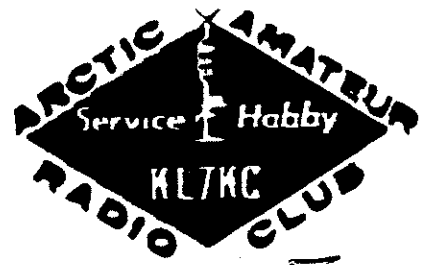


Short Circuit



June, 1987

President - Bill Connor, AL7FQ
Vice Pres - Kurt Torgerson, NL7GW
Treasurer - Jim Gilmore, KL7SW
Secretary - Lewis Overton, NOSN

CANCELLED

NO FAIR BOOTH THIS YEAR

Kurt Torgerson announced that the AARC would not sponsor a booth at the Tanana Valley Fair in August this summer. The charge for a booth is \$325 this year, and the club treasury cannot support the fee.

Last year there was no charge for the booth since the AARC is a non-profit organization.

NO FAIR BOOTH THIS YEAR

PICNIC PICNIC PICNIC PICNIC PICNIC PICNIC PICNIC PICNIC PICNIC

The AARC Picnic will be on Saturday, August 1, at the Chena Lakes Recreation Area. Jim Dixon, NL7HI is in charge.

PICNIC PICNIC PICNIC PICNIC PICNIC PICNIC PICNIC PICNIC PICNIC

APPROVED

SHORT CIRCUIT SPARKS THEM AGAIN

Short Circuit has been awarded an Excellent rating in the newsletter contest sponsored by the Amateur Radio News Service Bulletin.

ATTENTION



FOR SALE MFJ (Iambic plus oscillator) bug with A/C voltage adapter. Cost is \$90. Contact Len Betts WL7BNC/KT at 372-2166.

New Novice--Bob Safford--WL7BON

New Technicians

Christine Betts--no license

Leonard Betts--WL7BNC

Robert B. Harte--WL7BEF

Dennis Stephens--WL7AEI

Karin Weflen--WL7APP

The Yukon 800 will be run this year on Saturday and Sunday, June 20 and 21. Jim Dixon is coordinator of this event.

GOLDEN DAYS ARRIVES IN FAIRBANKS

The Golden Days Parade is Saturday, July 25. The route goes from Fort Wainwright to Alaskaland and avoids the street excavation in the downtown area. Kurt Torgerson is coordinating the communications for this event.

IMPORTANT

URGENT

HELP THE BIKERS===HELP THE BIKERS===HELP THE BIKERS===HELP

The local bike racing club is sponsoring a race on Saturday and Sunday June 13 and 14 from 8 am to noon each day. Communications volunteers are needed starting about 7 am. Contact Kurt Torgerson. The route goes from the Old Steese to Farmers Loop, McGrath Rd. and back to the Old Steese.

GO WITH THE BIKERS AND SEE THE WORLD FROM THE GROUND UP

Brian J. Anderson, NL7JB, is a new club member based in Ruby.

SPECIAL EVENT POSSIBLE FOR AARC

During the week of January 2-8, 1988, Alaskan radio clubs have the opportunity to set up and operate a special event station to celebrate the Bicentennial of the US Constitution. Full information will be in the September QST. Or call your newsletter editor for data. Below is part of the letter sent to the club announcing the event.

League HQ will be sponsoring a celebration of the Bicentennial of the U.S. Constitution by offering a special "We the People" W.A.S. award for operators contacting stations using the Bicentennial prefix. Club sponsored special event stations will have a different prefix than independent stations operating in the event. The enclosed calendar for special event stations will let you plan what time frame your state will be eligible to put the Bicentennial prefix on-the-air. Each state will have one week--as close as possible to the date of entry into the Union. ARRL-affiliated clubs are required to register their special event callsigns with League HQ so we'll know what clubs plan to put a special event station on-the-air. A club special event registration form is enclosed with this Bicentennial package.

Operating a special event station is only one aspect of the celebration. Your club might also want to send a message through NTS signifying that all club members have read and ratified the Constitution. You could use a special ARRL-message number like "200." Pocket-sized Constitutions (up to 50) and a 1987 calendar are free upon request from the Commission on the Bicentennial of the United States Constitution.

RATE AND POWER INCREASES ANNOUNCED BY ALASCOM

Jerry Curry received a letter from Alascom dated May 20 announcing rate increases. Below is an excerpt from the letter.

This is to notify you that effective January 1, 1988, the rates for space and power being provided to the Arctic Amateur Radio Club at Alascom's Byers Creek, Paxson, and Tolsona Operations Sites will increase to \$123.00 per month, recurring, at each site, for a total monthly recurring charge (at all three sites) of \$369.00. The charges for space and power at Alascom's Donnelly Dome AIMS Site, if you wish to proceed, will be \$158.00 permonth, from the effective date of the agreement forward.

AARC abandons some sites--will negotiate on Byers Creek

Jerry has announced that the club will cease using the Alascom sites at Paxson and Tolsona and will not locate equipment at Donnelly Dome. He is trying to negotiate an agreement with Alascom for a rate of approximately \$30 per month at Byers Creek. Such a rate will require some rearrangement of equipment and electrical connections.

A short paragraph in the May bulletin of the Juneau Amateur Radio Club caught the eye of your editor. KL7KE says so well what many people think. So here is a thought for many of us.

HOW TO GET VOLUNTEER HELP

Getting volunteers to help with public service activities and work parties is our group's biggest headache. Making announcement on the repeaters, at meetings and in the bulletin seem to produce so few volunteers as to be discouraging. WHY?

PEOPLE LIKE TO BE ASKED. Two years ago, when I was getting people for Ski-to Sea communications, I had no trouble. What did I do? About ten days before the event, I got out the phone list and started calling, club members, non-members and new hams, anybody I thought might be willing to help. I explained what we were trying to do and how they could be useful. Of twelve people I called, only one turned me down. That person would be out of town. So if you need help, ASK PEOPLE.

Regarding the Valley repeater project, at the October meeting, one long time club member said, "If I can be of any help, just ask." So far as I know, he was never asked to help.

I repeat, PEOPLE LIKE TO BE ASKED.

de KL7KE

F O R S A L E
R E P E A T E R S

VHF 2 METERS : Motorola MICOR 100 Watt Continuous Duty PA, MODEL# C73RCB1106C-SP11
147.690 RCV. Dual Voltage Power Supply(TPA-1096A-SP4) 120 VAC or -24 VDC input.
147.090 TX. WACOM WP-639B Bandpass-Bandreject Duplexer.
TELEWAVE T-2200 Single Isolater.
RACOM 1400-RX Morse Code Station Identifier. (Call Sign is Field Programmable with Dip and Rotary Switches.)
All of the above contained in a Micor 43" cabinet.(Except Duplexer)

UHF 70 CM : Aerotron MPAC 90 Watt Continuous Duty PA, MODEL# MC1X8BBRS1U
449.100 RCV. Serial# 10050541 ,with additional channel elements for 449.700RCV.
444.100 TX. and 444.700 TX.
CTCSS ("PL")= CTCSS SUB-AUDIBLE ENCODER/DECODER
100.OHZ(1Z) SINCLAIR MODEL R-313C 6 cavity duplexer
SECURITRON Morse Code Identifier (Call Sign ROM is \$12 Factory Direct)
AEROTRON Local hand microphone.
LUNAR Electronics PAG-432 GasFET Preamplifier
WACOM WP-470-1 Single Bandpass Cavity (Tuned to 449.100 after preamp.)
TELEWAVE T-2000 Single Isolater (Tuned to 444.100)
Simpson 0-50 DC Ammeter (Added behind blank panel to monitor PA current.
The entire UHF repeater system self contained in 44" AEROTRON cabinet.

The above repeaters are in operation at this time. They are sponsored by the JALCO Repeater Group, Anchorage, Alaska. The group has decided to focus all its attention on their 220 Mhz repeater system.

CONTACT:

AL FROMM AL7C or JAN FROMM AL7FH
P.O. BOX 101253 , ANCHORAGE, AK 99510
TELEPHONE# (907) 345-7670



AIR FORCE ASSOCIATION

MIDNIGHT SUN CHAPTER #362

P.O. Box 1644, Fairbanks, Alaska 99707

29 April 1987

Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, DC 20554

In the Matter of

Amendment of Part 2
of the Commission's Rules
Regarding the Allocation
of the 216-225 MHz Band

General Docket No. 87-14

RM-4829 RM-4831
RM-4983

Comments of the Air Force Association, Chapter #362:

The staff and members of this organization wish to register their opposition to the proposed removal of 220 - 222 MHz from public Amateur Radio service and its addition to commercial Land Mobile operations. In the long record of public service Amateur Radio has provided to this nation there have been numerous occasions when all modes of operations on all available frequencies were needed to effectively communicate during major disasters. Specifically in Alaska we have experienced severe earthquakes, volcanic eruptions, and extreme winter storms during which only amateur radio provided essential communications with the outside world.

At present there is a maximum effort being made by Amateur Radio operators in both the civilian and military communities around Alaska to link the remote and isolated portions of this state with the population centers by means of digital packet telecommunications devices. Indeed Interior Alaska is nationally recognized as being on the forefront of packet technology and digital communications design. With the advent of the Novice Enhancement program and the accompanying expansion of voice repeaters in the upper portions of the 220 MHz band, the usage of the 220 - 222 MHz portion for packet digitizing and weak signal tracking has become essential. The Amateur Radio operators in our search and rescue organizations - both Civil Air Patrol and regular Air Force - are very concerned about the potential loss of the frequency spectrum needed for Alaska statewide emergency digital communications via Amateur Radio channels.

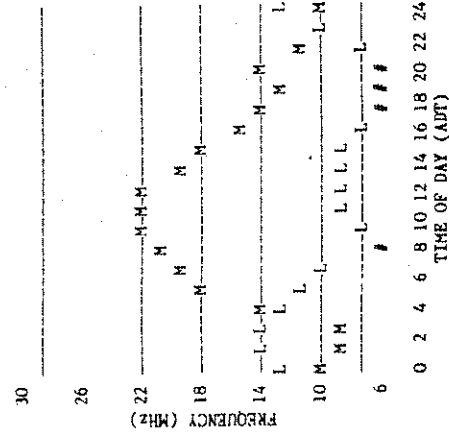
Your reconsideration on this proposed action is appreciated, and its deletion as a proposal will greatly enhance the frequency spectrum Amateur Radio needs to accomplish its public service goals.

STEPHEN A. THOMAS
President

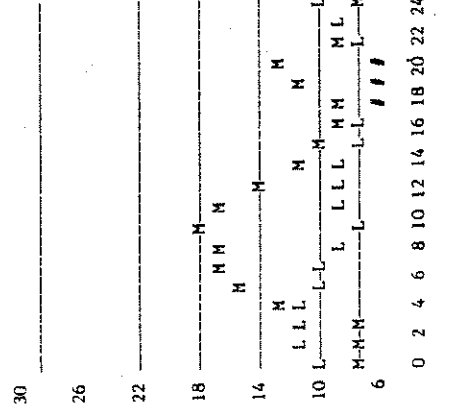
CRAIG V. BLEDSOE
Secretary/Treasurer
K4TXK/KL7

PROPAGATION FORECAST FOR JUNE 1987
Prepared by Rod Combellick, RL7JJA

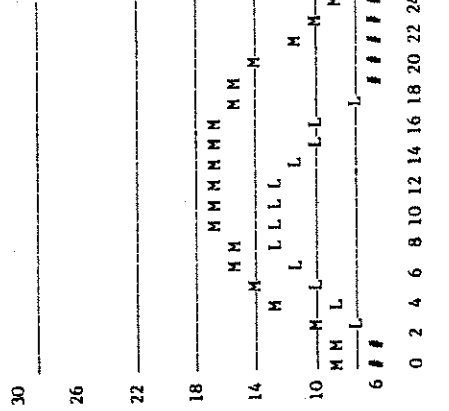
FAIRBANKS TO CENTRAL AFRICA
TO: 9Q
10 DEGREES & 8273 MILES
DATE: 6-11 TIME: ADT
FLUX: 85 PLOT: MUF



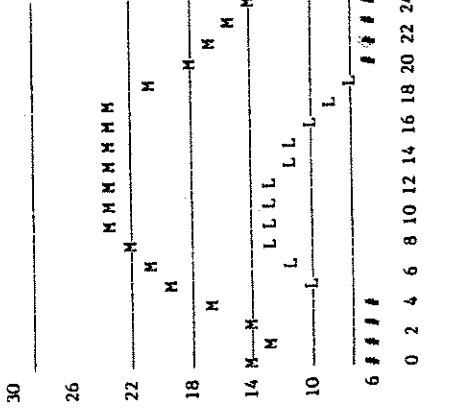
FAIRBANKS TO EUROPE
TO: OE
12 DEGREES & 4590 MILES
DATE: 6-11 TIME: ADT
FLUX: 85 PLOT: MUF



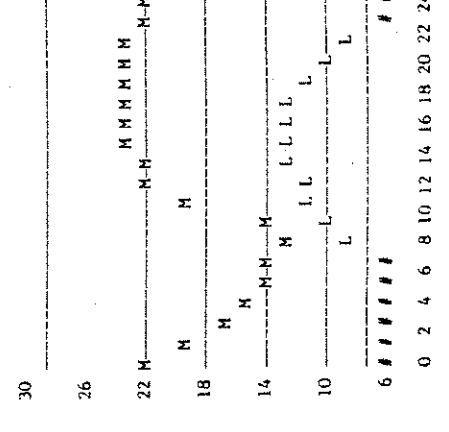
FAIRBANKS TO EASTERN U.S.
TO: W3
87 DEGREES & 3271 MILES
DATE: 6-11 TIME: ADT
FLUX: 85 PLOT: MUF



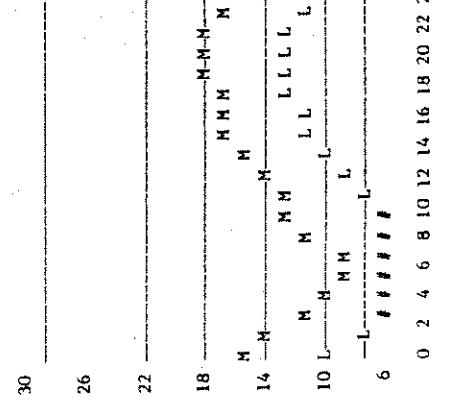
FAIRBANKS TO SOUTH AMERICA
TO: CP
106 DEGREES & 6988 MILES
DATE: 6-11 TIME: ADT
FLUX: 85 PLOT: MUF



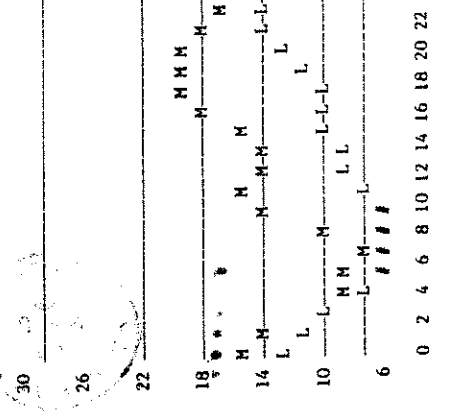
FAIRBANKS TO SOUTH PACIFIC
TO: 30Z
212 DEGREES & 5930 MILES
DATE: 6-11 TIME: ADT
FLUX: 85 PLOT: MUF



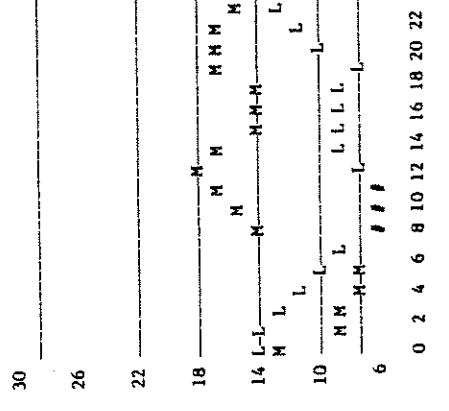
FAIRBANKS TO EASTERN ASIA
TO: RM
284 DEGREES & 3736 MILES
DATE: 6-11 TIME: ADT
FLUX: 85 PLOT: MUF



FAIRBANKS TO CENTRAL ASIA
TO: 9N
314 DEGREES & 5422 MILES
DATE: 6-11 TIME: ADT
FLUX: 85 PLOT: MUF



FAIRBANKS TO MIDDLE EAST
TO: HZ
348 DEGREES & 6255 MILES
DATE: 6-11 TIME: ADT
FLUX: 85 PLOT: MUF



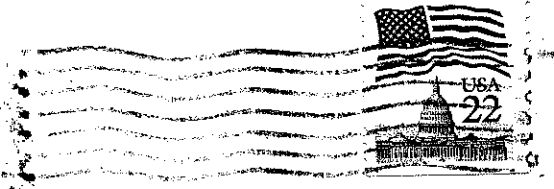
27-day solar-flux forecast of May 26, NOAA Space Environment Laboratory:
Minimum S.F. = 75, May 30 Maximum S.F. = 95, June 16
Average forecast S.F. = 85, June 11 (basis for plots)*

M = Maximum Usable Frequency (MUF) -- frequency at which a signal will propagate at least 50 percent of the time under 'normal' conditions.
L = Lowest Usable Frequency (LUF) -- lowest frequency that will support propagation along the path. Path is closed if L is higher than M.
= MUF or LUF off scale.

Geomagnetic Activity Range	Geomagnetic Level A*	AK**	Expected Propagation
Quiet	0-2	0-9	Above normal
Unsettled	2-3	7-15	Normal to high
Active	3-4	15-30	Normal to low
Minor storm	4-5	30-50	Below normal
Major storm	5+	50+	Poor

*Obtain actual daily readings of flux, A and K indices from WWV at 18 past the hour. If actual flux is higher than 85, then MUF is higher than forecast.
**Obtain actual daily readings of AK index from 552-239R in Anchorage (recording).

Arctic Amateur Radio Club
PO Box 83231
Fairbanks, AK 99708



9/30/87

Joe Voelkelt
Box 82443
Fairbanks, AK

99708