

PUBLISHED BY

THE IOWA CITY AMATEUR RADIO CLUB

and

THE UNIVERSITY OF IOWA AMATEUR RADIO CLUB

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The Iowa City Amateur Radio Club
403 Amhurst Street
Iowa City, Iowa 52240

and

The University of Iowa Amateur Radio Club 4900 Engineering Building Iowa City, Iowa 52242

The Iowa City Amateur Radio Club meets the second Wednesday of each month in the community room in the basement of the First National Bank of Iowa City at Towncrest, 1117 William Street. The meeting begins at 7:30 PM CDT.

403 Amhurst Street Iowa City, Iowa 52240

### PREXY'S PAGE de KØUJJ

I don't know about anyone else, but I was very impressed by that Collins station (KØYSN) at last month's meeting. To my mind, one of the more interesting programs we have had. We had a good turnout and a good time was had by all that I talked to. The social hour afterwards was also enjoyable.

Next month (May) yours truly will be presenting the program, a continuation of the series I began some time ago. This program will be devoted to linear integrated circuits, and will be on an elementary level—I hope to be able to enable even those who are not technically inclined to understand the subject. I will talk about op amps, what they are and how they work and how to use them. Then a few more specialized circuits, especially those with application to communications and amateur radio. There will be practical demonstrations of many of the things I will be talking about.

The re-writing of the Constitution has been completed, and a copy is enclosed with this month's Rag. Please read it, as we will be voting on it at an early meeting.

We are planning an exhibition of Amateur Radio at the Mall Shopping Center for the coming fall, a Saturday. At the moment plans include two complete HF stations, complete with RTTY and SSTV, and at least one 2 Meter FM rig. Hopefully the autopatch will be completed by that time so that it may be demonstrated. Posters and handouts are in the works. Needless to say, we will need quite a few volunteers to man the stations. YOUR help would be very much appreciated, so try to arrange your schedule so that you can donate an hour of your time to this most worthwhile cause.

See you all at the meeting, May 14, 7:30 pm FNB at Towncrest.

73, de KØUJJ

### IN CASE YOU MISSED IT...

The regular April meeting of the Iowa City Amateur Radio Club was not held in April, because many interested members visited Collins Radio in Cedar Rapids on the evening of April 9.

A summary of the treasurer's report for the 9th of April is as follows:

We received seven more dues at \$6.00 each, for a total of \$42.00. This, added to last month's total of \$223.67, gives us \$265.67. Part of March Newsletter's cost and the entire April Newsletter cost totaled \$15.17; the club also purchased an ARRL Code Tape for learning Novices at \$3.00. Subtracting the \$18.17 expenditures from the abovementioned total leaves the club with a balance of \$247.50 as of the 9th of April, 1975.

The next meeting, on the 14th of May, will once again be a regular meeting. See you there!

de Jacquie WNØLWX

\* \* \* \* \* \* \* \* \* \* \* \* \*

The next meeting of the Iowa City Amateur Radio Club will be held on Wednesday, May 14, 1975 at 7:30 PM CDT at the First National Bank at Towncrest in the community room in the basement. The program this month will be presented by Craig, KØUJJ who will speak on linear integrated circuits. He plans to also have some items for demonstration. A short Business meeting will preced the program and refreshments will follow. Also it is planned to present the clubs reply to the FCC regarding restructuring so that those members who desire to do so may sign it. So come on out and enjoy the fun and you may also learn a few things about linear ICs also.

Talking to Dave, KØVBG recently reminded me of the VHF of 15 years ago here in the Iowa City area. Dave was one of the four or five stations active on 6 meters AM at 50.4 MHz. Other stations in the Cedar Rapids and Davenport area were also active on that frequency. This was in 1958 or 1959. Dave was one of the main supporters of VHF activity in this area. On one occasion he brought back 15 or so low band Motorola FM units from down south and got 7 or 8 stations in Iowa City active on 51.2 MHz FM along with stations in Cedar Rapids and Davenport. Even by stadards of those days, these FM units were old, most containing dynamotors etc. Activity continued on both AM and FM until 1966 or 1967 with many stations on 6 meters. The Iowa City club had an active TVI committee as TVI was almost guaranteed for the neighbor of the 6 meter VHFer on channel 2. Much time was devoted to the design of such things as high-pass filters. The typical 6 meter rig ran about 30 to 50 watts with good communications with many other areas in eastern Iowa. But TVI seemed to be the downfall of 6 meter activity in this area, even though the early 1960's presented many good F layer openings on 6 with 1000 to 2000 mile contacts common.

There was also some activity during this period in Iowa City on 2 meter AM and SSB. One of these early 2 meter hams was WØDEN who is still active on 2 meter SSB. So the next time you hear Dave, KØVBG on 2 FM, ask him about the good old days on 6 and his run-ins with the Tennessee Valley Indians.

73, Chuck

### \* \* \* S T R A Y \* \* \*

A warning has been issued by the Federal Communications Commission regarding some activities of what we hope is a small handful of amateurs. Amateurs operating illegally on class D CB had better beware -- those found violating the CB regulations will probably find their right to remain amateurs under con ideration along with their problems on CB. Several such cases are reportedly under investigation at this time.

in relationship licenses distribution of the classes a percentage of to how we as the amateurs in the United States some idea as also average in the incentive licensing and in both raw numbers should give you interesting given licenses among all to the national the state of

# THE UNITED STATES AS A WHOLE

Total	252,912		ήτ	Total	3799	
Military	586	0.2%		Military	5 3799	0.1%
Club	3,458	1.4%		Club	77	2.0%
Extra	14,278	2.6%		Extra	154	4.1%
	64,942 14,278		OWA	Advanced	196	25.4%
General	89,769	35.5%	THE STATE OF IOWA	General	1353	35.6%
Cond	29,352	11.6%	THE	Cond	1460	12.1%
Tech	53,074	21.0%		Tech	1480	12.63%
Novice	20,453	8.09%		Novice	306	8.05%

## The ICARC TRIP TO COLLINS RADIO

In place of the regular April meeting, about 35 members of the Iowa City club went to the Collins Radio facility for a tour of their famous radio station. The tour was arranged through the courtesy of Lew, WAØTFV and Ray Ragerro of Collins. Ray started the evening with a slide presentation and discussion of the history of the station and some of its very fine past acheivements. Ray also gave us a brief look at how the military communications networks are set up. Since it was evening and to dark to see them for real, he also included slides of the antemna farm which is located just north of the building in which the station is located. This includes a six-sided HF billboard, and a large assortment of log periodics. Ray also explained how the station in CR also has control over equipment and antennas in California and Dallas and at one time in places as remote as Ethiopia. After the slides, it was opened up to questions of which there were quite a few.

The group then moved to the actual station itself where we first got a look at the transmitting and receiving equipment. Of course it was an all Collins station. Included were 3 50 kilowatt Transmitters and a number of smaller units. In the station operations room we were shown how each piece of equipment can be controlled from each of the operating positions by the mere dialing of a telephone dial. One of our group had the pleasure of bringing up one of the transmitters (1KW naturally) on 3970 KHz and got a very strong report from a station in sou thern Iowa. We then saw how the station can 'talk to itself' with one CR operator transmitting and receiving on equipment in CR while the other is using the remote facilities in California, quite impressive! (continued on page 7 )

## COLLINS TRIP continued

Several of the group noted that it looked like a fine place to work the DX contests from. After a final look around the group adjourned to one of the local pubs for some suds with some of the CR group. A fine time was had by all and everyone agreed that it was well worth the drive to CR. A very special thanks to Lew And to Ray for the oportunity to see their facility at Collins Radio.

# \* \* \* S T R A Y \* \* \*

FOR SALE: Icom IC-22, brand new with many rocks including 28-88. See Steve KØSVW at 338-7255.

In an FCC news release dated February 27, 1975 it was noted that several hundred stations in the various radio services had actions pending against them for violations of one sort or another. Of that number about 75% were against stations in the Citizens Radio Service (CB) and most were charged with either failing to reply to official FCC notices or with failing to indentify their stations properly. Fines against many whose cases had been concluded ranged from \$25 up to \$400 with some loosing their license and many order to dispose of their equipment. Of the remaining 25%, Nearly all were concerned with stations in the ships radio service. ONLY 4 CASES involved stations in the amateur service. Two of these cases were involving the failure of the licennsee to reply to official communication. Just goes to show, you can't ignore them.

With field day coming soon, we note increased talk of secret weapons and tactics. Seems to us the team with the best plans and the one who is best prepared will win, eh?

# BRAINTEASER OF THE MONTH de WBØHOG

This puzzle is not difficult, but it will be found to be very entertaining to discover the simple rule for its solution. I have a cardboard box. The top has an area of 120 square inches, the side 96 square inches and the end 80 square inches. What are the exact dimensions of the box?

Answer will appear in next months RAG.

The answer to last months rather difficult puzzler is the following;

$$96\frac{2148}{537}$$
,  $96\frac{1752}{438}$ ,  $96\frac{1428}{357}$ ,  $94\frac{1578}{263}$ ,  $91\frac{7524}{836}$ ,  $91\frac{5823}{647}$ ,  $91\frac{5742}{638}$ ,  $82\frac{3546}{197}$ ,  $81\frac{7524}{396}$ ,  $81\frac{5643}{297}$ , and  $3\frac{69258}{714}$ .

### \* \* \* S T R A Y \* \* \*

Reports from reliable sunspot watchers indicate that we may have reached the bottom of the cycle and that the SSN (smoothed sunspot number) will remain steady at about 16 or 17 through March of 1976. At that time it is thought that we will begin the long climb back out of the valley of fustration. It has been so long that I have forgotten what 10 meter DX is!

Some DX notes: look for for Glorioso activity by FR7AI in late May or early June. The Radio Club of Barbadoes will activate St. Vincent on June 20 for a couple of days using VP2SPI. PY7YS is still planning to operate from Fernando de Norah in June or July. John, IU4EGE, says that starting the first week end in May and every weekend through July, LU1ZA (So Orkney), CE9AA (So Shetland) and LU1ZR, LU1ZS (Antartica) will be on 75 meters, Transmitting on 3740 and listening on 3775-3820 for stateside calls. This will be each Friday, Saturday, and Sunday 0300-0900 UTC.

### CONTEST CORNER de KØSVW

I would like to announce an upcoming 2 meter hidden transmitter hunt, sponsored by the ICARC. Jim, KØIEI and Ed, WBØOUP will be the 'foxes' and will call things together at 1400 local, Sunday, May 11 using the Iowa City repeater. They will then switch to 146.52 MHz simplex and the hunt will be on. There will be several changes from our previous format; 1) the starting place will be at West High School - all teams must assemble there 2) the boundry for the hunt has been extended to include both the cities of Iowa City and Coralville and 3) as an experiment we will ask all participants to calculate miles traveled, however the winner will be the team to first find the fox. The prize for this hunt will be a certificate. We again strongly urge 'veterans' to team up with newcomers or novices.

The Iowa City Amateur Radio Club worked all states contest is over and I received five sets of logs. Fred, WAØHFW rode his Swan line to victory with a total of 45 states worked during the 60 day period. A very close second was Mike, WNØNCX, who showed he is no novice when it comes to operating. He colected 43 states using low power in the novice bands. I was third with 42 states worked, the came Mike, WBØHOG followed by Craig, KØUJJ. Alaska was the only state to elude everyone. The comments were favorable and we will consider another similar test in the future. Fred will be receiving his new callbook for his efforts. Congratulations:

73, Steve

### \* \* \* S T R A Y \* \* \*

The DX-pedition planned for Spratly last month was called off at the last moment much to the disappointment of many. No official word from 1S5MC as to the reason, but one might speculate that the recent events in South Viet Nam may have had something to do with it. It may now be a long time before we hear that prefix or the XV prefix on the bands again.

With deep regret, Craig KØUJJ has accepted the resignation of the ICARC Secretary—Treasurer, Jacquie Belding, WNØLWX. We would like to aknowledge the very fine job she has done in the past 5 months, and express our gratitude to her for her efforts. Exercising his constitutional powers, Craig has appointed Ed Miltner, WBØOUP to fill the vacancy. This appointment must be confirmed by the membership at the May meeting, or an alternate candidated elected.

After Riding his Swan 270 to victory in the ICARC WAS contest, Fred WAØHFW, abandoned ship and unloaded the 270 at Dayton. It is rumored that his is awaiting the arrival of a new Kenwood TS520. Glad to see you have finally decided to buy some quality gear, Fred.

We would like to welcome a new voice on the Iowa City repeater, That being Dave, KØVBG. Dave is not new to either ham radio or the area, but has only recently become active again after a number of years QRT. Dave is the proud owner of a new Wilson handie-talkie. Dave lives in rural North Liberty and is employed by the U of I Physics dept as the manager of the tracking facility at North Liberty. Some of the OTs might remember Dave from the 6 meter days in Iowa City of some years ago.

The FCC has issued a report and order in Docket 20111 setting new rules effective May, 27. Briefly, Extra and Advanced holders will be eligible for special events calls with a term of 30 days for a fee of \$29 by letter application to Washington. Part 97 is being ammended.

de Steve KØSVW, Fred WAØHFW and Judy WNØ???

On April 25th, a group of Eastern Iowans departed for the 24th annual Dayton Hamvention. Our group left Iowa City at 0400 local and included the authors plus Lew, WAØTFV, Jack, WØPKH, and Gayle, KØFLY. Other local zeros who made the trip were Arnie, WØLIJ, Dave, KØPDA, from Collins in CR, and Dick KØZBQ and Clarence KØGFU both from Ottumwa. We ran accross Max WØLFF and Ester and Chuck KØOBU and Jody while at the hamvention.

We arrived in Dayton around 1300 (driving time of 9 hours - 480 miles) and cleaned up and participated in the first social hour and the brown 807's helped our

spirits.

Next we proceeded to the Hara Arena and the Hamvention itself. It is the product of the Dayton Amateur Radio Club and was first put on 24 years ago. It has the largest gathering of hams in the world and this year paid attendance was in excess of 10,000. The Hamvention is a unique blend of acres of flea-market, exhibitions by some 100 manufacturers, forums on various facets of amateur radio, a banquet, transmitter hunts and fellowship. The prizes were given away hourly and their combined total value was in excess of \$12,000.00.

There were visitors from far and wide; probably most of the states as well as Japan, Argentina, Mexico, Canada, Ecquador, England, Austalia, South Africa, Belgium, St. Piere Island, Alaska, and Hawaii among the

many.

Some of the dignitaries we noticed were; Harry Daniels W2TUK (president of ARRL), Prose Walker (head of the FCC Amateur Division), Lew McCoy W1ICP (of QST fame), Wayne Green (of 73 magazine), Jim Fisk (of Ham Radio magazine), Fred Lann LU5HFI (renowned DXer), Armi Meyers (former ambassador to Iran and Japan), and many SCM's, league division heads and etc.

Chuck and Fred both sold their Swan gear and Steve picked up a new 2 meter box, the Multi-2000 SSB, CW, and FM in one package. All in all it was a fantastic week-end and we encourage you to make plans for the next 25th aniversary edition of the Hamvention, April 23, 24, 25, 1976. See you there!

# SPECIAL: COMMEMORATIVE CALLSIGNS FOR THE USA 1976 BICENTENNIAL CELEBRATION

The FCC has authorized the use of special call signs by amateurs during the 1976 bicentennial year. Amatears desiring to do so may use these special calls interchangeably with their present call sign during the period beginning 0500 UTC Jan 1,1976 and ending 0500 UTC Jan 1, 1977. No prior approval from the Commission is required for any such use and the use of the bicentennial call signs is entirely voluntary. Use of the special call signs involves only the exchange of the existing prefixes with the specified prefixes in the block AA through AL in the contigous 48 states and the exchange of a prefix or prefix plus digit for those stations outside the contigous US. All existing suffixes remain unchanged. The table below showes the exchange plan:

WA	becomes	AA	кнб	becomes	AH6	WB6	becomes	AG3
WB	**	AB	KJ6	11	AJ6	WG6	11	AG5
W	- 11	AC	KL7	tt	AL7	WH6	tt	AHL
K	11	AD	KM6	11	AH7	WJ6	11	AJl
WD	"	AE	KP4	tt	AJ4	WL7	- 11	ALL
WR	tr	AF	KP6	11	AIØ	WM6	11	AH2
MM	11	AK	KS4		AH4	WP4	11	AJ8
KB6	- 11	AG2	KS6	11	AH3	WS6	11	AH5
KC4		AL4	KV4	- 11	AJ3	WV4	11	AJ2
KG6	11	AG6	KW6	tt .	AG7	WW6	11	AGL

For an example WB4XYZ would become AB4XYZ and station KP4XYZ would use AJ4XYZ. This ought to be very interesting in the WPX test next year, HI.

### \* \* \* S T R A Y \* \* \*

Special congratulations are extended to a new General Class in the area. Dennis WBØMCX was recently heared on the HF bands and when confronted with that fact, he had to admit that he received his general ticket. Super! Hats off to Dennis who has more stick-to-it than a lot of hams we know. Now, about that advanced test......

de WBØHOG

As per the requests of several members, I am publishing a current list of members in the Iowa City Amateur Radio Repeater Association. If you have any questions regarding this list, please get in touch with me. If your name is not on the list, maybe it is time to drag out that renewal notice and take some action on it, or for those who have never joined, perhaps it is time to consider doing so. I have membership applications and would be most happy to send one to you. I wish at this time, to give special thanks to one of our supporters who has been a member from the formation of the group and continues her support to this day, even though her voice has never been heard on the repeater. Many thanks to you Doris!

Name	Call			
Fred Regenitter	WAØHFW			
Dan Rosen	WBØMED			
John Aalto	WBØMPI			
Chuck Walker	коови			
Steve Towle	KØSVW			
Steve Otto	WBØKBA			
Paul Jagnow	KØRLT			
Dick Plummer	WAØVFP			
Mike Nowack	WBØHOG			
Al Braley	WØGET			
Gene Weiner	KØCKX			
Max Otto	WØLFF			
Glenn Johnson	WAØPUJ			
Doris Delaney	WNØKBD			
Craig Fastenow	кфијј			

Thanks to all of you for your support.

\* \* \* S T R A Y \* \* \*

FOR SALE: Drake equipment in mint condition, used under 100 hours, receiver alignment recently rechecked by the manufacturer.

1. SPR4 receiver with transceive adapter and NB

2. MS4 speaker

See Bob W6AWW/Ø eves

3. T4XB transmitter

at 354-2970

4. AC4 power supply

5. MN4 matching network

Tax to Kolum for this tid-bit. fields) of 2 x 10 ' newton for each meter of length. torce between the the two wires (due to the magnetic parattet wires spaced i meter apart, would produce a that current which, if maintained in each of two long ampere. Did you know that the ampere is defined as really know how they are defined. For instance, the Some times we throw electrical terms around and don't

\* \* \* X A A T Z \* \* \*

Sec-Treas, UIARC BITT CISADOOT MEDGEG

to come. Until then, 73 for the summer. students, faculty, staff, and visitors are welcome evening, August 28, 1975 at 7:00 pm. All interested Our Our first meeting next fall will be on Thursday.

planning a recruiting drive for next fall. made by those staying during the summer. We are also exhibit at registration next fall. Plans will be The club is planning to set up some kind of an .

4900 Engineering Building. in being our advisor, have him write the club at one knows of a faculty member who would be interested is not really interested in Amateur Radio. If anyyear since our present advisor (Proffessor Schweitzer) The club needs a faculty advisor for the coming

suferna connections in the shack, on the roof this summer, and also do some work on the next year. Hopefully, we will get the 2 meter antenna spont club activities for the summer and also for us, the charcoal was ready. After the meal, we talked Ten people came, and by the time everyone had round planning the menue. The picnic was very successiul. May 4, in City Park. Much of the meeting was spent Plans were made to hold a picnic on Sunday evening,

1975 in 4900 Engineering building. Five members came. its last meeting of the school year on Friday, May, 2, The University of Iowa Amateur Radio Club held

### \* \* \* \* \* \* S T R A Y \* \* \* \*

The Club is organizing a Brain Pool. There is a lot of brain power in our Club and the idea is to help those hams with problems outside their area of expertize. If you are an expert in some field, be sure to let us know. If you have a problem outside your area, let us know and we will route it to somebody who knows what he is saying. Questions of general interest will be published in the Rag with the name of the person who wrote the answer, but without who asked it.

There are rumors that the Club is preparing a class for ladies who want to obtain a technitians license and operate in 2-meter. This is a great oportunity to change your YL into XYL. The idea is directled to wives, but daughters and girl friends are acceptable substitutes.

EXTRA. Pattent has been applied for a new system of lock and chain. One end attaches to any make of 2-meter rig and the other end to any size of OM wrist. Don't worry, production is in high gear and they will be ready before your YL gets her ticket. For further information contact KØLUM.

The FCC Docket is out and the ham community is humming. This is a good time for novices and conditionals to get their General ticket. It is also a good time for everybody to advance their class and claim grand father privileges. The Club is ready to help. More details at the meeting.

From Mike, WNONCX we have the following informatio, which should help clear up some of the confusion generated by the recent FCC rule changes on this subject.

From Transmittal Sheet No. 5 to Volume VI of FCC Rules and Regulations, January 1972 Ed.

### LOGS

97.103 Station Log Requirements.

An accurate legible account of station operation shall be entered into a log for each amateur radio station. The following items shall be entered as a minimum:

(a) the call sign of the station, the signature of the station licensee, or a photo copy of the station license.

- (b) the locations and dates upon which fixed operation of the station was initiated and terminated. If applicable, the location and dates upon which portable operation was initiated and terminated at each location.
- (1) the date and time periods the duty control operator for the station was other than the station licensee, and the signature and primary station call sign of that duty control operator.
- (2) a notation of third party traffic sent or received, including names of all third parties and a brief description of the traffic content. This entry may be in a form other than written, but one that can be readily transcribed by the licensee into written form.
- (3) upon direction of the Commission, additional information as directed shall be recorded in the station log.

# HOW TO CATCH A CB BOOTLEGGER or TRANSMITTER HUNTING FOR REAL BY MOONSHINE

Late one Sunday evening, K9VWJ was testing his rig on AFAR, the Aurora, Ill. repeater, when an unindentified station asked for a signal report. Asked to indentify, the station replied seriously that he was 'Pancake'. Thus began one of the most unusual episodes ever heard on amateur radio.

It was suspected, and later confirmed, that 'Pancake' had a radio recently stolen from an AFAR member, and the only way ro get the radio back was to keep him on the air until he could be found.

So AFAR was turned into the first CB repeater, as the hams dropped their legitimate calls and adopted 27 MHz 'handles' like Red Baron, Aurora Jeep, and Little Red Pinto, peppered their language with plenty of 10-4's and 'how bout its' and actually convinced the CBer that he was on the new 220 MHz FM CB band.

Meanwhile, several mobiles began a hastily convened a fox hunt on the input frequency, while everyone else attempted to keep 'Pancake' on the air. Hunt coordination was done on .34, the NIARC repeater and a commercial channel.

For nearly two hours, not one amateur call was heard on the repeater, except for the voice ID, which, according to one quick-thinking ham was his wife reminding him of how late it was getting. (AFAR has a 10 minute time ID, which was turned off shortly after the action began.)

Remarkably cool heads prevailed and nobody spouted off about how this was illegal or what the heck is going on, etc., which obviously would have tipped off 'Pancake' that something was fishy.

What began as a comedy became a drama, as the mobiles began closing in on 'Pancake'. His power supply was getting hot, and he wanted to sign off before it burned up, but the hunters were still several miles away. Back on the repeater, the hams racked their brains to keep 'Pancake' on the air, and every time he tried to go, someone would break in and ask him a question to keep him on longer.

Finally, tho, he was gone. The CB activity was kept up a few minutes longer in hope that he would return, until one of the mobiles announced that 'Pancake' had

(continued page 18)

been found. In fact, his last transmission had been made with a car load of amateurs standing on his front lawn, with their DF loops pointing directly at his 27 MHz antenna!

The Elmhurst police were called and convinced that that a stolen radio was in the house. ("No, we haven't actually seen it, officer, but we know it is in there.")

The District Attourney made out a search warrant and a judge was awakened in the middle of the night to sign it. With the first rays of morning, the police entered the house, arrested 'Pancake', and recovered the stolen radio.

--From 'Squelch Tale', Chicago, courtessy KØLUM.

### \* \* \* S T R A Y \* \* \*

Don't forget to read your copy of the proposed new ICARC constitution, and be ready to have a short discussion on it at the May meeting. A proposal will then be made to adopt it and greatly simplify the framework under which the club and its members operate.

-...

A DX note; despite recent and persistant rumors, there is no known forthcoming activity from Cliperton. The French government remains very secrative about the island even though there is no super secret activity going on there as the French would like us to beleive. A fishing vessel recently stopped at the remote island and found absolutely no signs of life. The few remaining huts were in a shambles and the ship beached on the island in WWII was rusted in half. No one seems to know why the French officials keep the cloaks on operations there, but it does not look promising for the near future.