FT OF AL. GUY WIRE FOR THE CLUB.

THE ANTENNA PARTY WAS SUCCESSFUL AND THE TH33, MAST, ROTOR, COAX, ETC ARE NOW AT THE CLUB ROOM.

018, 1968 ^{cont}

IT IS recommended THAT OUR ROTOR be serviced and used ON THE TA-33, reserving the U-100 for a small 2 meter beam. (that's strange, we don't have any 2 meter equipment!)

The antenna comm. should be decided on the location for the TA33, AND ASSOCIATED problems. (DICK WA4DHU & RICK WB4JNI).

MUCH DISCUSSION centered on the new regulations and their effect on club operation. Dr. Sutherland HAS AGREED to practice his CW writing ability so that the club might obtain an extra class license.

DICK WA4DHU will place a chart in the shack which will detail the restricted frequencies.

DICK DISCUSSED modifying the SB-101 for more effective CW work - A diode switch & a trimmer could be used to bring the offset to a more pleasing tone instead of the IIC design. Jim KAMER reminded the members of the necessity of NOT making modifications without proper authorization.

CW operation convenience was discussed and a foot switch was recommended for the SB-101.

RICK, WB4JNI, tried to get DICK, WA4DHU another chance at making a useful modification that worked. The membership voted to give him another trial by modifying the 7SA3 with a product detector.

Jim Curran moved the meeting to be terminated!
Approved at 0219.

Dec 2

Called to order 0111 by KAMER

Minutes were approved as read

Jim KAMER urged all members to contact their respective senators and ~~to~~ convince them of the need in passing an equipment request.

Jim KAMER ~~to~~ suggested the reading of Fla. Ship article about TVI lawsuit.

Jim KAMER reminded members that the club station may only be operated on the general class sections of the bands since Dr. Sutherland has ~~to~~ only a general class license.

Jim also mentioned that the beam is ready to be erected.

Jim WADDEL ~~to~~ said that only 64 pieces of traffic were handled last month.

Jim KAMER remarked that the SB101 has ~~stable~~ stability problems. The repair session was postponed till next quarter.

Jim also promoted the purchase of the nametags.

Don K3CCB/WB4JAN, who just arrived as the meeting was winding up, made the motion that the meeting be adjourned.

Meeting adjourned at 0147