



The VA3KS Tower Work Party

- Kieran Shepherd VA3KS generously donated most of his gear to WCARC conditional on the two towers and antennas plus two C-Band TV dishes and two Ku Band TV dishes, actuators, receivers and cabling being removed from the property by Sept 1
- My urgent e-mail got a very good response.
- The weather forecast was marginal but it improved until the day before our event - a 60% POP, with a thunderstorm in the afternoon.
- It only rained a bit as we finished loading the trailer. No thunderstorm. Whew!



The VA3KS Tower Work Party

- The August 22 Work Party comprised: Al Penny VO1NO, Dale Hennigar VE3XZT, Ken Asmus VA3KA, Stan Madore VA3SMM, Bernie Madore VA3BMZ, Andy Hart VE3NVK, Glen McDonell VE3XAR, Peter Jago VA3PJ and Doug Leach VE3XK. Our benefactor Kieran Shepherd VA3KS provided a lot of help in addition to guidance on what went with what, etc.
- The objective today was to take down both towers and transport the sections and antennas.
- The C-Band dishes were taken off their mounts for later disassembly and transport by new owner Bert VE2ZAZ.

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Kieran's 48 ft Delhi tower with
Cushcraft A4S and
Diamond 2/70 Colinear
vertical

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The 10 ft Dish, with a remote TV off-air antenna

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The 8 ft Dish with one of the Ka Band Sat-TV dishes

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Dale VE3XZT on the
48 ft tower

The short 2X4 was
essential for comfort.

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Tools arrive by courier
(VE3XK) but no room for two
to work at the top.

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The line through the gin pole pulley ready to take the weight of the beam and Dale starts lowering it

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...and down she goes.
The boom mounting
plate is still in place on
the mast.

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The A4S
beam arrives
safely on the
ground

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Part way down and angled to get through the new foliage that had grown since the beam was installed over 15 years ago.

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More work taking beam apart for transport. The bolt cutter made short work of the rusted U-bolts

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The Gin Pole, repositioned to the top of the second section, allows the top section to be lowered, and so on until only the bottom section is left to be unbolted from the stubs.

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Tower and disassembled beam on the ground for transport.

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Our hero, Dale VE3XZT, back on the ground, safe and sound.

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Attempt to remove the antennas from the second tower were not successful, so it was decided to lower the tower intact.

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The VHF/UHF antennas on the 36 ft Radio Shack tower attached to the eave. Kieran's Sawzall tool cut the bottom 3 ft of the tower at ground level so it could be let down gently with the antennas in place using rope over the top of the roof.

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Many hands make light work of lifting the dish off its mount and onto the ground for disassembly and transport next weekend

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With a little more effort, even the ten ft dish lifted up and onto the ground for disassembly and transport next weekend

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Loading half
complete when
the rain started.



The VA3KS Tower Work Party

- The August 29 Work Party comprised: Bert Zahaur VE2ZAZ and Doug Leach VE3XK
- The objective was to disassemble the dishes so the “leaves” would fit into Bert’s borrowed trailer.
- The various actuators, receivers and cabling were packed up and loaded into Bert’s trailer for transport.
- This day was all rain - all the time, and both of us got really soaked. No photos. An added complication was a wasp nest in one of the actuators and a good crop of poison ivy around where the cables had been piled.
- In spite of these difficulties we were loaded by 11:15AM



The VA3KS Tower Work Party

Acknowledgments

- To *Dale Hennigar VE3XZT* - who climbed the 48 ft tower and got the big beam and tower down to the ground. His Sawzall cut the bottom off the small tower. Without him the event would not have been possible.
- To *Peter Jago VA3PJ* - for the loan of his Gin Pole and to *Dean VA3CDD* who lent a second Gin Pole as a backup
- To *Stan and Bernie Madore* for the use of their trailer and SUV to transport the towers and antennas
- To *all the crew* who gave up their Saturdays for the substantial benefit of the club.



The VA3KS Donation List

Item #	Qty	Description
1	48 ft	Delhi Tower - Six 8 ft Sections
2	1	Cushcraft A4S Triband Yagi c/w UM2A Ultramatch
3	1	Cushcraft 13B2 2M SSB 13 element Boomer Yagi
4	1	70CM 10+10 element Crossed Yagi (X Polar for Satellites)
5	1	M2 222-7EL 7 element 222 MHz Yagi
6	1	10/11 M Vertical Antenna
7	36 ft	Radio Shack Tower - four 10 ft sections (bottom section cut 3 ft short)
8	1	Discone Antenna - Diamond D130J or equiv
9	1	CDE III CD44 Rotator c/w Desktop Control Unit
10	1	Radio Shack Rotator c/w Desktop Control Unit
11	1	Diamond X-50A 2/70 Colinear Vertical (4.5 / 7.2 dB gain)
12	1	Hustler 2M vertical with ground plane
13	~150 ft	Andrews LDF5-50A 7/8" 50 ohm Heliax c/w UHF(f) connectors
14	~150 ft	Andrews LDF2-50 3/8" 50 ohm Heliax c/w UHF(f) connectors
15	35 ft	LMR-400 50 ohm Coaxial Cable
16	100 ft	RG-213/U 50 ohm Coaxial Cable
17	40 ft	RG-213/U 50 ohm Coaxial Cable
18	35 ft	RG-213/U 50 ohm Coaxial Cable
19	30 ft	RG-213/U 50 ohm Coaxial Cable
20	30 ft	RG-213/U 50 ohm Coaxial Cable
21	25 ft	RG-213/U 50 ohm Coaxial Cable
22	120 ft	8 conductor 18 gauge rotor cable
23	50 ft	8 conductor 18 gauge rotor cable
24	110 ft	6 conductor 22 gauge rotor cable
25	45 ft	4 conductor flat ribbon rotor cable
26	1	ICOM IC-735 Transceiver (not working)

*List does not
include the C & Ku
Band Satellite TV
dishes, receivers
and cable bought
by Bert VE2ZAZ*



The VA3KS Donation List

27	1	Hallicrafters S-120 HF Receiver (not working)
28	1	Heavy Duty Professional Arctic Dipole Antenna c/w balun (cut for ~ 5 MHz)
29	1	Multiband Centre-Fed 64 ft Dipole Antenna with 50 ft 450 ohm Ladder Feedline
30	1	Marconi CH25 6 Ch 100WPEP SSB/AM Transceiver c/w SAT 3A Automatic Ant Tuner & Mike
31	1	3-Com Palm Pilot Professional PDA
32	1	Micronta 22-185 Digital Multimeter
33	1	Motorola RTX4005B Test Set
34	1	Motorola 1175/1177 Battery Test Set
35	1	Motorola 1056B-1059B Portable Test Set
36	1	GE Phoenix SX Mobile FM Transceiver
37	3	Motorola Mocom 35 Mobile FM Transceiver
38	1	WR 1454 Mobile FM Transceiver
39	3	WR 1455 Mobile FM Transceiver
40	1	Motorola MNLN 4569B Rapid Battery Charger
41	1	Motorola CNLN 8858B Rapid Battery Charger
42	2	Motorola MT500 Handheld UHF Transceiver
43	1	Motorola HT90 Handheld VHF Transceiver
44	3	Motorola NMN6095A Microphone
45	1	Motorola 1-005205-001 Adapter Cable
46	1	Shure 450 Desk Microphone w/ Hi-Lo Z Switch
47	1	Altec 633A Desk Microphone
48	1	Workman UV325 2/70 Mobile Vertical (NMO Connector)
49	1	Larsen NMO 2/70 Mobile Vertical (NMO Connector)
50	1	Larsen Kulrod LM-150 Mobile Vertical Antenna (NMO Connector)
51	4	Aiphone Model LEF-3 Three Call Master Loudspeaker Intercom System
52	2	Aiphone Model LA-D 2 Station Loudspeaker Intercom System

Note 2.4 GHz Parabolic Antenna left off For Sale list for use by VE3WCC