

# National Contest Journal Cumulative Index, 1973-2005

Compiled by K5ZD, WN4KKN, NJ2L, K1RO and N4TZ.

This index updates the one originally published in the January/February 1997 issue of *NCJ*.

Columns list Category/Title, Author, Year, Month and Page.

<b>Antennas—General</b>				
160-Meter Monster Array	K9DX	03	Mar/Apr	9
160 Meter Antennas for One Man's Dream Station	N3HBX	04	May/Jun	7
A 3-element Wire Beam for 40 Meters	W1WEF	86	Nov/Dec	25
A 4-High Stack of 7-Element 10-Meter Yagis	K4WI	03	May/Jun	18
A \$50 Beverage	K5ZD	96	Jan/Feb	10
The 10-Meter Rope Gun Yagi: A 10-Meter Big Gun Antenna on Little Pistol Budget	K4TMC	98	May/Jun	11
40 Meter Antenna for Sweepstakes	K3LR	83	Jul/Aug	21
40-Meter Beams	K8CC	88	Jul/Aug	21
80 Meter "Big Ear"	W0JLC	85	Sep/Oct	9
80 Meter Delta Loop	K2BK	82	Jan/Feb	6
80 Meter DX Antenna	K9RS	85	Nov/Dec	14
80 Meter Sloper w/Reflector	K7LXC	85	May/Jun	20
80 Meter Triangle Array	W8AV	98	Nov/Dec	12
A Double-Loop Antenna for 160 Meters	N3HBX	03	May/Jun	3
An Experiment with Success	N5KB	99	Jan/Feb	11
Another Saltwater Vertical Tale	W7TMT	05	Mar/Apr	11
Antenna Hint—Dacron Rope	N6VR	88	May/Jun	9
Antenna Interactions – Part 1: Stop Squinting! Get the Big Picture	K3NA	03	Jul/Aug	19
Antenna Interactions – Part 2: Twisting Stacks	K3NA	03	Sep/Oct	3
Antenna Interactions – Part 3: When Good Aluminum Goes Bad	K3NA	03	Nov/Dec	20
Antenna Interactions - Part 4: Cleaning Up Stacked Yagis with Current Tapers	K3NA	04	Jan/Feb	11
Antenna Interactions - Part 5: How Close is Too Close?	K3NA	04	Mar/Apr	24
Antenna Interactions - Part 6: Antennas Pointing in the Same Direction	K3NA	04	Sep/Oct	28
Antenna Interactions - Part 7: Antennas Pointing in Opposite Directions	K3NA	05	Jul/Aug	14
Antenna Interactions - Part 8: 40 and 15-meter Yagis	K3NA	05	Sep/Oct	20
Antenna Isolation in the Real World	WE9V	01	May/Jun	15
Antenna Length Chart	K5KG	03	Jan/Feb	10
Antenna Switching for M/S Stations	K1XM	87	Jan/Feb	9
Antennas (Contesting for Fun)	K7RE	02	Sep/Oct	39
Antennas for 3.5-4 MHz	K8CC	92	Jan/Feb	42
Antennas for Sweepstakes	K8CC	86	Sep/Oct	13
Antennas for Sweepstakes	K8CC	91	Sep/Oct	18
Antennas with Gain and Bandwidth for 80 and 160 Meters	N6LF	00	Sep/Oct	14
Automotive Technology on the Antenna Farm	K8CC	90	Jul/Aug	20
Baluns, Baluns, Baluns	K5IU	85	Mar/Apr	33
Bead Baluns	K3LR	88	Jan/Feb	10
Better Amp Performance with U/L/B Switching Systems	K2TR	84	Jul/Aug	16
Beverage Notes	KB1GW	98	Mar/Apr	5
Beverage Preamplifier	K1KI	84	Jan/Feb	10

Beverages: How Short Can They Be?	K9AY	02	Sep/Oct	20
Boom Matching = 40/30 Meter Rotary Dipole	N4KG	98	Mar/Apr	21
Can a Dipole Have Gain?	K8CC	92	Nov/Dec	20
Care and Repair of a Two Element 80 Meter Yagi	N3HBX	97	May/June	4
A "Climbless" Broadband 80-Meter Dipole	K4VX	93	Mar/Apr	13
A Cloudwarmer Omni for 40-Meter Sweepstakes	K6STI	94	Jul/Aug	17
Coaxial Cable Attenuation and Trade-Offs	W3LPL	96	Jan/Feb	8
Commercial or Home-Brew Antennas, That is the Question	K4VX	88	Jul/Aug	7
Compact Four-Squares	K3LC	04	Jul/Aug	10
Dayton for the Antenna Farmer	K8CC	92	Jul/Aug	14
DXpedition Antennas for Salt Water Locations: A Study of 20-Meter Antennas	K2KW	01	May/June	9
DXpedition Friendly Antennas (Contest Traveler)	K8JP	99	Mar/Apr	33
DXpeditionized TA-33Jr (Contest Traveler)	K8JP	97	Mar/Apr	21
An Effective No-Ground Vertical for 80 and 160 Meters	K2KQ	99	Sep/Oct	20
The Effects of Insulation at RF	K8CC	96	Mar/Apr	16
Experiences of a Four Square Addict	W1WEF	04	May/June	16
Four-Square Antenna Experiences	W1WEF, K1KI	96	Nov/Dec	8
A Four-Square with Eight Directions of Fire	K3LC	04	Mar/Apr	13
A Full-Wave Vertical Loop for 160 Meters	N3HBX	00	Mar/Apr	14
Getting Power to the Antenna Cheaply! (Contesting on a Budget)	K5AF	04	Jul/Aug	36
"Gull-Wing" Vertical Antennas	K3LC	00	Nov/Dec	14
Higher is Better, Right?	N4KG	93	Nov/Dec	15
Hints and Kinks	K8CC	88	May/June	16
Improved Feeding of the KLM 40M Beams	NE6I	85	Nov/Dec	13
Improving Beverage Antennas	NN3Q	95	Jul/Aug	3
The K4VX 10-Meter Rhino Gun Yagi	K4VX	99	Sep/Oct	17
The K8CC Five Element Yagi—Part 1	K8CC	89	May/June	29
The K8CC Five Element Yagi—Part 2	K8CC	89	Sep/Oct	23
LF Bands for Little Pistols	G3RZP	00	Nov/Dec	10
Low Band DX-Pedition Antennas	W0JLC	86	May/June	25
Low Noise Antenna for "Average" Lots	W2XL	83	Jul/Aug	7
Matching Phased Antennas	K5RC	82	May/June	13
Maximum-Gain Radial Ground Systems for Vertical Antennas	K3LC	04	Mar/Apr	5
Measuring Inductance and Capacitance	K8CC	94	Mar/Apr	25
Modifications for the Hy-Gain 105BA	N6ND	89	Nov/Dec	11
The Monoband Log-Cell Yagi Revisited - Part I	W4RNL	00	Jan/Feb	19
The Monoband Log-Cell Yagi Revisited - Part 2: Element Phasing and Log-Cell Design	W4RNL	00	Mar/Apr	10
The Monoband Log-Cell Yagi Revisited - Part 3: Some Practical Log-Cell Yagi Designs	W4RNL	00	May/June	14
The Monoband Log-Cell Yagi Revisited - Part 4: V-ing the Log-Cell Yagi Elements	W4RNL	00	Jul/Aug	11
More on the Moxon 6 Meter Antenna (VHF-UHF Contesting)	N0JK	04	Jul/Aug	28
More Tricks with Coax—Upper/Lower/Both Switching	N4SA	80	Sep/Oct	7
A Note on Feeding the K3LR 160-Meter Sloper System	K3LC	05	Nov/Dec	30
NP4A: A 3-element 80-Meter Dream	K1ZM	89	Jul/Aug	9
The "Omni-izer" - an Omni Control Box for 4-Squares or Other Arrays	N5TW, WX0B	02	Jul/Aug	5
On Proper 160 Meter Antennas	NM7M	98	Nov/Dec	30
One Step Back, Two Steps Forward: The Evolution of the WW2Y/K2WI 160-Meter Antenna	K2WI, WW2Y	96	May/June	6
Optimized Yagi Design	N2FB	86	Jan/Feb	16
Optimized Yagi Design Continued	N2FB	86	Mar/Apr	20
Overhauling Hy-Gain Beams	W1WEF	97	Sep/Oct	10

Phase Adjustment Technique for a 4-Element Square Phased Vertical Array	W1MK	05	May/Jun	6
Phase Correction for a Quadrature Hybrid-Feb Antenna Array	W1MK	05	May/Jun	10
Phased Pennant Antenna Array	KD9SV, W8UVZ,K8GG	03	Jul/Aug	13
Phasing Verticals: An EASY Way	W4PA	02	Nov/Dec	18
A Preliminary Look at Improved Stack Spacing for Short-Boom Tribanders	N4ZR	96	Jul/Aug	6
Preventing Antenna Icing	K3ZJ	94	May/Jun	18
Real Time 160-Meter "L"	W4PA	98	Jul/Aug	9
A Receiving Antenna System	W7LR	00	Mar/Apr	18
A Receiving Antenna System - corrections (Topband Topics)	W7LR	05	Nov/Dec	28
Recycled Aluminum (Contesting on a Budget)	K5AF	03	May/Jun	37
Remote Beverage Switching	N4RN	98	Nov/Dec	15
"Scoring" Your Antenna System - A Quantitative Evaluation of Changes in Antenna Height and Other Characteristics	N4ZR	01	Jan/Feb	9
Shorts: "Scoring" Your Antenna System	N4ZR	01	Sep/Oct	37
SCVs: A Family Album Part 1: The Group Picture	W4RNL	98	Sep/Oct	12
Feedback:		99	Jan/Feb	10
SCVs: A Family Album Part 2: The Delta Branch	W4RNL	98	Nov/Dec	16
SCVs: A Family Album Part 3: The Rectangular Branch	W4RNL	99	Jan/Feb	16
SCVs: A Family Album Part 4: The Open-Ended Cousins	W4RNL	99	Mar/Apr	8
SCVs: A Family Album Part 5: Shorties, Double-Wides and Twins	W4RNL	99	May/Jun	9
Should I Put Up a Higher Antenna?	K9LA	99	Nov/Dec	22
Shunt Feed Your Tower on 160 Meters	AC9C	87	Nov/Dec	19
Shunt Feeding Short Towers for 160M	K8CC	84	May/Jun	13
A Simple Phased Vertical Array	K8CC	93	Mar/Apr	24
A Simple System for Switching Three or Four Antennas	K8CC	91	May/Jun	21
A Simple, Temporary, Very Effective 160-Meter Antenna	KC5NWW	96	Mar/Apr	19
Simplified Strengthening of the Cushcraft 40-2CD	N4KG	94	Mar/Apr	14
Single Support Gain Antennas for 80 and 160 Meters	N6LF	03	Mar/Apr	12
Single Tower Antenna Farms	W9XT	97	Jan/Feb	11
A Six Meter Stack with a Twist	K9MK	04	Mar/Apr	20
Some Facts of Life About Modeling 160-Meter Vertical Arrays - Part 1: Some Baseline Data	W4RNL	00	Nov/Dec	19
Some Facts of Life About Modeling 160-Meter Vertical Arrays - Part 2: Appreciating Conductivity and Permittivity	W4RNL	01	Mar/Apr	4
Some Facts of Life About Modeling 160-Meter Vertical Arrays - Part 3: Complex Radial Systems and Limitations of the <i>MININEC</i> (No Radial) Ground	W4RNL	01	May/Jun	3
Some Facts of Life About Modeling 160-Meter Vertical Arrays - Part 4: A Potpourri of 160-Meter Vertical Antennas and Modeling Issues	W4RNL	01	Jul/Aug	4
Some Facts of Life About Modeling 160-Meter Vertical Arrays - Part 5: The Use of Multiple Ground Qualities in Lieu of Radials	W4RNL	01	Sep/Oct	4
Some Notes on Antenna Erection	K5RC	77	Sep/Oct	21
Some Notes on Two-Element Horizontal Phased-Arrays - Part 1: The Limits of Performance	W4RNL	01	Nov/Dec	4
Some Notes on Two-Element Horizontal Phased Arrays - Part 2: The Limits of Geometric Phasing	W4RNL	02	Jan/Feb	4
Some Notes on Two-Element Horizontal Phased Arrays - Part 3: The Limits of a Single Phase Line: The ZL-Special	W4RNL	02	Mar/Apr	3
Some Notes on Two-Element Horizontal Phased Arrays - Part 4: Removing the Limits of a Single Phase Line by Element Matching	W4RNL	02	May/Jun	3
Some Tips for Assembling Your Own 160-Meter Balloon Supported	N5OT	00	May/Jun	22

## Vertical

Stacked Yagi Arrays: Fact and Fiction	K8CC	91	Jul/Aug	18
Stacking Dissimilar Yagis	K8CC	92	Sep/Oct	16
Stacking Yagis: What Can I Expect?	W4RNL	97	Jul/Aug	7
The Story of a Classic: The TH6DXX	K7LXC	95	Mar/Apr	25
A Stealth Antenna for 7 MHz	K8CC	93	May/June	25
A Study of Elevated Radial Ground Systems for Vertical Antennas - Pt 1	K3LC	05	Jan/Feb	19
A Study of Elevated Radial Ground Systems for Vertical Antennas - Pt 2	K3LC	05	Mar/Apr	17
A Study of Elevated Radial Ground Systems for Vertical Antennas - Pt 3	K3LC	05	May/June	17
Switching Stacked Antennas	K8CC	88	Jan/Feb	17
The 4-Element PV Yagi	K1GQ	85	Jan/Feb	9
The DL1BU 7 Element Yagi	K8CC	85	May/June	21
TH3 Overhaul Revisited	W1WEF	98	Mar/Apr	10
The Five Element NBS Yagi	K8CC	85	Mar/Apr	21
A Triband Beam for 40/80 and 160 Meters	WA2WVL	05	Jan/Feb	4
Tri-Bander Mysteries Sorted and Solved		82	Mar/Apr	7
Trouble Hearing on 160?	W6GO	93	May/June	13
Tune Your Tower	W1WEF	96	Mar/Apr	8
Two-Tower Station Design	K8CC	88	Mar/Apr	22
Ultimate Portable 160 Contest Machine	K9RS	86	Jul/Aug	33
Up the Antenna Mast (Plotting Stacked Arrays)	K1GQ	80	Sep/Oct	6
Upper-Lower-BIP-BOP Switch	K1GQ	80	Nov/Dec	12
Use Your Antenna's Boom as a Rotary Dipole	K4AB	97	Sep/Oct	16
Using a Noise Bridge	K8CC	89	Jan/Feb	21
Vertical Antennas with Top Loading	K3LC	04	Nov/Dec	11
Verticals by the Sea - Part 1	K3LC	05	Jul/Aug	9
Verticals by the Sea - Part 2	K3LC	05	Sep/Oct	4
Verticals by the Sea - Part 3	K3LC	05	Nov/Dec	17
The W2PV 80 Meter Quad	K1GQ	86	Jan/Feb	11
What are the Weak Spots of the 40-2CD?	W6QHS	94	May/June	13

## Antennas—Rotators

Budget Contesting - the Finnish Approach (Contesting on a Budget)	OH6LI	04	Mar/Apr	43
Eliminate Noise Generated by Rotator-Control Boxes	N0AX	95	Sep/Oct	35
Extending Cable Length for "HAM" Rotors	K5RC	81	Jul/Aug	7
Improved Direction Display for the HDR-300 Rotator	K8CC	90	Nov/Dec	21
Improved Rotation for Hy-Gain Ham-Series Rotators	K8CC	92	Mar/Apr	19
Modification of the Hygain HDR300 Rotator	N5AJW	84	May/June	6
A Preset Control for Hy-Gain Rotators	W0CP	91	Mar/Apr	10
Rotators: Blessing or Curse?	K7LXC	93	Jan/Feb	18
Rotator Roundup	K8CC	91	Mar/Apr	21
Rotor Rebuilds	K1CC	86	Nov/Dec	6
Servicing the Yaesu G-1000SDX Rotator	W1WEF	01	Jan/Feb	7
A Simple Preset Antenna Rotor Control	W8FN	88	Nov/Dec	7
Unjamming Tailtwisters	K1GQ	81	Sep/Oct	10
Updating Ham-M, Ham II and Ham III to Ham IV	K1KI	81	Sep/Oct	6
Using Create Control Boxes with Other Rotators	N6TV, W6QHS	94	Jan/Feb	16

## Antennas—Towers

A Safe, Comfortable and Cheap, Climbing Belt	N6OP	86	Sep/Oct	15
Antenna Mast Design, Part 1	W7NI	82	May/June	11
Antenna Mast Design, Part 2	W7NI	83	Mar/Apr	5
A Cheap High - Getting Antennas Up Inexpensively (Contesting on a Budget)	K5AF	05	May/June	40

Granite Guy Anchors	K1GQ	85	May/Jun	15
Guyed vs Self-Supporting Towers	N4KG	00	Sep/Oct	23
A Homebrew Gin Pole	K1VUT	96	Nov/Dec	21
How to Detune a Tower	WX0B	05	Nov/Dec	31
Letter—Mast Design	W7NI	85	Jan/Feb	6
Letter—Mast Design	K3WT	85	Jan/Feb	6
Mast Notes	N8RA	85	Mar/Apr	23
A Mast-Raising System	KB4IDC	03	Jul/Aug	7
Phillystran—A Non-metallic Guy	K1VR	83	Jan/Feb	17
Proper Tower Grounding	W3GM	85	Sep/Oct	13
Refurbishing Your Rohn TB-3 Thrust Bearing	K1IR	99	Sep/Oct	8
Rock Guy Anchors	KD0ZR	88	Sep/Oct	16
Rotating Side Arm	W9RE	87	Sep/Oct	14
Selecting a Mast Material	W7NI	93	Mar/Apr	10
Some Notes On Tower Erection	K5RC	78	Jul/Aug	13
Tower Safety	K5NW	84	Mar/Apr	11
Tower Tips	N2FB	84	May/Jun	17

### Contest Advisory Committee

ARRL Contest Advisory Committee Report	K1CC	90	May/Jun	23
ARRL Contest Advisory Committee Report	K5ZD	93	Jan/Feb	15
ARRL Contest Advisory Committee Report	WA6OTU	94	Mar/Apr	33
ARRL Contest Advisory Committee Report	WA6OTU	94	May/Jun	28
ARRL Contest Advisory Committee Update	WA6OTU	95	Mar/Apr	24
ARRL Contest Advisory Committee Report	AA2DU	95	Sep/Oct	17
ARRL Contest Advisory Committee Report	AA2DU	96	Jan/Feb	18
ARRL Contest Advisory Committee Club Competition Rules Review	N6IG	01	Jan/Feb	6
ARRL Club Competition - Status Report from the Contest Advisory Committee, July 2001	AA7A	01	Sep/Oct	9
CAC News	K1CC	90	Jul/Aug	16
CAC News	K1CC	90	Sep/Oct	28
CAC Online	W0CP	94	Mar/Apr	18
CAC Report	W7EW/W7AT	99	Nov/Dec	24
Contest Advisory Committee Discussions at Dayton	W1PH	94	Jul/Aug	11
Contest Advisory Committee Report	K1CC	91	Jul/Aug	24
Contest Advisory Committee Report	K1CC	90	Nov/Dec	19
Dayton Contest Forum Questionnaire	K1DG	86	Jul/Aug	16
NCJ/CAC 1980 ARRL DX Contest Questionnaire Results	K5TM	80	May/Jun	10
Report from the Contest Advisory Committee	AA2DU	96	Sep/Oct	27

### Equipment

Add 160 Meters to Your SB-220	W2GD	82	May/Jun	3
Advanced Station Switching for SS	K8CC	90	Sep/Oct	30
Antenna Switching for M/S Stations	K1XM	87	Jan/Feb	9
An Antenna-Switching System for Multi-Two and Single-Multi Contesting	K1KP	95	Jan/Feb	4
The Anti-Murphy Box	N4TZ	04	Nov/Dec	6
An Audio Controller for SO2R Contesting	W2UP	01	May/Jun	13
Shorts: An Audio Controller for SO2R Contesting	W2UP	01	Jul/Aug	21
Applying the ACOM 2S1 Commutator at Multi-Multis	N0AX	03	Jan/Feb	6
Automated Antenna Selection for the ACOM 2000A Amplifier and 2000S Switch	N8WRL	02	Nov/Dec	23
Feedback – Automated Antenna Selection ACOM 2000A & 2000S		03	Mar/Apr	36

Correction to schematic ACOM 2000A & 2000S		03	May/Jun	2
Automatic Antenna Switching for the Kenwood TS-940S	W1GD	93	May/Jun	10
Automatic Bandswitching with the TS-930S	K8MR	85	Mar/Apr	12
Automatically Switched Receive Band-Pass Filters	K1KP	95	May/Jun	7
Band Switching Stubs for the Single-Op Two-Radio Station	W2VJN	96	Sep/Oct	8
Band Pass Filters for Contesting	VK4UW, VK4EMM	00	Jan/Feb	11
Bandpass Filters for Transmitters	K4VX	87	Mar/Apr	19
Buying a Computer for Antenna Modeling	K8CC	89	Nov/Dec	20
The Care and Feeding of RTTY Amplifiers (RTTY Contesting)	W6WRT	05	Jul/Aug	22
Coaxial Switches	K1VR	91	Jul/Aug	8
Comments on the IC-756 Pro II	K5PI	03	Sep/Oct	27
Contest Computer Interface	YU3EA	88	Jul/Aug	6
Contest Station Automation at OH2BH	OH2UA	05	Sep/Oct	13
An Easy-Access Switch for Multiplier Antennas	WD8LLD	95	Nov/Dec	19
Easy Noise Reduction for the FT-1000MP	N6TV	97	Jul/Aug	23
Easy Noise Reduction for the FT-1000MP (dupe)	N6TV	97	Sep/Oct	21
External Attenuator Box for the TS-830S	K8MR	83	May/Jun	7
Front-Panel Sidetone Adjustment for the TS-850S	N6TR	94	Mar/Apr	23
Getting Started in SO2R Contesting	VE1OP	04	Jan/Feb	4
High-Power Harmonic Filters	W2VJN	98	Nov/Dec	14
Human Engineered RIT and XIT for the TS-830	N6OP	83	Jan/Feb	6
Improved Stack Switching with Invisible Stubs	N4TZ	04	Nov/Dec	8
Installing the W8JI Keying Mod for the FT-1000D	K1ZM	03	Jul/Aug	17
IRC Filters	K7LXC	93	Jul/Aug	10
K9CW Contest Keyer Update	K9CW	88	Nov/Dec	13
Kenwood TS-930S & Separate RX Antennas	WB5VZL	84	May/Jun	7
The Logikeyer	WZ3Q	93	May/Jun	20
Modify Pro-Comm 250 for Stereo	K2TNO	86	Jul/Aug	19
Modifying the Top Ten DX Doubler for Enhanced Operation with N1MM Logger	N4ZR	05	Jul/Aug	8
The Mother of All Antenna Switches	K6LA	03	Nov/Dec	7
Multi-Transmitter Filters	K2TR	84	May/Jun	18
My Linear Problem	K3MD	05	Jan/Feb	15
The N6TR Amateur Radio Microcomputer System	N6TR	87	Sep/Oct	16
The N6TR Contest Software	WA0RJY	93	May/Jun	21
Operating the Sprint from a Remote Site	K7SS	96	Nov/Dec	13
Preventative Maintenance	W1WEF	87	Mar/Apr	11
The Quest for the Perfect Contest Expedition Rig: The ICOM IC-736	WM2C	94	Sep/Oct	19
Quick & Easy Station Switching	NA8V	84	Nov/Dec	12
Quick and Easy Two Radio Switching	K5NX	00	May/Jun	25
Radio Proximity Effects	W2VJN	96	Nov/Dec	17
Rappack Controller Design for Stack Match	K4GMH	05	Jan/Feb	17
Receiver Dynamic Range Tests	N6ND	84	Mar/Apr	21
Remodeling for Mode Independent SO2R Networked Stations	AA5AU	04	Jul/Aug	31
Results of the Annual TDXS Receiver Clinic	K2TNO	90	Sep/Oct	13
A Simple Modification to the Top Ten DX Doubler	N4TZ	04	Sep/Oct	33
Single-Op Two Radio Station Automation at W9RE	W9RE	99	Nov/Dec	12
A Single Tower, Multioperator Contest Station	WX0B	95	Jul/Aug	5
SO2R – The Easy Way	N3HBX	03	Nov/Dec	3
SO2R Station Design Considerations Part 1: Does “Handedness” Play a Role? Should It?	N4GG	04	May/Jun	21
SO2R Station Design Considerations Part 2: Audio Switchology - Is there a <i>Best</i> Approach?	N4GG	04	Jul/Aug	19

SO2R Station Design Considerations Part 3: Tailoring the Human Interface	N4GG	04	Sep/Oct	24
Stack Match Plus - A Dual Antenna BIP/BOP/SO2R Stack Matcher	K4GMH	05	Mar/Apr	21
“Stamp” Out Idiot Lights	K3KO	02	Nov/Dec	19
Station Automation	K4OJ	98	Sep/Oct	4
The Good, the Bad, and the Ugly - Buying Used Equipment (Contesting on a Budget)	K5AF	02	May/Jan	43
TS-830S Modification, Another	W8LNO	84	Jan/Feb	18
TS-930S Audio Note	W2VJN	85	May/Jan	28
TS-930S Notes	K1GQ	84	Mar/Apr	16
TS-930S Remote Bandswitching Unit	N4TY	83	Sep/Oct	12
TS-930S Users—BEWARE	N2FB	85	Mar/Apr	32
TS-940S Notes	W2VJN	85	Nov/Dec	8
Should I Buy a TS-940S?	K1GQ	86	May/Jan	7
TS-940S Performance, Part 2	K1GQ	86	Sep/Oct	11
Two-Radio Contest Switching Revisited	AB6FO	93	Nov/Dec	17
Two-Radio Headphone Switch	W5ASP	98	Jan/Feb	13
A Two-Radio Switching System	K3LR	88	Sep/Oct	9
Use of Comparative Analysis to Estimate the DX Prowess of HF Receivers	SP7HT	04	Sep/Oct	4
Reader Feedback to “Use of Comparative Analysis to Estimate the DX Prowess of HF Receivers”	G3RZP	05	Jan/Feb	11
Using Double 1/8 Wave Stubs	W2VJN	98	Jan/Feb	7
W3LPL Receiving Bandpass Filters	N3RD, K3ND	81	Sep/Oct	13
W9GR’s Digital Signal Processor	K3CP	93	May/Jan	16

## Hints

A 50-Ohm Splitter/Combiner	K3ND	82	Mar/Apr	6
Audio Hints & Kinks	W1YN	85	Jan/Feb	16
Balun Phasing	KN2M	93	Nov/Dec	21
CW Offset for the C-Line, TS-830S, TR-7	K7GM	82	Mar/Apr	10
Cashing in on the “Peace Dividend” (Contesting on a Budget)	K5AF	04	May/Jan	38
Cassette Loops in Phone Contests	W1WEF	84	May/Jan	8
Cheap Ground Rods	WA6OTU	87	Mar/Apr	12
Check-Off Lists (Contest Traveler)	K8JP	97	Sep/Oct	26
Connectors for 1-inch, 72-Ohm CATV Hardline	N6VR	91	Nov/Dec	12
Contest Cuisine	K3RV	88	Nov/Dec	15
Digital Voice Keyers – Use with Care!	GM0ECO	93	Jan/Feb	35
Drilling (Workshop Chronicles)	K4ZA	05	Jul/Aug	27
Heil Tips	K1VR	92	May/Jan	8
Hints on Station Layout	W9XT	86	May/Jan	27
How to Get the Most from Attenuators and Preamps	K9AY	00	Nov/Dec	12
Improvised Tools (Workshop Chronicles)	K4ZA	05	Sep/Oct	32
Installing PL-259 Connectors on CATV RG-11	W1WEF	96	Mar/Apr	30
Interconnecting Station Equipment for Contests	WA3GVP	78	Sep/Oct	18
Is Your Multi-Op Full of Hot Air?	K5NZ	03	Jul/Aug	16
JRC ST-3 Headphones	K3LR	93	Jul/Aug	9
Line Loss Measurements	N2FB	84	Mar/Apr	14
Low Cost Improvements (Contest Tips, Tricks & Techniques)	W9XT	97	Mar/Apr	27
Low Cost Improvements (Contest Tips, Tricks & Techniques) - II	W9XT	97	May/Jan	21
Low Noise Antenna Switching	K5FUV	98	Jan/Feb	6
Low Noise Antenna Switching (Feedback)	K5FUV	98	Mar/Apr	39
Matching 75 Ohm Hardline to 50 Ohms		81	Jul/Aug	7
Memory Keyer Remote Switches	W6SX	83	Mar/Apr	20

Mods and Operating Notes on the AEA Morsematic	N0SS	81	Mar/Apr	5
The “Nickel Fix” that Saved Your Bacon (Contesting on a Budget)	K5AF	02	Nov/Dec	37
Pssst! Wanna Improve Your Weak Signal Capabilities?	N4UK	97	Sep/Oct	17
Radio Frequency Interference Considerations for Contesters	K3RV	98	Sep/Oct	19
Random Ramblings (IRC filters)	K7LXC	93	Nov/Dec	29
Receiver/Transceiver Switching	W5GC	91	Sep/Oct	10
Reducing Inter-Station Interference in Multi-Op and SO2R Stations (Contest Tips, Tricks & Techniques)	W9XT	02	Jan/Feb	20
Relay Diodes Can Cause BCI!	K8CC	88	May/June	9
Simple Fix for K5ZD’s QSL Generator for CT	KV1P	90	May/June	7
Simple Mods for the Heath SB-220	WB8JKR	88	Sep/Oct	13
Simple Protection for the Fledgling SO2R Station	N4ZR	05	Nov/Dec	12
The Simplest Sound Card Interface	N4ZR	03	Sep/Oct	27
Small Homebrew Accessories (Contest Tips, Tricks & Techniques)	W9XT	98	Nov/Dec	43
Strange Problems - Part 1 (Contest Tips, Tricks & Techniques)	W9XT	05	Jan/Feb	34
Strange Problems - Part 2 (Contest Tips, Tricks & Techniques)	W9XT	05	Mar/Apr	28
Timewave DSP-9 Undocumented Feature	AA6TT	94	Mar/Apr	16
Tips for Guest Operating		93	May/June	14
TS-820 Filter Leakage Mod	K8MR	78	Sep/Oct	18
Tape Loop Circuit	K5TJ	80	Mar/Apr	11
Technical Shorts—A Collection of Hints		88	Jul/Aug	11
The Toolbox - Lubricants	K4ZA	05	Mar/Apr	22
Tools for Gripping, Cutting and More (Workshop Chronicles)	K4ZA	05	May/June	38
Unusual Antennas and Equipment – Part One (Contest Tips, Tricks & Techniques)	W9XT	03	May/June	36
Unusual Antennas and Equipment – Part Two (Contest Tips, Tricks & Techniques)	W9XT	03	Jul/Aug	30
Variable Speed Control for AEA Keyers	KY5A	84	Mar/Apr	16
Wire and Cable - The Bargains are Out There (Contesting on a Budget)	K5AF	04	Jan/Feb	24

### **Humor/Fiction**

40M Phone Band Expansion	W3FG	85	May/June	27
Around and Around They Go...	N0AX	97	Sep/Oct	19
Blessed Are the Weak for They Shall Lose the Freq	K2TNO	85	Mar/Apr	34
Call Sign Crossword	N0AX	02	Sep/Oct	47
CQWW—A Poem	W3FG	84	Sep/Oct	14
A Contest Oddity	N0AX	94	Jan/Feb	18
Contest Addiction	K3MD	04	Sep/Oct	21
Contest University 1993 Syllabus		93	Jul/Aug	9
Contesteria	AB0X	81	May/June	7
Diary of a Mad Contester	K9IR	03	May/June	16
Dupe City	AJ6V	93	May/June	15
Five Easy-to-Apply Contest Tips from a Rabid Contester	W7DRA	04	Sep/Oct	15
Food and the Single Operator	K3MD	04	Nov/Dec	14
God is on My Side	AA6YD	93	May/June	7
The Last CW DX Contest CW QSO	K3MD	05	Mar/Apr	23
Let’s Play “Looney Bin”	W8AP	84	Jan/Feb	6
Little Billy, Nine Holes and World Peace	N6AA	93	Sep/Oct	21
NCCC DX Contest Quiz #1	W1ARR	81	Sep/Oct	9
NCJ Profile: Tater DeMalion, W4QRO	LA1ON	96	Mar/Apr	24
Not the Contester’s Code of Ethics	N1RC	85	Jan/Feb	4
The National Contesters’ Quiz	K2VV	79	May/June	15
The Old-Timer and the Newbie Contester	K3MD	05	Nov/Dec	21
The 100 W Contest Final - Revisited	W7DRA	04	Jul/Aug	9

The Prestigious Contest Character Awards (CCA) for 2002-2003	K7RE	03	Mar/Apr	37
The Profile of a Gun		80	Jan/Feb	5
Reflections on the 2005 CQWWW Contest	K1DG	95	Sep/Oct	7
Return of the Quarter Century Appliance Operators		93	May/Jun	31
Sour Grapes - Contester Style	K7BV	00	Jan/Feb	54
Storm Magnet - KOOB Field Day '97	K0OB	98	May/Jun	9
The Battle of San Francisco	W6OAT	98	Jul/Aug	11
Tall Tales, Tails, Nuts and Oaks	W1NN	00	Mar/Apr	9
The Top Ten Things that Happen when Conditions are Bad	KA9FOX	95	May/Jun	32
Up Close and Personal?	YCCC	80	May/Jun	6
You Can't Tune the Same Band Twice	K3EST	94	Nov/Dec	10
You Know You Have Been Contesting Too Long . . .	N4TY	84	Mar/Apr	19
You Know You're Loud When...	NJ2L	93	Nov/Dec	32

### Miscellaneous

The 11 <sup>th</sup> Annual Dayton Contest Dinner	K3LR	03	Sep/Oct	14
The 12 <sup>th</sup> Annual Dayton Contest Dinner	K3LR	04	Jul/Aug	25
The 13 <sup>th</sup> Annual Dayton Contest Dinner	K3LR	05	Jul/Aug	7
The 52 <sup>nd</sup> W9DXCC Convention - Not Just For Dxers	K9KM	05	Jan/Feb	26
1984 Dayton CW Pileup Competition	K0RWL	84	Jul/Aug	6
1994 Dayton Contest Dinner	K3LR	94	Mar/Apr	13
2003 Hamvention Contest Forum Report	K1DG	03	Jul/Aug	24
The 3830 Reflector	N7WA	04	Nov/Dec	15
A Day in the Life - A Tongue-in-Cheek Look at Some Typical Problems Handled by the ARRL Contest Branch	N1ND	05	Sep/Oct	28
Adding a COM2 Port to Laptop Computers	K4VX	96	Mar/Apr	18
An Open Letter About Signal Reports in Contests	N7RR	05	Mar/Apr	14
An Open Letter: The Ethics of Contesting	OH1VR	04	Jul/Aug	27
Announcing: The NCJ Contest Classified Service	KM9P	92	Mar/Apr	16
Announcing the First Annual Gridloc (Grid Location) Contest	WB5VZL	95	Mar/Apr	22
Annual Station Maintenance (Contest Tips, Tricks & Techniques)	W9XT	03	Sep/Oct	35
Annual Who's Who Cross-Reference Issue	K5RC, K5TM	78	Nov/Dec	1
ARRL Adopts Cabrillo File Format for Electronic Contest Submissions	N1ND	99	Nov/Dec	7
ARRL Launches Bi-Weekly E-Mail Contest Newsletter	N1RL	02	May/Jun	18
At Least I Won a Letter Opener	K9LA	96	Nov/Dec	25
Attracting More Sheep to the Fold	W5ZL	04	Nov/Dec	20
Attracting Young Contesters (Contest Tips, Tricks & Techniques)	W9XT	00	Nov/Dec	30
Attracting Young Contesters: Letter	WM5R	01	Jan/Feb	46
Avoiding Fatigue - Part 1 (Contest Tips, Tricks & Techniques)	W9XT	01	Mar/Apr	30
Avoiding Fatigue - Part 2 (Contest Tips, Tricks & Techniques)	W9XT	01	May/Jun	28
Audio Recording Software (Software for Contesters)	N4ZR	04	Sep/Oct	42
Automated HF CW Contesting	S57MM	94	Jan/Feb	10
Back Into Contesting After 11 Years	IK2DZN	04	Nov/Dec	18
The band isn't Closed until the Contest is Over	WM2C	96	Sep/Oct	17
Beetle Valley QSO Party	N6AA	94	Nov/Dec	9
Beetle Valley Virus: A Warning to All Phone Contesters	VK5GN	95	May/Jun	12
Behind the Scenes: Log Checking for the 1999 ARRL 10-Meter Contest	K8CC	01	Jan/Feb	15
Behind the Scenes of A Rent-a-QTH	K2KW	01	Jul/Aug	31
Best of the NCJ Issue		85	Jul/Aug	
Best Weapons of Little Pistols - Part 1 (Contest Tips, Tricks & Techniques)	W9XT	02	Jul/Aug	15
Best Weapons of Little Pistols - Part 2 (Contest Tips, Tricks & Techniques)	W9XT	02	Sep/Oct	37
Bosnia and Herzegovina Contesting Revealed	T93Y	00	Sep/Oct	20

Budget Computing – Two Philosophies (Contesting on a Budget)	K5AF	03	Mar/Apr	35
Building a Contest Team (Contest Tips, Tricks & Techniques)	W9XT	98	Jul/Aug	19
Building a New Contest Station - Part 1	N3HBX	05	Nov/Dec	13
Building Contesting Enthusiasm: Revitalizing the MWA	K0AD	03	Mar/Apr	3
A California Contester in King Dyer's Court - A Contester's Perspective on the Visalia International DX Convention	N6XI	02	Sep/Oct	19
Caribbean Contesting at P40V and P49V	W6QHS	94	Sep/Oct	12
Changes in ARRL Contest Reporting	K1RO	02	Sep/Oct	45
Changes in Contesting Over the Years (Contest TT&T)	W9XT	04	Sep/Oct	40
Checking Your RTTY Log	N1RCT	99	Mar/Apr	35
CLX - What is it?	DL6RAI	98	Nov/Dec	32
Comfort in the Tropics (Contest Traveler)	V31JP	01	Mar/Apr	22
Common Date/Time Standard for Amateur Radio	G1SMD	98	Nov/Dec	40
Computing and Contesting	K5QY	83	May/June	8
Computer Logging—A Postcontest Approach	K5TM	80	Nov/Dec	8
Computer Logging Errors	K5ZD	90	Sep/Oct	18
Computers and Ham Radio Contesting —Part 1	N6BV	90	Jul/Aug	8
Computers and Ham Radio Contesting —Part 2	N6BV	90	Sep/Oct	7
Computers and Ham Radio Contesting —Part 3	N6BV	90	Nov/Dec	9
The Connecticut Wireless Association	W1NJM	02	Sep/Oct	27
Contest Amplifier Quiz	N0AX	95	Sep/Oct	14
Contest Clubs (Contest Tips, Tricks & Techniques)	W9XT	98	Mar/Apr	28
Contest Club Finland	OH1EH	99	Mar/Apr	6
Contest Club Finland's 6 <sup>th</sup> International Contest Meeting in Helsinki, Finland	OH1EH	00	May/June	21
Contest Coverage in <i>QST</i>	K1KI	86	Jan/Feb	8
The Contest Critics	K2WR	94	Jul/Aug	4
Contest Entries by Electronic Means: The Wave of the Future	KR1R	91	Nov/Dec	10
Contest Forum Roundup at the Dayton 2002 Hamvention	K1DG	02	Sep/Oct	16
The Contest Forum at the Visalia International DX Convention 2003	N6TV	03	Jul/Aug	18
Contest Helper (ARRL DX Contest Multiplier Checklist)		03	Jan/Feb	17
Contest Preparation (RTTY Contesting)	K7WM	01	Mar/Apr	32
Contest Quiz #1: North American Contesting	N0AX	94	Nov/Dec	12
Contest Quiz	N0AX	95	May/June	14
Contest Rate Counter	KG5U	89	Nov/Dec	12
Contest Rules in Plain Language	KR2Q	96	May/June	14
Contester and the DX Respondents	N2FYT	99	Nov/Dec	6
Contesting and QSL Volume (Correspondence)	K4WI	02	Sep/Oct	3
Contesting and QSL Volume (Replies)	K2UT,NI6T, WA9ALS, 5B4AGC, W7TSQ,N4ZR			
Contesting as the Sunspots Decline (Contest Tips, Tricks & Techniques)	W9XT	02	May/June	40
Contesting at HAMCON Colorado	N0WBV	03	Sep/Oct	28
Contesting Cuisine at the 2002 Dayton Hamvention	K1AR	02	Sep/Oct	18
Contesting for New Hams	KG4LTB	04	Sep/Oct	16
Contesting from Borneo	SM0JHF	03	May/June	10
Contesting from the British Virgin Islands	N7MQ/VP2V	99	Sep/Oct	11
Contesting from Outside the Target Area (Contest Tips, Tricks & Techniques)	W9XT	02	Nov/Dec	39
Contesting in Sweden	SM0JHF	01	Jan/Feb	12
Contesting in the Past (Contest Tips, Tricks & Techniques)	W9XT	00	Jan/Feb	32
Contesting in the 21 <sup>st</sup> Century	K3WW	97	Nov/Dec	13
Contesting: What's All the Fuss About?	WR3O	94	May/June	11

Contestmania	I2UIY	94	Jan/Feb	14
CTUpdate	K1VR	90	Sep/Oct	15
CQ Worldwide Quiz	K5GN	90	Sep/Oct	14
Customs (The Contest Traveler)	K8JP	02	Mar/Apr	25
A Day in the Life of 40 Meters in Thailand	K3ZO	94	Jan/Feb	6
A Day in the Life of a WRTC-2002 Referee	G4BUO	02	Nov/Dec	8
Dayton CW Pileup Contest 2002		02	Sep/Oct	15
Dayton Hamvention Contest Forum Report	K1DG	04	Jul/Aug	23
The 2005 Dayton Contest Forum	K1DG	05	Jul/Aug	21
Dayton Revisited	K1ZM	77	Sep/Oct	8
Dayton 1991: A Photo Essay	K1TMM	91	Jul/Aug	10
Dayton 1993 Photo Essay	WW1M	93	Sep/Oct	18
Dayton 1994 Photo Essay	WW1M	94	Jul/Aug	9
Dayton 1995 PhotoFest	WW1M	95	Sep/Oct	34
Dayton 1997 Photos	K8CX	97	Sep/Oct	36
Dayton 2000	K8CX	01	May/June	40
Dxing = Connections = Friendships = World Peace?	Cindy Howard	04	Nov/Dec	19
A DXpedition to Paradise - with Room Service - T88SH Palau	K7USJ	00	Sep/Oct	28
DX Spotting and Networking in Contesting - Past, Present and Future	K1TTT	01	Mar/Apr	14
Shorts: DX Spotting and Networking in Contesting	K1TTT	01	Sep/Oct	37
The East Coast Advantage	WA8YVR	87	Sep/Oct	12
Elmer's Still Alive ... and Contesting	W5SB, K1OJ	01	Nov/Dec	11
The Evolution of the WRTC	NT1N	00	Jan/Feb	23
Favorite Tips (Contest Tips, Tricks & Techniques)	W9XT	04	Jan/Feb	25
Field Day OE9S-tyle Contesting	OE2VEL	99	Jul/Aug	4
The Finnish Way to WRTC2006	OH2BH	05	Jul/Aug	13
First-Timer's Guide to Electronic Mail and the Internet	N6TV	94	Jan/Feb	12
Florida CW Contest Group is Formed	K1ZX	94	May/June	25
Florida Contest Group Energizes W1AW/4	K4OJ	01	Jul/Aug	10
Florida, Wisconsin, Georgia, Pennsylvania and Michigan QSO Parties	N4BP	00	Sep/Oct	30
From the CQWW Contest Committee	K3EST	90	May/June	8
The Fun of Being a Guest Operator	W3BBO	04	May/June	26
The Fun of Being a Host Station	W3TX	04	May/June	24
Fun with State QSO Party Statistics	KD8MQ	03	Jan/Feb	9
"FYBO" - It's <i>Not</i> Just Another Four-Letter Word (Contesting for Fun)	K7RE	02	Jan/Feb	15
The Geography of Contesting in the United States	WM5R	04	Sep/Oct	12
Getting It Right for the First Time - A Station Builder Confesses His Addiction		01	Nov/Dec	14
Getting Your Computer Ready for the Contest Season	AD1C	93	Nov/Dec	26
Goodwill Games Team Rules and Update	W6OAT	90	Jul/Aug	11
A Guest Spot o the Desert Radio Contesters Team	SM0JHF	01	Mar/Apr	12
Hired Gun's Dream	KY7M	87	Nov/Dec	18
Homebrew Contest Station	K5AM	98	Jul/Aug	12
Hoosier DX and Contest Club	WN9O	02	May/June	45
How Much Is a dB?	OE5CWL	03	Sep/Oct	9
How Much Is an S Unit?	OE5CWL	03	Jul/Aug	3
How to Get CTUpdates via Telephone Modem—A Primer	N3RD	93	May/June	9
IMD and Contesting	K7LXC	90	Nov/Dec	13
The Importance of Local Terrain on the Launch of HF Signals	N6BV	95	Nov/Dec	5
Inexpensive Information Management (Contesting on a Budget)	K5AF	05	Mar/Apr	33
International Reply Coupons	K7BV	01	May/June	14
Internet Tools for Contesters	N7VS	99	Sep/Oct	6
An Introduction to Contesting for Little Squirts	KO9Y	95	Jul/Aug	10
Isle of Man, GD4UOL - 1988 to 1998	G4UOL	99	Nov/Dec	8

Journeying to the Turks and Caicos	W5ASP	93	Nov/Dec	28
K1VR's Lessons for the Masses	K1VR	97	Mar/Apr	18
KC DX Club CW Pileup Contest	K0VBU	95	Nov/Dec	27
KCDXC CW Pileup Contest (1996)	K0VBU	96	Sep/Oct	32
Line Noise and Dealing with Your Local Cooperatives	AA4NU	97	Mar/Apr	17
Log Analysis with Excel - Computing the Sprint Doofus Factor	N0AX	02	Sep/Oct	12
Log Checking in the ARRL Contest Branch	KR1R	92	Mar/Apr	12
Log Checking by ARRL HQ: An Analysis	K3ZO	92	Nov/Dec	11
Logging Accuracy and Uniques	G3SXW	90	Mar/Apr	15
Logging Accuracy Estimates for Serious DX Contest Participants	N6AA	90	May/June	11
Logging Accuracy: QSL Cards, Error Rates and Unique Rates	KC1F	93	Mar/Apr	8
Logs and Robots and Cabrillo ... <i>Oh My!</i>	N1ND	01	Nov/Dec	17
A Look Back at Dayton 2003	N5OT	04	Mar/Apr	16
Low Power, Low Wires, and High Expectations	KB8N	96	May/June	11
Luring More People into Contesting	VE7FO	05	Jan/Feb	28
The Magic Homebrew Elixir (Contesting for Fun)	K7RE	01	Nov/Dec	30
Meaningful Contest Exchanges	K6VVA	04	May/June	23
Measuring Improvement (Contest Tips, Tricks & Techniques)	W9XT	00	Mar/Apr	27
Memories of My First JOTA	WR1B	00	Sep/Oct	11
Midwest "Antz" Invade Contests!	K9IR	03	Sep/Oct	22
Milliwatting	N4BP, K7TQ, N9AW	01	Mar/Apr	23
Mode Specific Tips (Contest Tips, Tricks & Techniques)	W9XT	04	Jul/Aug	35
More on Contest Ethics	K3MD	05	Sep/Oct	30
Morse and Popular Music	AA6TT	94	Mar/Apr	18
Motivation (Contest Tips, Tricks & Techniques)	W9XT	98	May/June	25
Multilingual Contesting Vignettes	KF9PL	95	Sep/Oct	22
My Favorite Op (Scott Redd, K0DQ)	W0UA	93	Sep/Oct	9
N5TR/M Hits the Road Again	K5MR	87	Nov/Dec	16
N6TR Simulator Results from Dayton 1995	Sultans	95	Nov/Dec	34
<i>NCJ</i> Reader Survey		87	Nov/Dec	20
<i>NCJ</i> Reader Survey	KM9P	90	Sep/Oct	10
<i>NCJ</i> Reader Survey	KM9P	90	Nov/Dec	13
<i>NCJ</i> 1999 Contester "Hot Picks"	K7BV	99	Mar/Apr	3
1993 <i>NCJ</i> Reader Survey	K5RC	93	May/June	11
1993 <i>NCJ</i> Survey: A Preview	K5RC	93	Nov/Dec	29
<i>NCJ</i> 20th Anniversary Trivia Quiz		92	Jan/Feb	33
<i>NCJ</i> : Then and Now - K5KG, K5RC, W5FU, K5ZD	K5RC	04	Sep/Oct	23
<i>NCJ</i> Snapshots - N5KO Elected to CQ Contest Hall of Fame; N8NR		04	Sep/Oct	43
<i>National Contest Journal</i> Cumulative Index, 1973-1996	K5ZD, WN4KKN, NJ2L, K1RO	97	Jan/Feb	30
A New Dimension in Contesting: A Web Scoreboard for the Spectator Audience	OH6KN	02	Nov/Dec	15
The New Face of Homebrewing (Contesting on a Budget)	K5AF	02	Jul/Aug	24
Observations from WRTC '96	K5RC	96	Nov/Dec	10
Oh, So That's What You Look Like!	AA5B	96	May/June	18
Oh, So That's What You Look Like!	AA5B	96	Jul/Aug	24
Oh, So That's What You Look Like!	AA5B	96	Sep/Oct	29
Oh, So That's What You Look Like!	N3RR	96	Nov/Dec	31
That Old Contest Itch - No, It Ain't Them Bugs Neither	K7RE	04	Jul/Aug	34
On the Road to More Interesting Contest Exchanges: Alternatives to 599/59	TA2ZO	95	Mar/Apr	5
One Computer Running DOS and Windows	W5BAK	02	Sep/Oct	26

Op Ed: Club Competition Considered Harmful Responses to November/December Op Ed	WM5R W9WI,N2MG,W 5TA,K5NZ, K0OB	02	Nov/Dec	29
The Origin of the 40 Below Barenaked Contesters	VE4GV	94	Mar/Apr	38
Our Contest Growth Curve	W2MB	98	Nov/Dec	35
PacketCluster—Packet Mult Spotting	AK1A	86	Nov/Dec	20
Past, Present and Future of the WRTC Concept	OH2BH	02	Jul/Aug	3
The Perfect Spot (Contest Expeditions)	K2KW	01	Mar/Apr	36
Point/Counterpoint: The WPX Contest	CT1BOH, KM9P	94	May/Jun	12
The Polish Yagis vs Quads Big Gun Shootout	SM0JHF	00	Sep/Oct	4
Polish Yagis vs Quads Big Gun Shootout Update		01	Jan/Feb	13
Powerful Low-Cost Software (Contesting on a Budget)	K5AF	03	Sep/Oct	43
The Prioritization Matrix - A Smart Way to Make Purchasing Decisions (Contesting on a Budget)	K5AF	05	Nov/Dec	40
A QRPP Journal: Tales of Chasing the Miles per Watt Records and QRPP DXCC	KJ5TF	01	Mar/Apr	24
QRPTTF 2001: A Space Odyssey Soapbox	K0CO, N0UR	01	Jul/Aug	18
QSLs Online by SK0UX	SM0DRD	97	Nov/Dec	11
QTC de YO	YO3FWC	98	Jul/Aug	18
Radio Commentary	W9SU	87	Nov/Dec	12
Rascals on 20!	N0AX	94	Sep/Oct	11
Rating System Flaw?	WA7BNM	95	Nov/Dec	17
Reconfiguring your station (Contest Tips, Tricks & Techniques)	W9XT	03	Mar/Apr	32
Reducing Local RFI	W9XT	94	Jul/Aug	16
Results of the 1981 <i>NCJ</i> Survey	K5RC	81	Jul/Aug	15
Resuscitation of a Caribbean DX Legend	W8TK	01	Sep/Oct	11
The 1992 RSGB High-Frequency Convention	K3RV	93	May/Jun	17
RTTY- An Alternative Mode for Contesting and Achieving DXCC	YB0UNC	00	Mar/Apr	34
RTTY Contesting - A Gentlemen's Radio Sport	GU0SUP	02	May/Jun	27
Saving Money through Planning (Contesting on a Budget)	K5AF	04	Nov/Dec	25
Self-Investment - the Best Investment (Contesting on a Budget)	K5AF	05	Jan/Feb	35
Shortwave Listening - Multi-Multi Style	BRS32525	99	Sep/Oct	9
Should We Have a Rating System for Contesters?	W9XT	01	Jan/Feb	25
A Simple QSL Generator for <i>CT</i>	K5ZD	90	Mar/Apr	14
Single-Op USA Championship	KM9P	90	Mar/Apr	16
Single Operator, Multi Station	K8MR	94	Mar/Apr	15
A Sleep Strategy for DX Contesting	K5ZD	94	Sep/Oct	8
Society of Midwest Contesters Recognizes K9PG		03	Sep/Oct	21
Software for Contesters	N4ZR	05	Sep/Oct	36
Some Food for Thought	N9EJ	92	Mar/Apr	10
State QSO Parties - Fertile Ground for Future Contesters	K3PP	00	Mar/Apr	6
State QSO Parties - Part 1 (Contest Tips, Tricks & Techniques)	W9XT	00	Jul/Aug	27
State QSO Parties - Part 2 (Contest Tips, Tricks & Techniques)	W9XT	00	Sep/Oct	24
Station Layout - Part 1 (Contest Tips, Tricks & Techniques)	W9XT	01	Jul/Aug	29
Station Layout - Part 2 (Contest Tips, Tricks & Techniques)	W9XT	01	Sep/Oct	25
Station Layout - Part 3 (Contest Tips, Tricks & Techniques)	W9XT	01	Nov/Dec	24
Stealth Contesting - Part 1 (Contest Tips, Tricks & Techniques)	W9XT	05	Jul/Aug	24
Stealth Contesting - Part 2 (Contest Tips, Tricks & Techniques)	W9XT	05	Sep/Oct	31
Stealth Operation in the CQ WPX 2004	W7DRA	05	Jan/Feb	16
Suggestions for the Young Blood Contesteer	K5AF	02	Mar/Apr	31
Surviving the Cabrillo Contest Log Format	VK7VH	05	Mar/Apr	8
A System for Rating Contest Operators	N0AX	95	May/Jun	19
Take 5! Fighting Fatigue in Long Radio Contests	KC5DTH	95	Mar/Apr	15

Taking Contesting to New Heights	K9LA	03	Mar/Apr	17
Tales of Chasing Worked All States QRPp	WD3P	01	Mar/Apr	25
The World's Toughest Radio Contest	KZ5MM	98	Nov/Dec	8
Theories on Contesting (Contester's Manifesto)	KE3Q	97	Sep/Oct	21
'Tests, Guests and the Rest	WZ3Q	96	Mar/Apr	17
Three Cycles of Perspective on WRTC	N0AX, OH2BH	02	Jul/Aug	9
Time Spent on Non-Operating Contest Related Activities (Contest TTT)	W9XT	04	Mar/Apr	36
Time Spent on Non-Operating Contest Related Activities - Part 2	W9XT	04	May/Jun	35
To Contest - Covenants Be Damned	NE4S	00	Sep/Oct	12
Top Scores, 1989 USSR-USA Goodwill Contest	UW3AX	90	Mar/Apr	31
Training New Contesters—Do a Multiop!	K8CC	90	May/Jun	16
A Transition from Dxr to Contester	N7MQ	05	May/Jun	4
Travel Arrangements	K8JP	97	Jul/Aug	21
Travel Update	K2KW	03	Mar/Apr	33
Traveling with Equipment and Antennas - Special Handling	K8JP	97	May/Jun	22
Trey's Travels (photos)	WN4KKN	93	May/Jun	14
The Two Types of Iambic CW Keying	W6QHS	93	Sep/Oct	23
UBN Reports (Contest Tips, Tricks & Techniques)	W9XT	02	Mar/Apr	39
Unlocking the Secrets of Success: WRTC-2002 Finland	K3NA	02	Sep/Oct	4
Unlocking the Secrets of Success Part 2: WRTC-2002 Finland	K3NA	02	Nov/Dec	3
Who's Who? A Vanity Reference	K4MA	97	Jan/Feb	28
A Vanity Who's Who Part II	K4MA	97	Sep/Oct	22
Visalia 1990—A Photo Essay	K5RC	90	Jul/Aug	12
Visalia 1994 – A Review	N0AX	94	Jul/Aug	8
Visalia 2004	N0AX	04	Jul/Aug	14
A Visit to the NCJ Archives - A 30 <sup>th</sup> Anniversary History Quiz	N0AX	02	Mar/Apr	13
The Voice of Egypt (SU2MT)		94	Jan/Feb	36
What's It Cost? (Contest Traveler)	K8JP	98	Jul/Aug	21
Where Are They Now? Silent Keys, Visalia 1998	K5RC	98	Sep/Oct	24
Why I Don't Do SO2R	K3ZO	01	Sep/Oct	14
Winning	KM9P	93	Nov/Dec	12
W/VE Results of the 1986 All Asian DX CW Contest	KR1R	87	Sep/Oct	27
W/VE Results of the 1986 WAEDC RTTY Contest		87	Sep/Oct	28
Work those Dupes!	AC1O	96	Sep/Oct	18
Worked All WRTC-2002 Awards		02	Jul/Aug	4
World RadioSport Federation: Applying New Approaches to Old Problems	W2GD	90	Nov/Dec	8
World RadioSport Federation Moves Forward	W2GD	91	Jul/Aug	16
World Radiosport Team Championship	K7LXC	90	May/Jun	9
World Radiosport Team Championship Wrap-Up	K7LXC	90	Sep/Oct	11
World Radiosport Team Championship		95	Mar/Apr	21
The 1996 World Radiosport Team Championship	W6OAT	96	Jul/Aug	12
The 1996 World Radiosport Team Championship Final Results	K2MM, W6QHS	96	Sep/Oct	31
W9XT/s Favorite Tips (Contest Tips, Tricks & Techniques)	W9XT	03	Nov/Dec	35
WRTC - Onward to 2002!	OH1EH	01	May/Jun	22
WRTC-2000 Announcement	S50A	98	Jul/Aug	10
WRTC2000 Communique 2, 3, 3A	S50A	99	Jul/Aug	13
WRTC2000 Communique 6	S50A	00	Jan/Feb	24
WRTC2000 Memories	N3BB/5	00	Sep/Oct	9
WRTC2000 Operator Team Update	NT1N	00	Mar/Apr	20
WRTC2000 - The S582A Story	K1DG	00	Sep/Oct	5
WRTC2000 - The US Guys	NT1N	00	May/Jun	19
WRTC2002 - Ready to Go!	OH1EH	02	May/Jun	17
WRTC-2002 Round-Up	OH2BH	03	Jan/Feb	8

WRTC-2002 Wraps Up In A True Formula One Spirit	OH2BH	03	Mar/Apr	27
WRTC+K1TO+KR0Y=W6X	K1TO	96	Nov/Dec	5
World Wide Young Contesters Club	KL9A	00	May/Jun	13
The WWDXC Contest College	WA0RJY	96	May/Jun	9
Yaesu and WRTC2006 in Brazil, and Beyond	OH2BH	05	Nov/Dec	37
YCCC Announces First Annual Dxpediton Award Program		04	Jul/Aug	8
Yls in Contesting – The January 2002 NAQP SSB	N0WBV	03	May/Jun	31
Young Contesters	SM0JHF	02	May/Jun	15

### NCJ Profiles

A New Generation of Contesters: AA9OC, KG8PE and AB5LX	N0AX	96	May/Jun	20
Jay "J." Allen, VY1JA	N0AX	00	Sep/Oct	17
Bolmar Aguilar, HK1AMW	W9SU	88	Mar/Apr	16
Wilbur "Bip" Bachman, W6BIP	N0AX	93	Mar/Apr	16
Robert Bajuk, S57AW	N0AX	00	May/Jun	26
Pat Barkey, N9RV	N0AX	01	Jul/Aug	14
Mark Beckwith, N5OT	N0AX	99	Mar/Apr	16
Brian Beezley, K6STI	N6AZE	94	Mar/Apr	19
Ivan Belvis, KP4FI	W9SU	87	Jul/Aug	8
Don Binkley, N4ZZ	W2GD	87	Jul/Aug	9
Ed Bissell, W3AU (Where Are They Now?)	K5RC	98	May/Jun	24
Andy Blank, N2NT	W2GD	89	Sep/Oct	14
Brian Bogh, N7LOX	N0AX	96	Jan/Feb	9
Jeff Bolda, WC4E	W2GD	91	Sep/Oct	17
Rich Boyd, KE3Q	N0AX	00	Jan/Feb	28
Mary Lou Brown, NM7N, SK	NM7M	99	Jul/Aug	11
Ralph Bowen, N5RZ	W2GD	92	Jan/Feb	40
James Brooks, 9V1YC	N0AX	98	Jul/Aug	16
Chris Burger, ZS6EZ	N0AX	97	Jul/Aug	11
Steve Cole, GW4BLE	W9SU	89	Mar/Apr	18
Chuck Coleman, K5LZO	W2GD	88	Sep/Oct	18
Paolo Cortese, I2UIY	W9SU	91	Jul/Aug	17
John Devoldere, ON4UN	W9XT	92	Jan/Feb	41
John Dorr, K1AR	W2GD	88	May/Jun	13
Rush Drake, W7RM	K7JA	05	May/Jun	26
Todd Dravland, WD0T	N0AX	97	Sep/Oct	14
Tim Duffy, K3LR	K9PG	02	Sep/Oct	35
Rusty Epps, W6OAT	W2GD	90	Jan/Feb	14
Dan Eskenazi, K7SS	W2GD	88	Jan/Feb	12
Bill Fisher, KM9P	N0AX	96	Sep/Oct	19
Bill Fisher, W4AN, Silent Key	N1RL	04	Jul/Aug	13
Gordon Fogg, N5AU (Where Are They Now?)	K5RC	98	May/Jun	22
Dick Frey, K4XU	N0AX	95	Jan/Feb	20
Charles Fulp, K3WW	N0AX	98	Nov/Dec	26
Jim George, N3BB/5 (Where Are They Now?)	K5RC	98	Mar/Apr	25
Paul Gentry, K9PG	K9PG	02	Mar/Apr	29
John Golomb, KZ2S	W2GD	90	Nov/Dec	15
Brett Graham, VR2BG	N0AX	97	May/Jun	8
Dale Green, VE7SV	W9SU	89	May/Jun	23
Clarke Greene, K1JX (Where Are They Now?)	K5RC	98	Nov/Dec	45
Ernesto Grueneberg LU2BRG	N0AX	98	Jan/Feb	8
Rus Healy, K2UA	N0AX	01	Mar/Apr	19
Felipe Hernandez, NP4Z	N0AX	96	Jul/Aug	17

Ville Hiilesmaa, OH2MM	W9SU	88	Sep/Oct	19
Martin Huml, OK1FUA/OL5Y	N0AX	00	Nov/Dec	26
Leigh Jones, KR6X	N0AX	01	Jan/Feb	17
Ken Keeler, N6RO	W2GD	91	Nov/Dec	17
Bill Kennamer, K5FUV	N0AX	98	Sep/Oct	17
Chad Kurszewski, WE9V	K9PG	02	Nov/Dec	27
Dietmar Kiesewetter, VK2APK	W9SU	91	Jan/Feb	17
Jon Kimball, NL7GP	N0AX	93	May/Jun	24
Ken Kopp, K0PP	N0AX	93	Jul/Aug	13
Phil Koch, K3UA	W2GD	90	Mar/Apr	17
Tack Kumagi, JE1CKA	W9SU	89	Sep/Oct	17
Bernd Laenger, DL1VJ	N0AX	94	May/Jun	15
Martti Laine, OH2BH	W9SU	88	Jan/Feb	13
John T. Laney, III, K4BAI	W2GD	90	Jul/Aug	15
Serge Langlois, VE2AWR	K9PG	02	May/Jun	25
Fred Lass, K2TR	W2GD	87	Nov/Dec	31
Jeff Le Fouler, F6AOJ	W9SU	91	Nov/Dec	17
Steve London, N2IC	W2GD	87	Sep/Oct	20
Steve Lufcy, K0OU	N0AX	99	Sep/Oct	24
Rex Maner, K7QQ	N0AX	99	Jul/Aug	15
Gerry Mathis, W3GM	W2GD	91	May/Jun	13
Yoshiyuki Matsuda, JH4NMT	N0AX	94	Jan/Feb	11
Bill McCarthy, K5GA	K9PG	03	Jan/Feb	12
Ron Mensch, DK3GI	W9SU	88	Nov/Dec	16
Don Moman, VE6JY	KW9KW	97	Jan/Feb	7
Bob Morris, W4MYA	N0AX	00	Jul/Aug	15
Jeff Morris, 9H1EL	SM0JHF	02	Jan/Feb	10
Jim Muller, VK1FF	N0AX	97	Nov/Dec	9
Satoshi "Saty" Nakamura, JE1JKL	N0AX	95	Sep/Oct	19
Jim Neiger, N6TJ	W9SU	90	Mar/Apr	18
Paul Newberry, N4PN	K9PG	04	Nov/Dec	22
Katashi Nose, KH6IJ	W9SU	88	Jul/Aug	16
Aloha KH6IJ	W1YL	94	Jul/Aug	5
Jose Nunes, CT1BOH	N0AX	96	Nov/Dec	23
Toshiro Ogino, JI1QPU	W9SU	88	May/Jun	12
Oms, PY5EG	N0AX	95	Mar/Apr	23
Leif Ottosen, OZ1LO	W9SU	90	May/Jun	19
Dave Patton, W00G	W2GD	90	Sep/Oct	20
Pierre Petry, HB9AMO	W9SU	89	Jul/Aug	17
Ron Pitts, AH6AZ	N0AX	95	May/Jun	18
Prince George Contest Club, VE7ZZZ	W9SU	89	Nov/Dec	16
Radio Club Cerkno, S50E	K7BV	97	Nov/Dec	17
Hillar Raamat, N6HR	N0AX	99	May/Jun	24
Jim Rafferty, N6RJ, SK	K7JA	93	Sep/Oct	7
Bill Rindone, WA6SBO/VE7SBO (Where Are They Now?)	K5RC	98	Jan/Feb	15
Scott Robbins, W4PA	K9PG	03	Sep/Oct	33
Jerry Rosalius, WB9Z	KW9KW	97	Mar/Apr	10
Jacques Saget, F6BEE	W9SU	90	Jan/Feb	15
Jorma Saloranta, OH2KI	W9SU	91	May/Jun	14
Stuart Santleman, KC1F	W2GD	90	May/Jun	20
Dainius "Dan" Savicius, LY1DS/LY6M/AC6WL	OH1EH	98	Mar/Apr	9
Lew Sayre, N7AVK	N0AX	95	Jul/Aug	12
George Schultz, W0UA	W2GD	89	Mar/Apr	17
Jack Schuster, W1WEF	N0AX	01	May/Jun	24

Michael Schwab, OE6MBG	W9SU	92	May/Jun	16
Bob Shohet, KQ2M	N0AX	98	May/Jun	17
Mauri Sikanen, OH4RH	W9XT	90	Sep/Oct	19
Ward Silver, N0AX	K5RC	01	Nov/Dec	22
Al Slater, G3FXB	W9SU	87	Sep/Oct	19
In Memory of Al Slater, G3FXB	K5MA	93	Jan/Feb	9
Rich Smith, N6KT	N0AX	94	Mar/Apr	21
Homer Spence, K7RA	N0AX	91	Mar/Apr	12
Jim Stevens, K4MA	N0AX	99	Jan/Feb	21
Jeff Steinman, N5TJ	K5KA	02	Jan/Feb	14
Bill Straw, WB0O	W2GD	89	Nov/Dec	17
Dan Street, K1TO	W2GD	88	Nov/Dec	17
Tyler Steward, K3MM	N0AX	97	Mar/Apr	14
Steve Sussman, W3BGN	W2GD	88	Mar/Apr	17
Tom Taormina, K5RC (Where Are They Now?)	K5RC	97	Nov/Dec	22
Tom Taormina, K5RC	N0AX	01	Sep/Oct	15
Mike Tessmer, N0BSH	N0AX	95	Nov/Dec	20
Lew Tompkins, N2LT	W2GD	89	May/Jun	22
Larry "Tree" Tyree, N6TR	W2GD	92	Sep/Oct	14
Orville "Orvy" Viers, W7AAT	N0AX	93	Sep/Oct	25
Gene Walsh, N2AA	N0AX	94	Jul/Aug	19
Peter Watson, ZL3GQ	W9SU	89	Jan/Feb	14
Jim White, K4OJ	N0AX	98	Mar/Apr	14
Jim White, K4OJ - SK	K9PG	04	May/Jun	31
Lee Wical, KH6BZF	W9SU	90	Jul/Aug	14
Derek Wills, AA5BT	N0AX	94	Nov/Dec	13
Bob Wilson, N6TV	N0AX	99	Nov/Dec	20
Tatsuro Yamaski, JA5BJC	W9SU	87	Nov/Dec	30
Young Contesters - The Promise of a Future	K7BV	00	Jan/Feb	5
Doug Zweibel, KR2Q	N0AX	00	Mar/Apr	22

### North American Sprint

Ask Joe-Bob Marconi (Sprint hints)		93	Sep/Oct	20
A Dxpedition to KL7 for the CW Sprint	N6TR	05	Jan/Feb	23
Confessions of a Middle Man	K5KA	05	Jan/Feb	25
The North American Sprint - A Retrospective	W6OAT	04	Jan/Feb	9
The North American Sprint...A Stupid Contest	I2UIY	93	Nov/Dec	13
Operating the CW NAQP from Yellowknife	AC5BR	96	Nov/Dec	15
Proposed Sprint Rule Changes	AA5BT	93	Sep/Oct	22
Results, The First North American Sprint Contest	W6OAT	77	Sep/Oct	14
Results, CW 1978 July	W6OAT	78	Jul/Aug	10
Results, CW 1978 September	W6OAT	78	Sep/Oct	9
Results, CW 1979 February	W6OAT	79	Mar/Apr	10
Results, CW 1979 September	W6OAT	79	Jul/Aug	8
Results, CW 1980 February	W6OAT	80	May/Jun	12
Results, CW 1980 September	W6OAT	81	Jan/Feb	8
Results, CW 1981 February	W6OAT	81	May/Jun	9
Results, CW 1981 September	W6OAT	81	Nov/Dec	14
Results, CW 1982 February	W6OAT	82	Mar/Apr	13
Results, CW 1982 September	W6OAT	83	Mar/Apr	11
Results, CW 1983 February	W6OAT	83	Jul/Aug	13
Results, CW 1983 September	W6OAT	83	Sep/Oct	19
Results, CW 1984 February	W6OAT	84	Jul/Aug	11
Results, CW 1984 September	W6OAT	85	Jan/Feb	21

Results, CW 1985 February	W6OAT	85	Sep/Oct	23
Results, CW 1985 September	W6OAT	85	Nov/Dec	19
Results, CW 1986 February	W6OAT	86	Jul/Aug	27
Results, CW 1986 September	W6OAT	87	Jan/Feb	17
Results, CW 1987 February	W6OAT	87	Jul/Aug	18
Results, CW 1987 September	W6OAT	88	Jan/Feb	23
Results, CW 1988 February	WN4KKN	88	Jul/Aug	28
Results, CW 1988 September	WN4KKN	89	Jan/Feb	25
Results, CW 1989 September	WN4KKN	90	Jan/Feb	26
Results, CW 1990 February	WN4KKN	90	Jul/Aug	30
Results, CW 1990 September	WN4KKN	91	Jan/Feb	25
Results, CW 1991 February	WN4KKN	91	Jul/Aug	31
Results, CW 1991 September	WN4KKN	92	Jan/Feb	59
Results, CW 1992 February	WN4KKN	92	Jul/Aug	27
Results, CW 1992 September	WN4KKN	93	Jan/Feb	27
Results, CW 1993 February	N6TR	93	Jul/Aug	28
Results, CW 1993 September	N6TR	94	Jan/Feb	33
Results, CW 1994 February	N6TR	94	Jul/Aug	26
Results, CW 1994 September	N6TR	95	Jan/Feb	33
Results, CW 1995 February	N6TR	95	Jul/Aug	29
Results, CW 1995 September	N6TR	96	Jan/Feb	30
CW Sprint Corrections (1995 Sept)	N6TR, AA5B	96	Mar/Apr	33
Results, CW 1996 February	N6TR	96	Jul/Aug	27
CW Sprint Corrections (1996 February)	N6TR	97	Jan/Feb	25
Results, CW 1996 September	AG9A	97	Jan/Feb	24
Results, CW 1997 February	AG9A	97	Jul/Aug	28
Results, CW 1997 September	AG9A	98	Jan/Feb	33
Results, CW 1998 February	AG9A	98	Jul/Aug	34
Results, CW 1998 September	AG9A	99	Jan/Feb	40
Results, CW 1999 February	AG9A	99	Jul/Aug	32
Results, CW 1999 September	AG9A	00	Jan/Feb	48
Results, CW 2000 February	AG9A	00	Jul/Aug	29
Results, CW 2000 September		01	Jan/Feb	34
Results, CW 2001 February		01	Jul/Aug	35
Results, CW 2001 September		02	Jan/Feb	34
Results, CW 2002 February		02	Jul/Aug	38
Results, CW 2002 September		03	Jan/Feb	31
Results, CW 2003 February		03	Jul/Aug	44
Results, CW 2003 September	N6TR	04	Jan/Feb	31
Results, CW 2004 February		04	Jul/Aug	43
Results, CW 2004 September		05	Jan/Feb	43
Results, CW 2005 February		05	Jul/Aug	33
Results, Phone 1982 September	K7GM	83	Jan/Feb	13
Results, Phone 1983 February	K7GM	83	Jul/Aug	18
Results, Phone 1983 September	K7GM	84	Jan/Feb	13
Results, Phone 1984 February	K7GM	84	Sep/Oct	15
Results, Phone 1984 September	K7GM	85	Jan/Feb	29
Results, Phone 1985 February	K7GM	85	Sep/Oct	17
Results, Phone 1985 September	K7GM	86	Jan/Feb	26
Results, Phone 1986 February	K7GM	86	Sep/Oct	17
Results, Phone 1986 September	K7GM	87	Jan/Feb	23
Results, Phone 1987 February	K7GM	87	Jul/Aug	22
Results, Phone 1987 September	K7GM	88	Jan/Feb	22
Results, Phone 1988 February	K7GM	88	Jul/Aug	30

Results, Phone 1988 September	K7GM	89	Jan/Feb	28
Results, Phone 1989 February	K7GM	90	Sep/Oct	32
Results, Phone 1989 September	K7GM	90	Jan/Feb	29
Results, Phone 1990 February	K7GM	91	Sep/Oct	32
Results, Phone 1990 September	K7GM	91	Mar/Apr	25
Results, Phone 1991 February	K7GM	91	Jul/Aug	29
Results, Phone 1991 September	K7GM	92	Jan/Feb	62
Results, Phone 1992 February	K7GM	92	Jul/Aug	30
Results, Phone 1992 September	K7GM	93	Jan/Feb	30
Results, Phone 1993 February	K7GM	93	Jul/Aug	31
Results, Phone 1993 September	K7GM	94	Jan/Feb	30
Results, Phone 1994 February	K7GM	94	Jul/Aug	32
Results, Phone 1994 September	K7GM	95	Jan/Feb	30
Results, Phone 1995 February	K7GM	95	Jul/Aug	34
Results, Phone 1995 September	K7GM	96	Jan/Feb	34
Results, Phone 1996 February	K7GM	96	Jul/Aug	30
Results, Phone 1996 September	K7GM	97	Jan/Feb	22
Results, Phone 1997 February	K7GM	97	Jul/Aug	26
Results, Phone 1997 September	K7GM	98	Jan/Feb	37
Results, Phone 1998 February	K7GM	98	Jul/Aug	37
Results, Phone 1998 September	K7GM	99	Jan/Feb	38
Results, Phone 1999 February	K7GM	99	Jul/Aug	40
Results, Phone 1999 September	K7GM	00	Jan/Feb	52
Results, Phone 2000 February	K7GM	00	Jul/Aug	35
Results, Phone 2000 September	K7GM	01	Jan/Feb	39
Results, Phone 2001 February	K7GM	01	Jul/Aug	33
Results, Phone 2002 February	K4MA	02	Jul/Aug	34
Results, Phone 2002 September	K4MA	03	Jan/Feb	28
Results, Phone 2003 February	K4MA	03	Jul/Aug	38
Results, Phone 2003 September	K4MA	04	Jan/Feb	36
Results, Phone 2004 February	K4MA	04	Jul/Aug	40
Results, Phone 2004 September	K4MA	05	Jan/Feb	40
Results, Phone 2005 February	K4MA	05	Jul/Aug	30
Results, RTTY October 2001	K7WM	02	Mar/Apr	41
Results, RTTY March 2002		02	Jul/Aug	37
Results, RTTY October 2002	WA9ALS	03	Mar/Apr	34
Results, RTTY March 2003	W4OX	03	Sep/Oct	44
Results, RTTY October 2003	W4OX	04	May/Jun	47
Results, RTTY 2004 Sprints	W4OX	05	Mar/Apr	38
Rules for the 2000 North American Sprint Contests		00	Jan/Feb	44
Rules, 2000-2001 NCJ Sprints: CW, SSB and RTTY		00	Jul/Aug	43
Rules, 2001 NCJ Sprints: CW, SSB and RTTY		00	Nov/Dec	42
Rules, 2001/2001 NCJ Sprints: CW, SSB and RTTY		01	Jul/Aug	37
Rules, 2002 North American Sprints: CW, SSB and RTTY		02	Jan/Feb	40
Rules, Revised November 11, 2003: Sprint		04	Jan/Feb	28
More Sprint Analysis, Texas Style	K5ZD	82	May/Jun	7
More Sprint Notes	W6OAT	79	May/Jun	13
North American Sprint Team Analysis	N6TR	86	Sep/Oct	7
The North American Sprints Made Simple	K3WW, KM9P	92	Nov/Dec	13
Sprint Hints	K5ZD	83	May/Jun	11
Sprint DXpedition to West Virginia	KB8N	94	Nov/Dec	7
Statistical Log Analysis	K7GM	82	Jan/Feb	7
The September 1986 CW Sprint	KN5H	87	Jan/Feb	13

## North American QSO Party

1987 North American QSO Parties & Log Sheets	K8CC	87	Mar/Apr	13
1991 NAQP Rule Revisions	K8CC	90	Nov/Dec	27
NAQP in for a Check-Up	N5OT	04	May/Jun	14
NAQP CW & SSB Contest Administration Notes	K6ZZ, WA7BNM	99	Jan/Feb	14
NAQP RTTY Rover	WA9ALS	04	Nov/Dec	27
NAQP RTTY Teams and W0ETC (RTTY Contesting)	WA9ALS	05	Jan/Feb	36
Operating the North American QSO Parties	W9XT	93	Mar/Apr	27
Results, 1986	K8CC	87	Mar/Apr	15
Results, 1989	K8CC	90	Mar/Apr	27
Results, 1990	K8CC	90	Nov/Dec	29
Results, 1991 August	KZ2S, KM9P	92	Jan/Feb	56
Results, 1991 January	KZ2S	91	Jul/Aug	25
Results, 1992 January	KZ2S	92	Jul/Aug	23
Results, 1992 August	KM9P, KZ2S	93	Jan/Feb	23
Results, 1993 January	KZ2S	93	Jul/Aug	23
Results, 1993 August	KZ2S	94	Mar/Apr	34
Results, 1994 January	KM9P	94	Sep/Oct	32
Results, 1994 August	W9NQ, N4TQO	95	Mar/Apr	32
Results, 1995 January CW	W9NQ, N4TQO	95	Jul/Aug	26
Results, 1995 January Phone	W9NQ, N4TQO	95	Sep/Oct	30
Results, 1995 August CW	W9NQ, N4TQO	96	Jan/Feb	23
Results, 1995 August Phone	W9NQ, N4TQO	96	Jan/Feb	27
Results, 1996 January CW	W9NQ, N4TQO	96	May/Jun	32
Results, 1996 January Phone	W9NQ, N4TQO	96	May/Jun	36
Results, 1996 August SSB	K6AW	97	Jan/Feb	16
Results, 1996 August CW	K6ZZ	97	Jan/Feb	19
Results, 1996 RTTY	AB5KD, WB5VZL	96	Nov/Dec	33
Results, 1997 January SSB	K6AW	97	Jul/Aug	32
Results, 1997 January CW	K6ZZ	97	Jul/Aug	35
Results, 1997 July RTTY	K5DJ	97	Nov/Dec	31
Results, 1997 August CW	K6ZZ	98	Jan/Feb	29
Results, 1997 August SSB	K6AW	98	Jan/Feb	31
Results, 1998 January CW	K6ZZ	98	May/Jun	40
Results, 1998 January SSB	WA7BNM	98	Jul/Aug	31
Results, 1998 July RTTY	K5DJ	98	Nov/Dec	56
Results, 1998 August CW	K6ZZ	99	Jan/Feb	33
Results, 1998 August SSB	WA7BNM	99	Jan/Feb	35
Results, 1999 January SSB	WA7BNM	99	Jul/Aug	36
Results, 1999 January CW	K6ZZ	99	Jul/Aug	42
Results, 1999 July RTTY	K5DJ	99	Nov/Dec	36
Results, 1999 August SSB	WA7BNM	00	Jan/Feb	45
Results, 1999 August CW	K6ZZ	00	Mar/Apr	39
Results, 2000 January CW	K6ZZ	00	Jul/Aug	39
Results, 2000 January SSB	WA7BNM	01	Jan/Feb	42
Results, 2000 July RTTY	K5DJ	00	Nov/Dec	39
Results, 2000 August CW	K6ZZ	01	Mar/Apr	37
Results, 2000 August SSB	WA7BNM	01	Mar/Apr	41
Results, 2001 January CW	K6ZZ	01	Sep/Oct	29
Results, 2001 January SSB	WA7BNM	01	Sep/Oct	33
Results, 2001 July RTTY	K7WM	02	Jan/Feb	32
Results, 2001 August SSB	WA7BNM	02	Jan/Feb	38

Results, 2001 August CW	K6ZZ	02	Mar/Apr	42
Results, 2002 January SSB	WA7BNM	02	Nov/Dec	43
Results, 2002 January CW	K6ZZ	03	Jan/Feb	36
Results, 2002 July RTTY	K7WM	02	Nov/Dec	40
Results, 2002 August SSB	WA7BNM	03	Jul/Aug	41
Results, 2002 August CW	K6ZZ	03	Sep/Oct	46
Results, 2003 January CW	WA7BNM	04	Jan/Feb	39
Results, 2003 January SSB	WA7BNM	04	Jan/Feb	43
Results, 2003 Winter RTTY	WA9ALS	03	May/Jun	40
Results, 2003 July RTTY	K7WM	03	Nov/Dec	43
Results, 2003 August SSB	WA7BNM	04	May/Jun	41
Results, 2003 August CW	WA7BNM	04	May/Jun	44
Results, 2004 January SSB	WA7BNM	04	Nov/Dec	36
Results, 2004 January CW	WA7BNM	04	Nov/Dec	32
Results, 2004 February RTTY	K7WM	04	Jul/Aug	38
Results, 2004 July RTTY	K7WM	04	Nov/Dec	40
Results, 2004 August CW	WA7BNM	05	Mar/Apr	39
Results, 2004 August SSB	WA7BNM	05	May/Jun	45
Results, 2005 January CW	WA7BNM	05	May/Jun	40
Results, 2005 January SSB	WA7BNM	05	Sep/Oct	42
Results, 2005 February RTTY	K4WW	05	Jul/Aug	37
Rules, 1999 North American QSO Party		99	Jan/Feb	32
Rules, 2000 NAQP SSB and CW		99	Nov/Dec	34
Rules, 2000-2001 NAQP: SSB, CW and RTTY		00	Jul/Aug	44
Rules, 2001 NAQP: SSB, CW and RTTY		00	Nov/Dec	43
Rules, 2001/2002 NAQP: CW, SSB and RTTY		01	Jul/Aug	38
Rules, 2002 NAQP: CW, SSB and RTTY		02	Jan/Feb	41
Rules, NAQP CW/SSB		00	Jan/Feb	43
Rules, NAQP RTTY		99	May/Jun	42
Rules, NAQP RTTY		00	May/Jun	42
Rules, First Annual North American RTTY QSO Party		96	May/Jun	29

### Operating—ARRL DX Contest

2000 ARRL DX Contest Fun from St. Kitts - V47C	W4OV	00	Jul/Aug	22
24 Hours for the ARRL DX Contests?	K3NA	93	Jul/Aug	6
8P9P - Father/Son Contest DXpedition - 1997 ARRL DX Phone	W5AJ	98	Sep/Oct	8
A Contester's Dream—Revisited	K2SX	79	Jul/Aug	7
A Look at XE2FU, 1979	K5ZD	79	Jul/Aug	4
The ARRL CW DX Contest 2003 from Fernando de Noronha	W9VA	03	Sep/Oct	15
The ARRL DX Competition 1935 to 1947	N4UH	00	Jan/Feb	25
ARRL DX Contest Top Five by Zone (1992)	WA7BNM	94	May/Jun	29
ARRL DX Contest Single Band W/VE Winners		04	Jan/Feb	19
ARRL DX CW from Honduras	K8CC	85	May/Jun	9
ARRL DX Contest Single Band Winners	K9LA	99	Jan/Feb	8
All Time Multiplier Totals ARRL DX Phone 1964-1973		73	Mar/Apr	9
ARRL DX Contest All-Time High Single-Op Scores	WB5VZL	95	Mar/Apr	36
ARRL DX CW Low Band Big Gun Comparisons	OH1EH	98	May/Jun	8
Bahama Island (Contesting for Fun)	K7RE	04	Sep/Oct	37
Battling the Blizzard: The K4JA 2003 ARRL DX CW Contest	K9JY	03	Jul/Aug	14
Contesting from St Croix, the Second Time Around	KE2VB	95	Sep/Oct	5
Diary of a DX Contest, W5 vs. W1	K5RX, K5ZD	86	Jul/Aug	7
Expedition to FG7AR/FS7	K8DD	80	Jan/Feb	6
The Future of the ARRL Contests, Part 1	W7RM	91	Jul/Aug	12
The Future of the ARRL Contests, Part 2	W7RM	91	Sep/Oct	13

The Future of the ARRL Contests, Part 3	W7RM	91	Nov/Dec	13
How To Succeed in the ARRL DX Test	W3GRF	73	Nov/Dec	8
The JA7 Contest Connection	K9QQ/7J7ABV	97	Sep/Oct	11
The J7OJ Story - A Memorial to Jim White, K4OJ	K5KG	04	May/June	4
Montserrat Diary, 1985 ARRL CW DX Contest	W2GD	86	May/June	21
Montserrat Madness—VP2MDC	K1TN	88	May/June	6
My First 48-Hour DX Contest as a Single Operator	WZ1R	94	Jul/Aug	13
Notes on a Winning DX Contest Effort	N3JT	91	Nov/Dec	8
PJ2J Memoirs	W1WEF	89	May/June	18
Running Low Power in the 1987 ARRL DX CW Contest	N4QS	89	Jan/Feb	8
The Story of VP2MFM in the 1995 ARRL SSB DX Contest	WB4NFS	96	Mar/Apr	5
TG0AA: The 1995 ARRL DX SSB Contest from Guatemala	KA9FOX	96	Jan/Feb	5
Toward a Portable Contest Station: ARRL DX from HP2	N6NT	97	Sep/Oct	6
What Does It Take to Win the World?	AE9B	03	Sep/Oct	25
Who Me? Enter the 2002 ARRL International DX Contest?	WA7KJC	02	May/June	37
Winning an ARRL DX Contest Single-Band Plaque from the Midwest	K9LA	96	Sep/Oct	16

### Operating—ARRL Field Day

99.18837% of the Goal—Field Day 1973 W1ARR/1	W1FLM	73	Nov/Dec	6
Equal-Opportunity Contesting	W8TK	91	May/June	8
Field Day 1973—W3IN/3 versus W1ARR/1	W3IN	73	Sep/Oct	11
“Field Day” at Jaggard School	WA2ZZX	96	Sep/Oct	13
Field Day - It Is Not a Contest. Or Is It?	K9YC	04	Sep/Oct	22
Field Day, The Contest	N5DU	81	Jul/Aug	9
How Not to Run a Field Day	WA0VPN	74	Jul/Aug	9
How to Operate Field Day - or A Remembrance of Field Days Past	K3MD	04	Mar/Apr	11
Internet Field Day Challenge	AE0M	95	Sep/Oct	15
Joys of Field Day	WB2EKK	90	May/June	17
Field Day Operation Using the Digital Modes, Part 1	K5DJ	98	Mar/Apr	32
RTTY Operation for Field Day, Part 2	K5DJ	98	May/June	31
WINing at Field Day	K2SX	80	Sep/Oct	13

### Operating—ARRL Sweepstakes

1972 CW SS Analysis—Claimed vs. Final	KH6RS	73	Sep/Oct	10
The 1974 ARRL Phone Sweepstakes - and the Lessons I Learned	KR6X	01	Jan/Feb	18
1985 CW SS Diary	KC8C	86	Jan/Feb	23
1986 Sweepstakes at NP4A	K5ZD	87	Mar/Apr	9
1987 ARRL Sweepstakes—A WPA Postmortem	K5ZD	88	Sep/Oct	10
1990 ARRL November Sweepstakes—A Look Back	NF1J	91	Jul/Aug	14
ARRL Log Checking - A Look at the Process for the November Sweepstakes	N6TR, N5KO, K6LA, N1ND	99	Sep/Oct	14
ARRL Phone Sweepstakes and the Kids	N5KB	00	Sep/Oct	11
ARRL Sweepstakes in the '80s		90	Nov/Dec	14
ARRL Sweepstakes—Is there a Geographical Advantage?	K5NW	89	Nov/Dec	8
ARRL Sweepstakes “Need List”	VE5CMA	98	Sep/Oct	20
ARRL Sweepstakes—The Last 11 Years	K8MR	84	Nov/Dec	13
The Battle of the Cheesecake! How to Make Sweepstakes a Culinary Event	K0OB	97	Mar/Apr	8
Contest Genetic Engineering: Sweepstakes Roving	K8MR	96	Sep/Oct	11
Is CW Sweepstakes Dead?	K1CC	90	May/June	15
DIT DIT DIT dit dit dit SS CW 1985	K1ZX	86	Mar/Apr	9
The Geographic Advantage of the Western US in the 1989 ARRL Sweepstakes SSB Contest	WX3N	94	Sep/Oct	5
How to Beat the Winners	W9IOP	80	Nov/Dec	4

KI3V versus K6LL/7, 1993 ARRL Phone Sweepstakes	K6LL	94	Mar/Apr	18
KP2/AB6FO SSpedition to Paradise (Lost)	AB6FO	95	Jan/Feb	15
KP4/KA9FOX: CW Sweepstakes '94	KA9FOX	95	Mar/Apr	18
Letter, W6HX 1971 SS Rate Sheets	WB6OLD	74	Sep/Oct	6
Letter, WA7NIN 1974 SS Rate Sheets	W6OAT	74	Nov/Dec	8
Multiop in the 1988 Sweepstakes	N4TG	89	Mar/Apr	16
The NCCC Sweepstakes Handbook	WB6CEP	76	Nov/Dec	6
The NCCC Sweepstakes Handbook (Cont.)	WB6CEP	77	Mar/Apr	8
The NCCC Sweepstakes Handbook (Cont.)	WB6CEP	77	Jan/Feb	10
North Texas Shootout: The 1991 Sweepstakes CW Contest	K5ZD	92	Nov/Dec	7
QRP in CW Sweepstakes	AC5K	99	May/June	28
Rarity of Sections in ARRL Sweepstakes	WA7BNM	94	May/June	17
The REAL Winners of the 1998 ARRL November Sweepstakes Revealed	N1ND	99	Sep/Oct	5
Results of the 1994 College Sweepstakes	KA5WSS	95	Sep/Oct	11
Results of the Second Annual Collegiate Championship	KA5WSS	96	Sep/Oct	33
Rising to the Challenge - How NCCC Retook the Sweepstakes Gavel	K6RB	05	Sep/Oct	25
Scoring Trends in the November Sweepstakes	K5NW	90	Jan/Feb	7
SS Breakdowns 1974—K4PUZ, W8EDU, W6NUT, WA0CVS		75	Mar/Apr	12
SS is Okay in OK	K1TO	95	Mar/Apr	13
An SS Reflection	KE3Q	96	Mar/Apr	8
Sweepstakes Computer Logging: Is it for You?		89	Jan/Feb	9
Sweepstakes Factoids	K5ZD	94	Jul/Aug	15
Sweepstakes from the Yukon with VY1JA	AA6KX	96	Mar/Apr	20
Sweepstakes Memories		88	Sep/Oct	17
Sweepstakes Score Trends	AA5B	96	Jul/Aug	32
Sweepstakes: The Past Decade	K5KO	98	Nov/Dec	4
Sweepstakes Tips for Little Guns	K8ND	84	Nov/Dec	6
A Treatise on Sweepstakes	K5RC	79	May/June	1
What it Takes to Win 1973 SS		74	May/June	9

### Operating—CQ WW DX Contest

A Brief History of the CQ WW DX Contest	K3EST	93	Nov/Dec	23
A Brief Trip to the Unknown	K9ZO	93	Sep/Oct	13
All's Well that Ends Well - A DX-Venture to The Bahamas	C6AWS/W6SJ	05	Mar/Apr	15
Cloned Team Vertical Goes to West Africa	SM0JHF	04	Jul/Aug	4
Concurso CQWW SSB EA9UK Multi-Multi	W6QHS	94	May/June	9
Coup de Contest: The True Story of 4M5X During the 1992 CQ WW CW DX Contest	WM2C	93	Nov/Dec	8
CP6CW in the 2004 CQWW - A South American Odyssey	W0OR	05	Sep/Oct	16
CP6CW 2004 CQWW DX CW - Results and Reflections	N0AT	05	Sep/Oct	19
1984 CQ WW CW Diary	N8II	85	Mar/Apr	13
1988 CQ WW CW Contest—KP2A	W0JLC	89	May/June	19
1988 CQ WW Phone Contest—EA8AGD	OH1EH	89	May/June	15
1988 CQ WW Phone—KC1F vs K3TUP	K3LR	89	Sep/Oct	10
1993 CQ WW DX SSB from KP2A	CT1BOH	94	Jan/Feb	8
1994 9G5AA CQWW CW Expedition	G3SXW	95	May/June	5
1995 CQ WW CW from Benin, TY5A	G3SXW	96	Mar/Apr	12
1999 CQ/RJ RTTY WW DX Contest from Benin	W6/G0AZT	00	Jul/Aug	24
1999 CQWW SSB Contest - 5B4AGD and Me	4N6A	00	Mar/Apr	4
2000 CQ WW CW - Lessons Learned (and Relearned)	KL7Y	03	Jan/Feb	3
2001 6Y CQWW CW QRP	K2KW	02	Mar/Apr	18
C4A: Contesting for Asia	AH3C	96	Jul/Aug	9
C6AFQ: Torment and Terror in Treasure Cay	KR1S	92	Mar/Apr	8
CQ WW 1987 15 M CW	W1WEF	88	Nov/Dec	11

CQWW 1998 - and Making Friends with Those Elusive JTs	OH2BH/BY	99	Mar/Apr	26
CQWW CW from ZP0Y	WN4KKN	92	Jul/Aug	8
CQWW CW 1983 in Jersey	G3SXW	84	Jan/Feb	17
CQWW CW 1989—Diary of a Multi-Multi	NX1H	90	Jul/Aug	10
CQWW Phone—XE2 Field Day Style	WA6GLD	73	Nov/Dec	11
CQ WW Phone: Notes from Normandy	K3NA	95	Jan/Feb	18
CQWW Rumbblings	W3FG	85	Jan/Feb	3
CQWW SSB from 7Z1AB	K2ZJ	91	Sep/Oct	8
CQWW SSB from Guam	AH2U	86	Jul/Aug	21
CQWW SSB from PJ7A	NJ2L	92	Jan/Feb	34
CQ WW SSB 2001 from the Cape Verde Islands	SM0JHF	02	Sep/Oct	9
CQ WW DX Contest Top Five by Zone (1992)	WA7BNM	94	May/June	30
Comments from Down Under—CQWW Scoring	VK5GN	84	Sep/Oct	6
Curacao Revisited	N4MM	79	Jan/Feb	19
Diary of the 1985 CQWW CW Contest, 4V2C vs. YV5TK	K4BAI	86	Nov/Dec	13
EA8BH - CQ WW SSB 1997	OH1EH, OH2BH	98	May/June	14
GJ0AAA CQWW CW from Jersey	G3SXW	85	Mar/Apr	8
The Great Colorado Shoot-Out: K0RF versus AA6TT	K6XO	94	Mar/Apr	16
The Great Colorado Shoot-Out: Southern Perspective	K5RC	94	Mar/Apr	17
How the NCCC Won the 1981 CQWW	AJ6V	85	Jan/Feb	13
HS0AC - CQWW CW 1996	HS0/WA0RJY	97	Nov/Dec	19
The J68ZR Disaster	W7ZR	93	Jul/Aug	11
The J6DX Conquest: A Multi-Single Success Story	N9AG, WD8IXE	94	May/June	5
K5ZE 2001 CQ WW CW Contest	K5ZD	02	Nov/Dec	10
Letter, PJ9JR 1974 CQWW Phone		75	Jan/Feb	10
Local Ops Top Winners	W6ISQ	93	Sep/Oct	10
Making Choices for the CQ WW - a Contester's Dilemma	VK6VZ	99	Sep/Oct	4
M/S from WX0B, CQWWCW 1997 - A Youthful Point of View	WX0B, N5NU	98	Jul/Aug	4
Musings from the 1993 CQ WW CW DX Contest	N4KG	94	Mar/Apr	11
My First DXpedition—1988 CQ WW CW at VP2MW	WQ5W	89	Jul/Aug	12
NCCC WASABE Award to JAs in CQWW	W6QHS	93	Sep/Oct	36
P42E: Another World Record From Curacao	N4MM	83	Mar/Apr	17
PJ2CC Strikes Again!	N4MM	81	Mar/Apr	18
The PJ2X Saga	K1XM	88	Jan/Feb	11
PJ7A: K1TO Returns for CQWW CW 1991	K1TO	92	Mar/Apr	13
Real Men Go to Zone 2: A North Coast Contesters Expedition to Sept- Iles, Quebec	K8NZ, NI8L, WR3G	93	Sep/Oct	16
Return to the Rock - ZB2X in the 2000 CQWW Contests	OH1EH	01	Jul/Aug	12
Setting a CQWW CW QRP Record from P40W	W2GD	00	Mar/Apr	28
Statistical Look at the 1987 CQWW CW Contest	K5ZD	87	Nov/Dec	15
The Story of VS6WO, CQWW 1992	WX3N	95	Jan/Feb	10
Team ZF1A: 5 Years Later	K9MK	03	Jul/Aug	8
Turmoil in the Turks (VP5VW in 1994 CQWW CW)	K8MFO	95	Mar/Apr	9
V31KF—1993 CQ World Wide CW DX Contest	KI3L	94	Mar/Apr	12
VK9LX in CQWW CW 1998	K6KM	99	Jul/Aug	10
VP5MRX Single Op DXpeditioning	K8MR	80	May/June	20
What a Rush! 1996 CQ WW CW at W7RM	N0AX	97	Jan/Feb	5
Win the CQWW DX Contest?	F2QQ/F5QQ	79	Jul/Aug	16
YCCC Expedition to KP4EAJ	K1ZM	78	May/June	6
ZF1A Multi-Single in the 1997 CQWW CW DX Contest	K9LA	98	Nov/Dec	9
ZF2RV Multi-Single Story - 1997 CQ WW CW	N7MQ/ZF2MC	98	Mar/Apr	11
ZX0F - 1996 CQWW SSB	PY5GU	97	Jul/Aug	5

**Operating—IARU**

The 1991 IARU Bush Telegraph Contest	KF7E	93	Sep/Oct	11
2001 IARU HF World Championship Special Event Stations W1AW/6 & W6ROD	N6RO, N7MH	02	Jan/Feb	11
9A and S5 WRTC-Style in the IARU HF World Championship	9A6XX	03	Nov/Dec	15
A Contest Expedition to Rarotonga, South Cook Islands	AA8U	96	Nov/Dec	19
Be Part of Something Hot - the B4HQ IARU HF 2003 Story	BD5RV/4	04	Mar/Apr	19
GB5HQ Steps up to the Big League	G4BUO	03	Nov/Dec	18
H20A - the 1999 IARU HF Championship from Cyprus	YL2KF	00	Jul/Aug	4
HA5IW/QRP in the 2004 IARU HF World Championship	HA5IW	05	May/Jun	23
IARU 2002: A Contest to Remember	K7ZUM	03	May/Jun	20
IARU From Mexico	K5ZD	81	Sep/Oct	7
IARU HF Championship - A Summertime World-Wide Contest	K5GN	99	Jul/Aug	6
Memories of the 1996 IARU HF Contest	N4UH	96	Sep/Oct	14
My Last Maximum-Effort Contest. When Is Yours?	N4UH	04	Nov/Dec	4
N3BB in the IARU HF World Championship	N3BB	04	Mar/Apr	18
On a Mission to PJ2	N1UR	03	May/Jun	12
Proposed Rule Changes for the IARU HF World Championship	WO4O	03	Nov/Dec	15
Radiosport 1979 or A DX-Contest-Vacation-Pedition	K8DD	80	Jan/Feb	7
SN0HQ in the IARU HF World Championship	SP5UAF	03	Nov/Dec	17
SN0HQ in the 2004 IARU HF World Championship	SP5UAF	04	Nov/Dec	16
Snippets from the 2004 IARU HF Championship	N3BB	05	Jan/Feb	9
W1AW/3 in the IARU HF World Championship	K3LR	03	Nov/Dec	16
WRTC-Style Team Competition in IARU-2003 – Keeping the Flame Alive	N0AX	03	Nov/Dec	30

**Operating—Miscellaneous**

10 Meters is Dead! (Not!)	KZ5MM	99	Nov/Dec	18
160 M DX Frequencies	AD8I	84	Nov/Dec	16
The 1994 ARRL 10-Meter Contest at N4ZC	WZ3Q	95	Mar/Apr	20
The 1995 CQWW RTTY Contest at OT5T	ON4UN	96	Mar/Apr	9
2001 ARRL RTTY Roundup - Part 1	AA5UA	01	May/Jun	26
2001 ARRL RTTY Roundup - Part 2	AA5UA	01	Jul/Aug	22
A Treatise on Multi-Single	WA5LES	74	Mar/Apr	6
All Asian Contest Log Sheet		81	Jul/Aug	10
Amateur Radio in Bulgaria - Past and Present	LZ2CJ	99	Nov/Dec	10
Another Look at Logging Errors	W7NI	81	Nov/Dec	4
Arkansas Contesting	K5OY, AB5SE	98	Mar/Apr	22
ARRL 10-Meter Contesting from Bonaire PJ4Z	WW4LL	05	Mar/Apr	25
ARRL Contest Branch	N1ND	99	May/Jun	5
ARRL DX Contests - An East Coast Perspective	W1KM	99	Jan/Feb	5
ARRL Operating Event: Kids Day January 2, 2005	KL7RA	05	Mar/Apr	13
ARRL RTTY Contest Dxpdition to North Dakota	NW0L	04	May/Jun	36
Aurora is NEVER Pretty	KL7RA, OH1EH	99	May/Jun	6
Australian 75-Meter DX Window Set for Expansion	VK3EW	02	Mar/Apr	15
Back on the Air After 10 Years—And Into Contesting	N6AZE	92	Jul/Aug	9
The Bavarian Contest Club's DXpedition to Pennsylvania	K3WW	00	May/Jun	4
Be Wary of the Scary Stew Perry (Contesting for Fun)	K7RE	04	Mar/Apr	37
Being "Rare" from the Center of Europe - 4U1VIC	DL2OBF	00	Jul/Aug	9
The Birth and Evolution of the Internet SprINT	K2MM	94	Sep/Oct	15
Brazilian Contesters	PY2NY, PT2AW	98	Mar/Apr	20
Bye-Bye, Golden Log	NA3V	05	May/Jun	9
The C4C Excursion for WAEDC	SM0CXU, N4KT	95	May/Jun	13
The C53M/C56R Suitcase Station	OH9MM, N0DY	03	Jul/Aug	11
The California QSO Party Explained	AA6KX	95	May/Jun	24

California QSO Party 1995-2004: 10 Years of Statistics and Records	W6ZZZ	05	May/Jun	24
Call Sign Wa Soo Desu Ka?	W7RM/K7JA	73	Sep/Oct	4
Canada Explained	W6ZZZ	04	Mar/Apr	4
China Multiplier Secured	OH2BH	99	Nov/Dec	4
Contest Category Selection (Contest Tips, Tricks & Techniques)	W9XT	97	Sep/Oct	30
Contest DXpedition to Czechoslovakia?	NN5O	89	Sep/Oct	13
A Contest DXpedition to Iceland	AD7U	01	Jan/Feb	4
Contest DXpedition Planner - Part One of Three	K7FL	99	May/Jun	30
Contest DXpedition Planner - Part Two of Three	K7FL	99	Jul/Aug	22
Contest DXpedition Planner - Part Three of Three	K7FL	99	Sep/Oct	31
A Contest for Kids: Kids Roundup	AA3RR	05	Mar/Apr	24
Contest Shock Syndrome	N2NT	83	May/Jun	4
Contest Winning Without a Smoking Gun	K2SX	81	Nov/Dec	8
Contesting - A Refreshing Perspective	W4AU	99	May/Jun	4
Contesting and the Prostate	K3MD	05	May/Jun	13
Contesting Down Under	VK4VU	83	Sep/Oct	9
Contesting from the Other Side – My First DX Experience	KI7Y	03	Sep/Oct	18
Contesting from the Outback	VK6VZ	98	Mar/Apr	18
Contesting from West Africa: The Rise and Fall of EL2CX	K3RV	91	May/Jun	7
Contesting on Wheels	K8HVT	90	Jan/Feb	9
Contesting with Wolves: VD7D in the 1999 IOTA Contest	VE7TLL	00	Jan/Feb	16
Copying Weak CW Signals	<i>RadCom</i>	91	Mar/Apr	11
Countries List for USSR Contests & Awards	K1KI	84	May/Jun	15
CQ 160-M CW from OH0	OH1EH	97	Mar/Apr	19
CQ WPX CW '95 from 9A1A	K4XU	95	Nov/Dec	14
CQ WPX SSB 1998 = OG5F vs OH0W (Why OG5F beat us bad, that is)	OH1EH, OH2XX	99	Mar/Apr	6
A Day in the Life of a DXpedition—3D2XX	K3NA	89	May/Jun	8
Design Your Own Contest! (Contest Tips, Tricks & Techniques)	W9XT	00	May/Jun	32
Doing the 2000 RTTY WPX Contest from W5KFT	K7WM	00	May/Jun	35
Domestic Contests (Contest Tips, Tricks & Techniques)	W9XT	99	Sep/Oct	28
DXpedition to Fernando de Noronha—ZX0F		89	Mar/Apr	14
DXpedition Accommodations (Contest Expeditions)	K2KW	02	Jan/Feb	30
Exclusive Contest Contacts from Friends: another Threat to Meaningful Competition	N6AA	93	Nov/Dec	11
Extreme Contesting	KJ9C	04	Jan/Feb	20
Field Day 2003 Year of Murphy	K4PG	03	Nov/Dec	11
Field Day in Europe	G4BUO	98	May/Jun	7
Field Day in Europe	DL2OBF	00	May/Jun	9
For the Record: KE2PF at N2RM in the '96 CW WPX Contest	KE2PF	96	Sep/Oct	6
A Fresh Challenge in the August Contest Calendar: The YO DX HF Contest	YO3FWC	02	Jul/Aug	26
Future Trends in Contesting	K0TO	79	Mar/Apr	7
Goal Setting for Little Pistols	KM5K	84	Jul/Aug	7
Going All Out for the PA QSO Party	AD8J	85	Mar/Apr	25
Graphing, Not Just Another Pretty Curve	WA1NNC	75	Jan/Feb	6
Hamming with the Flying Fishes	K2SX	88	Jan/Feb	9
Have You Worked Every Val, Vlad, & Yuri?	K1KI	82	May/Jun	5
Honesty in Contest Exchanges	K9AKS	90	Jan/Feb	11
How To Get Lucky—Contest Travels of Jim Neiger	W6BHY	75	May/Jun	3
How to Win a Big Contest	LU6EF	89	Jan/Feb	6
I Remember Slim	WA6AUD	91	Mar/Apr	9
In-Contesting Health Care	G3SXW	88	Jul/Aug	10
Interpreting the WWV Propagation Bulletins		81	Jul/Aug	11
Interpreting WWV Data	K7GEX	86	May/Jun	24

Is This Frequency In Use?	N7DF	86	Jul/Aug	17
It Could Happen . . . The Adventures of KU2C/KH0	KU2C	89	May/June	12
Kid's Day, the Non-Contest Contest	WA1STO	99	May/June	17
Kid's Day - June 17, 2000	WB3IOS	00	May/June	29
Kid's Day - June 16th, 2001	WB3IOS	01	May/June	19
Kid's Day - Saturday June 15 <sup>th</sup> , 2002	WB3IOS	02	May/June	10
Kid's Day: June 21, 2003	WB3IOS	03	May/June	25
The Killing Fields (Contest Expeditions)	K2KW	03	Jan/Feb	26
Lone Wolf or Team Player? The PJ2T Multi-2 Story in CQ WW WPX SSB 2005	DF7ZS	05	Nov/Dec	10
A Look Back at Market Reef—January 1988	W2GD	89	Mar/Apr	11
Low-Band Contesting from the Black Hole	WB00	97	Jan/Feb	8
LZ8T in the 2001 CQWW 160-Meter CW Contest	LZ2CJ	02	May/June	12
M8C IOTA Contest 2004	G4BUO	05	Jan/Feb	12
Ma Prop Does it Again (5Z4FO in 10-M Contest)	5Z4FO	95	Jul/Aug	9
Memoirs of a Multi-Multi Operation	N2LT	88	Jul/Aug	8
Microstation - V63X	K1XM/V63YP	99	May/June	19
Microwave Contesting	KD5RO	92	May/June	13
Multi-Multi Mystique - The First Time Experience	KI7Y	98	May/June	6
Multi-Multi - No Limits?	N6TR, N5OT	00	May/June	12
My Favorite Contest: The ARRL 10-Meter Contest	W9XT	93	Nov/Dec	6
My First Phone Contest Without a Microphone	K6VVA	05	Mar/Apr	4
NCJ Point-Counterpoint: Contesters Being Deliberately Jammed	K9LA	03	Jul/Aug	36
Correspondence: Interesting Point-Counterpoint Article	G3RZP	03	Nov/Dec	6
NCJ Universal Log Sheet		82	May/June	9
NP4A The Hard Way—Parts 1 and 2	K1ZM	88	Jan/Feb	7
NP4A The Hard Way—Part 3	K1ZM	88	Mar/Apr	11
The Official NCJ DX Dupe Sheets		81	Mar/Apr	9
Open Contest Logs and Open Log Checking	N6AA	91	Mar/Apr	7
Operating in One-Country DX Contests	K3ZO	99	Jan/Feb	26
Operating in the Southwest	KC7V, K6LL	97	Nov/Dec	15
P40GD Times Two Squared	W2GD	88	Mar/Apr	13
Paraguay Perspective	ZP5XF	98	Nov/Dec	25
Pre-Contest Planning (Contest Tips, Tricks & Techniques)	W9XT	97	Nov/Dec	25
Radiosporting Team OH0Z, OH0AW - Building a Single Op Super Station on Aland Islands	OH1EH	00	Jul/Aug	7
Rent-a-QTHs Locations	K2KW	01	Jan/Feb	28
Rent-a-QTHs Locations	K2KW	01	Sep/Oct	23
Results: Internet SprINT	N6TR	93	Sep/Oct	36
Results of the Fourth Internet SprINT	K2MM	94	Jul/Aug	8
Road Warriors	K8MR	02	Mar/Apr	9
Rolling Your Own Customized Logs Using Databases and Data-Manipulation Tools	NS6V	92	Sep/Oct	10
The RSGB Islands on the Air (IOTA) Contest	G3SJJ	00	May/June	6
The RSGB Jubilee Contest - June 8 <sup>th</sup> and 9 <sup>th</sup> , 2002	G4BUO	02	May/June	11
RTTY Contesting	WS7I	99	May/June	35
RTTY Contesting - W0ETC July 2003 NAQP RTTY	WA9ALS	04	Jan/Feb	26
Rules for the Stew Perry Topband Distance Challenge		96	Nov/Dec	35
Running with the 'Dillo	K5ZD	86	Mar/Apr	6
The Search for the Last Decibel	W9XT	99	Nov/Dec	31
A Short History of the ARRL 10 Meter Contest	WM5R	05	Nov/Dec	4
Simple Pleasures are the Best	N5OT	00	May/June	22
Single-band Contesting (Contest Tips, Tricks & Techniques)	W9XT	04	Nov/Dec	24
Single-Op USA Championship	KM9P	91	Mar/Apr	11

Single-Op USA Championship	KM9P	90	Jan/Feb	13
Sleep—A Contest Prescription	KC1JI	88	Nov/Dec	6
Some Useful Graphing Techniques	WB6AIN	74	Sep/Oct	15
The Stew Perry Top Band Distance Challenge	K7RAT	05	Nov/Dec	24
Sun Sense (Workshop Chronicles)	K4ZA	05	Nov/Dec	43
Sunrise/Sunset Times—ARRL DX Contest	K5EI	81	Nov/Dec	20
Sunrise/Sunset Times—CQ WPX SSB & CQM Contests	K5EI	80	Mar/Apr	12
Sunrise/Sunset Times—CQ WPX CW & AA Phone	K5EI	80	May/June	23
Sunrise/Sunset Times—CQ WW CW & ARRL 10 M Contests	K5EI	80	Nov/Dec	14
Sunrise/Sunset Times—WAE CW & AA CW Contests	K5EI	81	Jul/Aug	6
Sunrise/Sunset Times—CQ WW Contests	K5EI	81	Sep/Oct	19
Sweepstakes Japanese Style	K8HVT	89	Jan/Feb	10
Symptoms of a Burned Out Contester (BOC)	K3MD	91	Mar/Apr	8
Ten Efforts from the Black Hole	AH2U	87	Jul/Aug	10
Tennessee Contest Group	W4PA	99	May/June	22
Texas QSO Party Results		93	May/June	34
The First Honor Sprint	N0AX	99	Mar/Apr	40
Third Annual Collegiate Championship	KA5WSS	97	Sep/Oct	34
Third World Championships in High Speed Telegraphy	DL2OBF	99	Nov/Dec	19
This is K3VOA 59(9) DC Over	N3NT, K3IXD	97	Mar/Apr	16
Tips for Beginning Contesters (Contest Tips, Tricks & Techniques)	W9XT	99	May/June	37
Tips for Beginning Contesters Part 2 (Contest Tips, Tricks & Techniques)	W9XT	99	Jul/Aug	26
Two Contests at Christmas	N0WBV	04	Mar/Apr	32
Two Countries from One Shack	N6TJ	97	May/June	20
Two Perspectives on the 2001 Pennsylvania QSO Party	WA3SES, K3PP	02	Sep/Oct	32
The UK Speaks Up	G4BUO	98	Jan/Feb	12
Updated Russian Amateur Regulations and Their Effects on Contesting	RW3FO	97	May/June	12
Using Propagation Predictions for Band Change Strategy	K9LA	98	Jul/Aug	7
Using the NCDXF Beacon System	W3FG	84	Jan/Feb	8
A Visit to North Caicos for the 2001 ARRL RTTY Roundup	WA9ALS	01	Sep/Oct	18
What About Solar Flux, A-Index & K-Index?	FRC	85	May/June	8
WPXing from the Vatican	I2UIY	94	Nov/Dec	4
YM3LZ in the 2000 WAE SSB Contest	LZ2CY	01	May/June	20
Young Contesters - the Promise of a Futures	K7BN	99	May/June	20

### Operating—Techniques

AFC and NET: Friend or Foe? (RTTY Contesting)	W6WRT	05	Sep/Oct	35
Charlie's Contesting Hints	K6LL	96	Sep/Oct	17
Contest Advice for a Station Running 100 Watts to a Low Profile Antenna	N9RV	97	Jul/Aug	12
A Contest Tip from KA5CHW	KA5CHW	80	Nov/Dec	16
A Contest Tip or Two from KA5CHW	KA5CHW	80	Sep/Oct	14
A Single-Multi Experiment at 3B7RF	HB9ABO, K5KG	98	Sep/Oct	10
Contest Logging Hints & Kinks	K5ZD	86	May/June	12
Contest Skills for the '80s	K4VX	87	Jul/Aug	6
Contest Strategy: A Look at Off-Time	K5ZD	85	Mar/Apr	17
Contesting for Little Guns	WB2EKK	88	Sep/Oct	14
Contesting for Non-Contesters	W8JRK	87	Nov/Dec	14
Doing a DX Contest as a "Little Gun"	K8CC	86	May/June	9
Duping Domestic Callsigns	WA6OTU	86	May/June	18
How to Work 6-Meter Scatter	N0KE	99	Sep/Oct	35
The Importance of 40 Meters in DX Contests (Propagation)	K9LA	00	Sep/Oct	35
Improving RTTY Reception (RTTY Contesting)	W6WRT	05	Mar/Apr	29

Improving Scores	K1VR,K1EA	86	Mar/Apr	12
It's Sunday Night—Do You Know Where Your Multipliers Are?	K1CC	87	Jul/Aug	12
Low Power in the DX Contests	W1PH	92	Sep/Oct	8
Low Power RTTY Contesting	AA5AU, K5DJ	98	Jul/Aug	26
Keeping the DX Happy	VK6VZ	98	May/Jun	3
Macro University (RTTY Contesting)	W6WRT	05	May/Jun	34
Maximizing Single-Operator Contest Productivity	K1ZM	94	Mar/Apr	8
The Mental Weapon	AA9AK	92	May/Jun	10
Microwave Contesting	KD5RO/2	92	May/Jun	13
More Thoughts on Tuning for Multipliers	K0UAA	84	Mar/Apr	12
No Tower Contesting (Contest Tips, Tricks & Techniques)	W9XT	99	Jan/Feb	24
Operating Strategy	W3LPL	79	Jan/Feb	18
Optimizers and Optimists – A Few Inevitable Observations (RTTY Contesting)	K1US	03	Jan/Feb	22
Packet in Contesting (Contest Tips, Tricks & Techniques)	W9XT	98	Sep/Oct	26
Please QSY, I've Been on this Frequency for Hours!	K2SX	93	May/Jun	8
PSK31 Contesting - The New Kid on the Block	K7WM	99	Sep/Oct	36
PSK63 – SO24R?	WA9ALS	03	Sep/Oct	40
Pure QRP Contesting	K3WWP	97	May/Jun	10
QRP Contesting	G4BUE	93	Jan/Feb	11
QRP Contesting	KG5U	99	Jul/Aug	19
RTTY Contesting - AFSK versus FSK - the Good, the Bad, and the Ugly	WA9ALS	04	Mar/Apr	34
RTTY Contesting Primer	WF1B	96	Jul/Aug	11
RTTY Contesting - Old Tricks and Forgotten Strategies	WS7I	99	Nov/Dec	29
Running Low Power in the ARRL RTTY Roundup	AA5AU	98	Nov/Dec	47
Search & Pounce Contest Operating	K5ZD, KE5FI	97	Mar/Apr	12
Single Band Contesting	K3RV	88	Jan/Feb	6
Single Op Plus Packet	K1AR	88	Sep/Oct	12
Small-Station Contesting	KZ2S	90	Nov/Dec	12
SR2O - Hints and Kinks	N4GG	05	Nov/Dec	22
The Sometimes Painful Lessons Indicating Progress	N0OFR	00	Nov/Dec	4
Successful Multiple Radio RTTY Contesting	WT4I	01	Jan/Feb	21
The Practical Contester	K1VR	85	Sep/Oct	14
The "New" CQ Worldwide WPX Contest - Strategy Considerations	N6IG, KQ2M	99	Mar/Apr	23
The Second Radio – Who's Using It?	N0AX	03	Jul/Aug	25
Tactical Decisions - Part 1 (Contest Tips, Tricks & Techniques)	W9XT	05	Nov/Dec	44
Teach Your Old Mouse Some New Tricks (RTTY Contesting)	W6WRT	05	Nov/Dec	46
Tips on Running a DX Contest	MRRC	84	Sep/Oct	12
Tuning for Multipliers—An Alternative	K5MM	84	Jan/Feb	9
Two-Radio Contesting	N6TR	94	Jan/Feb	36
Two Radio Contesting in the August NAQP	N6ZZ	97	Nov/Dec	7
Using Two Radios in the CW Sprint	N6TR	94	Mar/Apr	22
Voice Techniques for Contesters	K4ZA	04	Jul/Aug	21
Voice Techniques for Contesters (complete)	K4ZA	04	Sep/Oct	18
You Got Rhythm?—Tail Ending	K5GN	85	May/Jun	13

### Product Reviews

AEA CK-1 Keyer	K5RC	81	Jul/Aug	5
AEA Doctor DX	K5ZD	84	Nov/Dec	19
AEA MorseMatic	K5ZD	80	Sep/Oct	16
Alpha-Delta DX-SWL-S Sloper	N6AZE	93	May/Jun	23
Array Solutions SixPack Antenna Switch	K5ZD	98	Nov/Dec	16
Array Solutions SO2R Master Two-Radio Control Interface	W4AU	01	Nov/Dec	20
<i>Beacon-Prediction Wizard and Beacon-Time Wizard</i>	K9LA	02	Jul/Aug	14

Book Review: <i>All the Right Angles</i> (N6BV)	K1ZX	95	Mar/Apr	22
ASAPS (Advanced Stand Alone Prediction System)	K3RV	94	Jul/Aug	22
Book Review: <i>Aerials</i> by Kurt N. Sterba and Lil Paddle	N6AZE	93	Mar/Apr	22
Book Review: <i>ARRL Antenna Compendium</i> , Volumes 4 and 5	NJ2L	97	May/June	16
Book Review: <i>ARRL Operating Manual</i>	K5ZD	88	May/June	10
CAPMAN Propagation-Prediction Software	K3RV	94	Mar/Apr	20
Choosing a New Radio: Which ‘MP Would it Be?	VE1OP	03	Mar/Apr	5
CLICK Contest Program	K5XI	90	Mar/Apr	8
Comparison of the Results of Several Yagi-Modeling Programs	K4VX	91	May/June	9
Computer Assisted Contesting—The KT5X Logger Software	N6ADI	88	May/June	8
“Computer Programs for Amateur Radio”	K5ZD	84	Sep/Oct	5
CONLOG Program	K0HB	90	Mar/Apr	12
Contest Simulators (Software for Contesters)	N4ZR	05	Jan/Feb	31
Contest Software Review	K5XI	90	Sep/Oct	16
Contest Voice Blaster Voice Keyer Software	W2UP	96	Jan/Feb	10
A Contester’s View of the ICOM IC-781	W2GD	89	Jan/Feb	13
A Contester’s Impression of the ICOM IC-775DSP	K1CC	95	Sep/Oct	18
IC-775 DSP Correction	AA5B	95	Nov/Dec	18
<i>CT Modoki</i> —A CT Keyboard Training Program	N6AZE	93	Nov/Dec	20
Cushcraft 40-2CD Beam	K5RX	84	Sep/Oct	9
Datong Automatic Notch Filter	K3RV	91	May/June	11
<i>DXbase</i> Logging Software	K5XI	92	Jan/Feb	38
DX Atlas 1.5	WM5R	02	Sep/Oct	24
DX EDGE—Great Circle Slide	K5ZD	85	May/June	12
DXLOG	K5ZD	89	Nov/Dec	15
East Meets West in the New ETO 91B	W0CP	95	Jul/Aug	14
Elecraft K2 – A Contester’s Perspective	N6XI	03	Mar/Apr	18
Ekletech Remote Frequency Encoder	ND0F	92	Jan/Feb	36
Ekletech Plus Remote Tuning Knob for the TS-930S and TS-940S	N6TV	94	Jan/Feb	20
<i>FONT</i>	K3RV	94	Nov/Dec	18
Force 12 620D and 615D Monoband Yagi Antennas	KC2X	95	May/June	15
Fox Tango CW Filters for the TS-930S	K1GQ	85	Sep/Oct	7
GAP Antenna	NZ5I	91	May/June	11
GAP Voyager	N0AX	94	Jan/Feb	19
Green Heron RT-20 Universal Rotator Controller	K1IR	05	Nov/Dec	33
Heil PRO-SET Headset	N6TV	93	Nov/Dec	21
Heil Pro-Micro Boomset	K5TA	96	Sep/Oct	17
<i>HFX</i> Propagation Prediction Software	K3RV	96	May/June	28
IC746 PRO vs. IC756 PRO II – A Contester’s Comparison	K5KG	03	Nov/Dec	24
ICOM IC-756 PRO II	K5KG	02	May/June	19
<i>Ionsound</i> Version 3.0	K3RV	91	May/June	10
<i>Ionsound</i> Version 4.0	K3RV	92	Jul/Aug	12
JPS NF-60 DSP Notch Filter	K3RV	92	Jul/Aug	13
K1DG’s Almanac	AB6WM	94	Jul/Aug	21
K1EA Software Digital Voice Processor	N4ZR	93	Mar/Apr	17
Book Review: K3EST’s <i>CQWW Contest Handbook</i>	WZ3Q	95	Jul/Aug	17
K6STI’s <i>Terrain Analyzer</i> Software	N6ND	95	Sep/Oct	20
K8CC Logging Program	KM9P	90	Mar/Apr	11
KB0ZP Contest Logging Program	K5XI	90	Mar/Apr	13
Kenwood TS-850S	K5ZD	91	Sep/Oct	12
Kiwa Electronics BCB Reject Filter	N0AX	96	May/June	19
LJE D-LAY-5	K5RC	81	Jul/Aug	5
LTA Industries LTA610	K5ZD	89	May/June	16
LTA RBC-1 Remote Band Controller	N6AZE	93	May/June	23

Book Review: Managing Interstation Interference: Coaxial Stubs and Filters	N4TZ	03	Sep/Oct	20
<i>Marathon</i> : Contest Software for the Mac	WD4IEH	93	May/June	19
Maxi-Switch Programmable Keyboard	W7LZP	96	May/June	19
MFJ-432 Digital Voice Keyer	KO9Y	95	Jan/Feb	21
MFJ SWR Analyzer	N6AZE	93	May/June	23
<i>MINIMUF/MINIPROP/HFMUFES/IONCAP</i>	K3RV	89	Jul/Aug	24
<i>Miniprop Plus</i> Propagation-Prediction Software	K3RV	93	Mar/Apr	21
<i>Miniprop Plus Ver 2</i>	K3RV	94	Jul/Aug	23
<i>MiniProp Plus 2.5, CAPMan 3.0</i>	K3RV	96	Sep/Oct	20
<i>MultiNEC 2.0</i>	N4ZR	03	Sep/Oct	30
<i>N1MM Logger</i> - A Different Approach	N4ZR	05	May/June	20
The N3EQF <i>LOG-EQF</i> Logging Program	W5ASP	94	Nov/Dec	15
N3FJP Contesting Software - Comments from K3MD	K3MD	04	Jul/Aug	26
The N6RJ 2nd Op Software	N2SS	88	Nov/Dec	14
Nel-Tech DVK-100	N6VI	86	Nov/Dec	9
NCJ Collection CD-ROM, 1973-1998 by the ARRL	W4AU	01	Mar/Apr	18
Book Review: <i>Physical Design of Yagi Antennas</i> (W6QHS)	K7LXC	93	May/June	22
PIEXX TS-930SE Microprocessor Board	N4ZR	99	Jul/Aug	17
Propagation Software for WINDOWS	K3RV	96	Mar/Apr	31
<i>PropMan</i> Propagation Prediction Software	K3RV	95	Nov/Dec	23
<i>PSQSL</i> QSL Label Generating Software	W5ASP	93	Mar/Apr	19
A Quick Comparison of the IC-765 and TS-940S	W2REH	89	Jul/Aug	16
<i>QOSL</i> Ver 5.4 QSL Labeling Program	N6AZE	93	Nov/Dec	19
Radio Partner Custom Earset	AB6FO	92	Nov/Dec	14
Radio Shack PRO-MX50 Stereo Headphones with Boom Mike	K1KP	95	Jul/Aug	16
Radio Sidekick	N5DC	90	Sep/Oct	18
Radware, the PC Transceiver	K7LXC	95	Nov/Dec	21
Reflector Ramblings: What's a Good Antenna Analyzer?	WC1M,W1FV	03	Mar/Apr	8
Reflector Ramblings: Which amplifier – Acom 2000A or Alpha 87A	WC1M	03	May/June	26
A Review of Contest Logging Software	N0AX	04	Mar/Apr	30
SAM Call-Sign Data Base	K5RC	92	Jul/Aug	12
SEM QRM Eliminator	K3RV	92	Jan/Feb	37
The Solder Kit	W1ICP	93	Mar/Apr	23
Super Combo Keyer	N0AX	01	May/June	17
<i>Super-Duper</i>	K3RV	93	Nov/Dec	22
Freeware Version of <i>Super-Duper</i> Available	K3RV	94	Jul/Aug	25
<i>Super-Duper</i>	W2UDT	97	May/June	17
Talk Radio Products Long Play Recorder	AB6FO	95	Nov/Dec	22
Tennadyne T6 Log Periodic Antenna	K9LA	96	Mar/Apr	23
Ten-Tec Orion	ON4UN	04	Jan/Feb	16
Top Ten Devices' DX Doubler	N0AX	02	Mar/Apr	14
Viewstar PT-2500A Amplifier	K8CC	84	Nov/Dec	17
<i>VOACAP</i>	K3RV	95	Mar/Apr	29
W2IHY Audio Equalizer and Noise Gate	K3WW	96	Jul/Aug	16
The W8JGU Side Mount	K5ZD	91	Jan/Feb	14
<i>Where do we go Next?</i>	AA6YD	92	Mar/Apr	11
WinCAP Wizard	K3RV	97	Jul/Aug	17
<i>Win-Test</i> - A French Twist on Contest Logging	N4ZR	05	Sep/Oct	10
<i>Wizard 2</i> Propagation Software	K3RV	98	Nov/Dec	28
WJ2O Master QSO Logging Software	W5ASP	92	Mar/Apr	17
<i>WriteLog</i> : A Contest Program for Windows	AA2PZ	94	Nov/Dec	17
<i>WriteLog</i> for Windows	K5ZD	99	Mar/Apr	18

## Propagation

160m Propagation	K3RV	97	May/Jun	18
ARRL DX Phone Contest 2005 Propagation	K9LA	05	Sep/Oct	33
Best Location in the US?	KE5FI	92	Mar/Apr	26
Blazing Rotators	NM7M	01	Mar/Apr	10
Challenging Propagation for the WRTC 2002 Teams	K9LA	02	Jul/Aug	16
CMEs and Their Impact on Contesting	K9LA	03	Jan/Feb	21
Contesting with Sunspots (Contest Tips, Tricks & Techniques)	W9XT	99	Mar/Apr	37
Cyclic Run Rates	K9LA	01	Jul/Aug	25
Cycle 23 Update	K9LA	02	Jan/Feb	18
Cycle 23 Update - Or How Good Will 10 Meters be for the 1999 ARRL DX Contests?	K9LA	99	Jan/Feb	10
Daily Forecasts - How Good Are They?	K9LA	01	May/Jun	35
Decline of Cycle 22	K3RV	93	Sep/Oct	33
Disturbances	K3RV	98	Jan/Feb	11
Dreaming About 10 Meters	K9LA	05	May/Jun	31
Effective Sunspot Number – SSNe	K9LA	03	Jul/Aug	29
Exceptions to the Rule	K9LA	01	Sep/Oct	24
High Latitude Propagation	K9LA	00	Jan/Feb	31
How Accurate Are Propagation Prediction?	K9LA	01	Mar/Apr	34
The Importance of “Ground” - Part 1	K9LA	01	Nov/Dec	26
The Importance of “Ground” - Part 2	K9LA	02	Mar/Apr	16
<i>IonoProbe, HamCAP, BandMaster</i> (Software for Contesters)	N4ZR	05	May/Jun	29
Learning Propagation Quickly (Contest Tips, Tricks & Techniques)	W9XT	05	May/Jun	33
Moving Into the Summer Months	KE5FI	93	May/Jun	30
Multi-Multi Propagation Planning	K9LA	00	Nov/Dec	33
On Drawing Lines	NM7M	98	Sep/Oct	22
One Method of Band-Planning for Contests	NM7M	98	Jan/Feb	10
Optimum Antenna Height	K3RV	93	Jul/Aug	20
Polarization Considerations	K3RV	90	Mar/Apr	26
Propagation During ARRL DX CW 1995	K3RV	95	Jul/Aug	24
Propagation During CQ WW CW 1988	K3RV	89	Mar/Apr	23
Propagation from EU	K3RV	94	Nov/Dec	25
Propagation Indicators	NM7M	99	Sep/Oct	21
Propagation Planning	K9LA	99	Sep/Oct	26
Propagation Planning for the WRTC Teams	K9LA	00	May/Jun	37
Radio Noise	K3RV	97	Jan/Feb	15
So How’s Cycle 23 Doing	K9LA	00	Mar/Apr	25
Solar Flares and Their Impact on Contesting	K9LA	02	Sep/Oct	42
Some General Truths to Contest By	NM7M	98	Mar/Apr	16
Sporadic E During the 2004 IARU Contest	K9LA	05	Nov/Dec	38
The Statistical Nature of Propagation Predictions	K9LA	00	Jul/Aug	17
Sunspot Cycle 23 Prediction		03	Jan/Feb	42
Thanks, Old Sol, for 10 Meters During CQ WW SSB (Propagation)	K9LA	04	Mar/Apr	38
The Tyranny of the Numbers	NM7M	98	May/Jun	19
Using Less-Common Propagation Modes to Work Multipliers - Part 1	K9LA	99	Mar/Apr	14
Using Less-Common Propagation Modes to Work Multipliers - Part 2	K9LA	99	May/Jun	15
Using Less-Common Propagation Modes to Work Multipliers - Part 3	K9LA	99	Jul/Aug	8
Using Propagation Predictions to Help Decide on a Contest QTH	K9LA	03	Nov/Dec	32
Using Solar Flux and the A Index for Predictions	KE5FI	87	Jul/Aug	17
Visualizing Band Openings with ACE-HF	K9LA	02	Nov/Dec	31
When Will the Band Open?	K9LA	02	May/Jun	32
WRTC 2006 Expected Propagation	K9LA	04	Sep/Oct	38

## Records

All-Time Phone Sprint Records	K7GM	91	Mar/Apr	26
ARRL DX Contest All-Time Records	KM9P	90	Jan/Feb	35
ARRL DX Contest CW—USA Records		85	Jan/Feb	17
ARRL DX Contest SSB—USA Records		85	Jan/Feb	18
ARRL DX Contest SSB	K5ZD	92	Mar/Apr	29
ARRL DX Contest (SSB) Records		91	Mar/Apr	28
ARRL DX Contest		92	Jan/Feb	68
ARRL SSB DX Contest	K5ZD	92	Mar/Apr	29
ARRL DX Contest Records Through 1993	W0UN, W0UA	94	Jan/Feb	35
ARRL DX Contest Records Through 1994	W0UN, W0UA	95	Jan/Feb	35
ARRL DX Contest Records Through 1995	W0UN, W0UA	96	Jan/Feb	36
ARRL Field Day Records		86	May/June	29
ARRL Field Day All-Time Records	KM9P	90	Mar/Apr	30
ARRL Field Day Records	W4DC	97	May/June	28
ARRL Field Day All-Time Records	W4DC	99	May/June	16
ARRL Field Day All-Time Records	W4DC	00	May/June	10
ARRL Field Day All-Time Records	W4DC	01	July/Aug	27
ARRL Field Day All-Time Records	W4DC	02	May/June	9
ARRL Field Day All-Time Records	W4DC	03	May/June	46
ARRL Field Day All-Time Records	W4DC	04	May/June	27
ARRL Field Day All-Time Records	W4DC	05	May/June	42
ARRL Sweepstakes All-Time Records	KM9P	91	Sep/Oct	32
ARRL Sweepstakes All-Time Records	KM9P	90	Nov/Dec	32
ARRL Sweepstakes Records by Section		81	Sep/Oct	15
ARRL Sweepstakes Records by Section and Category	K5ZD	87	Sep/Oct	30
ARRL Sweepstakes		87	Nov/Dec	41
ARRL November Sweepstakes Records		95	Sep/Oct	33
California QSO Party 1995-2004: 10 Years of Statistics and Records	W6ZZZ	05	May/June	24
CQ WPX Contest All-Time Records	KM9P	90	July/Aug	28
CQ WPX Contest—W/VE Records by Call Area		90	Nov/Dec	33
CQ WPX CW Contest—USA Records		85	May/June	24
CQ WPX SSB Contest—USA Records		87	Mar/Apr	25
CQ WPX CW Records through 1993	W0UN, W0UA	94	May/June	31
CQ WPX Phone Records through 1993	W0UN, W0UA	94	May/June	32
CQ WW Contest All-Time Records	KM9P	89	Nov/Dec	27
CQ WW CW Contest—USA Records		86	Nov/Dec	28
CQ WW CW USA Records		87	Nov/Dec	40
CQ WW SSB Contest—USA Records		86	Sep/Oct	21
CQ WW Phone Contest USA Records	K5ZD	87	Sep/Oct	29
IARU Radiosport USA Records		85	May/June	23
January VHF Sweepstakes All-Time Grid Records	KP4XS	96	May/June	31
June VHF QSO Party All-Time Grid Records	KP4XS	96	May/June	31
June VHF QSO Party Highest Scores by Call Area	N0JK	99	May/June	25
NCJ Sprint Records through February 1998	AG9A, K7GM	98	July/Aug	39
North American Sprint CW Records	W6OAT	86	Jan/Feb	31
North American Sprint CW Records		92	Jan/Feb	61
CW Sprint Records	N6TR	96	Jan/Feb	22
CW Sprint Records	AG9A	97	July/Aug	24
CW Sprint Records		04	July/Aug	46
NAQP Records SSB & CW	K6ZZ	97	July/Aug	25
NAQP CW Records through August 1999	K6ZZ	00	May/June	40
NAQP SSB Records through January '98	K6ZZ	98	July/Aug	33

NAQP SSB Records through August 1999	K6ZZ	00	May/Jan	40
North American Sprint Phone Records	K7GM	85	Sep/Oct	21
Phone Sprint Records	K7GM	96	Jan/Feb	22
SSB Sprint Records	K7GM	97	Jul/Aug	24
Records, <i>NCJ</i> North American QSO Parties	W9NQ	96	Jan/Feb	20
September VHF QSO Party Records	W3EP	93	Jul/Aug	15
Updating the ARRL 10 Meter Contest Records	WM5R	05	Sep/Oct	7

### Station Descriptions

20/40 Meter Tower Remodel at W9RE	W9RE	99	Jan/Feb	13
A Contester's Dream . . . Realized: KP4RF	W6RTT	79	Jan/Feb	10
A Look at W5WMU	W5XZ	85	Jan/Feb	5
A Peek at K4VX/0	W8LNO	84	Nov/Dec	8
A Tour of KL7RA	KL7RA	94	Jul/Aug	6
A Tour of KS8S	WM4T	85	Mar/Apr	10
Contest Stations of Central Texas - Do Contest Stations Really Grow	WM5R	00	Nov/Dec	6
Bigger in Texas? (W5KFT, N5CQ, N5TW, K5NA/K5DU, N3BB)				
Contesting from Price Edward Island: An Interview with VY2ZM	OH5DX	03	Mar/Apr	24
Description of W3AU	W3IN	73	Nov/Dec	12
From the Trenches—A Story of Lightning	K5LZO	86	Jan/Feb	9
G0KPW - The Stealth Multi-Multi	G4BUO	98	Jul/Aug	14
Happy Birthday K2GL	K5ZD	86	Nov/Dec	7
In Memory of W2PV	K1AR, K1GQ	83	Sep/Oct	8
Our Name is Frank: W3LPL Contest Station	KC8C	86	Mar/Apr	22
A Rundown of the K1TTT Station	K1TTT	01	Mar/Apr	17
Station Review: W9ZRX	K8CC	85	May/Jan	17
The K3TUP Station	K3LR	87	Mar/Apr	21
K4JA	N5OT	02	May/Jan	22
K5GO-N5DX Station Profile	N5OT	05	Mar/Apr	36
K5TR	N5OT	02	Jul/Aug	27
K8CC Station Profile	N5OT	04	Sep/Oct	34
K9DX Station Profile	N5OT	03	Mar/Apr	28
LZ9W	LZ2CJ	03	Nov/Dec	13
NT1Y Station Profile	N5OT	04	Jan/Feb	22
OH2HE Station Profile	OH1EH	98	Jan/Feb	9
Taking Another Look at VY2ZM on Prince Edward Island, Atlantic Canada	OH5DX	05	Jul/Aug	4
The Little Country Radio Station—N4AR	K8CC	84	Jul/Aug	9
OT*A—The Belgian Multi-Multi Site	ON6TT	95	Mar/Apr	7
VE1JF Station Profile	N5OT	03	May/Jan	32
VE6JY	N5OT	02	Sep/Oct	29
The W4KFC Contest Era	K0CS	84	Mar/Apr	9
W6UE - The Caltech Amateur Radio Club	N5OT	02	Jan/Feb	25
W4MYA	N5OT	03	Nov/Dec	37
W4RM Multi-Two Contest Station in Virginia		03	Nov/Dec	10
W0AIH	N5OT	02	Mar/Apr	33
WB9Z New 20 meter Tower	WB9Z	04	Mar/Apr	29
Who is KH6RS?	K2SIL	76	Sep/Oct	10
YT6A – Station Profile	N5OT	03	Jan/Feb	19

### VHF/UHF

2004 June VHF QSO Party from ZF1DC	K4BI	04	Sep/Oct	27
2004 June VHF QSO Party Notes	N0JK	04	Sep/Oct	41
2005 September VHF QSO Party - A Contest Trifecta of Propagation	N0JK	05	Nov/Dec	41

6 Meters in the CQWW and ARRL DX Contests? Why Not?!	N0JK	02	Mar/Apr	27
AM-6155 Amplifier (VHF-UHF Contesting)	N0JK	97	Mar/Apr	25
ARRL Proposed Rule Changes to the VHF Contests	N0JK	04	May/Jun	34
ARRL September VHF QSO Party 1983-1997 All-time High QSO and Grid Totals by Band	K9AKS	98	Nov/Dec	54
Aurora in VHF Contests	N0JK	04	Nov/Dec	30
Big Coast-to-coast sporadic E in January 2004 VHF Sweepstakes	N0JK	04	Mar/Apr	41
Digital Modes in VHF Contesting	N0JK	05	Mar/Apr	31
A Descriptive Model of VHF Contest Activity	W9GKA	05	May/Jun	14
Highest Scores, June VHF QSO Party 1986-1998	N0JK	99	Mar/Apr	31
How I Built a Rover	K1KC	04	Jul/Aug	6
How to be a "DX Station" in the June VHF QSO Party	N0JK	01	Mar/Apr	26
January 2001 VHF Sweepstakes - Rovers Save the Day!	N0JK	01	May/Jun	30
January 2005 VHF Sweepstakes, WSJT, Chat Rooms	N0JK	05	May/Jun	36
June 2002 VHF QSO Party - Worst Es in Years	N0JK	02	Sep/Oct	41
The July 2003 CQ WW VHF Contest Tropo Opening	N0JK	03	Nov/Dec	28
Lessons from the January 2003 VHF Sweepstakes Es Opening	N0JK	03	May/Jun	43
Meteor Scatter Techniques in VHF Contests	N0JK	99	Mar/Apr	29
Microwave Contesting	KD5RO	92	May/Jun	13
1992 June and September VHF QSO Party Breakdowns by Band	KR1R	93	May/Jun	32
Post Solar Cycle 23	N0JK	02	Jul/Aug	20
Preliminary Report on the January 2004 VHF Sweepstakes	N0JK	04	Mar/Apr	17
Record Breaking Tropo on 144 and 222 MHz in September 2003	N0JK	03	Nov/Dec	41
Results, 1987 ARRL Spring Sprints	KR1R	87	Nov/Dec	44
Results, 1988 ARRL Spring Sprints	KR1R	88	Nov/Dec	25
Results, 1989 ARRL Spring Sprints	KR1R	90	Jan/Feb	31
Results, 1990 ARRL Spring Sprints	NF1J	90	Nov/Dec	34
Results, 1991 ARRL Spring Sprints	KR1R, NF1J	91	Nov/Dec	28
Results, 1992 ARRL Spring Sprints	KR1R, NF1J	92	Nov/Dec	30
Results, 1993 ARRL Spring Sprints	KR1R, NF1J	93	Nov/Dec	37
Results, 1994 ARRL Spring Sprints	KR1R, NF1J	94	Nov/Dec	32
Results, 1995 ARRL Spring Sprints	KR1R, NF1J	95	Nov/Dec	32
Results, 1996 ARRL Spring Sprints	K1PI	97	Mar/Apr	30
Results, 1997 ARRL Spring Sprints	N1NAV	98	Mar/Apr	42
Rover Tips from a Grid Pirate	ND3F	01	Jul/Aug	20
Roving in VHF Contests: How To Score Three Million Points - and Why	N6NB	04	May/Jun	28
Solar Cycle 23: "Game Over?" - <i>Hardly!</i>	N0JK	02	Jan/Feb	28
Stealth VHF Contesting	N0JK	05	Jul/Aug	28
Stealth VHF Contesting and more	N0JK	05	Sep/Oct	38
A Summary of the January 2003 VHF Sweepstakes	W9GKA	03	May/Jun	29
The Sunspots are Back! & Tropospheric Modes	N0JK	00	Jan/Feb	37
A Tale of Two June VHF QSO Party Expeditions (+T15KD)	N0JK	03	Sep/Oct	37
Trends in VHF Contesting	W9GKA	04	Jan/Feb	6
Using That New HF+6m Rig on 6 Meters	N0KE	98	Nov/Dec	38
VHF Contest Preparation	N2YB	00	Mar/Apr	37
VHF Contesting - 6 Meters (Propagation)	K9LA	01	Jan/Feb	26
The VHF QRP Portable Category - Into the Second Decade	W9GKA	04	Jul/Aug	15
VHF-UHF+ Contest Strategy and Approach	N0JK	97	Jul/Aug	18
W3ZZ's Contesting Article and Comments	N0JK	03	Jul/Aug	31
WSJT in VHF Contests	N0JK	01	Nov/Dec	28