



AUTOMATIC PACKET REPORTING SYSTEM (APRS)

Mike Heskett

WB5QLD

Texas Packet Radio Society

n *TPRS Booth*

n *TPRS Hospitality Suite*

- *Digital Thirst-Aid*
- *5 PM Marriott Rm 306*



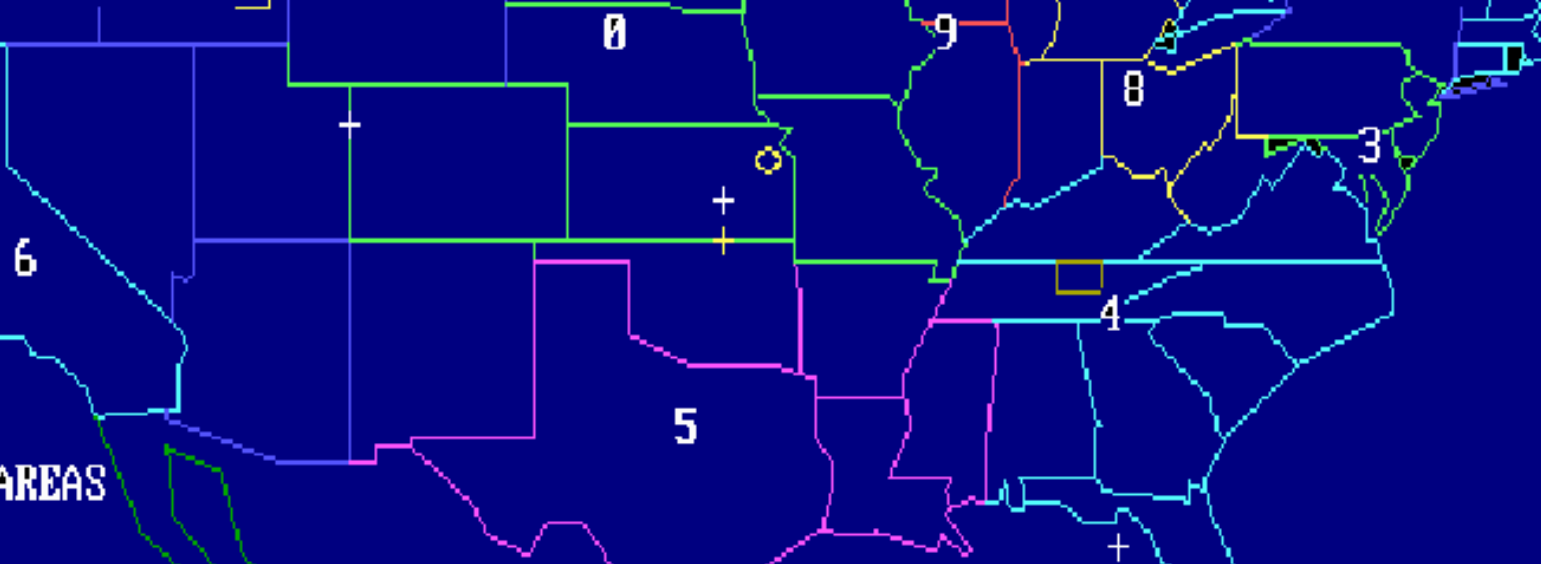
“Today’s sermon deals with modern society’s short attention span. The end.”

Rng1024 Nmiles
Lat 39 03.38N
Lon 095 33.64W

At 1918 ing USA.map

VE6 VE5 VE4 VE3 VE2

Best MAP!



CALL-AREAS

XE-XP

!<-- 1024 Statute Mi -->!

Track Memory is 0 % full.

AGENDA

- n *What is APRS?*
- n *How can it be used?*
- n *Supported Platforms*
- n *How to get it*
- n *How to get more info*
- n *Demonstrations*
- n *Questions*

What is APRS?

- n Unlike other Packet programs*
- n Reporting System*
- n Uses Unnumbered Information (UI)*
- n Station/Position/Object Reports*
- n One-line Messages*

What is APRS

n Types of APRS Stations

- *Typical Home Config*
- *Mobile Trackers*
 - *Full Tracker*
 - *Stand-alone Tracker*

How can APRS be used? (Applications)

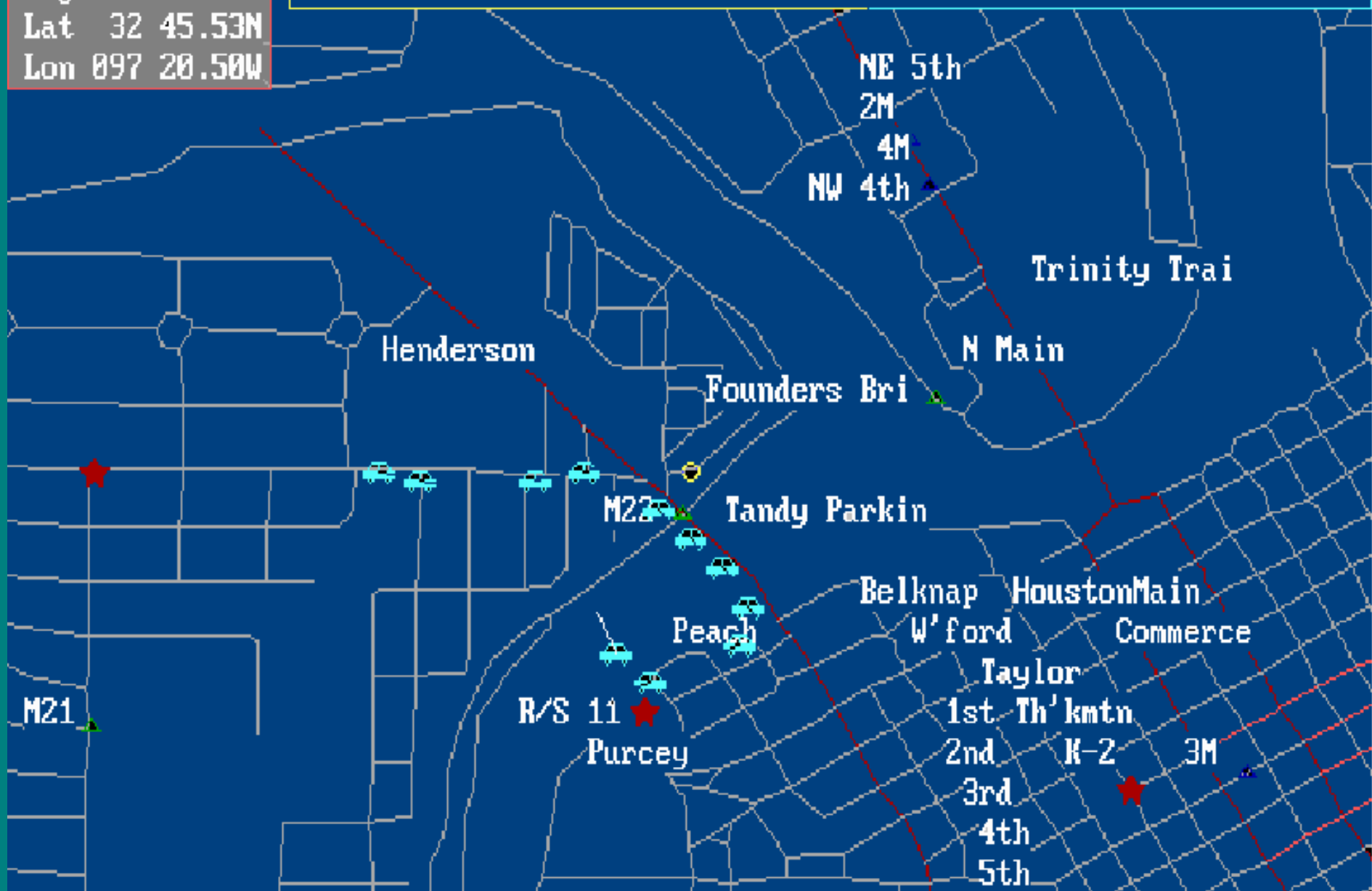
- n Public Service Events*
- n Space Applications*
- n DX Cluster*



Rng .5 Nmiles
Lat 32 45.53N
Lon 097 20.50W

Features OFF = C

PAUSE! Hit (P) to continue



REPLAY CMDS: PgUp/Dn, HOME, Dots, Calls, Grid, Fast, Med, Slow, Pause, Quit

AA5YF-9 241401 0242001z3245.34N/09720.60W>332/004/raw*/good RMC Fix

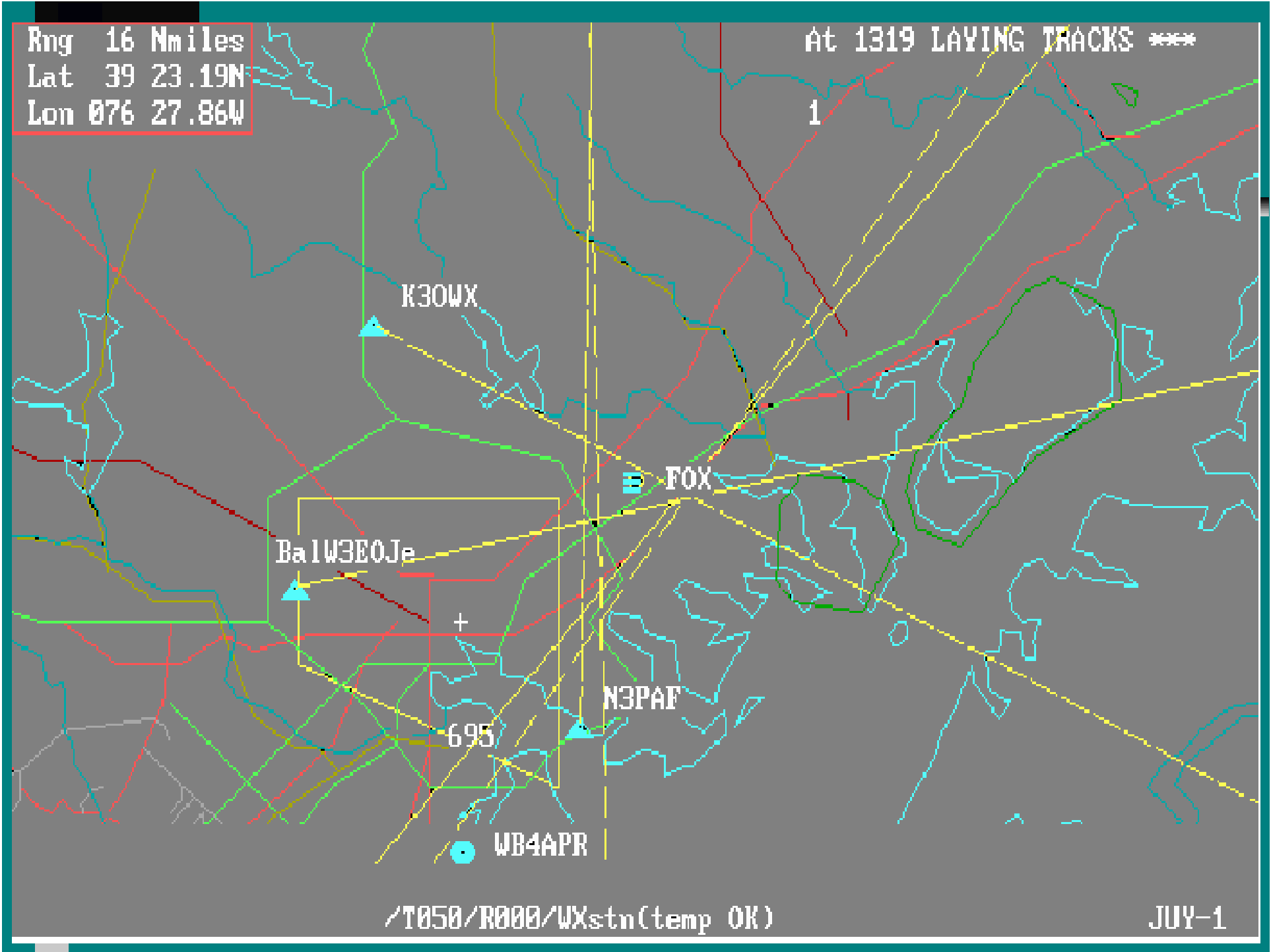
How can APRS be used?

(Applications)

- n Weather Station Reporting*
- n SKYWARN*
- n Stolen Vehicle Locator*
- n Direction Finding*

Rng 16 Nmiles
Lat 39 23.19N
Lon 076 27.86W

At 1319 LAYING TRACKS



/T050/R000/WXstn(temp OK)

JULY-1

How can APRS be used?

n Frequency

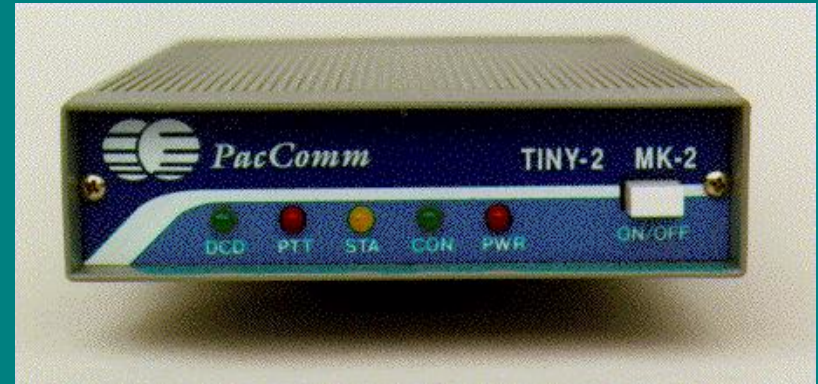
n Digipeaters

- *RELAY*
- *WIDE*

n Gateways

How can APRS be used?

- n TNC
- n GPS



Supported Platforms



n *DOS*

n *MAC*

n *WINDOWS*

How to get APRS

n Internet

- *WWW* *http://www.tapr.org/*
- *FTP* *ftp://ftp.tapr.org/tapr/SIG/
aprssig*

n Landline BBS

- *Dallas Remote Imaging Group
(214) 492-7057*
- *others*

How to get more info

n Subscribe to APRSSIG mailserver

- *www.tapr.org*

*n Get APRS and READ , READ, READ
the DOC files*

n E-Mail

- *mheskett@startext.net*
- *WB5QLD @ W05H*

Demonstrations

- n* *Cowtown Marathon 1996 Lead and Trail vehicles*
- n* *Direction Finding*
- n* *Others*

Summary

- n "Real" applications*
- n Fun*
- n More APRS stations needed*
- n HF Gateway (1) needed for DFW*

Questions

n

?

Next Speaker

n *9600 Baud*

n *Tom McDermott*