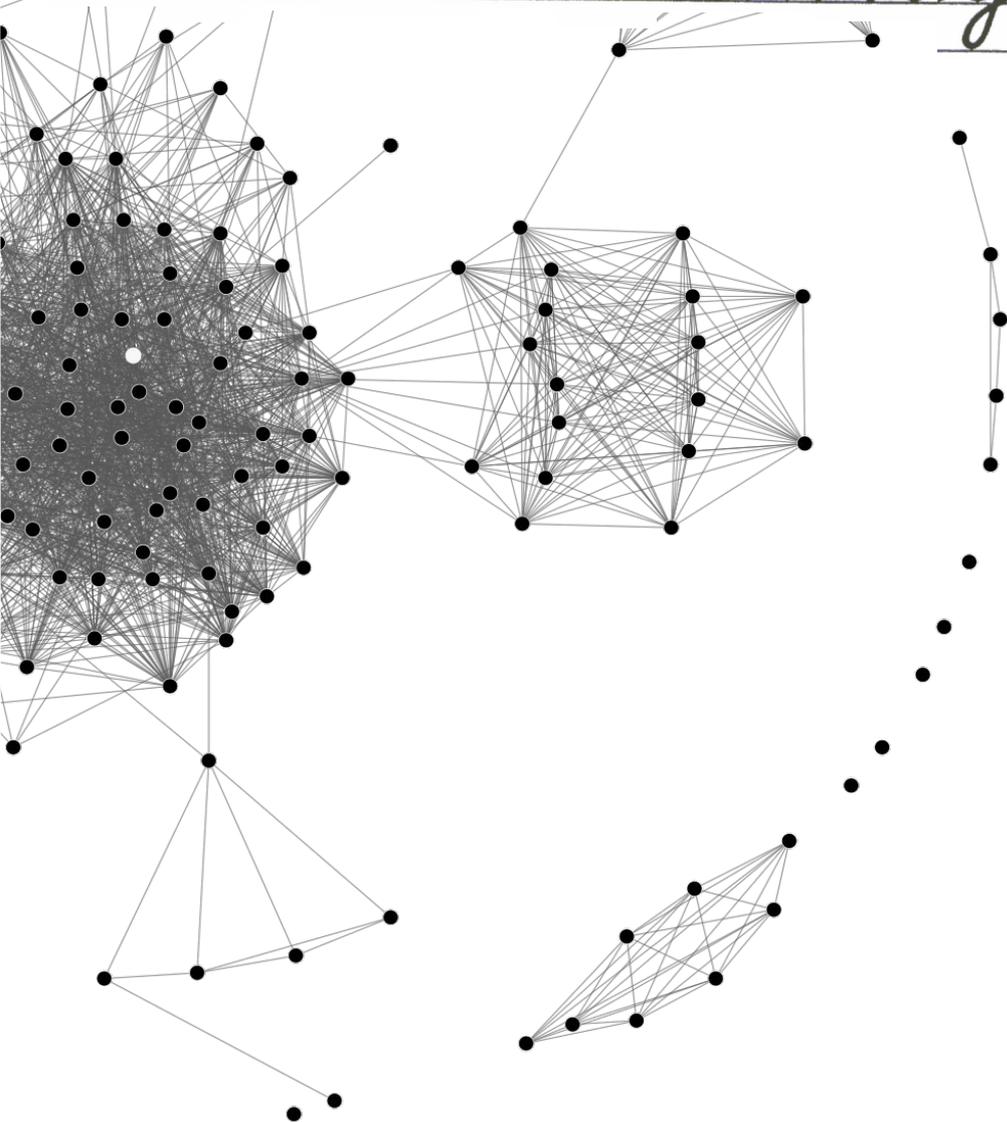


Differ
Networking



HERE

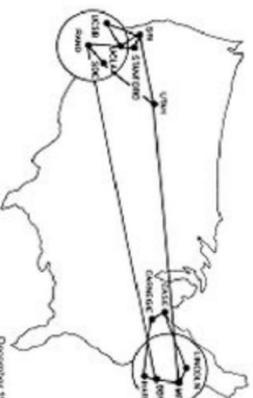
Dec 1969



December 1969

We Got

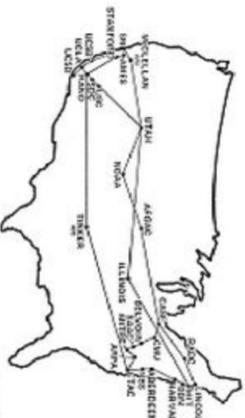
Dec 1970



December 1970

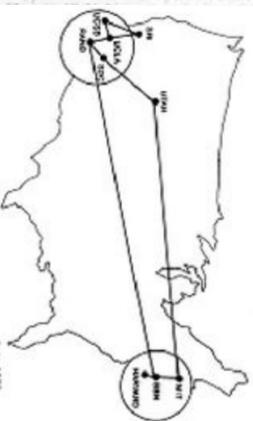
Now

Aug 1972



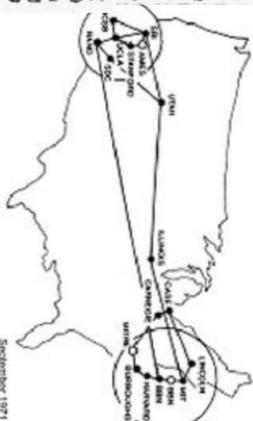
August 1972

Advanced Research projects Agency network



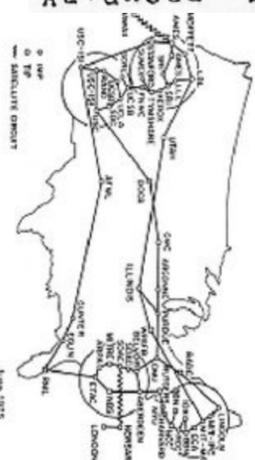
June 1970

June 1970



September 1971

Sept 1971

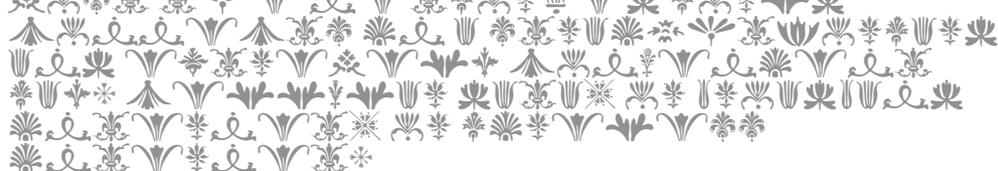


June 1975

June 1975

most the networked world connects in a straightforward and extremely convenient way.

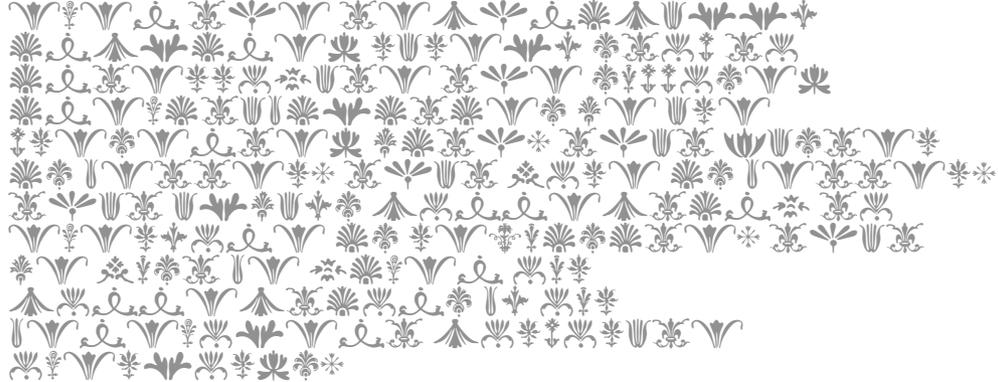
cellular data, or broadband internet, or wireless internet.



the technically disinclined don't often stop to think about alternatives. the technically disinclined have been conditioned to accept the networks they are given. the technically disinclined have been taught that they are not smart enough to participate in the conversation



even the technically inclined rarely stop to interrogate the supposed inevitabilities we are presented with. that faster is better. that more is better. that always connecting to everyone is requisite. that we must be given our connections by our benevolent corporate overlords.



ARPANET
MARCH 1972



*selecting to de
convenience and re
focus on hyper-localized or micro
networking for the bulk of
communications is an alternative.*

ON THE APPEAL

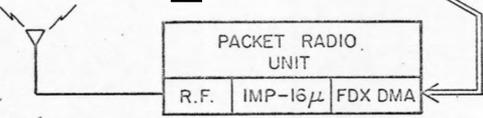
of

RETRO&ABANDON

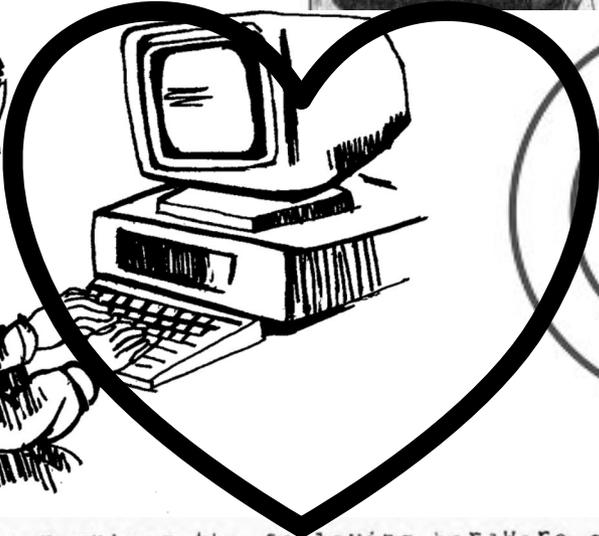
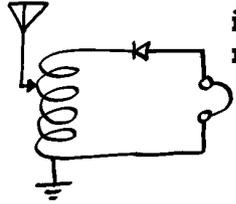
NED TECH:

**WE HAVE ALL
THIS SHIT > IT
STILL
WORKS > WE
SHOULD DO
SOMETHING
WITH IT**

<packet radio



is internet over radio.



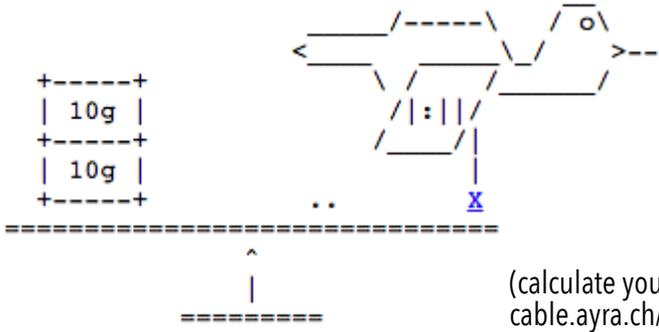
The station requires the following hardware components:

- PDP-11/40 central processor with:
 - 64 K words core memory with parity
 - KE11-E extended instruction set
 - KT11-D memory management
 - KW11-P programmable clock
- IMP11-A APRANET interface (2, one to PR, one to ARPANET)
- Packet Radio Unit
- terminal, preferably hard copy and at least 300 baud



Unusually the finest Transmitter/Receiver installation available to the amateur radio man at such a low price. As described and recommended for amateur use in Practical Wireless, and now extensively operated throughout the world.

Weighted fair queueing (WFQ) MAY be implemented using scales, as shown:



(calculate your IPoAC payload: cable.ayra.ch/pigeon/)

THE IPOAC HAS PROVEN FASTER THAN STANDARD INTERNET TRANSMISSION ON MULTIPLE OCCASIONS. BUT SNEAKERNETS OF ALL KINDS ARE REGULARLY FASTER FOR LARGE DATA TRANSFERS. AN INCOMPLETE LIST:

Data from remote telescopes in Puerto Rico used for SETI

Internet packet distribution in Cuba, South Africa, other remote/poorly connected/Govt. censored areas

Dataset from Hubble telescope

Dataset for black hole images

Latency is not always an issue. Analyze your needs. Send it slower.



SNEAKERNET: Physical transfer of data from one device to another.

tape drives, floppy disks, cassettes, hard drives, sd cards

How to transfer : INFORMATION: Without an Internet Connection...

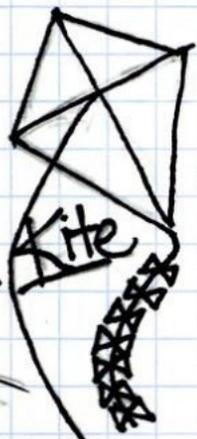


walk it next door...

shared safety deposit box



carrier pigeon!
or squirrel?



SNAIL MAIL



message in a bottle

vacuum tubes!

CHRISTMAS LITES + MALIK MARKER

inside an extremely

apocryphal RUBIK'S CUBE

USB sticks swapped in



secret code and meetings

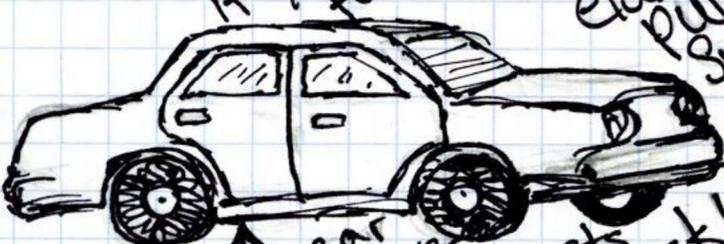
by plane (or BIPLANE...)

RADIO NUMBERS STATION!

HAVE A CONVERSATION

Slingshot (or catapult if you're fancy!)

elaborate pulley system



in a car full of drives in your pockets or your pack!

paper airplane!!!

on a train

PASSING NOTES IN CLASS

cats with zippers on their collars

trained rats!

Thank you: SARAH, ALISHA, AMY, CORINA

MEGA65

MEGA=65

a modernized, modular 8bit computer based on the commodore64. being used in part to develop a truly secure mobile device



SERVALMESH

a mesh networking protocol for making use of android compatible mobile devices in de-networked environments

dominic tarr's secure scuttlebutt

community forward
communication forward
distributed social
networking



indieweb



INDIEWEBCAMP

it's what it sounds like.

^^^^^^^^^SOME PRACTICALISH ^^^^^^^
MODERNISH TOOLS FOR DIFFERNETWORKS

A VOLUNTARY
DE-CONVENIENCE
FROM
LIBI ROSE STRIEGL

