

Parachute Mobile Communications Diagram

Mission 14 cocurrent with Radiofest 2013

www.radiofest.org
www.parachutemobile.org



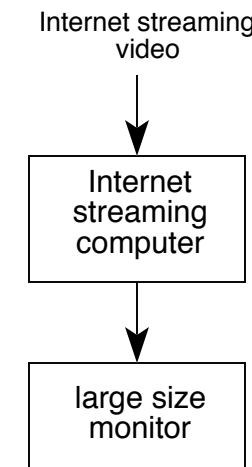
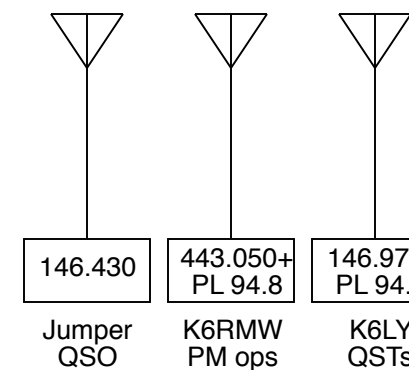
Voice Comms: 146.430 MHz
Jumper Mon: 446.075 MHz receive only
APRS telemetry: 144.330 (144.390 alt) MHz
Video: 2.4 GHz
aprs.fi data either AF6IM or KF6WRW

NOTES:

- Jumper QSO: Direct voice contact with skydiver
 - Jumper Mon: Skydiver receiving updates from Tac Ops (winds, traffic)
 - Repeater talkback: Used for comms between Marina Airport and Radiofest site.
 - Air-to-Ground video: Video ATV transmission from jumper
 - Landing Zone video: 1.2GHz for camera at LZ area of airport for video back to Ops area
 - Roving video (maybe): Mobile (foot) ATV on 421 MHz video back to Ops area
 - APRS telemetry: Jumper lat/long/altitude and biometrics data to ground
 - Amateur TV feed to K6BEN on Loma: 1.255 GHz uplink, 427 MHz downlink
- APRS frequency planned is 144.330 MHz or 144.390 as alternate.

Radiofest at Moose Lodge

Parachute Control

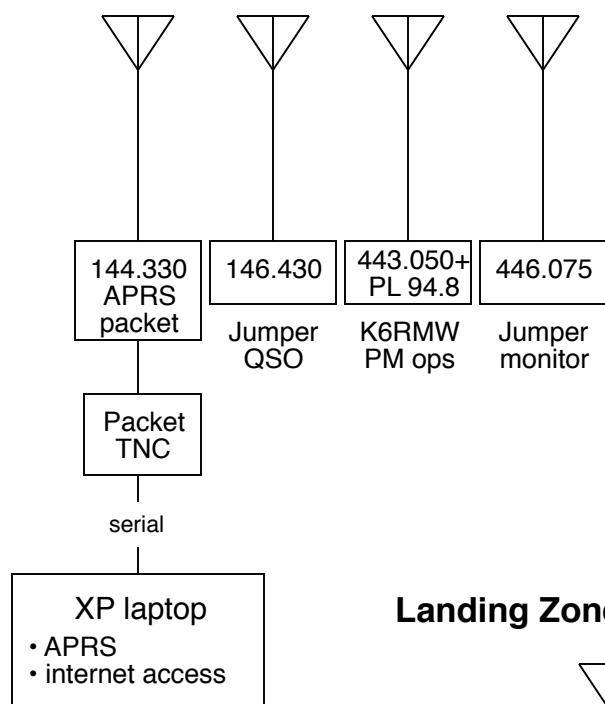


Video to Radiofest will be sent streaming via ustream.tv/channel/mfwright

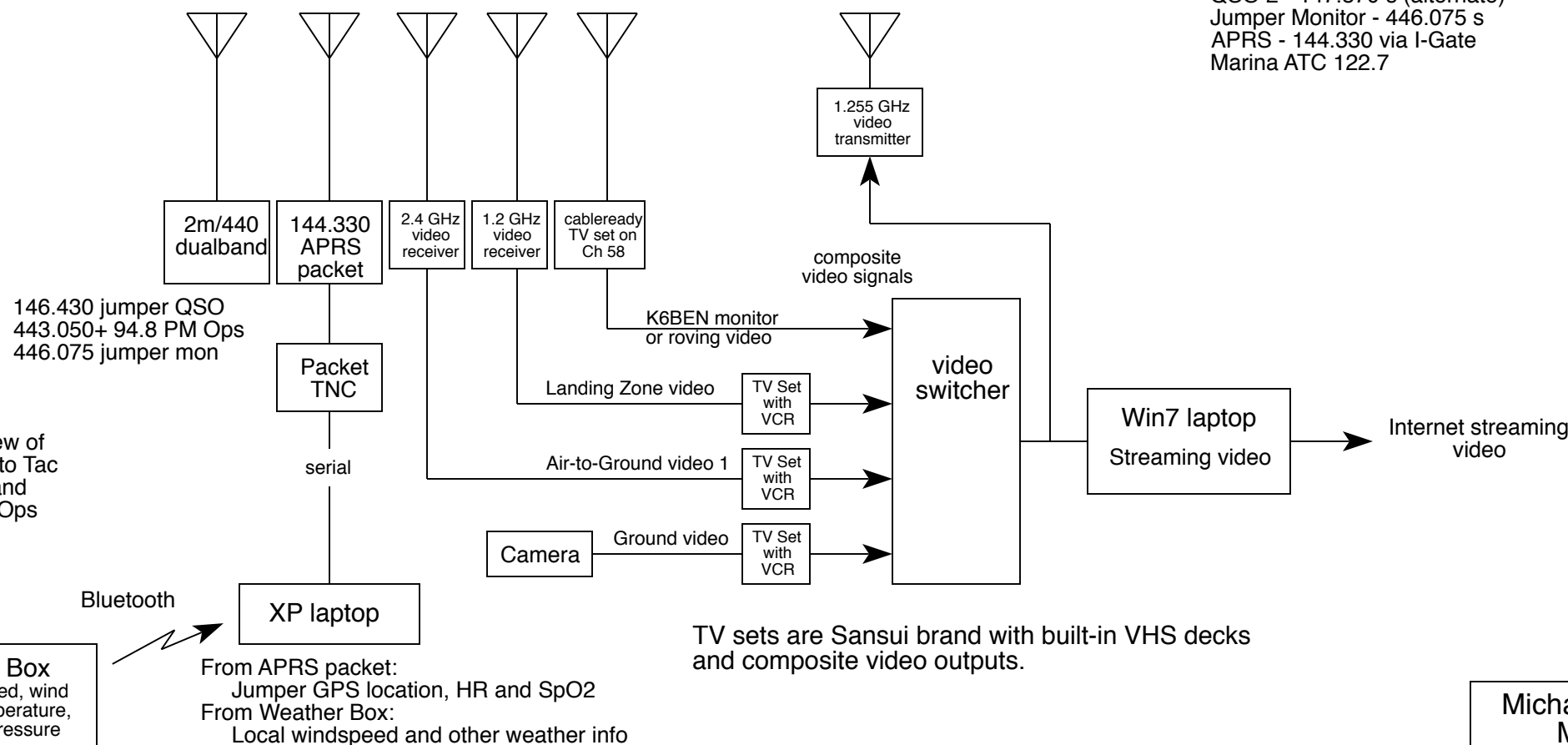
Radiofest Talk-In/QSTs 147.970- 94.8 (K6YL)
Additional QST 146.640- 162.2 (WR6ABD)
PM Ops 443.050+ 94.8 (K6RMW)
QSO 1 - 146.430 s
QSO 2 - 147.570 s (alternate)
Jumper Monitor - 446.075 s
APRS - 144.330 via I-Gate
Marina ATC 122.7

Marina Airport

Tac Ops



Video and APRS Ops



TV sets are Sansui brand with built-in VHS decks and composite video outputs.

Michael Wright, K6MFW
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Rev 0