IRCA REPRINTS – June 2024

A great many articles have appeared in **DX Monitor** since the club first started in 1964. They offer a wide variety of information on Broadcast Band DXing. This is the list of reprints and other items, which are currently available. Numbers in parenthesis are the total number of pages contained in the reprint. Designations "mm/yy" following the descriptions are the month of IRCA's DX Monitor in which the reprint originally appeared (if a further pair of numbers appears, it is the DX Monitor volume and issue number).

Click on topic:

ANTENNAS DOMESTIC FOREIGN GENERAL HISTORY OF RADIO LISTS MODIFICATION RECEIVERS TECHNICAL ULTRALIGHT/FSL DXPEDITIONS

ANTENNAS

A-001 **Construction of a Directional Spiral Loop Antenna** (1) Dallas John/Keith Birlingmair. Construction details for a simple inexpensive loop antenna. 09/73

A-002 **Construction of a "Box" Loop Antenna** (2). Plans for a large un-amplified four foot box loop. 03/69

A-003 **DCL Construction Plans** (1) Dave Fischer. Schematic for a Direct Coupled Loop Antenna. Some receiver modification may be required. 01/70

A-004 **Roll Your Own** (1) Dave Fischer. Hints on the construction of a simple two-foot box loop antenna. 12/69

A-005 **The Loop-Sensor Cardioid Array (LSCA)** (1) Ron Schatz. Introductory thoughts about combining signals from a loop and a longwire or vertical, which can produce a heart-shaped receiving pattern. See A006, A007, A018 and A032. 05/71

A-006 **Some Comments on the Loop-Sensor Cardioid Array** (2) Gordon Nelson. Discusses some of the shortcomings of the theory described in A005. 08/71

A-007 **The Loop-Sensor Cardioid Array** (7) Ron Schatz. In depth description of the LSCA, with construction hints and examples of reception. See A005. 09/73

A-008 **Two-Foot DCL Plans** (3) Ralph Sanserino/Nick Hall-Patch. Updated construction plans for a two-foot box loop and preamplifier, the "Sanserino Loop". Very well done. 10/80

A-009 **The Shielded Ferrite Loop: Principles and Practice** (4) Joe Worcester. Theoretical description of a ferrite rod loop antenna, used by many DXers because of its small size. See A010 for construction details, also A031. 02/70

A-010 **How to Build the SPACE MAGNET Shielded Ferrite Loop** (6) Joe Worcester. Very thorough plans for constructing the antenna described in A009 (SM-1 and SM-2). Includes photo. 01/71

A-011 **The Super Signal Snatcher** (4) Dave Fischer. Theory on the set up and operation of a Beverage antenna (a very long wire), with tables and graphs. See A015, A016, A019, A023, A042 and A046. 12/72

A-012 **Using Two Loop Antennas to Generate Asymmetrical Receiving Patterns** (1) Mike Levintow. Describes how the simultaneous use of two loop antennas can distort the pattern of a single antenna, possibly nulling out some stations otherwise un-nullable. 12/73

A-013 **The Wedge** (3) Charles Wolff. Detailed plans on a space saving wedge-shaped air-core loop. Includes tuning instructions and base construction. 11/75

A-015 **NEBE** (3) Dave Fischer. Describes the construction and results of a Beverage antenna DXpedition in the middle of Nebraska. See A011. 03/75

A-016 **Report on the Beverage Antenna DXpedition** (1) Don Kenney. Describes a DXpedition to the Mojave Desert using two Beverage antennas, one 2800'/850m, the other 6000'/1830m. Results are discussed. See A011. 09/72

A-017 **Loops for the Barlow Wadley, (or anything else)** (1) Grant Manning/Ralph Sanserino. Directions for modifying the XCR-30 so it can be used with a ferrite rod antenna. Also includes two schematics for single ended FET preamplifiers. 08/75

A-018 **LSCA-2** (4) Ron Schatz. Construction plans for an updated version of the LSCA (described in A005), which is easier to build and use. 03/76

A-019 **Some Thoughts on Beverages** (1) H John Clements. An experienced Beverage antenna user gives some hints to potential Beverage antenna builders. See A011. 04/78

A-020 **4 Commercially Available Ferrite Loops** (1) Michael Sapp. Author compares the performance of the SM-2, MW-1, DA-5/7 and Palomar ferrite core antennas. Several areas of concern to the DXer are addressed, and each antenna is rated. See also A022 and A035. 06/78

A-021 **Amplifiers/Tuners for Longwires** (1) Brian Sherwood. Two circuits for amplifying the signal from a coupled longwire to a receiver. See A027. 01/79

A-022 **MW-1 vs SM-2** (2) Mark Connelly. Two popular ferrite core loop antennas are compared by an experienced DXer. See A020. 03/79

A-023 **The Jordan River Beverage Expedition** (1) Nick Hall-Patch. DXers brave the wilds of Vancouver Island in order to hear DUs on a Beverage. See A011. 08/79

A-024 **DXing with the "DX Flyers"** (1) Gerry Thomas/Charlie Barfield. What is it like DXing with an antenna strung out with a kite? Talks about results of 650'/198m wire towed by a flying kite. 10/79

A-025 **The KRS All-Band "Active" Antenna** (1) Mike Hardester. Review of Radio West's amplified "whip" antenna. 07/80

A-026 **Random Length Antennas** (1) Bruce Portzer. Discussion of random length antenna, their advantages and disadvantages. 10/80

A-027 **Random Wire Accessories** (2) Nick Hall-Patch/Ralph Sanserino. Attenuators, couplers, traps and amplifiers for use with longwire antennas. See A021. 10/80

A-028 **Phased Longwire Antennas** (1) Mark Connelly. A phasing unit is used to sum the outputs of two longwires to obtain directional patterns. Schematic included. 10/80

A-029 **Why a Loop?** (2) Phil Bytheway. Loop antenna theory, construction and tuning techniques are discussed. 10/80

A-030 **Using the Loop** (1) Grant Manning. Discusses methods for getting the most out of a loop antenna. 10/80

A-031 **A Ferrite-Core Loop Antenna** (1) Nick Hall-Patch. Construction details for a simple ferrite loop antenna using the FET pre-amplifier described in A-008. See also A-009. 10/80

A-032 **A Loop-Longwire Combo** (1) Nick Hall-Patch. Talks about a simple way to connect a loop and longwire to obtain unidirectional receiving patterns. Similar to the LSCA. See A005. 10/80

A-033 **Improve Your DX by Phasing Non-Identical Antennae** (1) Mark Connelly. Discusses the effects of using two parallel antennas (one on the ground) and a phasing unit. Includes some examples of DX. 05/81

A-034 **The MFJ-1020 Indoor Active Antenna** (1) Randy Tomer. Review. 07/81

A-035 **Radio West Ferrite Loop Antenna** (1) Don Moman. Review of the MW-1 and a comparison to the SM-2. See A020. 07/81

A-036 **Phasing Unit Design Modifications** (5) Mark Connelly. Introduction to antenna phasing techniques. Discussion of a conventional phasing unit and its use. Some shortcomings and possible corrections are addressed. 10/81

A-037 **The Martens MW Loop Antenna** (1) Ben Peters/George Hakiel/Don Moman. Several reviews of this compact air-core loop antenna from Germany. 10/81 and 03/84

A-038 **Constructing a Phasing Unit** (7) Mark Connelly. Complete details for the construction and use of a phasing unit. When finished, the unit will phase antennae of longer than 98'/30m or amplified shortwires longer than 16'/5m. Includes parts list, schematic and drawings as well as step by step instructions for its use. 11/81

A-039 **Phased Amplified Shortwires** (4) Mark Connelly. Discussion of phasing short wires (16'/5m or shorter), using a "Space Magnet" antenna (A010) as a tuner/amplifier. Detailed operation of the system is outlined. 12/81

A-040 A Comparison of the "Shotgun" and "Select-a-Tenna" Loop Antennas (1) Randy Tomer. Introduction to the "Select-a-Tenna" and comparison to Radio West's Shotgun antenna. 01/82

A-041 Defeating Atmospheric Interference by Underground Antennae (1). Short introduction with description of two techniques. 01/82

A-042 The Practical Beverage Antenna (1) Don Moman. Author describes time saving techniques used to create "instant" Beverage antennas. See A011. 03/82

A-043 Large-Area Loops for High-Noise Environments (1) Glen Kippel/Steve McGreevy. Details on the construction and use of large-area loop antennas. See A052. 03/82 and 06/83

A-044 Yaesu FRT-7700, FRA-7700, Grove Signal Match TUN-2 (2) Sheldon Remington/Randy Tomer/Don Moman. Reviews and a comparison of the FRT-7700 Passive Tuner, FRA-7700 Active Antenna and SW Horizons' Receiver-Antenna Interface #1 (A045). 07/82 and 02/83

A-045 A High Performance Preselector for MW (1) Don Moman. Description, construction details and performance notes of Shortwave Horizons' Receiver-Antenna Interface #1.0. 8/82

A-046 A Simple Guide to Beverage DXpeditions (1) Doug Nyholm. An introduction to planning a Beverage DXpedition, including equipment and some theory for the layman. See A011. 03/83

A-047 The Hot Rod (3) Gerry Thomas. Complete details for building this small, inexpensive ferrite antenna for use in signal boosting on portable radios. 05/83

A-048 Optimizing an Unamplified Loop Antenna (1) Nick Hall-Patch. Techniques for matching loop antenna output and receiver input to get higher "Q". In addition, a scheme for determining loop "Q" is described. 06/83

A-049 Results Using a Random Wire Antenna Phasing Unit (1) James Herkimer. Author experiments with a phasing unit (see A38) and gives examples of the results obtained in comparison with a Radio West ferrite loop. 08/83

A-050 The "APT-2" Active Antenna Tuner (9) Mark Connelly. Complete details and diagrams for the construction and use of an active parallel tuner with regeneration for use with wires 2'/0.6m to 1000'/305m (150 kHz – 8 MHz). Layout and step-by-step construction are included, as well as instructions for use. See A053. 11/83

A-051 Modular Phasing Systems (4) Mark Connelly. Detailed description of an updated system for longwire phasing (see A038) which utilizes a modular approach. Schematics are given for various tuners (long and short wire active series, passive parallel and active parallel) as well as the phasing unit. 09/83

A-052 Nulling with Two Wall-Mounted Loops (2) Ben Peters. Results of experimentation with two wall mounted loops 90 degrees apart. Includes construction details. See A043. 01/84

A-053 APT3: An Improved Design Active Parallel L-C Tuner (5) Mark Connelly. Design improvements to the APT-2 (A050) yield the APT-3, an easier to use and more adaptable version of the regenerative longwire tuner. Schematics, drawings and description of use. Complete construction details in A054. 02/84

A-054 MWDX-2 Phasing Unit (7) Mark Connelly. Description, use and construction details for an improved phasing system which is a single unit, designed for longer longwires (greater than 82'/25m). See A064. 02/84

A-055 The BBA-1 Broadband Amplifier (5) Mark Connelly. Details for construction and operation of a 15db broadband (100 kHz to 30 MHz) amplifier for use in systems where knob tweeking is to be kept to a minimum. 03/84

A-056 Seven Passive Tuners (5) Mark Connelly. Author describes and gives schematics for 7 different series/parallel tuner circuits for the LW, MW and tropical bands. 03/84

A-057 Varactor Diode Applications for DXers (5) Mark Connelly. Discussion of how a varactor diode can be used as a voltage controlled variable capacitor. Good and bad points are discussed, and some initial circuits for a remote tuned loop antenna and VFO. 03/84

A-058 The 3 Parallel Loop – Adcock System (5) Ben Peters. Complete description of an antenna system consisting of three loops mounted on a board. Thorough instructions for use and some construction hints. 05/84

A-059 Ideas on Remote Tuned Antennas (1) Mark Connelly. Short introduction and preliminary schematic. See A066. 05/84

A-060 Some Antenna Experiments (2) WR McIntosh. Description of the "Helical Longwire", a loop sized 293'/89m coil. Results are presented using different antenna tuners. 06/84

A-061 Four Wall Loops for Better Nulls (2) Ben Peters. Analysis of an antenna system using four wall mounted loops with a fifth in the center. 10/84

A-062 "Easy-to-Build" Loop vs Wire Phaser (1) Mark Connelly. Circuit for phasing loop antenna output with a minimum 100'/30m longwire. Includes instructions for use. 10/84

A-063 An RF Notch Filter (1) Don Moman. Schematic for a tunable RF filter which will provide a 45db notch. 10/84

A-064 The MWDX-2A Phasing Unit (3) Mark Connelly. Description and schematic for an improved version of the MWDX-2 (A054) which allows any wire length antennas to be used. 10/84

A-065 Database Search – Loop Antennas (4) DIALOG. List of recent technical and general articles pertaining to loop antennas, as compiled by Mark Connelly from the DIALOG data retrieval service. 12/84

A-066 RT-1 Remotely Controlled Antenna Tuner (3) Mark Connelly. Complete description and schematics for a varactor diode remotely tuned antenna (up to 50'/15m). See A059. 01/85

A-067 Notes on Mediumwave Beverage Antennas (3) Nick Hall-Patch/Don Moman. Summary of experiments done on Beverage termination, directional effects, construction and length. Brief description of the effect of two phased Beverages as well. 01/85

A-068 MWDX-2B and 2C Phasing Units (2) Mark Connelly. Improvements and changes to the MWDX-2A unit for phasing longwire antennas. 09/85

A-069 A Simple Passive Longwire Tuner (1) Mark Connelly. Describes a simple unit for tuning a longwire for BCB reception.

A-070 The Mitchell Lee Loop Amplifier (5) Mark Connelly. Two versions are described, one for use with loops, the other with tuned circuits for LW, BCB and Tropical Band DXing. 03/85 and 09/85

A-071 Hotrodding the Mini-MWDX3 Phasing Unit (2) Mark Connelly. Describes some improvements to Mark's phasing unit.

A-072 MWDX-4 and Mini-MWDX-4 Phasing Units (9) Mark Connelly. Describes two devices for phase-cancelling a dominant station, allowing you to receive signals which would otherwise be inaudible. 11/85

A-073 The Phase One, A Delay Line Phasing Unit (2) Gerry Thomas. Describes an active phasing unit for eliminating interference.

A-074 Active Shortwire Phasing System Using Modified Hagen Loop (3) Mark Connelly. Describes a modification to a loop antenna amplifier to make it useable with short antennas (such as rabbit ears). 1/86

A-075 The MWT-1: A MW Tuner/Preselector with Regeneration Capability (6). Construction plans and theory of operation for a highly selective longwire tuner/amplifier. 12/85

A-076 The Mini-MWT-1C: A Simple Yet Versatile MW Tuner (3) Mark Connelly. Self-explanatory title! 02/86

A-077 Additional Tuners in the MWT-1 Family (5) Mark Connelly. Detailed instructions on building more MW tuners. 03/86

A-078 A Loop Antenna Bibliography (3) Ben Peters. A list of patent disclosures and articles from professional publications, all pertaining to loop antennas, from 1920 to 1982. 02/86

A-079 A New(?) Aid: The Receiver Multicoupler (1) Matt Stutterheim. Describes surplus multicouplers and their use in BCB DXing. 11/86

A-080 Heathkit Model HD-1424 Active Antenna (1) Karl Zuk. Product review. 02/87

A-081 Sloping Random Wire Antennas (1) Jim Herkimer/Nick Hall-Patch. Discusses the use of random wire antennas sloped down to ground level.

A-082 The Mini MWDX-3 (9) Mark Connelly. Describes a simple, effective phasing unit for longwires. Includes detailed wiring instructions.

A-083 RT1 and RT2 Remotely Controlled Antenna Tuners, Articles 2 and 3 (5) Mark Connelly. Continuation of A066.

A-084 The Micro MWDX-4 Phasing Unit (3) Mark Connelly. A highly compact phasing unit for longwires. 02/86

A-085 Phasing Network for Beverage Antennas (1). Reprint of an FCC paper describing a phasing network for Beverage antennas at their Powder Springs GA, monitoring stations.

A-086 Antennas for Standard Broadcast Station Reception (2) FCC. A brief discussion of various types of antennas that can be used to improve AM radio reception. Reprinted from FCC publication dated 04/58. 02/88

A-087 Memorandum on the Beverage Wave Antenna for Reception of Frequencies in the 550 – 1500 Kilocycle Band (4) Benjamin Wolf/Adolph Andersen. A discussion of length, height, grounding, coupling, lightning protection, transmission effects and termination of Beverage antennas. Reprint from FCC publication dated 04/58. 02/88

A-088 ENCEBE – A North Carolina Mini Beverage (3). Description of Beverage construction and reception near Grifton NC. 03/88

A-089 A 5-Foot Altazimuth Loop for Long or Medium Wave Reception (2) Steve McDonald. Description and construction details for a large octagonal shaped inductively coupled air-core loop. 09/88

A-090 Some Thoughts on a Subterranean Antenna System for BCB DXing (1) Shawn Axelrod. The author compares an antenna strung in an underground basement with a longwire and loop. 10/88

A-091 Designing a Parasitic Array (1) Broadcast Engineering. Description of the broadcast antenna used by WWWE-1100, in Cleveland. 11/88

A-092 The Beverage Antenna Handbook, 2nd edition 1987 (1) Nick Hall-Patch. Review of this excellent Beverage book by Victor A Misek. 11/88

A-093 Product Review: The Backcountry Booster (1) Bruce Portzer. Review of this antenna coupler. 12/88

A-094 Impedance Matching a Beverage Antenna to a Receiver (9) Nick Hall-Patch/John Bryant. Discussion of impedance and practical solutions for Beverage applications. 02/89

A-095 Micro-MWDX-4A Loop-vs-Wire Phaser (8) Mark Connelly. Addresses construction of a phaser to use for loop and longwire phasing. Includes complete instructions for construction and operation. 04/89, 05/89

A-096 A Splitter Transformer for the Beverage DXer (3) Nick Hall-Patch. Discussion of splitters and instructions for construction of one applicable for Beverage antennas and 50 ohm receiver inputs. 10/89

A-097 Phasing Unit Designs: Simple to Construct (3) Mark Connelly. Short discussion of simple phasing units, starting with a basic unit and discussion of add ons. 04/90

A-098 The "Bevmatcher" Broadband Antenna Matching and Combining Unit (9) Mark Connelly. Detailed discussion for a unit for coupling longwires to 50 ohm receiver inputs. 03/91

A-099 The MWT-2 Regenerative Tuner (12) Mark Connelly. Updated design of the MWT-1 which adds the ability to provide power to active antennas, increases frequency coverage, adds regenerative control, provides higher gain and adds broadband amplification. 03/91

A-100 What's Wrong With Present Day Loop Antennas (2) Dallas Lankford. Discussion of loop antenna pre-amplifiers with emphasis on gain factor. Also includes schematic for lower gain amplifier. 03/91

A-101 High Dynamic Range Balun Loops (3) Dallas Lankford. Description of a 2 foot air-core loop and accompanying preamplifier intended for DXers in rural locations. 03/91

A-102 Loop Antenna Sensitivity (1) Dallas Lankford. Discussion of loop sensitivity and what that means to the types of loops AM DXers use. 04/91

A-103 High Performance One Foot Air Core Loop (1) Dallas Lankford. Development of a 1 foot air core loop antenna and pre-amplifier (greater mobility and an air-core design). 04/91

A-104 LIL-3 (1) Dallas Lankford. Schematic and description for a simple phasing unit intended for use with longwire and loop antenna. 04/91

A-105 The RTU-1 Remote Tuning Unit for Active Whips (12) Mark Connelly. Description of a varactor diode tuned remote preselector for whips. Schematic, parts list and construction details are included for the tuner and control circuitry. 06/91

A-106 Option 5/MWT-2: A Controller for Remotely-Tuned Antennae (2) Mark Connelly. An option to allow remote control of varactor-tuned antennae. Includes parts list, schematic and a complete MWT-2 block diagram. 07/91

A-107 Interference-Reducing Antennas for the BCB/Remote Tuning and Amplified Antenna Signals (3) Denzil Wraight. Antennas for the reduction of interference from household appliances, fluorescent lighting and TV utilizing transformers are discussed. Some thoughts on components used for remote tuning systems. 07/91

A-108 Inverted L Noise Reducing MF/VLF Antenna (2) Dallas Lankford. Description, schematic and discussion of a specific noise reducing antenna design. Construction details are supplied as well as a comparison to other antennae. 08/91

A-109 Loop Experiments: The Super Booster Bar (1) Gerry Thomas. Construction of a tuned passive ferrite booster loop which inductively couples to a receiver to improve reception. 08/91

A-110 The RTL-1 Remotely-Tuned Loop (9) Mark Connelly. Details on a remotely tunable balanced loop antenna used with Palomar loop coil heads (or similar) and a phasing unit (phasing with longwires). Schematics, parts lists, board layouts and other construction details included. 08/91, 09/91

A-111 The DCP-1 Dual Controller / Phaser for Remotely-Tuned Active Antennae (8) Mark Connelly. Discussion of the control of two independent varactor-tuned remote active antennae and output phasing. Schematic, parts list and layout are presented as well as a description of its usage. 10/91

A-112 MWDX-5 Phasing Unit (6) Mark Connelly. Longwire phaser utilizing both series (long wires) and parallel (short wires) tuned inputs. Also uses BBA-C broadband preamplifier. 01/92

A-113 BFE-C Loop Amplifier Card (2) Mark Connelly. Schematic and text describing a balanced cascode loop amplifier (similar to Dallas Lankford's new loop amp design) which reduces noise and spurious responses from loop antennas. 02/92

A-114 Mini-MWDX-5: A Very Simple Phasing Unit (3) Mark Connelly. Brief description of a simple two wire phasing unit. 02/92

A-115 More notes on Interference-Reducing Antennas (3) Denzil Wraight. Continued discussion (see A107/A108) of interference reducing longwire antennas. Short bibliography included. 03/92

A-116 The Quantum Loop (3) Gerry Thomas. Design description of Gerry's new ferrite loop antenna complete with construction details, tuner/amplifier schematic and usage. See A120 for review. 03/92

A-117 Antenna Switching Box (1). Pictures and description of a box with banana jacks that allows easy switching between multiple antennas without switches. 03/92

A-118 The Electric Fence Beverage (2) Leonard Hyde. Details on the construction and use of a Beverage antenna using .042 gauge fence wire along with construction details for a wire winding spool. 05/92

A-119 One-Chip Active Whips (2) Mark Connelly. Active whip amplifier design utilizing single chip buffer amplifiers. 06/92

A-120 Quantum Loop Test Evaluation and Improvements (2) Mark Connelly. Marks tests and evaluates Gerry Thomas' Quantum Loop (see A116). Several problems and their solution are discussed. 07/92

A-121 Improved Receiver Grounds (3) Nick Hall-Patch. Discussion of antenna and receiver ground schemes with emphasis on what works best. 09/92

A-122 Improvements to Regenerative Tuner Designs (1) Mark Connelly. Discussion and schematic for the RFE-D regenerative tuner/amplifier and its integration in Mark's antenna system. 09/92

A-123 Another Look at Noise-Reducing Antenna Systems (1) Mark Connelly. Continued discussion of the low noise inverted L antennas discussed in A107/A108. 10/92

A-124 RTL-1A: Improved Version of the RTL-1 Remotely-Tuned Loop (3) Mark Connelly. Addendum to A110 outlining modifications to the basic design adding switches for more dynamic operation, switching the amplifier from a BFE-A to BFE-C, and broadband amplifier from BBA-C to BBA-C1. 10/92

A-125 High Performance General Purpose Loop Amp (5) Dallas Lankford. Complete description and schematic of an improved loop amplifier with balanced output. 11/92

A-126 Ribbon Cable Loops (2) Mark Connelly. Computer ribbon cable is used to construct the windings for a loop. Construction details and results of experiments Mark conducted with a 5 foot long, 10 conductor loop. 12/92

A-127 BUF-A Buffer Amplifier Card: A Valuable Building Block for DX Projects (7) Mark Connelly. The use of off-the-shelf buffer-amplifier chips in DX applications. 01/93

A-128 Super MWDX-5 Phasing Unit (6) Mark Connelly. Enhanced capabilities of the MWDX-5 (see A112) including added transformers for noise reduction, better nulling and spare antenna connections. 04/93

A-129 An Unamplified Four Foot Box Loop (4) Shawn Axelrod. Complete details on construction and tuning of this inductively coupled loop. 05/93

A-130 KIWA MW Loop Antenna (1) Phil Bytheway. Complete, detailed review of this 12 inch air core loop antenna with regeneration. 07/93

A-131 A Coupler and Upgrades for the Quantum Loop (2) Gerry Thomas. Construction details for a loop coupler and use of the coupler with radios without external antenna terminals. Also, several upgrades to the original design are outlined. 07/93

A-132 The RTL-2 Remotely-Tuned Loop (5) Mark Connelly. The RTL-2 has increased performance over the RTL-1 (see A110), and the ability to handle Quantum, Palomar and home-brew ferrite core antennas.

A-133 MWT-3 Regenerative Tuner/Controller (6) Mark Connelly. Combines the features of remotely controlled loops and whips with active and passive preselection, all with improved dynamic range (versus MWT-1 and 2 – see A099). 12/93

A-134 DL-1 Delay-Line Phasing Unit (4) Mark Connelly. Complete discussion of using delay lines in a passive phaser. Good dialog on the principles of delay line phasing, and operation of the DL-1. 03/94

A-135 KIWA vs Quantum Loop Comparison (1) Elliot Straus. Head to head comparison of these two commercially available loop antennas. 11/94

A-136 Antenna Experiments – Summer 1994 (3) Mark Connelly. Discussion of several antenna system configurations. Loop phased against Whip, "snake" (ground transmission line) and Balanced Wire Antennas are described in detail. 11/94

A-137 The Case for the Full Size/Full Performance Loop Antenna (3) Ray Moore. Discussion of the advantages of using large, unamplified, air core loops over smaller ferrite or air core loops. 12/94

A-138 MWDX-6 Phasing Unit (7) Mark Connelly. Brief description of an antenna phaser with improved signal-to-noise ratio at low signal rural locations. Wires at least 66 feet long should be used. 01/95

A-139 Loop Showdown: KIWA versus RSM-105 (2) Mark Connelly. Brief description of the two loops and a thorough comparison across the MW band. Also includes some comparisons with the Quantum loop. 09/95

A-140 The Quantum (or Q-) Stick (2) Gerry Thomas. Description of a ferrite passive antenna booster for use with portable radios. In addition to a tuned circuit for BCB, it also contains circuitry for connecting it to an external antenna jack. 02/96

A-141 The DCP-2 Dual Control / Phaser (22) Mark Connelly. An updated version of the DCP-1 (see A111) which includes delay line circuits for easier tuning/phasing. Description, parts list and operation are covered. 06/96

A-142 Advanced Q-Stick DXing Techniques (2) Gerry Thomas. How to use your QStick and portable radio to improve reception quality and increase your probability of nabbing some tough DX.

A-143 Two Updated Remote Active Antennas (19) Mark Connelly. The updated construction and use of 2 Remote Active Antennas.

A-144 Remote-Controlled Termination Beverage Antenna (18) Steve Byan. Describes how to use a commercial cadmium sulphide photocell package to control the termination resistance of a Beverage antenna from the receiver. Also some notes on Beverage antenna installation and operation. 02/97

A-145 The JPS ANC-4 Antenna Noise Canceller (3) Harry Helms and Nick Hall-Patch. A brief description and operational review of a commercial noise canceling system that uses a built in active antenna. 02/97

A-146 The MFJ-1026 (2) Mark Connelly. An extensive review of this “Deluxe Noise Canceling Signal Enhancer” from MFJ, including instructions for making it functional from 300 to 1800 kHz, and describing its use as a phasing unit for two different antennas. 08/97

A-147 DXP-1 DXpedition Phasing Unit (17) Mark Connelly. Construction and use of the DXP – with features not available on the MFJ-1026. 05/99

A-148 Is it a Loop or a Random Wire? (6) Nick Hall-Patch. A description of terminated loop antennas that provide cardioids receiving patterns, including the K9AY, the Ewe, Flag and Pennant antennas. 03/00

A-149 The Wellbrook K9AY Antenna: A User’s Review (6) John Bryant. A review of a commercially available version of the K9AY antenna, describing its capabilities on long, medium and short waves, and a variant that uses 4 loops for greater nulling precision, rather than Wellbrook’s original two loops. 08/00

A-150 Loop Experiments (1) Mark Connelly. An excerpt from some recent correspondence with Gerry Thomas of RadioPlus Electronics. on loop experiments. 03/01

A-151 Is Your Coaxial Lead-In Actually an Antenna?? (6) John H Bryant/Bill Bowers. Description of how a coaxial cable lead-in can degrade the directionality and low noise characteristics of an antenna, along with notes on the design and testing of the RF chokes used to solve the problem. 04/01 – updated 10/03

A-152 Electrically-Short Dipole Antennas (1) Mark Connelly. Discussion of a short dipole antenna. and how to obtain maximum signal. 05/01

A-153 Initial "Kaz Antenna" Tests at WA1ION (1) Mark Connelly. 05/01

A-154 Sloper Antenna Tests (1) Mark Connelly. Discusses several sloper antennas he has used, and how it diminished local signals. 06/01

A-155 Fabricating Impedance Transformers for Receiving Antennas (26) Bill Bowers, John Bryant and Nick Hall-Patch. An update of reprint A094, describing the theory behind the design of antenna impedance matching transformers, the preferred core materials, and practical details on winding and using the transformers. Originally appeared in DX Monitor 05/01, but this version, updated 07/03, is courtesy of http://www.dxing.info/

A-156 Testing Two "KAZ" Squashed Delta Antennas (8) John Bryant. The Kaz antenna is a variant of the cardioid designs described in A148. This review compares its performance with the K9AY antenna, and describes the advantages of the “Super” Kaz, a larger version of the original. 05/01

A-157 KAZ vs Flag (1) Andy Ikin. Andy tests the KAZ Delta Loop against the Flag and K9AY. 08/01

A-158 Phasing Improves Kaz Antenna Nulls (2) Mark Connelly. 09/01

A-159 Loop Shoot-Out at East Harwich (3) Mark Connelly. A comparison of the performance of a Kiwa loop against variants of the Quantum loop and against a 30 meter sloper antenna. 10/01

A-160 Phased Spaced Active Whips and Broadband Loops (3) Mark Connelly. A comparison of phasing two active whip antennas against each other versus the phasing of two small broadband loop antennas, as well as phasing a whip against a loop. 08/02

A-161 Flag Antenna Construction and Test Results (6) Mark Connelly. A detailed description of the construction of this antenna, including matching transformer and remotely controlled Vactrol termination. 10/02

A-162 New Termination Control Method for Flag, Pennant, and similar Antennas (2) Mark Connelly. Another method for remotely varying an antenna termination, using two feedlines. 12/02

A-163 Three Loop Antenna Array with Electrically-Rotatable Nulling (6) Mark Connelly. By using three broadband loop antennas set up at 120 degree bearing differences, a fully rotatable single-null (cardioid pattern) can be achieved by combining given pairs of loops. 03/03

A-164 The AMRAD Active Antenna / The Wellbrook ALA 100 Large Aperture Active Loop Antenna (2) Nick Hall-Patch. Review of an active whip antenna, originally described in a QST construction article, as well as a review of a commercially available active broadband loop antenna. 09/03

A-165 Passive Broadband Phasing including Mini-DXP-5 phasing unit design (3) Mark Connelly WA1ION. Design, construction details and operation of the Mini-DXP-5 antenna phaser. (05/04 – 41/27)

A-166 An Evaluation of Commercially Available Signal Splitters (3) Bill Bowers/John H Bryant. A detailed analysis of the capabilities of RF Systems SP-1, Stridsberg Mc-102 splitters, as well as several units from Mini-Circuits Laboratories, (06/04 – 41/28)

A-167 DXtuners.com: A First Look at a Valuable Research Tool for the MW DXer (1) Mark Connelly WA1ION. Describes receivers placed online in various parts of the world that can be used via the internet. (08/04 – 41/30)

A-168 Rolling Your Own: building antenna splitters that perform better than most commercial units (4) John H Bryant/Bill Bowers. How to build your own signal splitters, along with evaluations of the finished product compared with commercial units. (03/05 – 42/24)

A-169 Comparing the Ewe and the Flag antennas (1) Nick Hall-Patch. Comparing signal strength, directionality, and signal to noise ratio of similar sized Flag and Ewe antennas (02/06 – 43/22)

A-170 An Interesting Antenna Discovery (1) Mark Connelly. Finding wide band nulls when phasing a whip against a loop, both portable. (05/06 – 43/27)

A-171 Copper Tube Loop project (2) Craig Healy. Building and testing broadband loop antennas using copper pipe and plumbing fittings. (06/06 – 43/28)

A-172 An In-Use Look at a Beta Prototype of the Upcoming Wellbrook Phased Array (6) John H Bryant. In field observations from phasing a pair of spaced broadband loops with the Wellbrook phasing unit, as well as comparing its capability with Beverage antennas and phased Ewe antennas at various sites. (07/08 – 45/29)

A-173 Using Tuned Passive Loop Antennas (4) Kevin Schanilec. Pairs of tuned passive loop antennas can be used to improve sensitivity and selectivity as well as to notch and detune interfering signals when DXing with portable receivers. (10/08 – 46/05)

A-174 A Simple Phasing System (1) Craig Healy. Combining signals from a loop antenna and a vertical antenna using just a potentiometer in order to enhance nulls. (12/08 – 46/15)

A-175 The Crate Loop (2) Kevin Schanilec. Create a high-Q tuned loop antenna using a plastic filing/storage crate. (01/09 – 46/17)

A-176 The PVC Loop – Low Cost Ticket to High DX Gain! (5) Gary DeBock. Detailed instructions for creating large tuned loop antenna frames using PVC pipe and fittings. Some models can be collapsed for easy transport. Loop winding details are included. (09/09 – 47/01)

A-177 The Active Passive Loop (2) Kevin Schanilec. Provide Q-multiplication for a passive loop by using the Quantum Loop base unit. (10/09 – 47/07)

A-178 Coupling External Antennas to Portable Receivers (2.5) Kevin Schanilec. Various approaches are described. (12/09 – 47/15)

A-179 Using Large Single Wire Loops – the cheap, fast and easy way (2) John H Bryant/Guy Atkins. Large wire loops, including the Flag family of antennas, require support(s) Here are some easy, cheap and yet stoutly built, semi-permanent loop and mast designs for the DXer. (01/10 – 47/18)

A-180 Small Terminated Indoor Loop Antennas: Building, Feeding and Terminating Them (4) Kevin Schanilec. Room-sized versions of unidirectional loop antennas can provide a DX advantage in limited space. (01/10 – 47/19)

A-181 The FS Loop Antenna (3) Graham Maynard. The article that started the ongoing development of the FSL (Ferrite Sleeve Loop) antenna, in which a cylinder formed of ferrite rods or bars provides the core for a tuned loop antenna (03/11 – 48/24)

A-182 The Pixel Technologies RF PRO-1A and Wellbrook Communications ALA1530 Active Loop – Antennas Compared (2) Guy Atkins. Two small amplified broadband loop antennas are put through their paces from longwave through the 13m shortwave bands. (07/11 – 48/30)

A-183 8" Diameter FSL vs 4' Sided PVC Air-core Loop Runoff (1) Gary DeBock. Two tuned loop antennas are compared using four fringe level signals during local daytime. (08/11 – 49/01)

A-184 CAT5 Cable for Antenna Connections (1) Craig Healy. Using Cat-5 twisted pair instead of coaxial cable as antenna feed line to reduce signal ingress. (09/11 – 49/03)

A-185 7 Inch Diameter "Affordable" FSL Antenna – Combining Maximum MW Performance with Minimal Expense (3) Gary DeBock. Detailed construction article for a 7" diameter FSL antenna. (11/11 – 49/11)

A-186 The Backpack Ferrite Sleeve Loop (FSL) Antenna (2) Kevin Schanilec. Construction details for a 12" diameter FSL, thin enough to fit into a backpack, for easy transport to a DX site. (01/12 – 49/18)

A-188 5 inch "Ultra Light" FSL Antenna – Maximum AM-DXing Performance from a Minimal Package (4) Gary DeBock. A step by step construction project for a 5" diameter FSL antenna (04/12 – 49/27)

A-189 Ferrite Sleeve Loop Antennas – A Beginner's Guide – Perks, quirks and step-by-step instructions for DXing success (3) Gary DeBock. FSL tuning skill requires some serious practice, and this article gives all the details. An addendum describes the possibility of a broadband FSL (02/13 – 50/23)

A-190 FSL Antenna Design Optimization – All-out Experimentation to Determine Weak-Signal Performance Potential (4) Gary DeBock. An extensive analysis of three different FSL antennas to determine the importance of various design parameters. (08/13 – 51/01))

A-191 Some Field Information on the Double-Delta (D-Kaz) Antenna (11) by Mark Durenberger. Extremely detailed description of this widely used antenna, including information on construction and use, testing results plus some design variations (08/14 – 52/01)

A-192 A Comparison of a 7" FSL antenna and the Kiwa Pocket Loop (2) Nick Hall-Patch. These antennas were compared by using them with a Sony ICF-2010, and seeing how they performed both on trans-Pacific signals as well as on weak daytime domestic signals. (05/15 – 52/30)

A-193 3 Inch FSL Tecsun PL-380 Model – Compact Breakthrough in MW Sensitivity, Selectivity and Portability (7) Gary DeBock. Detailed instructions for constructing an FSL small enough to be used as a fixed antenna replacing an "ultralight" portable radio's internal loopstick, and tuned by the radio, rather than by a separate variable capacitor. (01/16 – 53/20)

A-194 A Practical Approach To Building and Evaluating a Broadband Active Loop Antenna, looking at the Mobius, Conventional Shielded and Wire Loops (8) Everett Sharp. A construction article that also investigates the capabilities of different kinds of broadband loop antennas as well as their amplifiers. (05/16 – 53/30)

A-195 One Idea for Antenna Switch-Reversal (4) Mark Durenberger. Describes circuitry to enable the DXer at the listening post.to easily reverse the direction favored by a uni-directional loop antenna, as well as to vary the termination resistances. (see also Reprint T-095) (07/16 – 53/35)

A-196/G-074 DXing 'Over Your Shoulder' with Beverages A Comparison Test – 3/05 (2) John H Bryant. Signal strength readings from two 500' Beverage antennas facing in opposite directions in order to determine the magnitude of the loss suffered by signal being received from "behind the Beverage". (11/05 – 42/28)

A-197 Supercharging" Loopstick Shootout – Fight to the Finish (of the MW Band) (15) Gary DeBock. Comparing two different types of ferrite rods for use as external loopstick antennas for portable radios. (03/19 – 56/27)

A-198 Alternate way to build a DKAZ and other loops (2) Dave Aichelman, N7NZH. Using Anderson connectors and cable clamps to build a modular DKaz antenna. (10/19 – 57/07)

A-199 Fixed Phasers (2) Dave Aichelman, N7NZH. Combine spaced similar antennas with a fixed phasing unit to provide unidirectional reception patterns. (10/19 – 57/08-- UPDATED 2/25/2023)

A-200 Noise Suppression for the Antenna Feed Line (6) Nick Hall-Patch. A description of commercial and homebrew methods for suppressing electrical noise that can find its way back to a radio via the antenna feed line. (4/20 – 57/29)

A-201 Misek/Lankford Phaser 2 Project (17) Everett Sharp N4CY. Detailed description of constructing a modified version of the Dallas Lankford / Victor Misek phasing unit, along with examples of its capability. (06/20 – 57/34—UPDATED 5/01/2025)

A-202 The Evaluation of the Lankford and WA1ION/Quantum Phasers (7) Everett Sharp N4CY. Describes a recent approach to the construction and use of the WA1ION / Quantum phaser, including a comparison with the Misek/Lankford phaser. (10/20 – 58/05-- UPDATED 7/23/2022)

A-203 Phased Delta Flag Arrays (25) Dallas Lankford. This was the culmination of many articles describing dual and quad Delta Flag arrays, and goes into some detail about theory and construction of these arrays. Also includes results from DXpeditions where such arrays were used. Reprints **A-204** to **A-209** describe the ongoing development of these arrays, so there is some repetition, but also more background detail on the antennas described in Reprint **A-203**. (All Dallas Lankford IRCA Reprints are used with permission of the Lankford family.)

A-204 Discrete LC Delay Line Phasers (6) Dallas Lankford. A more detailed examination of the development of the phasing system described in **A-203.** The AADE filter simulation software referenced in **A-204** can be found **here**. A somewhat later version of that software may be found at http://www.ke5fx.com/aadeflt.htm

A-205 LC Delay Phaser-Combiners (7) Dallas Lankford. Although much of this is repeated in **A-203** and **A-204**, there is some extra information on construction of the phaser and further explanation of the phasing process.

A-206 Phased Flag Arrays (8) Dallas Lankford. Describes an earlier manifestation of the phaser, using coaxial cable, rather than LC, delay lines. (UPDATED)

A-207 Ground Dependence Of Flag Arrays (2) Dallas Lankford. Addresses the influence of local ground characteristics on the performance of phased Flag arrays.

A-208 Dual And Quad Flag And Loop Array Phaser Theory (1) Dallas Lankford. A mathematical description of the operation of phased Flag arrays.

A-209 EZNEC Simulations Of Antennas And Dual And Quad Antenna Arrays (6) Dallas Lankford. Discusses the use of antenna simulation software EZNEC to predict the characteristics of antenna arrays (this software is now freely available: https://eznec.com/)

A-210 Amplified 1 And 4 Meter Square Untuned Loop Antennas (4) Dallas Lankford. Describes using a push-pull Norton amplifier with single turn wire loop antennas.

A-211 Measurements Of Some Antennas Signal To Man Made Noise Ratios (5) Dallas Lankford. Addresses the noise reducing characteristics of loop and whip antennas at medium and long wave frequencies.

A-212 MW Phaser #2 (6) Dallas Lankford. A description of Lankford's version of the classic Victor Misek phaser, suitable for the MW DXer.

A-213 MWPx Phaser Variations (7) Dallas Lankford. Further modifications of the Misek phaser, suitable for the MW DXer.

A-214 Searching for an Improvement to the DKaz Antenna (7) Nick Hall-Patch. A comparison of two phased large Kaz antennas with the popular DKaz antenna. (12/04 59/14)

A-215 MW And LW Noise Reducing Antennas (5) Dallas Lankford. An investigation into the reduction of noise pickup when using vertical and random wire antennas. See also **A-107** and **A-115**.

A-216 Simple Vertical Antenna For MW or SW (1) Mark Durenberger. A practical implementation of a vertical antenna as described in **A-215**.

A-217 Capacitor Terminated Loop Arrays (3) Dallas Lankford. Describes an investigation into using capacitors rather than resistors as a termination for phased Flag antennas to increase low band gain.

A-218 Dual And Quad MW PPL Flag Arrays (3) Dallas Lankford. Further from the investigation in **A-217**, this examines the use of preamplifiers described in **T-112** at the antennas in phased Flag arrays.

A-219 Waller Loop Arrays (6) Dallas Lankford. A detailed analysis of Waller Loop and Waller Flag arrays as used on the 160m amateur band.

A-220 High Z PPL's For Loop And Flag Arrays (6) Dallas Lankford. Further analysis of the preamplied antennas described in **A-218**.

A-221 The Kongsfjord Quad Delta Flag Array (7) Bjarne Mjelde. Compares the Quad Delta Flag Array described in **A-203** with a Beverage antenna, as well as attempts to mitigate poor low frequency QDFA response.

A-222 LW-MW-SW Relay Tuned 15' Noise Reducing Vertical Antenna (1) Dallas Lankford. Describes a way to remotely change the impedance of a matching transformer to make a vertical antenna more broadbanded.

A-223 Close Spaced Phased MW Vertical Receiving Antennas (2) Dallas Lankford. Vertical antennas spaced more closely than 0.1 wavelength apart in an array can still provide good nulls.

A-224 The Best Small Antennas For MW, LW, And SW (2) Dallas Lankford. Describes an amplified isolated vertical antenna, and the necessity for a clean power supply for the amplifier.

A-225 Some Of My Favorite Small Antennas For MW And LW (4) Dallas Lankford. An earlier version of **A-224** which also includes active whip antennas.

A-226 Low Noise Active Antennas AC/DC Power Supplies (3) Dallas Lankford. The discovery that even linear power supplies can induce electrical noise in antennas, and how to reduce that noise at the power supply.

A-227 Fixed Phasers with Closely Spaced ALA1530 antennas (5) Dave Aichelman. A development of the system described in **A-199**, using lengths of coaxial cable for signal delay rather than LC components.

A-228 Broadband Loops (2) Bruce Conti. Diagrams of large untuned loops, and the response using different feedpoints.

A-229 Remote Control Variable Termination SuperLoop (2) Bruce Conti. The use of a potentiometer, twinlead and a transformer to remotely vary the termination resistance of a Superloop.

A-230 Super/Ewe Terminated Broadband Loop Antenna (5) Bruce Conti. Describes an antenna that can be switched between Superloop and Ewe configurations.

A-231 Comparison of Delta Variants (6) Bruce Conti. A description of the Delta, Double Delta, and Cross-Phased Delta Variable Termination Loop Antennas, comparing their response patterns. .

A-232 Motorized Potentiometer for Remote Control Variable Termination (4)) Bruce Conti. Describes using a motorized potentiometer as an alternative to transformer-type and vactrol remote control terminations of unidirectional loops.

A-233 Flag Theory IIa (9) Dallas Lankford. A highly mathematical description of the operation of the Flag antenna, along with simulations.

A-234 Newer Active Flag And Delta Flag Arrays (4) Dallas Lankford. Discussion of simulated and practical operation of Delta Flag arrays.

A-235 Using the Aichelman Delay-Line Phasing Unit with Unidirectional Loop Antennas (5) Nick Hall-Patch. A further development of the system described in **A-227**, using uni-directional antennas to obtain deeper nulls. (01/23 60/20) (NEW)

A-236 Retrofitting a Wellbrook Loop Antenna with an Improved LZ1AQ Loop amplifier (6) Everett Sharp N4CY. Describes the replacement of the stock Wellbrook ALA1530 loop amplifier. (07/23 60/35) (NEW)

A-237 Isolated Antenna Switch (2) Everett Sharp N4CY. This is a design of an antenna switching unit suitable for use with balanced lead-ins. (11/23 61/11) (NEW)

A-238 Living in a World Without Wellbrook (4) Guy Atkins. With the demise of Wellbrook Communications, what are the alternatives for high quality loop antennas and preamplifiers? (12/23 61/16) (NEW)

A-239 The AA7U Terminated Loop Amplifier (4) Nick Hall-Patch. A thorough evaluation of an amplifier intended to replace the Wellbrook FLG-1530LN. (02/24 61/25) (NEW)

A-240 15" Tri-Coil, Dual Band, Azimuth FSL Antenna (2) Everett Sharp N8CNP. An FSL covering 155 to 1750kHz. (NEW)

A-241 New Dual And Quad Staggered Offset Beverage BOG Arrays (5) Dallas Lankford. Phasing together two Beverage antennas that are offset from each other as well as parallel is described. (NEW)

A-242 Active Whip Antenna 50 kHz to 150 MHz (4) Everett Sharp N4CY. An active whip amplifier performing best with ~8' long wire. (NEW)

A-243 A Polydoroff, 4 Coil, MW Stacked Toroid Loop Stick Antenna (9) Everett Sharp N4CY. This ferrite loop antenna uses stacked toroid cores rather than rods or bars, and revives an older coil winding style. (NEW)

A-244 Broadband Receiving Antenna Matching (13) Mark Connelly, WA1ION. A detailed study of the use of broadband ferrite core transformers for matching different kinds of antennas to receivers at medium frequencies.. (NEW)

A-245 WA1ION Phaser/Dual W7IUV Preamps project (9) Everett Sharp N4CY. An upgrade to A-202 , using optional preamplifiers before the phasing unit rather than following the phaser. (NEW)

A-246 Broadband Active Loop for Car Roof Use (8) Mark Connelly, WA1ION. Describes the use of small uni-directional and bi-directional wire loop antennas for temporary mounting on a car roof. (NEW)

A-247 Wellbrook Broad Band Phaser (16) Everett Sharp N4CY. A detailed description of this iconic commercial phasing unit, including schematic and background information. (NEW)

A-248 Lankford Low Noise Vertical Antenna (4) Everett Sharp N4CY. A variation of the antenna described in A-215. (NEW)

A-249 The Superloop Terminated Corner Fed Broadband Antenna (2) Bruce Conti. Replacing the ground rods of a Ewe antenna (A-148) yields the Superloop. This article includes termination details and example azimuth patterns. (NEW)

A-250 VE3PSZ Receiver 4-Way and 8-Way Multicouplers V3 (10) Tom Seeger. Details about an active circuit that will split an antenna's signal to a number of receivers with minimal loss. (NEW)

A-251 VE3PSZ High Impedance Antenna Amplifier V2 (5) Tom Seeger. A preamplifier is described, suitable for use at the antenna in a Low Noise Vertical design such as described in A-215, and providing greater bandwidth and lower loss. (NEW)

DOMESTIC

D-002 A History of Bootlegging in Indianapolis: The Rise and Fall of the Ten-Watt Voices (6) Charles Taylor. The story of several pirate radio stations in the 1960's. 03/75
D-017 A Few Rural Alaskan Radio Stations (3) Mike Dorner. Commentary on several radio stations in Alaska, their histories and operations. 02/78
D-018 Highway Advisory Radio (1) Bruce Portzer. Describes low powered radio stations that provide motorists with road condition information. Includes list. See L019. 04/78
D-020 A Look at AM Stereo (2) Greg Monti. Talks about the various plans for introducing stereo to AM. The possible effects of each plan are discussed. 04/80
D-021 How a Radio Network Works (1) Karl Zuk. Explains how a nationwide network gets its programs to its affiliates. 10/81
D-022 America's Newest Way to Run a Station (1) Ed Ryan. Discusses satellite radio programming and how it works. 03/82
D-023 United States Domestic Radio Networking (2) Greg Monti. Complete description of national radio networking in the US. 04/82
D-024 AM-Azing Wisconsin (2) John Rieger. Discusses the programming, history, and other information on many Wisconsin stations. 02/87
D-025 Western Wisconsin (3) John Rieger. Similar to D024 but concentrates on the western part of the state. 10/87
D-026 Alaskan Radio (1) Rod O'Conner. Map, list, and short article on all the stations in Alaska. 03/85
D-027 The Alaskan Forces Radio Network (1) Rod O'Conner. Discusses the history and function of AFRN and lists current outlets. 02/86
D-028 The KTRC Antenna Systems (1) Cary Simpson. Describes this New Mexico station's unusual antenna installation. 11/86
D-029 DXing the Travelers Information Stations (3) Bruce Portzer. An introduction of TIS station operation and tips for identifying them once heard. 04/88
D-030 Changes Afoot in the AM Band (2) Bruce Portzer. Discussion of recent changes made by the FCC in AM band broadcasting, including AM station power, station interference changes and band expansion to 1700. 07/92
D-031 ICI Radio Canada (1) Shawn Axelrod. Informative article on the French service of Radio Canada and the future of Radio Canada. 05/95
D-032 Health Officials Employ Pop-Up Radio Transmitters and Portable Signs at Vaccine and Food Dispensing Sites (1) 01/21
D-033 Tune to 1620 AM for Hamvention Traffic, Weather, Parking and Event Info (May 20-22) (1) Bill Baker. The 2022 Dayton Hamvention had its own TIS system. (05/22)

FOREIGN

F-001 DXing the Latins (2) Bruce Portzer. A listing by country of Central and South American stations which are easiest to pick up, plus tips on Spanish pronunciation. 08/76
F-004 DXing the TA's (2) Richard Eckman. Techniques for hearing Trans-Atlantic stations with what to listen for, organized by country. 08/79
F-005 The IRCA Mexican List (7) Bruce Portzer. Compilation of all available data on Mexican stations, including frequencies, slogans, schedules, and powers. 04/81
F-016 Spanish, French, and Portuguese Report Forms (6) Larry Godwin/Ron Schatz/Phil Bytheway. Instructions and suggestions for writing receptions reports in Spanish, French or Portuguese, including definite, tentative and follow-up.
F-021 Tapes Reports to Foreign Countries (1) Larry Godwin. Answers questions raised concerning reception reports to other countries, with suggestions on how to mail them. 01/66
F-026 Time Pips as an Aid to IDing TP's (2) Nick Hall-Patch/Bruce Portzer. Discussion on identifying the time pips used by Pacific, Asian and European stations. 09/77
F-028 A New Era of TP DXing (2) Bruce Portzer. A list by country of easy to hear stations located in Asia and the Pacific with tips on how to hear them. 08/79
F-030 Spotlight on Soviet Far East (3) Randy Seaver. Very informative discussion of Soviet Far East BCB stations including schedules and identifying practices. 10/77
F-031 VOA Thailand/American Forces Radio-Diego Garcia (1) Mike Hardester. Two short articles about Pacific area stations. 08/78
F-032 Trust Territory Stations/Radio Tonga/KMTH Midway (3) Mike Hardester. Three short articles about Pacific area stations. 08/78
F-033 Southern Command Network/Norfolk Island Broadcasting: VL2NI (1) Mike Hardester. An article about a Central American US station and another concerning VL2NI. 08/78
F-034 DXing in Sweden (3) Sigvard Andersson. A Swedish DXer describes DXing from Sweden where one tries for stations in the US. 04/79
F-035 How to Pronounce Korean, Chinese and Spanish (1) Bruce Portzer/Bill Harms. Three short articles to help understand how these languages sound. 10/79
F-036 Trans-Pacific SW Parallels (2) Bruce Portzer. List of SW parallels for BCB stations in the Trans-Pacific and Down Under areas. Useful for identifying stations. 10/79
F-037 Latin American SW Parallels (1) Bruce Portzer. List of SW parallels for BCB stations in the Latin American and Pan American areas. 10/79
F-038 Broadcasting in Bermuda (1) Charles Taylor. Talks about the country, its stations, their locations and formats. 11/79
F-039 DXing Latin America and the Caribbean: Country by Country (3) Mark Connelly/Neil Kazaross/Marc DeLorenzo. Tips on hearing Latin American countries on the BCB from the East Coast of the US. Gives programming details, where and when to listen along with a difficulty rating. 12/79
F-040 Hearing Latin America and Caribbean Countries in the Pacific NW (2) Bruce Portzer. As above, except from the Pacific North West. 12/79
F-041 DXing in Africa (5) Pete Taylor. A DXer talks about what he heard while in Africa. Includes a list of stations. 01/80
F-042 DXing in Asia (4) Pete Taylor. Pete talks about DXing while he was in Asia. A list of stations is included. 02/80
F-043 A Zonal Analysis Approach to Trans-Atlantic DX (2) Mark Connelly. Divides TAs into zones according to great circle bearing. Discusses conditions responsible for reception and/or non-reception of each zone. A chart showing divisions for eastern MA also given. 02/80
F-044 A Trans-Atlantic DXers Guide to Sunrise and Sunset Times (2) Mark Connelly. A technique is described for estimating times to listen for TAs based on the sunrise at the station and sunset at the listener. Tables for TA sunrise and US sunset times are included. Also Latin American sunrise chart is included. 02/80
F-045 A Zonal Analysis Approach to Pan-American DXing (2) Mark Connelly. Groups Pan-American signals by loop bearing and discusses conditions allowing/blocking reception of each "zone". Chart for the zonal breakdown in MA is also included. 06/80
F-046 A Zonal Analysis Approach to Trans-Pacific DX (1) Bruce Portzer. TP signals are broken down according to loop bearing and distance. Reception qualities of each zone is discussed, and a chart showing the breakdown for Seattle is included. 09/80
F-047 The DXers Guide to China (5) Bruce Portzer. Everything you wanted to know about broadcasting in China including pronunciation guide, map, list of stations, schedules and formats. 10/80 See also F050.
F-048 A Guide to DXing Korea (4) Bill Harms. A very complete guide to broadcasting in Korea. Networks, IDs and QSL policies are discussed. Includes a list of stations. 02/81
F-049 A Baja Expedition (2) Pete Taylor. DXing from the southern tip of Baja California Sur. Complete with list of stations heard and program details. 03/81
F-050 Random Remarks on Chinese Broadcasting (3) Pete Taylor. Comments and information on Chinese broadcasting with station list, maps, and program information. 03/81
F-051 An American DXer in Europe (2) Bruce Portzer. Vacation in Europe with a radio. DXing from various locations is discussed. Includes a list of stations heard. 11/81
F-052 AFRN (1). Description of AFRN in Alaska. Outlines types of stations and programming. 12/81
F-053 Latin American Holidays (2). Updated periodically. 04/82
F-054 IDing Japanese Broadcast Stations (1) Charles A Taylor. Concise explanation of how Japanese NHK and commercial stations identify. Describes what to listen for. 01/82
F-055 China Remonitored (1) FERC (Far East Radio Club). List of Chinese stations, as monitored by the FERC in Japan. 02/82
F-056 TA DX from West Coast North America (4) Nick Hall-Patch/Bruce Portzer. A very complete analysis of TA reception from the West Coast. Receptions are tabulated by zones and discussed in detail. 02/82

F-057 Japanese Radio Networks (2) Japan BCL Federation. List of Japanese network affiliates and a map showing locations. NHK stations' local addresses are also included. 03/82

F-058 DXing Mexico (3) Bruce Portzer. Tips on hearing and identifying stations in Mexico. Information is broken down by 'estado' with suggestions on how to hear each one. 03/82

F-059 Live... From Tegucigalpa, Honduras (1) Don Moore. List of station formats. 04/82

F-060 DXing from Jan Mayen: 1981-82 (5) Geir Stokkeland. A Norwegian DXer describes DXing on the small Arctic island of Jan Mayen (between Scandinavia and Iceland). A list of MW stations which were heard is included. 09/82

F-061 Your First 40 Trans-Atlantic Countries (5) Mark Connelly. Reception of TA countries is outlined with frequencies, times and analysis of propagation. The NE US and SE Canadian point of view is stressed; however, details are useful to all DXers. 10/82

F-062 Your First 30 Countries in English (3) Mark Connelly. Author gives details on how to hear various English broadcast stations in the world. Each country is listed with pertinent details on hearing English broadcasts. NE US focus, but most would be applicable to all DXers. 11/82

F-063 The Odds on the Even TA's (Revisited) (4) Mark Connelly. Discussion of hearing Trans-Atlantic stations located on North American frequencies (ie, 10 kHz). Equipment, technique and listing of frequencies with schedule information are included. 11/82

F-064 A Cross-Index of China (4) Art Peterson. Complete listing of the new Pinyin and the older Wade-Giles spelling of Chinese cities with latitude/longitude of each. 12/82

F-065 Private Medium Wave Stations in Indonesia (5). Complete with call, frequency and addresses. 03/83

F-066 Report from the Virgin Islands (4) Glenn Hauser. DXer tells what it's like to DX from the Virgin Islands. Many loggings included. 01/83

F-067 MW Stations in Australia (3). List. 03/83

F-068 Report from Saudi Arabia (3) Richard Wood. 04/83

F-069 Report from Paradise (1) Don Moore. Author describes his visit to the 'El Paraiso' section of Honduras and the radio stations he found there. 05/83

F-070 The Kiwi Korner (2) Pete Taylor. Listing of New Zealand stations and times of local originated broadcast which can be used to aid in verification. 06/83

F-071 A Jamaican DXing Holiday (3) Gerry Thomas. A DXer visits Jamaica and reports what he heard during mid-day and midevening. 09/83

F-072 Report from Guatemala (1) Don Moore. A few impressions of radio in Guatemala. 09/83

F-073 IRCA Central American List (6) Bruce Portzer/Don Moore. One of the most complete and accurate lists of Central American stations. Compiled by Bruce and checked by Don (living in Central America). 01/84

F-074 DXing in Alaska (2) Hurley Parkhurst. Summary of station loggings from 09/82 to 10/83 heard in Nenana, Alaska. 12/83

F-075 Australian Slogan List (1) David Headland. List of station slogans heard between 08/84 and 09/84. 10/84

F-076 A Change in the Romanization System for Korean Place Names (1) Bill Harms. Introduces the new "Modified McCune-Reischauer" system for Korean spellings. 11/84

F-077 The First Fifty Countries from Hawaii (2) Richard Wood. Lists Richard's first 50 countries with tips, grouped by location. 12/84

F-078 Introduction of the Stations in the Range 1600-1700 kHz (1) Yoshinori Kato (via FERC). Lists low powered Japanese weather and coastal stations just above the BCB.

F-079 Korean Broadcasting Systems Station List (2) Bill Harms. Lists the power, network, frequency, address, etc of all KBS stations. 11/85

F-080 Australian Radio Slogan List (2) David Headland/Chris Rogers. Lists the on-air slogans used by Australian stations. 02/86

F-081 Caribbean MW DX Guide (2) Mark Connelly. Best bets for hearing the Caribbean countries in the Northeastern US.

F-082 Trans-Pacific Shortwave Parallels (3) Nick Hall-Patch/Paul Routenberg. Lists all Trans-Pacific BCB stations with known shortwave parallels, and their frequencies. 10/86

F-083 Radio Reloj (1) Jim Hall. Describes this Cuban network and how to hear it. 10/87

F-084 Cuban Frequency Roster (1) Jim Hall. Lists Cuban stations and their network affiliation. 01/88

F-085 Christian Broadcasting System (Korea) (1) Bill Harms. List of outlets, with frequency, power, schedule, and address for each. 03/85

F-086 South American Reception in Hawaii (2) Richard Wood. Discusses reception of South American stations in Hawaii. 03/85

F-087 Best Bets for Latin America (2) Mark Connelly. Discusses reception of Latin America in the Northeastern US, with probable targets for each country. 03/85

F-088 A Look at Radio Rebelde (2) Jim Hall. Discusses the programming, locations and frequencies of outlets, and QSL policies of this Cuban network. 11/86

F-089 American Forces Network Europe (1) Bill Harms. Affiliates and program schedule. 02/87

F-090 DXing the Latin Splits: The LA Split Frequency Yearbook/History (2). Discussion of Pan American stations broadcasting on non-10 kHz frequencies. A very complete list of stations heard is included. 10/88

F-091 Radio Taino (2) Jim Hall. All you ever wanted to know about this Cuban Tour Radio station network. 12/88

F-092 DXing in China (2) Masaru Duga. By frequency listing of Chinese stations heard from 3 locations. Reprinted from Far East Radio Club. 01/89

F-093 1985 Cuban Standard Broadcast List (2). Complete list of Cuban AM stations, including network and power. 01/89

F-094 Nicaragua: Special Report (1) Jorma Mantyla. Discussion of radio in Nicaragua and a list of stations/formats. 02/89

F-095 Latin American DX Trip, February-March 1989 (1) Pete Taylor. Discussion of DX heard on a boat trip from Lima, Peru to Los Angeles (with stops). 04/89

F-096 Antipodean DX Odyssey (2) Niel Wolfish. Bandscans and DX as heard during a trip to Australia, New Zealand and Fiji during the summer of 1989. 11/89

F-097 Foreign DX on the West Coast (3) Bruce Portzer. Detailed outline of equipment, conditions and information necessary to foreign DX. Discussion of hearing TA, TP and PA stations with country-by-country best bets. 01/91

F-098 Newfoundland DXpedition: November '91 (9) Mark Connelly. Details of a DXpedition to the east coast of Newfoundland with Neil Kazaross and Jean Burnell in Nov of '91 where much exotic foreign DX was logged. Complete details of all DX heard. 12/91

F-099 MEX-DX '92 (3) Jef Jaisun. A tabulation of DXing during Jef's vacation to Puerto Vallarta and Melague Mexico in January of 1992. Complete list of stations heard with program/slogan details. 03/92

F-100 Russian Far East Stations (1) Bruce Portzer. Partial list of stations in the Far East region of Russia. Includes some schedules. From the Leningrad DX Club. 10/92

F-101 Phonetics Cause Problems When IDing XE Calls (1) Carl Huffacker. Describes possible call letter pronunciation confusion when IDing Mexican stations. 11/92

F-102 The October 1993 Newfoundland DXpedition (20**)** Jean Burnell, Mark Connelly, Bruce Conti, Neil Kazaross

F-103 Your First 50 Trans-Atlantic Countries (and then some) (8) Mark Connelly. A complete guide to hearing Trans-Atlantic countries from East Coast North America, including equipment and techniques. Countries are rated by difficulty from easy to difficult with target lists for each country. 10/94

F-104 The Newfoundland DXpedition of Spring 1995 (6) Jean Burnell. Tabulation of the May 10 through May 14 1995 DXpedition... complete with loggings, etc. 07/95

F-105 The October 1995 Newfoundland DXpedition (22) Mark Connelly. Tabulation of the October 12 through 15 1995 DXpedition… complete with loggings, etc. 12/95

F-106 List of Marine Weather Information Stations in Japan (1) Following is a list of the 28 stations operating in Japan. All operate every hour for 1-2 1/2 minutes giving weather and ID info. All operate on 1670.5 kHz in the H3E mode. After the station location, the time the station is on follows. Note: Many of these locations are not listed on a map. 10/98

F-107 Bruce Portzer's DX report (10) From a recent trip to St Lucia in the Caribbean. 12/00

F-108 Japanese MW Station List (6) John Bryant. A comprehensive list of Japanese AM stations. Sorted by frequency, location, and Commercial Broadcasters. 03/01

F-109 Caribbean Cruise Notes (1) Bob Foxworth. Some notes on his 3 day Western Caribbean Carnival Cruise. 12/01

F-110 The Fidel Report (6) Harold Frodge. Networks and Broadcasting stations in Cuba. 03/02

F-111 Medium Wave Parallels in Trans Pacific DXing from the West Coast of North America (2) John H Bryant. 11/02

F-112 Alaska from the lower 48 states (1) Craig Healy. Grayline DXing Alaska from the US. Northeast, and across the country to the west coast.. 05/03

F-113 The Japan Radio Museum (1) Nick Hall-Patch. A visit to a museum in Matsumoto, Japan, that displays examples of Japanese consumer electronics from the 1920s through the 70s. (02/18 – 55/23)
F-114 All India Radio stations heard in Newfoundland in 2020 (1) Jean Burnell. Observed sign on times for All India Radio stations. (12/20 - 58/15)
F-115 Time Pips Catalog (6) Russ Edmunds WB2BJH, Brett Saylor W3SWL. A listing of time pips used by various broadcasters at the top of the hour, with links to audio recordings. UPDATED May 2024
F-116 Clones of the 1557 Rumbler? (1) Nick Hall-Patch. Chinese jamming of Taiwan's signal on 1557kHz seems to include ~33Hz sidebands with harmonics. But why do similar sidebands turn up on other channels? (2/22)
F-117 Local IDs on New Zealand's Gold Sport (1) Nick Hall-Patch. Identifying individual networked stations can be challenging, but it turns out that the Gold Sport network includes frequent local IDs. (11/22 60/11) (NEW)

GENERAL

G-001 DX While You Sleep (1) Paul Petersky/Tom Sundstrom. Outlines techniques for recording special tests or DXing while asleep. 09/72
G-002 Noise (1) Lawrence Foster/John Kalpus. Discussion of eliminating various types of noise, including fluorescent lamp noise. 12/67
G-003 Sunrise/Sunset Maps Ernie Wesolowski/Father Jack Pejza. 24 maps showing sunset and sunrise times for the US and the World. Includes explanation of their use and examples of DX made possible by a knowledge of SR/SS times.
G-004 How Do You Rate Your Best Catch (1) Larry Godwin. Gives some criteria DXers might use to rate catches. 04/66
G-005 Computation of Sunrise and Sunset Times (14) Father Jack Pejza. Tables and instructions for computing the exact time of sunrise and sunset for latitudes up to 60 degrees N and S, throughout the year. 12/73
G-006 Information Please (1) Father Jack Pejza. Describes a system used to keep station records, with the ability to retrieve information easily. 05/72
G-008 FCC Rules: Station Identification (1) Bill Hardy. The rules and a short explanation. 09/74
G-009 FCC Rules: Pre-Sunrise Service Authorization (2) Bill Hardy. The rules and a short explanation. 01/75
G-010 Territory-Geometrical BCB DXing (2) Dave Fischer. Several methods of systematically DXing are described. 01/75
G-011 Veries (4) Karl Forth. Several reception reports to a fictitious station done by different DXers. 01/75
G-012 All You Wanted to Know about Running a Radio Club Convention But Didn't Know Who to Ask (16) Father Jack Pejza. An experienced convention host gives suggestions, ideas and warnings. Includes news release and souvenir examples. With additional information from later convention hosts, as well.
G-013 Average Coverage in Miles (1) Dave Fischer. Chart showing the coverage area of BCB stations by frequency and power. 12/68
G-014 Morse Code Identification (1) Larry Godwin. Techniques for using Morse Code to ID testing stations. Also includes the code alphabet. 02/70
G-015 Veries – by Areas of the US (1) Karl Forth. Discusses percentages of verification returns by state and province. 09/74
G-016 UTC/GMT Conversion Chart (1). Includes all time zones of North America.
G-017 After 50 years at the Game, One DXer Learns a New Trick (1) Gene Martin. A technique is described for using the BFO to hear stations next to strong domestics. 01/76
G-018 Sunrise, Sunset, and the Shortest Day of the Year (1) Bill Hardy. Explains why the length of the day and the time of sunset don't necessarily jibe directly. Also talks about how a DXer can take advantage of it. 12/75
G-020 World Time Chart (1). World map showing all time zones and the letter designation of each. 01/77
G-021 Perceptual Confusions Among Letters of the Alphabet (2) Gerry Thomas. Analyzes the possible confusions resulting in identifying call letters in a background of static and other noises. 08/77
G-023 Sunrise DX in Depth (2) Robert Kramer/Nick Hall-Patch. Three part analysis of sunrise DX with specific examples and techniques outlined. 02/78
G-024 Writing Reception Reports (3) Bob Coomler. Hints and techniques for writing good reception reports. Defines which details are verifiable and other information to include. A sample report is also included.
G-025 Mistake DXing (1) Bill Hardy. Talks about the kinds of mistakes radio station personnel can make and how a DXer might hear a station because of them. 10/78
G-026 Allocations (2) Bill Hardy. Discusses how the BCB frequencies are broken down and the types of stations that can operate in each frequency. 10/78
G-027 The Traveling DXer (1) Mark Connelly. Talks about the equipment and techniques for the DXer when DXing away from home. See M021 for some technical details. 02/79
G-028 Home Computers and DXing (1) Mark Connelly. Several suggestions on how a home computer may be used to keep DX records, do DX calculations, etc. 02/80
G-029 DXing the Contests/Graveyard Channels (1) Robert Kramer. Explains how becoming involved in a DX contest can improve your DX skills. List of tips used to win contests is included. Describes the different techniques needed for hearing stations on graveyard channels. List of times and tips. 09/81 and 10/81
G-030 Some Random Notes on Sunrise Skip (1) Robert Kramer. Discussion of sunrise skip and how it can be used to hear new stations. Good list of guidelines provided. 10/81
G-031 Time Documentation of DX (2) Charles R Smiley Jr. Author describes two techniques for recording time information on a stereo recorder. 08/82
G-032 DXing the Cordless Phones (1) Craig Healy. Techniques for listening to local cordless phone conversations. 08/82
G-033 Sunset Skip in Depth (3) Robert Kramer. An experienced DXer gives insight and pointers for getting the most out of sunset DX. 10/82
G-034 DX Edge (1) Sheldon Remington. Review of a device used for determining worldwide monthly sunset and sunrise times, as well as the terminator. 11/82
G-035 A Wolfish Approach to Sunset Skip DX (1) Neil Wolfish. Tips on how to hear daytime only stations in 50 states at sunset from the NE US and Eastern Canada. 02/83
G-036 When to DX (2) Bill Hardy. Concise article that touches on times that certain types of DX can be heard. Excellent for the beginner to acquaint him/her with different techniques of the hobby. 03/83
G-037 Sunset Skip: A Midwestern Perspective (2) Karl Forth. Complete explanation of sunset DX with a slight focus on DXing from the Midwest. Many hints included. 03/83
G-038 DXing During Aurora (2) Robert Kramer. All the facts and details about DXing during an aurora, including what to expect, what to look for, and a list of pointers. 04/83
G-039 A New Look at Daytime DX (2) Bill Harms. Discussion of daytime DX from inland locations. Examples of DX from Utah included. 09/83
G-040 DXing the 1984 Solar Eclipse (2) Gerry Thomas. Good analysis of BCB conditions before, during and after the May 1984 eclipse from Pensacola, Florida. 07/84
G-041 A DXer's Guide to Headphones (1) Dennis Kibbe. Discussion and a list of headphones currently on the market. 11/84
G-042 (Retail) Electronic Parts Suppliers (2) Mark Connelly. Addresses of electronic part suppliers and their specialties, in alphabetical order. 01/85
G-043 Fifty US States in Finland (4) Richard Wood. Summary of US stations heard in Finland.
G-044 Several DX Computer Programs (6) Mark Connelly. Discussion and program listing for BASIC computer programs to calculate sunrise/sunset times, Great Circle bearing/distance, and sort by frequency for loggings. 04/85
G-045 Formatology Explained (3) Greg Monti. Describes the various formats used by American radio stations. 02/86
G-046 How I DX (1) Phil Bytheway. Five club members describe their DX strategies. 05/87
G-047 Hearing the Whole State (1) Bruce Portzer. Strategies and techniques for the DXer that wants to hear all stations in the home and adjacent states. 02/88
G-048 Getting Your Listening Organized (1) Shawn Axelrod. Describes forms for station logging, target stations and UNID used to organize DXing. 06/88
G-049 An Effective Ground System (1) Shawn Axelrod. Putting in an effective ground system is discussed. 11/88
G-050 The Right Stuff to be a DXer (1) Glen Kippel. Discussion of the basic equipment and other paraphernalia necessary to begin and enjoy BCB DXing. 12/88
G-051 Some Random Thoughts on a Listening Post Set Up (1) Shawn Axelrod. Several tips on the set up of a DX listening post. 12/88
G-052 There is Safety in Numbers (1) Shawn Axelrod. Discussion of home security, as it pertains to DX related equipment. 06/89

G-053 **Book Review: Baseball America 1991 Radio TV Guide** (1) Bill Hardy. Review of this useful reference for baseball fans which contains complete network and team information. 07/91
G-054 **The Future of AM Radio: Some Statistical Studies** (2) Randy Stewart. Randy interviews Dr Arlen Diamond, asking questions about AM radio's future. Results of various audio quality studies are discussed. 09/91
G-055 **DXing with a Winning Game Plan** (3) Leonard Hyde. Several ideas for improving your DX: targeting methods. 05/92
G-056 **Effective Summertime DXing** (1) Leonard Hyde. DXers describe techniques they use to hear AM DX in the summer. 07/92
G-057 **Coastal DXpeditions – The Logical and Absurd Next Step** (3) Nick Hall-Patch. DXing aboard an Ocean Sciences vessel in the Pacific. Includes list of stations heard. 11/92
G-058 **Using the Computer in DXing** (3) Mark Connelly. Some ideas on how a PC can help with DX reports, record keeping and calculations. 12/92
G-059 **Getting Started in MW DXing** (3) Leonard Hyde. Discussion of the types of receivers used for MW DX, including portable, communications, surplus and car receivers. Discussion of all types of antennas, their strengths and weaknesses. Discusses log keeping and supporting DX clubs. 07/93
G-060 **Using the Stereophonic Decoder in Your Brain** (1) Cary Simpson. A brief discussion of what happens when using headphones that have audio from different radios in each ear. 09/93
G-061 **Mini-DXpeditions** (2) Mark Connelly. Discussion of the advantages of short (time and/or distance-wise) DXpeditions utilizing car radio or small portable. Includes a check list of essentials. 09/94
G-062 **Longwave DX** (1) Shawn Axelrod. Introduction and hints for DXing AM broadcasts from 153 to 279 kHz. 03/96
G-064 **Frequency Selective Voltmeters and their Uses in the Radio Hobby** (3) Don Moman. A description of how these pieces of surplus test equipment can be used as DX receivers, what features to look for, and quick reviews of some of the available models. 02/98
G-065 **Use of Directional Maps to Track Radio Station Reception** (4) Richard P Boehme. Using a computer and the FCC data base, Richard shows how to calculate distance and azimuth for DX stations.
G-066 **Using the A-index to predict good propagation?** (2) Nick Hall-Patch. An analysis of receptions of HLAZ-1566 in Western Canada over three DX seasons, with an unsuccessful attempt to correlate the best receptions with low A-indices. 09/00
G-067 **The Aurora** (2) Several DX report their loggings from a major Aurora event. 04/01
G-068 **My "much-beloved" Audio Switching Network** (4) John Bryant. Describes a system to allow a DXer to monitor two receivers at once, either in stereo or separately. Similar to M11. 05/01
G-069 **My first 25 states from Northern California (without using a loop)** (2) Rich Toebe. Hearing 25 states in just over a year within 25 miles of home using a stock car radio. 10/01
G-070 **Radio Youth of a City Boy** (2) Walt Breville. Recollections of a St. Louis DXer from the late 40s into the late 60s. 12/01
G-071 **The Radio Your Way** (1) W Curt Deegan. An early solid state digital recorder. (11/04 – 42/11)
G-072 **A Dummies' Guide to Working with Wall Warts** (4) John H Bryant/Bill Bowers. A detailed look at the internal workings of the ubiquitous DC voltage supply, with some suggestions for improving it. (01/05 – 42/16, 42/18 and 42/19)
G-073 **DXing the Graveyard Channels** (3) Les Rayburn. (05/05 – 42/27)
G-074 **The RCA RP5012 digital voice recorder** (2) Bob Foxworth. A review of another early solid state digital recorder (10/05 – 42/05)
G-075 **LF NDB Information** (1) Steve Ratzlaff. An introduction to NDB DXing including further online resources. (10/06 – 44/06)
G-076 **Airport Security and Airline Based DXpeditioning – Lessons Learned** (1) John H Bryant. Experience-based advice about transporting DXpedition gear internationally through airport security. (06/07 – 44/18)
G-077 **Audio Phasing** (2) Kevin Schanilec. An unusual approach to phasing, illustrated by using two Sony SRF-59 "ultralights" and combining their headphone outputs, along with example DX heard. (01/08 – 45/17)
G-078 **Using the NRC Pattern Book as a Serious DX Tool** (1) John H Bryant. Targeting new DX in your area using the maps in the NRC pattern book. (12/09 – 47/15)
G-079 **Working with Universal's Radio Stands** (2) John H Bryant. Innovative variations on using commercially available radio stands with "ultralight" portables (01/10 – 47/16)
G-080 **John Bryant memorial** (3). An appreciation of one of IRCA's most active DXers and innovators from his many friends after his unexpected death (02/10 – 47/23)
G-081 **Coverage Maps from Your Editor-in-Chief's Collection** (2) Eric Bueneman. Background details of several coverage maps from different radio stations in the Midwest and Georgia(12/12 – 50/16)
G-082 **Verification Highlights from My DX Career** (1) Eric Bueneman. (03/13 – 50/24)
G-083 **Your First Ten Missouri AM Stations** (1) Eric Bueneman. Most likely targets for the out of state DXer. (09/03 – 51/02)
G-084 **Prepared Form Cards and Letters: Another Way to Get Radio Station Verifications** (2) Eric Bueneman. A detailed discussion about preparing QSLs yourself in order to increase returns on verification requests. (10/13 – 51/05)
G-085 **Studio 1 Software for DXing** (1) Keith McGinnis/Bill Nollman. A discussion about alternate software for LW, MW and HF listening when using the Perseus receiver. (03/14 – 51/26)
G-086 **Explaining Christian Radio** (2) Eric Bueneman. Detailed description of different Christian radio formats.(05/14 – 51/30)
G-087 **Early IRCA History** (1) Larry Godwin. A recounting of the beginnings of IRCA by one of the original founders(10/14 – 52/05)
G-088 **Glenn Hauser's New Mexico Trip Log** (2) Glenn Hauser. (11/15 – 53/09)
G-089 **Northeast Blackout Radio Reminiscences, 50 years later** (1) Mark Connelly. (11/15 – 53/11)
G-090 **Searching DX Monitors** (1) Jon Pearkins. Using Adobe Reader to search multiple issues of DX Monitor for information(08/16 – 54/01)
G-091 **DXing in an Urban Area for $200** (1) Jon Pearkins. Desirable attributes of inexpensive receivers, and comments on a couple of models. (01/17 – 54/21)
G-092 **Evaluating a Medium Wave "LoG"** (2) Mark Durenberger. Testing a loop antenna laid on the ground **(L**oop **O**n **G**round) against a DKaz antenna (08/17 – 55/01)
G-093 **Eclipse DX p1** (4) IRCA eGroup. Loggings during the 2017 solar eclipse. (09/17 – 55/02)
G-094 **Eclipse DX p2** 1) IRCA eGroup. Loggings during the 2017 solar eclipse (09/17 – 55/03)
G-095 **9/21 Once in a while a DXer stumbles into some incredibly good luck! During our solar eclipse trip to the ocean coast location of Lincoln City, Oregon** (1) Gary DeBock. Serendipitous discovery of a trans-Pacific DX opening while on a trip to observe the 2017 solar eclipse.(09/17 – 55/04)
G-096 **Solar Eclipse 2017 DX from Western America** (5) Nick Hall-Patch. Four widely separated DXers monitored KSL-1160's signal strength during the 2017 solar eclipse. Their results are described and analyzed. (02/19 – 56/25)
G-097 **Go Remote, Young Man! / A Compact RSPdx & Wellbrook Loop Kit for the Beach — My Approach** (7) Bjarne Mjelde / Guy Atkins. How to set up a remote, unattended DXing site, as well as what is needed to quickly set up a small temporary DXpedition site. (12/20 – 58/15)
G-098 **The art of going mobile** (19) Chris Kadlec. A comprehensive look at DXing in the outdoors and 20 tips to make it successful by an experienced mobile DXer, who has also gathered the experience of many other mobile DXers.
G-099 **Tales of a Vagabond DXer** (1) Karl Forth. A review of Don Moore's book about his radio related experiences during a life of travel. (01/24 61/20) (NEW)
G-100 **2024 Solar Eclipse DXing** (2) William Scott, WE7W. A look at possible reception patterns during the 2024 solar eclipse. (04/24 61/31) (NEW)
G-101 **8 April 2024 Eclipse DX** (8) Extensive Eclipse DX reports submitted to the IRCA list. (04-05/24 61/32-3) (NEW)
G-102 **AM Broadcast Bandscan during the Solar Eclipse of April 8, 2024** (10) Bruce Conti. Further solar eclipse loggings from New Hampshire. (NEW)

HISTORY OF RADIO

H-001 **Frequencies Before 1941** (1) Ron Schatz. Describes the broadcast radio spectrum prior to the 1941 NARBA Treaty. See H030.

H-002 A Silent Night (1) Gene Martin. January 24 1926 was the night almost all US stations went off the air to allow DXers to try for European stations. See H013.
H-003 So You Heard 3XN, or was it Whippany, New Jersey? (2) Gene Martin. Describes the early days of radio. See H026.
H-004 Calls and Slogans (1) Glenn Hauser. The call letters of many stations often reflect the station's origins. See H005 and H018.
H-005 Radio History Often Preserved in Call Letters (1) Gene Martin. Similar to H004.
H-006 Converting kHz to Meters (1) Thomas White. In the early years of radio, stations were located by their wavelength, not frequency. This chart makes the conversion.
H-007 The Top Becomes the Bottom (1) Gene Martin. What happened when the US changed from wavelength to frequency.
H-008 KPPC-AM: Not Just Your Average Radio Station (1) Jay Murley. Description and history of one of the few 100 watt stations left in the US. 12/73
H-009 The WRR and KDKA Stories (1) Larry Flegle/Pete Kemp. Describes two early stations, plus some odds and ends on old-time radio. 02/75
H-010 The WGL Story (1). The Indiana station tells its story. 03/74
H-011 The FCC "Honor Roll" (1) Bill Hardy. Some stations taken off the air by order of the FCC before 06/72.
H-012 A Little Bit of Anarchy (2) Thomas White. Describes the broadcasting industry in 1926 and 1927 when there was no Federal regulatory agency.
H-013 Half a Century Ago: The International Radio Week Tests (3) Thomas White. Covers the international tests between North America and Europe from 1923 to 1926. See H002.
H-015 Dial-Number Order for Stations (2) Jim Critchett. List of North American radio stations in 1934.
H-017 BCB Radio Stations in Canada in 1929 (1) Dan Sys. Listed by province and city.
H-018 Can You Top This? (1) Father Jack Pejza. Some radio station calls that preserve the initials of the owner or a regional feature. From 1938. See H004.
H-019 WLW, and Superpower (1) Mike Worst. Report on WLW's operation of a 500 kW transmitter in the 1930's.
H-020 Radio History – 1912 to 1937 (5). Reprinted from the 1938 Radio Annual. Short notes on advances in the state of the art.
H-021 Three Letter Call History: Some Were Names of Ships (1) Mike Worst. Most three letter calls were used elsewhere before becoming BCB stations. See H032.
H-022 Mexican and Canadian Radio Stations of 1938 (1). Reprinted from 1938 Radio Annual.
H-023 US Radio in World War Two (2) Gene Martin. Personal reminiscences on what broadcasting was like during WW2.
H-024 "Super-Power" – 1925 Style (2). Some theories about super power from 1925.
H-025 KDKA (1). Article about the station, reprinted from the 08/22 issue of Wireless Age.
H-026 Remembering the Old Days of DXing (3) Gene Martin. More reminiscences of DXing in the 1930's. See H003.
H-027 WHA – "The Oldest Station in the Nation" (1) Bob Lazar. A station's history. 10/77
H-028 The Legacy of the Attic Antenna (1) Bruce Portzer. Describes an attic antenna that was built into the author's home in the 1920's. 07/78
H-029 Story of the "KOB" Problem (7) Bill Hardy. First part is reprinted from the Federal Register. The remainder are articles that have appeared since. KOB takes WABC to court for clear channel rights and losses. 06/78
H-030 November 1978 Frequency Shifts Similar to 1941 (1) Cary Simpson. Describes the change to the present day radio spectrum that occurred in 1941. See H001. 12/78
H-031 Uncrowded Bands (1) Bob Curtis. A DXer recalls the days when the BCB was uncrowded.
H-032 The Mystique of the Three Letter Call Signs (2) Thomas White. Nostalgic discussion of three-letter calls with information on the various stations. See H021. 09/79
H-033 Sharing Time (2) Thomas White. Explains the origins of Sharing Time stations, problems associated with them and other historical notes. 12/79
H-034 Looking Back at Radio in 1930 (5) Gene Martin. Talks about radio back in 1930 including information on programs, personalities and schedules. A complete radio listing from the 12/30 Radex is also included. 02/80
H-035 Extraterrestrial DX Circa 1924 (2) Thomas White. Author recalls one night in 08/24 when all stations went off to allow people to try to hear transmissions from Mars. 08/80
H-036 The Early History of Radio Hauraki (1). The story behind the birth of New Zealand's "pirate" Radio Hauraki. 01/81
H-037 Two Stations in One (2) Bill Hardy. Describes the joint operation of KITN-920, Olympia WA (now KQEU) and KITI-1420, Centralia-Chehalis WA. 07/82
H-038 Origin of Call Letters in the Early Days (2) Cary Simpson. Traces the history of call assignments.
H-039 The Mystique of the Three Letter Call Signs: Revisited (5) Thomas White. Update of H032. 12/87
H-040 Broadcast Pioneers: Policies and Stations (5) Thomas White. Discusses licensing practices and call letter assignments in the early 1920's.
H-041 Amateur Broadcasting Station 10BQ (1) Gardner Smith. Describes a low-powered Canadian stations which operated in the 1920's and 30's.
H-042 KRLA Becomes "A Thing of the Past" (3) Steve Mittman. Description of 04/01/88 programming on KRLA, when the station became KFWB of 1958, KRLA of 1963 and KHJ of 1968. 06/88
H-043 WHO Broadcasting Company History (1). Short history of WHO from 01/10/24 to 1981. 12/88
H-044 Los Angeles Radio History Repeats Itself (sort of) (3) Jim Hilliker. A look at the radio activity on 1300, 1330 and 1430 kHz in Southern California. 12/88
H-045 Farewell to KFAC, KWKW Moves 30 kHz, and Greetings to KAZN (3) Steve Mittman. Discussion of KFAC-1330's history and the final broadcast text, also discussion of KAZN programming. 03/89
H-046 History of Idaho AM Radio (2) Frank Aden Jr. Brief discussion of the History of radio in ID, including brief history of each station. 04/89
H-047 A Century of Entertainment Broadcasting: KDKA Celebrates Its 100th Birthday (10) Brian Belanger. A detailed early history of America's first commercial broadcaster, courtesy of National Capital Radio and Television Museum (https://ncrtv.org/)
H-048 An Interview with Tom Shannon (3) George Santulli. A legendary radio personality from station WKBW in Buffalo, NY discusses his career. Courtesy of National Capital Radio and Television Museum (https://ncrtv.org/)
H-049 The Thrill of Radio DXing (5) George Santulli. A DXer describes his early discovery of the hobby, which led to a later career in broadcasting. Courtesy of National Capital Radio and Television Museum (https://ncrtv.org/)
H-050 WCFL: The Voice of Farmer Labor (12) Brian Belanger. An extensive history of Chicago's WCFL, courtesy of National Capital Radio and Television Museum (https://ncrtv.org/)
H-051 Distant Listening and Verified Reception Stamps (5) Brian Belanger. Describes "radio stamps", such as those provided by the Ekko company, that early radio stations sent out with their verifications. Courtesy of National Capital Radio and Television Museum (https://ncrtv.org/)
H-052 The Development of the Directional AM Broadcast Antenna (8) John Schneider, W9FGH. In the early years of AM radio broadcasting, all stations utilized non-directional antennas, but protection of other station's signals on the same channel led to the development of directional transmitting antennas. Early adopters of the technology are described along with resulting antenna patterns.
H-053 Behind the Clear-Channel Matter (25) Mark Durenberger. Describes the long history behind the development of high-power AM broadcasting in the United States, by protecting the signals of certain stations from interference across the country, followed by the breakdown of those "clear channels". (NEW)
H-054 Meet the Mosquito Network (6) Mark Durenberger. A history of the small radio stations that were set up to serve American troops in the Pacific theatre during World War II. (NEW)

LISTS

L-002 1988 FREQ CHECK LIST (3). A list of frequency tests by month.
L-004 IRCA Countries List (13) Bruce Portzer. Complete list of present and past MW countries for use in record keeping. Major update. 10/94

L-017 **Best Bet 50 States from the Pacific Northwest** (2) Bruce Portzer. States are rated very easy, easy, moderate, difficult and very difficult, and best bets on stations listed for each. See L025, L027, L034 and L036. 01/83
L-019 **Utility Stations** (3) Bruce Portzer. A list and some information about beacons, traveler information and other stations around and within the BCB. 06/83
L-020 **Canadian Family Life: It's Twins** (2) John Oldfield. Describes small networks in Canada. 06/83
L-021 **CBC English and French Network List** (1). List of the two major networks in Canada, including schedule information. 06/83
L-025 **Best Bets for 50 states – from NY-NJ-New England** (2) Roger Morby. List of stations for all 50 states as possible from the NY, NJ and New England area. See L017. 08/78
L-027 **BEST BETS** (2) SOUTH CAROLINA.
L-028 **EAST SPOTLIGHT** (1) MISSISSIPPI.
L-029 **WEST SPOTLIGHT** (1) NEW MEXICO.
L-030 **WEST SPOTLIGHT** (3) COLORADO.
L-031 **EAST SPOTLIGHT** (1) WEST VIRGINIA.
L-032 **WEST SPOTLIGHT** (7) TEXAS.
L-033 **EAST SPOTLIGHT** (1) NEW JERSEY.
L-034 **EAST SPOTLIGHT** (1) ILLINOIS.
L-035 **WEST SPOTLIGHT** (3) IDAHO.
L-036 **EAST SPOTLIGHT** (1) ONTARIO.
L-037 **WEST SPOTLIGHT** (2) NEVADA.
L-038 **KANSAS INFO NET** (1) List of stations on the Kansas info Network.
L-039 **MUSIC COUNTRY NETWORK** (2) WSM Music Country stations.
L-040 **WEST SPOTLIGHT** (2) UTAH.
L-041 **AM STEREO STATIONS** (2) List of AM stations in Stereo (outdated).
L-042 **DX TRIP TO EL PASO** (5) Mark Connelly.
L-043 **FOCUS ON THE FAMILY** (2) Network List.
L-044 **ALBUQURQUE BAND SCAN** (1) Jef Jaisun.
L-045 **ALASKA AM SCENE** (1) AM Stations in Alaska.
L-046 **TALKNET LIST** (1) NBC Talknet stations.
L-047 **FAIRBANKS, ALASKA Bandscan** (4) Frank Merrill.
L-048 **The Word for Today** (1) List of stations that carry the "Word for Today" program, in alphabetical order by state. 02/88
L-049 **Hearing 50 States in the Northwest** (2) Bruce Portzer. Discussion of which stations may be heard in from each state and province from Seattle WA. Each state/province is graded as to its difficulty. 04/88
L-050 **Hearing 50 States & 10 Provinces in Manitoba** (3) Niel Wolfish. Discussion of which stations may be heard in from each state and province from Manitoba. Each state/province is graded as to its difficulty. 09/88
L-051 **More of the World Above 1600** (6) Shawn Axelrod. Complete discussion of what can be heard above 1600 kHz at this time. Beacons, experimental stations and beacons, driftnet buoys, maritime and pirate stations are covered in a complete listing. 07/95
L-052 **2015 IRCA Countries List** (5) Bruce Portzer. (09/15 – 52/02)
L-053 **2016 IRCA Countries List** (5) Bruce Portzer. (9/16 – 54/03)
L-054 **AM X-band list for 2016-17 DX Season** (1) Tony Rogers. Radio station assignments of 10 KHz channels above 1600kHz in the Americas. (01/17 – 54/18)
L-055 **2017 IRCA Countries List** (5) Bruce Portzer. (09/17 – 55/04)
L-056 **2018 IRCA Countries List** (3) Bruce Portzer. (11/18 – 56/10)
L-057 **The 2019 IRCA Countries List** (3) Bruce Portzer (12/19 – 57/14)
L-058 **The 2020 IRCA Countries List** (3) Bruce Portzer (12/20 – 58/14)
L-059 **The 2021 IRCA Countries List** (4) Bruce Portzer (11/21 59/12)
L-060 **KiwiSDR guide East Coast** (1) Mark Connelly. A list of those KiwiSDRs with sufficient signal and low enough local noise that might be of use to the East Coast DXer. (08/22 60/02) (NEW)
L-061 **The 2022 IRCA Countries List** (3) Bruce Portzer (11/22 60/13) (NEW)
L-062 **The 2021 IRCA Countries List** (6) Bruce Portzer (12/23 61/16) (NEW)

MODIFICATION

M-001 **The Curse of the Superheterodyne, and How to Hex It** (4) Joe Worcester. Describes some advantages and disadvantages of the superheterodyne receiver. Then, suggests a modified TRF circuit as a possible solution. 03/71
M-002 **Putting a Recording Outlet on Your Receiver** (1) Grant Manning. Describes how and where to attach a recording jack which bypasses the volume control of a receiver.
M-003 **The Worcester Long Distance M.W. Receiver** (6) Joe Worcester. Technical description of a BCB receiver designed by Joe Worcester. The problems encountered when designing the receiver are covered in detail. 11/75
M-004 **SPR-4 SSB Filter** (1) Grant Manning. How to modify a Drake SPR-4 to use the 2.4 kHz sideband filters without turning on the BFO, and speed up the AGC response time. 05/74
M-005 **Super Selectivity at a Super Price: The Q-5er** (1) Grant Manning. Briefly describes a method to achieve good selectivity by using a longwave receiver that tunes to the IF frequency (455 kHz). 03/72
M-006 **Intermediate Frequency Transformer Alignment** (2) Jon Perkins. A step-by-step outline for aligning the IF stages of any receiver. 03/70
M-007 **Selectivity** (1) Phillip Sullivan. An introduction to the various methods of getting selectivity out of a receiver.
M-008 **A Handy Little Gadget** (1) Tim O'Hare. Describes a switching arrangement for receivers and antennas. Includes an antenna tuner as well. 02/76
M-009 **R-390A/URR Optimization and Alignment Check** (2) Charles Taylor. Explains how to align the RF and IF stages of an R-390A. 05/81
M-010 **Modifying the Realistic TRF** (6) Gerry Thomas/Mark Connelly. Very detailed and specific instructions for aligning, improving the readout (to 10 kHz), better selectivity, adding antenna connections and installing a S-meter in the TRF. 10/80
M-011 **An Audio Switching Unit** (1) Nick Hall-Patch. Explains how to connect two receivers to a tape recorder in order to listen to either one or playback. 10/80
M-012 **Tape Interconnection, the Right Way/An Attenuator Patch Cord for Taping DX** (1) Don Davis/Gerry Thomas. Install an input jack in a receiver to make use of its audio stage for playback. Construction of a patch cord for running radio outputs into the microphone input of a tape recorder. 02/78
M-013 **Direct Digital Readout** (1) Grant Manning. Discusses digital readouts and some of the problems that are encountered when designing or using one. 02/78
M-014 **Mobilizing the SPR-4 Receiver** (1) Charles Taylor. Addresses problems associated with mobile operation of the SPR-4. Formulates solutions to antenna and power supply problems, and describes the construction of an antenna tuner. 08/78
M-015 **WWV Converter/100 kHz Crystal Calibrator** (1) Brian Sherwood. Circuit enables a TRF to tune into WWV. Crystal calibrator for BCB to 6 MHz with 100 kHz markers. 12/78
M-016 **Upgrading the Realistic DX-150/160 Receivers** (1) Nick Hall-Patch/Ralph Sanserino. Coupling to the internal BCB loop, cures for overload problems and selectivity improvements are discussed. See M028. 10/80
M-017 **Synchronous AM Detectors** (2) Nick Hall-Patch. Discussion of AM detection and the use of a phase-locked loop to improve reception of weak BCB signals. Includes schematics for several applications. 02/83
M-018 **FRG-7 Mods** (2) Brian Aase/Ralph Sanserino. Describes modifications to the FRG-7 which improve the S-meter, selectivity, AVC and parallax. 10/80

M-019 An Outboard Ferrite Loop for the Superadio (1) Gerry Thomas. Describes a method for mounting a Radio West "Shotgun" ferrite antenna on a Superadio. 10/80

M-020 R-390A Operating Procedure (2) Charles Taylor. Complete description with notes and explanations. 10/80

M-021 More Thoughts on Tape Recording from the TRF and other Portable Radios (2) Mark Connelly. Updates and expands on thoughts in the Traveling DXer article (G027). Several methods are discussed, with diagrams. 12/80

M-022 Aligning the Superadio (1) Gerry Thomas. Diagrams and text on how to take apart and align the RF, IF and oscillator sections of a GE Superadio. 01/81

M-023 R-390A/URR Vacuum-Tube to Solid State Power Supply Conversion (3) Charles Taylor. Complete concise description for converting an R-390A power supply to its solid-state equivalent. Many good diagrams. 02/81

M-024 Crudley-Bathbrush 26... A Homebrew MW DX Receiver (3) Nick Hall-Patch. Yes... a solid state homebrew receiver that really works. Design, check out and problems are discussed as the author builds his own. Complete schematic included. 03/81

M-025 A Homebrew Tube BCB Receiver (1) Mike Bittner. Author designed and built a receiver using 1 to 3 volt tubes and parts from junk radios. Includes a block diagram. 03/81

M-026 Antenna/Headphone Switching Units (1) Derek Claridge/Mike Worst/Nick Hall-Patch. Outlines several methods for switching audio and antennas between multiple receivers and headphones. 05/81

M-027 Using Ni-Cad Batteries with the TRF (1) Don Moman. Describes how to connect Ni-Cads in a TRF so they will charge when operating from AC. 05/81

M-028 Another Look at Upgrading the Realistic DX-150/160 Receivers (2) Karl Zuk. Expands on the modifications discussed in M016 for antenna coupling, RF gain, selectivity improvement (ceramic filter) and front end diode replacement. Drawings present the details of implementation. 11/81

M-029 Upgrade a Delco Car Radio/Simple SP-600 Modifications (1) Karl Zuk/Glenn Kippel. Describes a "Tweeking" technique for stock Delco car radios which improves sensitivity. An adjustable noise limiter modification and a technique for broadening the crystal filter on a SP-600. 01/82

M-030 A Crystal Calibrator (1) Bruce Portzer. Circuit and description for a 100 kHz crystal calibrator, with a modification for 25 kHz markers. 01/82

M-031 Digital TRF Readout: The Easy Way (2) Bill Block/Frank Aden/Nick Hall-Patch. Detailed description of the installation of a PCIM 177 Digital frequency readout in a TRF. 05/82

M-032 R-390A 3TF7 Ballast Tube Replacement (1) Steve Bohac and others. Several proven techniques for replacing this hard to find regulator tube. 11/82

M-033 ICF-6500W Selectivity Modification (2) Gerry Thomas/Dennis Kibbe. Complete details and step-by-step construction for installing a narrow IF ceramic filter. Steps for improving the audio are also included. 02/83 and 11/84

M-034 Plessy SL 6700 IF/Detector IC (2) Nick Hall-Patch. Description of the IC, schematic for a receiver IF amp/detector and an evaluation of the circuit. 04/83

M-035 R-390A on Longwave – Cheaply (1) Craig Healy. Author describes an easy way to use the R-390A for Longwave reception. A LW preselector circuit is included. 05/83

M-036 A LED S-Meter for the TRF 12-656 (1) Derek Claridge. Article describes how a row of LED's can be used to indicate signal strength on a TRF. 08/83

M-037 ICOM R-70 Modifications (1) Don Moman. Allows the SSB Pass Band Tuning filter to be used in place of the 6 kHz AM filter and allow preamp to operate below 1600 kHz. 08/83

M-038 Torrestronics TK-1 Digital Display Kit (1) Randy Tomer. Review of kit. Describes how to use the counter on an HQ-180. 08/83

M-039 Designing and Building Your Own MW Receiver (2) Nick Hall-Patch. An experienced experimenter discusses the design of a MW receiver. The design of each section is discussed, including pros and cons from the MW DXers point of view. 09/83

M-040 Two Sony Modifications (1) Dennis Kibbe. Describes a technique for improving the selectivity of the 7600A by adding a crystal filter. 12/83

M-041 ICOM R-70 Mods (3) Laurens Engel. Describes a number of improvements to the receiver. 09/85

M-042 Schottky Diode Detectors (1) Nick Hall-Patch. Discusses the use of Schottky diodes in the detector stage of AM receivers.

M-043 ESKAB PLAM Option for the ICOM R-71 (1) Don Moman. Discusses a commercially available detector stage for the R-71. 01/87

M-044 ICOM R-71 Mods, Tricks and Tips (1) Guy Atkins. Describes some simple modifications and operating techniques for the R-71. 11/87

M-045 Kenwood R-5000 Modifications (1) Don Moman. Several simple modifications to the receiver. 12/87

M-046 Replacing the R-70's PBT Filter (2) Gerry Thomas. Describes how to replace the ceramic filter in the R-70/71 passband tuner circuit to improve selectivity.

M-047 '180 + Collins F455FA40 Mechanical Filter = Super '180 (3) Dallas Lankford. Installation of a Collins FA series mechanical filter in a HQ-180A. '82

M-048 A Simple Static Protection Device for Shortwave Radios (1) Shawn Axelrod. Protect the front end of your radio with this easy to construct device. 02/88

M-049 Adjustable Noise Blanker for R70 (1) Guy Atkins. A quick and simple modification that allows adjustment of the threshold of the R-70's noise blanker using the Monitor knob. 02/88

M-050 The Line-Cord Choke: Another Weapon Against Line Noise (1) Chuck Bolland. Choke construction on the line cord of an R-71 is described. Includes some discussion on line noise. 03/88

M-051 Ballast Tubes for the R-390A (1). Short discussion of direct replacements for the 3TF7 tubes in an R-390A. Includes ratings for each type. 01/89

M-052 HQ-180 AGC Mod (1) Dallas Lankford. Description and schematic to modify the AGC timing of the HQ-180 for better MW reception. 06/90

M-053 51J-4 Product Detector Mod (3) Dallas Lankford. Converting the BFO circuit into a Product Detector is described. Complete detailed instructions are included. 07/90

M-054 51J/R-388 Band 1 Mod and AGC Mod (1) Dallas Lankford. Improvement of Band 1 (BCB) sensitivity is addressed, as well as a simple modification to improve AGC on AM. 07/90

M-055 Collins F455FD Mechanical Filter Mod for the Hammarlund HQ-180(A) (1) Dallas Lankford. Installation of a Collins FD series mechanical filter in a HQ-180A. 08/90

M-056 The Ultimate Homebrew Receiver? Not Quite! (3) Nick Hall-Patch. Complete description of Nick's homebuilt receiver, including detailed discussion of each stage and trade-offs. 10/90

M-057 R-390A Audio Output Impedance Matching (1) Dallas Lankford. Solution for matching the 600 ohm output of an R-390A to an 8 ohm speaker. 11/90

M-058 DX-440 – Sangean ATS 803A & Others BCB Improvement (1) Ralph Sanserino. Complete description of the addition of an external ferrite bar antenna to these receivers. 12/90

M-059 GE Superadio I & II Plug-In Loop Modification (2) Ralph Sanserino. Complete description of the addition of an external ferrite bar antenna to the Superadio series. 12/90

M-060 51J-4 Fast Attack – Slow Release AGC Mod (2) Dallas Lankford. Details on the modification of a Collins 51J-4 AGC circuit to improve performance. '90

M-061 The "Bargain Basement" (1) Leonard Hyde. Autek QF-1 modifications to add a pilot light, straight through, RF preamplifier and longwave tuner are detailed with schematics and layout information. 12/91

M-062 Sony ICF-2010 FET Replacement Instructions (1) Don Moman. Complete instructions for replacing a static damaged AM RF amp Q303 with a 2SK152 FET.

M-063 Putting Your DX-440 Back on track (1) Leonard Hyde. Instructions for aligning the frequency readout accuracy of a DX-440 plus a couple of observations. 01/92

M-064 The Bargain Basement – Part 2 (2) Leonard Hyde. A few quick ideas: 12 Vdc operation of Autek QF-1 and DX-440, rotating large loops, shielding loops and using twin lead wire for loop construction. 06/92

M-065 NRD-525 AGC Mod (3) Dallas Lankford. AGC mod for the NRD-525 that will correct distorted audio problems and reduce static crash and noise pulse hanging. 10/92

M-066 Elimination of Display Noise in the DX-440 (1) Leonard Hyde. Installing a shield inside the radio to eliminate display noise. 11/92

M-067 A Passive Audio Filter For Use With a Speaker (2) Al Koppel. A low pass filter (below 3000 Hz) for the NRD-525, or any other speaker system. 12/92

M-068 Drake R8: Encoder Shaft "Static" Elimination (1) Dallas Lankford. Correction of the encoder static problem by correct grounding of the encoder. 09/93

M-069 Drake R8: Increased Dynamic Range (3) Dallas Lankford. Discussion of 3rd order intermodulation distortion in the R8 and its correction. 09/93

M-070 NRD-525: Filter Leakage (4) Dallas Lankford. Discussion and correction of leakage around the INTER filter. 09/93

M-071 Drake R8: Low Headphone Volume and Broken Feet (1) Dallas Lankford. Modifying the R8 headphone circuit to handle 8 ohm headphones. Adding strength to the feet to prevent cracking. 09/93

M-072 R-390A Won't Turn Off (again) (2) Dallas Lankford. Worn microswitch keeps dial lights on with power otherwise off. Detailed instructions for removing and reworking the switch.
M-073 HP-48 to Control NRD-535 (1) Tom Napolitano. Description of a series of programs written for HP-48 series hand calculators to control an NRD-535. 01/94
M-074 Drake R8: Type B Spurs Elimination (2) Dallas Lankford. Techniques for the negation of hets and noise generated by the AM synchronous detector. 02/94
M-075 Drake R8: Increased Dynamic Range, Mod 2 (5) Dallas Lankford. Several ideas for increasing the dynamic range and image rejection of the Drake R8. 07/94
M-076 R-390A Filter Mod 2 (6) Dallas Lankford. Replacement of the R-390A's 16 kHz mechanical filter with a 3 kHz ceramic filter. 01/95
M-077 Drake R8: More on Improved Image Rejection (3) Dallas Lankford. Additional suggestions for improved image rejection.
M-078 RA6790GM (R-2174(P)/URR) Noise Blanker (4) Dallas Lankford. Discussion and schematic for using the Allegro ULN3846A noise blanker IC (the one in a Drake R8) for other receivers. 03/95
M-079 Ultralinear 2N5109 and 2N3053 Amplifiers (10) Dallas Lankford. Utilizing these bi-polar transistors to design amplifiers with extremely low 2nd and 3rd order intermodulation distortion, and thus better strong signal handling. 03/95
M-080 A home-built double-superhet LW/MW receiver with sync AM-detection (6) Ad Dieleman. Description of a high quality homebrew receiver with block diagrams and design details of each stage of the receiver, particularly of the synchronous AM demodulator. 10/01
M-081 CCRadio Tune-UP / Display Fix (4) Gerry Thomas. Detailed description of the RF/IF alignment procedure for this portable radio, as well as a cure for an erratic display. 11/01
M-082 Review of Kiwa's 3.7 kHz Filter for the CC Radio (1) Harry Helms. Kiwa's switchable IF filter for the CCRadio is evaluated. 11/01
M-083 Supercharging the ICF-2010: A 19.5" Loopstick Transplant (2) Gary DeBock. Construction details for a large external ferrite loop for the ICF-2010, plus comparisons with a Quantum Loop/2010 combo, and with an enhanced SRF-39 "ultralight" portable. (06/08 – 45/28)
M-084 Transforming the E100, Three Easy Steps to Hitting Ultralight Home Runs (2) Gary DeBock/Guy Atkins/John H Bryant. Adding an external sliding coil ferrite loop antenna to the E100 for greatly enhanced sensitivity (10/08 – 46/06)
M-085 A High Performance Filter for the E100 (1) Gary DeBock/Guy Atkins/John H Bryant. Adding a Murata ceramic IF filter to enhance the E100 selectivity. (10/08 – 46/07)
M-086 Connecting Outside Antennas to the E100 (1) Gary DeBock/Guy Atkins/John H Bryant. Coupling an external antenna to the Eton E100's internal ferrite loop via a small connector. (11/08 – 46/08)
M-087 More on Connecting Outside Antennas to the e100, The Slider as a Varicoupler (2) John H Bryant. Using the sliding coil ferrite loop in reprint M-084 as a coupler for external antennas. (12/08 – 46/13)

RECEIVERS

R-001 Sony TR-1300/Heath GR-78/Panasonic RF-759 AM-FM Portable (1) Ron Schatz/George Sherman. Three receiver reviews. 12/71 and 07/72
R-003 Hammarlund HQ-200 (1) Tom Garcia. Review. 09/73
R-004 National HRO-500 (1) Paul Daplyn. Review. 12/73
R-005 Drake SPR-4 (2) Robert Fischer. Detailed review. Includes selectivity curves. 11/72
R-006 Barlow-Wadley XCR-30 (3) Mike Hardester/Charlie Keleher/JA Worcester/Grant Manning. Reviews and notes on modification. 07/75
R-008 National NC-120/Sony CRF-230/Multiband Portables (1) Bruce Portzer/Grant Manning. Two reviews and some general comments on multiband portables. 03/72
R-009 Not too Technical Report on some Sony Products/The "ARB" for BCB (1) Tom Garcia/Grant Manning. Short reviews on Sony-230, TR-1000, IC-200 and TC-110, and notes on using and modifying an "ARB" for use on BCB. 01/71
R-013 Car Radios for DXing (2) Tom Garcia/Bill Lipis/Grant Manning. Three short articles about how to use and modify car radios for DXing. '71
R-015 Collins R-392 (1) Ralph Sanserino/Phil Bytheway. Reviews. 10/80
R-016 Drake SSR-1/Autek QF-1 (1) Grant Manning. Reviews. 11/75
R-017 Yaesu FRG-7 (2) Bruce Portzer. Review. 09/77
R-018 Collins R-390A/URR (6) Charles Taylor. Complete and detailed review. 07/79
R-019 Sony TR-6500 vs Realistic TRF (2) Gerry Thom as/Charlie Barfield. Hands-on comparison of the DX capabilities of two fairly inexpensive radios. 04/78
R-020 Panasonic RF-4800 (1) Grant Manning. Review. 04/78
R-021 GE Superadio (2) Gerry Thomas/Charlie Barfield/Ed Satterthwaite/Albert Lobel. Reviews. 10/80 thru 01/82
R-022 Panasonic RF-2200/RF-2600/RF-2900 (3) Armand Di Filippo/Mort Meehan/Randy Tomer/Bruce Portzer /Perry Ferrell. Short reviews. 5/79, 12/79, 3 /80,10/80
R-023 Realistic DX-150/160/Kenwood R-300/Layfayette BCR-101/Sony ICF-6700W (1) Pete Taylor. Four short reviews. 10/80
R-024 Yaesu FRG-7000/Kenwood R-1000 (*1*). FRG-7000 review is short, R-1000 is longer. 10/80
R-025 Modified FRG-7/FRG-7000 and FRG-7700/McKay Dymek DR-33C (1). Reviews. 02/83
R-026 Hammarlund HQ-180/SP-600 (1) Bruce Portzer/Phil Bytheway. Reviews. 10/80
R-027 Radio West Modified SPR-4 (1) Randy Tomer. Discusses the improvement in SPR-4 performance due to Radio West's selectivity and AGC time constant modifications. See M4 for technical details of the modifications. 12/80
R-028 Sony ICF-S5W (7) Gerry Thomas/Armand DiFilippo/Mark Connelly/Bruce Portzer. Several detailed reviews and comparisons with Realistic TRFs and GE Superadios. 03/81
R-029 TRF Model 12-656 (1) Gerry Thomas. Side-by-side comparison of the Realistic TRF models 12-655 and 12-656. 01/81
R-030 Sony ICF-2001 (2) Pete Taylor/Don Moman. Reviews. 03/81 and 10/81
R-031 Drake R-7 (3) Don Moman/Chuck Hutton/Craig Healy. Reviews. 03/81 and 01/83
R-032 A Comparison of Tube and Transistorized Receivers (1) Bruce Portzer. Discusses the differences between tube radios and the newer solid-state sets. 10/80
R-033 Subjective Evaluation of FRG-7 vs FRG-7 (1) Louis Goldstein. A look at how the FRG-7 evolved over the years. 05/81
R-034 The Realistic 12-173B/Grundig Autosuper Weltkland 3010A/Sony ICF-D11W/Realistic "Timekube" (1) Randy Tomer/Paul Swearingen. Reviews. 01/82 and 03/82
R-035 Comparing the DX-160 and the GE Superadio (1) Karl Zuk. Compares a modified DX-160 (antenna and transfilter mods) to a stock Superadio. 03/82
R-036 The Panasonic RF-3100 (1) Don Moman. Review. 07/82
R-037 The Yaesu FRG-7700 (1) Don Moman. Review. 07/82
R-038 Kenwood R-600 (1) Tim O'Hare/Bruce Portzer/Randy Tomer. Reviews. 09/82 and 11/82
R-039 Realistic 12-650/Radio Shack Patrolman SW 60 (1) Nick Hall-Patch/Peter V Taylor. Reviews. 09/82 and 02/84
R-040 Potomac Instruments SMR-11/Kenwood TS-430 Transceiver (1) Karl Zuk/Don Moman. Review of a hi-fidelity BCB receiver with features that might interest a DXer and a review of a Ham transceiver with a general coverage receiver. 10/82 and 01/84
R-041 Panasonic RF-6300/RF-081 (1) Don Moman/Randy Tomer. Reviews. 11/82
R-042 Japan Radio NRD-515 vs Drake R-7 – MW Performance and Modifications (1) Don Moman. Compares two receivers and discusses several modifications. 12/82
R-043 Sony ICF-6500W – The Perfect Portable (2) Gerry Thomas. Review. 02/83
R-044 ICOM R-70 (1) Don Moman. Review. 02/83
R-045 Kenwood R-2000 (1) Don Moman. Review. 02/83
R-046 GE Superadio – Cassette #3-5280B (1) Michael A Sapp. Review. 04/83
R-047 Sony ICF-2002 (7600D) (1) Dennis Kibbe. Review and first impressions. 12/83
R-048 Receiver Review, Sony SRF-A100 (2) Greg Monti. Review of this AM stereo receiver. 04/84

R-049 The Four AM Stereo Systems and the Sony SRF-A100 Receiver (2) Karl Zuk. The A100 is discussed along with the characteristics of different AM Stereo systems. 05/84
R-050 Review of the Sansui CX-990 Stereo AM-FM Car Radio (1) Steve Mittman. Review. 10/84
R-051 Uniden CR-2021 vs the Sony ICF-6500W (2) Gerry Thomas. Review of the CR-2021 and comparison with the ICF-7600W. 11/84
R-052 ICOM R-71A (2) Don Moman. Review. 11/84
R-053 Two Easy-to-Build AM Radio Kits (2) Karl Zuk. Reviews of the Radio Shack 28-4029 and Heathkit GR-1009 AM radio kits. 03/86
R-054 Kenwood R-5000 (3) Don Moman/Nick Hall-Patch. Review. 02/87
R-055 Delco ETR AM-FM Stereo Radio/GE Superadio II (1) Karl Zuk/Doug Pifer. Reviews. 08/86
R-056 A Comparison of Five Receivers (1) Glen Kippel. Compares the SP-600, HQ-180, R-388, RAX-1 and GE Superadio. 12/86
R-057 Sony 2010 (2) Don Moman. Review.
R-058 ICF-7600D Review (1) Phil Bytheway. Review. 02/88
R-059 The NRD-525 Versus the R-5000 (4) Dave Newkirk. In depth discussion of both receivers and a very detailed comparison. 03/88
R-060 5 Tube AM Superhet Radio Kit (1) Gary Heisey. Discussion of a 1950's style AM tube radio construction kit. Also includes some tips on performance improvement. 04/88
R-061 Sony SRF-M40W (2) Rich Toebe. Review of this digital walkman. 09/88
R-062 Three New Receivers (2) Bruce Portzer. Reviews of the GE 7-1900C, Kenwood RZ-1 and Sony SW1S small general coverage receivers. 12/88
R-063 The RACAL RA-17 (2) Bruce Portzer. Review. 01/89
R-064 The Drake R8 (3) Richard Eckman/Dallas Lankford. Specifications, two reviews and a comparison to the R-390A. 06/91
R-065 Realistic DX-440 vs Sony ICF-2010 (A Medium-Wave DX Evaluation) (2) Mark Connelly. Sensitivity, selectivity, dynamic range, features, price and value are discussed. 01/92
R-066 True Confessions of a "Bargain Basement" DXer (2) Leonard Hyde. Leonard describes his experiences with using car radios for AM DX. 01/92
R-067 Drake R8: A Second and Third Look (8) Dallas Lankford. Additional details about R8 performance not covered in R064. 10/92, 12/92
R-068 ICOM R-72 (2) Don Moman. Review. 11/92
R-069 Realistic DX-390 – A "Quickie" Evaluation (1) Leonard Hyde. Review. 11/92
R-070 The ICOM R-9000 (2) Don Moman. Review. 12/92
R-071 The Superadio III (2) Gerry Thomas. Review. 01/93
R-072 Use of Auto Radios for DXing (1) Leonard Hyde. Brief history of car radios and the author's favorite sets for DXing. 01/93
R-073 NRD-525: A Technical Review (5) Dallas Lankford. Very detailed technically oriented review. 02/93
R-074 The Collins R392/URR: Another Look (1) Leonard Hyde. Review. 02/93
R-075 The Chrysler Digital Auto Radio for DXing (1) Leonard Hyde. Low noise car radio and its use are described. 12/93
R-076 Receiver Showdown – A Comparison of Five Top RXs from a MW DXer's Perspective (3) Gerry Thomas. Head to head comparison of the ICOM R-9000, ICOM R-71A, JRC NRD-535D, Drake R8 and Collins R-390A receivers. Sensitivity, selectivity, dynamic range, ergonomics, audio quality and ECSS are covered. 12/93
R-077 The Lowe HF-225 Receiver (1) Don Moman. Review. 02/94
R-078 RA6790/GM: A Brief Review (6) Dallas Lankford. Review. 07/94
R-079 Sony SRF-42 AM Stereo Walkman (1) Frank Aden. Review of this portable AM Stereo radio. 09/94
R-080 Some Thoughts on the Yaesu FRG-100 (2) Randy Stewart/Don Moman. Detailed reviews. 09/94
R-081 The Zenith Trans-Oceanic: The Royalty of Radios (1) Nick Hall-Patch. Review of the book by John H Bryant and Harold N Cones which covers the complete history of the Zenith Trans-Oceanic radio series. 06/95
R-083 A Custom MW DX Receiver (5) Ray Moore. Description of Ray's "ultimate receiver" design and its use. Includes a block diagram. 05/96
R-084 AOR AR7030 (2) Guy Atkins. A top notch review.
R-085 Battle of the "Super" Radios (6) Gerry Thomas. A detailed evaluation of the GE Superradios I, II and III, as well as the Radio Shack Optimus 12-603. 09/98
R-086 The SONY ICF-SW7600G, ICF-SW1000T, and ICF2010 as Medium Wave Receivers (2) Nick Hall-Patch. Comparison of these three SONY portables, all of which offer AM synchronous detection. 06/97
R-087 The JRC NRD-535D as a Medium Wave Receiver (4) Nick Hall-Patch. Compares various parameters of this radio with a homebrew receiver, as well as with a SONY ICF-2010. 06/97
R-088 An Informal Review of the Harris 590 Solid State Receiver (5) John Bryant. A comparison of this surplus receiver with a JRC NRD-525 and a Watkins-Johnson WJ-1000. 07/98
R-089 CCRadio Reviews (5) Steve Hawkins/Gerry Thomas/Kevin Redding. Three reviews of the AM DX portable from CCrane. Thomas' review compares it with the GE Superradios II and III, as well as with more expensive portables. 11/99 and 05/01
R-090 The Palstar General Coverage Receiver (4) Gerry Thomas. Detailed review of the R30 receiver, comparing it with the Drake R8 and JRC NRD-535D. 06/00
R-091 The Grundig Yacht Boy YB 400PE as a Medium Wave Receiver (3) Nick Hall-Patch. An evaluation of this portable side by side with a SONY ICF-2010. 03/01
R-092 Radio Shack's Current DX Portables: Performance from a BCB DX Perspective (5) Gerry Thomas. The Radio Shack DX-398, DX-402 and DX-396 are compared with the CCRadio, ICF-2010 and ICF-7600G. 11/01
R-093 Best DX Radios (2) Gerry Thomas. A collection of minireviews of thirteen desktop and twelve portable radios from a medium wave DXers standpoint, along with relative ranking of DX capability. 12/01
R-094 The Ten-Tec RX-320 as a MW receiver (2) Nick Hall-Patch. A review of this computer controlled receiver, from a MW DXers standpoint. 03/02
R-095 Impressions of the Drake R-8B (2) Rick Kenneally. Comparing the R-8B with the Sony ICF-2010 and Hammarlund HQ-180 03/02
R-096 Sangean ATS-909 (2) Rich Toebe. Review and Photos, comparing the ATS-909 on AM and FM versus the Sony ICF-2010 and GE Superadio III. 06/02
R-098 The ICOM IC-R75 receiver for MW DXing (2) Nick Hall-Patch. Review comparing the RC-R75 with the Drake R8 and AOR AR-7030 on MW and tropical bands. (12/06 – 41/10, 41/12)
R-099 TenTec RX340 vs AOR AR7030, Racal RA1772 and ICOM IC-R75 (3) Jan Alvestad. A detailed comparison of five receivers with an emphasis on strong signal handling capability (07/04 – 41/29)
R-100 Grundig Ocean Boy 70 A Multiband Receiver with Style (3) Rich Toebe. Details using this receiver in Europe and in the USA where it was also compared with a Grundig YB-305 (02/05 – 42/21)
R-101 Software Defined Radio (5) Jack Weber. The basics of software-defined radio are examined as well as some of the advantages and disadvantages of this approach to DX listening. (12/06 – 44/14, 44/15)
R-102 The Sony ICF-EX5 Portable Receiver on Medium Wave (2) Gary DeBock. A comparison with the Sony ICF-S5W, ICF-2010, and ICF-SW7600GR models (05/07 – 44/27)
R-103 The Kaito KA1103 as a MW portable (2) Nick Hall-Patch. Comparing this inexpensive portable with the Sony ICF-2010. (06/07 – 44/28)
R-104 AM DX Portables – How They Stack Up – The Radio Shack DX-398, 12-150, and Realistic DX-400 (2) Scott A McArdle. (07/07 – 44/29)
R-105 The Eton E1 as a Medium Wave Receiver (2) Nick Hall-Patch. Compares the E1 with the Sony ICF-2010 and Drake R8. (10/07 – 45/05)
R-106 The SONY SRF-59 Walkman… Supreme MW-DX Overachiever (2) Gary DeBock. Comparing the original "ultralight" portable radio with the Sony ICF-S5W, ICF-2010, and ICF-SW7600GR models. (12/07 – 45/13)
R-107 SRF-59 vs DT-210V (1) Bruce Bacon. Comparing two early "ultralight" portable on medium wave. (01/08 – 45/18)
R-108 The Sony SRF-59 (2) Kevin Schanilec. A detailed look at the capabilities and internal workings of the original "ultralight" portable. (01/08 – 45/19)
R-109 The Tecsun PL-380 (2) Graham Maynard. A look inside this digital "ultralight" portable, along with modifications for improved performance. (05/10 – 47/27)
R-110 WiNRADiO G31DDC Excalibur Software-Defined Receiver (3) Jack Weber. A detailed review of the WiNRADiO software, plus some operational tests versus the Perseus, the other early wide bandwidth software defined receiver. (12/10 – 48/15s)

R-111 **Technical Review: CCrane CCRadio-EP AM/FM Analog Portable Radio** (1) Steve Ratzlaff. A detailed review that analyzes the internal circuitry of the AM section of the radio. (07/11 – 48/29)

R-112 **Software-Defined Radio – Getting Started** (3) Jack Weber. What to look for in an SDR for MW DX, plus an overview of SDR hardware and software available in 2013. (03/13 – 50/25, 50/26)

R-113 **Software-Defined Radio – Taking It Further** (3) Jack Weber. A survey of SDR software, with focus on which capabilities are more important for the medium wave DXer (04/13 – 50/27)

R-114 **Some thoughts on Software for SDRs/Further thoughts on Software for SDRs** (4) Technical Column. Reactions of various DXers to SDR software available up to 2014. (04/14 – 51/27 and 51/30)

R-115 **The Tecsun PL-300WT** (1) Gary DeBock. One of the first "ultralight" portables using a DSP receiver chip is reviewed. (06/09 – 46/28)

R-116 **New Radiwow R-108... The Good, the Bad and the Ugly** (1) Gary DeBock. A preliminary overview of a Chinese DSP "ultralight" portable (03/19 – 56/27)

R-117 **Some Candidates for MW SDR DX-ing** (5) Bjarne Mjelde. An overview of SDR hardware, both old and new, up to late 2020, concentrating on the MW DXer's needs. Included is a receiver MW sensitivity chart which allows users to compare SDRs with analog radios, and with each other. (01/21 – 58/22) (UPDATED Aug 2024)

R-118 **Recording and playing back MW IQ files: A software comparison** (7) Bjarne Mjelde. Advantages and disadvantages of a number of different software packages intended for control of SDRs, as well as for broadband RF recording and playback. Includes Brett Saylor's chart showing which SDR software will play back files recorded in other software. (03/21 – 58/27)

R-119 **The noise, the neighbor, and the box** (3) Jock Elliot , KB2GOM. The "Compact In-line Noise Eliminating Module" from BHI is put through its paces in order to improve radio reception quality.

TECHNICAL

T-002 **A Beginners Guide to the Ionosphere** (4) Father Jack Pejza. A simple explanation, with drawings and graphs, of how the ionosphere reradiates radio waves. 01/73

T-003 **Skyline Blockage** (4) Father Jack Pejza. Discusses several propagation modes and their expected arrival angles. A technique is outlined for computing the effects of local geography on station reception. See T014. 12/72

T-004 **Power Distribution in an Amplitude Modulated Signal** (1) Angel Garcia. Method for calculating the distribution of power in a modulated signal. 05/69

T-005 **Precision Frequency Measurement** (1) Ron Schatz. Describes a scheme for determining the exact frequency of a station using a Heathkit IB-1101 frequency counter. 04/72

T-007 **Yes, SAH** (1) Glenn Hauser. A description of sub-audible heterodynes, how to detect them, and how they can be used for determining frequencies. 12/71

T-008 **DX Mathematics** (6) Dave Fischer. Details for using trig tables to calculate Great Circle distance and bearing. A brief description of radio direction finding is included. See T012.

T-010 **Spurious Responses and How to Recognize Them** (1) Michael Northam. Talks about how signals mix inside a superheterodyne receiver causing stations to be heard on frequencies different from their carriers.

T-011 **The Use of a Tape Recorder in DXing** (1) Arthur Peterson. Tips for the DXer detailing the purchase, use and maintenance of a tape recorder.

T-012 **Easy DX Calculations** (1) Dave Fischer. A simplified version of some of the calculations found in T008. 05/74

T-014 **Comment on FJP Equations for Arrival/Takeoff Angles** (1) Dave Fischer. Corrects an oversight in the computations outlined in T003. 08/74

T-016 **Variations in the Ionospheric Gyromagnetic Frequency and Effects on MW Propagation** (1) Gordon Nelson. Explains why there is little variation in the gyromagnetic frequency for a given area. 06/74

T-017 **TV Oscillator Harmonic Frequencies** (1) Bruce Portzer. Brief discussion of the causes and cures for TV interference (TVI), and a list of TVI frequencies. 10/80

T-019 **Directional Antenna Patterns** (1) Jim Korn. A short explanation of techniques used by BCB stations to radiate a directional pattern. See T020. 12/68

T-020 **How to Read Directional Patterns** (2) Jim Korn. Conversion from mv/mile to Effective Radiated Power in watts. Includes table and sample antenna pattern. See T019. 12/68

T-021 **A Simple Method of Finding the Great Circle Path and Distance** (2) Father Jack Pejza. Description of a quick method using map overlays. Includes map and overlays. 03/75

T-022 **Summer Static, a Skywave Proposition** (1) Gene Martin. Discusses thunderstorm generated static and why the background noise level often goes down as dawn approaches. 07/70

T-025 **Radio Direction Finding** (1) Dave Fischer. Technique for pinpointing the location of a station using bearing information from DXers. 10/71

T-026 **Relation Between Geomagnetic Measurements and MW DX Conditions** (2) Grey Scrimgeour. Talks about a potential correlation between Afr readings and BCB DX conditions. 01/68

T-027 **Precision Frequency Analysis for the Medium Wave DXer** (2) Ron Schatz. Describes a technique for station identification by measuring exact frequencies. 11/75

T-028 **WWV and You** (2) Bruce Portzer. Complete information on the services of WWV, with three charts and time table. 04/76

T-029 **Inferential Frequency Measurement by Heterodyne Analysis** (1) Glenn Hauser. An easy method to estimate station frequency by analyzing co-channel heterodynes. 11/75

T-031 **Precision Frequency Measurement in the Mediumwave and the Shortwave Broadcast Bands** (8) Charles Taylor. Complete rundown on PFM and how it is accomplished. 02/76

T-032 **Auroral/Geomagnetic Activity and its Effect on MW Reception** (1) Gordon Nelson. Concise set of guidelines examining the effects of geomagnetic activity on BCB reception. 08/76

T-033 **Silencing QRN from a Fish-Tank Heater** (1) Nick Hall-Patch. Describes a method for reducing line noise buzzes with a capacitor. 08/77

T-036 **Some Thoughts on TP Reception on the East Coast due to the New 9 kHz Waveplan** (2) Bob Foxworth. Comments on the possibility of East Coast reception of some of the more easily heard TPs. 01/78

T-039 **How Much Complexity Do We Need?** (1) Randy Tomer. Questions advancing non-DXing related complexity of newer receivers, along with some thoughts about the simplicity of the Kenwood R-600. 10/80

T-040 **Some Non-Technical Thoughts About Long Distance Radio Reception in the Medium Waves** (4) Gene Martin. A hypothesis is put forth that may explain some effects noted by DXers trying for long distance stations. 02/78

T-041 **Unusual Antenna Systems** (2) Cary Simpson. Unusual antenna locations and layouts used by BCB stations are discussed. 02/78

T-042 **Long Distance Receiving Measurements of Broadcast Waves Across the Pacific** (2). Field intensity measurements of KNX-1050, Los Angeles CA made in Japan over the course of about a year from 1929 to 1931. 3/78

T-043 **Radio Propagation at Frequencies in the Standard Broadcast Band** (2) Philip Sullivan. Basic discussion covering radio wave propagation.

T-044 **Palomar Engineers VLF Converter** (1) Grant Manning. Review of a converter that translates 0-500 kHz to 3.5-4.0 MHz. 11/79

T-045 **Nightime Medium Wave Propagation by Ionospheric Refraction** (4) Randy Seaver. Article detailing radio wave propagation theory and ionospheric conditions. 09/78

T-046 **On Reflection and Refraction** (2) Randy Seaver. Do radio waves reflect or refract from the ionosphere? Both philosophies are discussed and conclusions are drawn. 01/79

T-047 **A Method of Finding the Distance Between Two Places on Earth** (2) Father Jack Pejza. With these two charts, distance can be determined to within 50 miles. 02/79

T-048 **Terrain Charts for Propagation Predictions** (1) Mark Connelly. Discusses how variations in the conductivity of local terrain can effect reception in certain directions. Includes chart for Billerica MA. 08/80

T-049 **What to Look for when Buying a Receiver** (2) Nick Hall-Patch. Talks about points to be considered before selecting a receiver. Sensitivity, selectivity, strong signal handling, readout, etc are covered. (DXer's Technical Guide)

T-050 **Strong Signal Handling** (2) Chuck Hutton. Discussion about strong signal handling in a receiver, and what can be done to improve it. 10/80

T-051 Audio Filters (4) Bruce Portzer/Sheldon Remington/Nick Hall-Patch. Includes introduction, reviews of Autek QF-1, MFJ SBF-2BX, SL-55, MFJ-752, Mizuho AP-M1, Laboelectron SF-0330, Datong FL-2 and Hildreth Engineering "CommAudio Processor" filters, and some schematics for "build-your-own" audio filters. 02/83

T-052 Gilfer GAR-7, KRS DD-2, KRS DD-1-4D (1) Gerry Thomas/Nick Hall-Patch. Reviews of these commercial digital readouts for radios with Wadley Loops and 455 kHz IF. 02/83

T-053 More Great Circle Calculations (1) Richard Corry. Simple equations and a Basic program for a HP-25. 11/80

T-054 Seasonal Variation in Medium Wave Reception (2) Bruce Portzer. Author has organized information from several IRCA Foreign Logs and graphed the number of loggings vs month of the year for TP, TA, LA and DU originating signal paths. 01/81

T-055 Diurnal Field Strength Calculations (1) FCC. FCC method for calculating interference during sunrise and sunset skip. 2 charts and outline for use. 10/82

T-056 Great Circle DX Program (3) Mark Connelly. HP BASIC program to calculate Great Circle bearing and distance. The location of many US and world cities is included. 03/83

T-057 Medium Wave Oblique Propagation – Another View (7) Randy Seaver. Presentation of the author's theory on propagation, and comparison to other theories. See T058. 06/84

T-058 On Theories, Extraordinary Waves and Elevation Angles in Medium Wave Propagation (5) Randy Seaver. Further discussion of the basis of the theory outlined in T057. 11/84

T-059 Noise and Signal Levels on the BCB (5) Marc Bergman. Actual measurements of radio signals and noise levels in southern California, and comparisons with published performance of several receivers. 10/85

T-060 Ceramic Filters (5) Marc Bergman. Discusses the performance of several commercially available filters. Includes lab measurements of their performance. 11/85

T-061 A Survey of Available Medium Wave Field Strength Prediction Methods (5) Randy Seaver. Describes several methods of calculating signal strength of medium wave skywave signals, and compares the results with actual measured values. 12/85

T-062 Sea Gain (10) Randy Seaver. Explains why transoceanic signals are heard exceptionally well near the coast. 01/87

T-063 Medium Wave – A Practical Approach (11) Graham Maynard. Describes the author's receiving setup, including antenna and grounding system, receiver modification and equipment interconnections (originally from Medium Wave News).

T-064 Relationships Between Solar Activity, the Earth's Magnetic Field, and Medium Wave DXing (8) Randy Seaver. Discusses the factors affecting medium wave propagation and presents a statistical analysis of solar and ionospheric data from 1956 to 1986. 10&11/87

T-065 Computer-aided Tuner Design (8) Mark Connelly. Describes a computer program for designing antenna tuners. 02/85

T-066 Q Demystified (8) Mark Connelly. Explains what "Q" is and presents a computer program for simulating tuned circuits.0 2/85

T-067 Suppliers of Radio Tubes (1) Nick Hall-Patch. List of mail order sources of tubes for older radios. 03/85

T-068 Surplus Mechanical Filters (3) Marc Bergman. Describes the performance of several commercially available mechanical filters for IF stages in receivers. 03/85

T-074 Atmospheric Effects on Medium Wave Radio Reception (1) Leonard Hyde. Brief discussion of four atmospheric conditions which seem to affect medium wave reception. 12/93

T-076 The Timewave DSP-59 Audio Filter (5) Nick Hall-Patch. Review of this digital audio filter and comparison with standard analog audio filters. 09/94

T-077 Radio Shack Digital Signal Processor (1) Don Moman. Review of the DSP-40. 11/94

T-078 Digital Receivers Bring DSP to Radio Frequencies (6) Roger H Hosking. Description and comparison of traditional Analog receivers and a receiver using Digital Signal Processing. 12/95

T-079 A Precision Frequency Measurement System (3) Albert Lehr. A description, with block diagram, of an Allied A-2515 receiver modified to enable the DXer to measure the frequency of a received signal with a precision of down to 0.001 Hertz. 1/99

T-080 Signal Strength Recording as an Aid to Propagation Studies (8) Nick Hall-Patch. Using a computer controlled receiver to automatically monitor and record signal strengths allowed the author to hypothesize about the causes of sunrise enhancement of trans-Pacific radio stations. 10/99

T-081 MW Carrier Monitoring (2) Mark Hattam. Describes the use of the free Spectrum Lab audio analysis software to differentiate between different radio station carriers on a given frequency. By recording those carriers over time, possible reception of stations is indicated that otherwise could not be identified by audio monitoring. 10/02

T-082 dxRadar: using a PC for TA DX (3) Christoph Mayer. The author created a Linux computer program to control his AR7030, scan TA channels for DX while tuning a loop antenna, record evidence of a number of signals on the same channel with 1 Hertz resolution, and record the audio from the strongest TA automatically. 11/02

T-083 Emerging Techniques of High-Tech DXpeditioning (12) Guy Atkins/John H Bryant/Nick Hall-Patch/Don Nelson. Describes the use of the portable computer to not only provide software aids to DXing such as sunrise/sunset, station databases and logging programs, but also to control receivers, record the audio from them, and indicate propagation openings via automatically tuned receivers. 01/03

T-084 Using the ICOM IC-PCR1000 PC controlled receiver for medium wave reception (3) Nick Hall-Patch. A medium-wave DXers review of ICOM's entry in the "black box" computer controlled receiver stakes. 04/03

T-085 Using a PC sound card for SSB/CW/AM demodulation (1) Nick Hall-Patch/Vittorio De Tomasi. Describes how to tap the IF signal from a receiver, convert it to audio range, and demodulate it using a PC sound card and "IFDSP" freeware. 04/03

T-086 Phase Noise in Communications Receivers (2) Steve Ratzlaff. A description of receiver phase noise, why it is a problem, how it can be measured, and some examples of measurements made by the author. 10/89

T-087 Using a PC and a Communications Receiver for Advanced DXing (3) Nick Hall-Patch. Describes the use of the Dymek DR-333 "black box" communications receiver as a propagation monitor, using the author's software to record ongoing signal strengths of selected overseas stations.

T-088 DX Atlas (1) Nick Hall-Patch. A program which provides several easily varied graphical displays of the world, allowing a DXer to easily plot signal paths, sunrise/sunset times, as well as ionospheric conditions at time of reception (09/05 – 43/02)

T-089 Don't forget your best het locater, the sound card (1) Don Moman. Using a simple audio spectral display program to view and analyze carriers of AM radio stations, many more than the ones delivering readable audio (01/6 – 43/18)

T-090 Precision Frequency Measurement for the Common Man (2) Nick Hall-Patch. Using the system described in T-089, it is possible to inexpensively derive exact carrier frequencies of AM radio stations. (11/06 – 44/11)

T-091 International MW DXing – The Alberta Perspective (2) Nigel Pimblett. An experienced Alberta DXer describes approaches to receiving stations from Asia, Oceania and Europe from his part of the world (05/07 – 44/27)

T-092 2008 Cabin Fever MW DX Sprint (1) John Bryant and Gil Stacy. Describes a contest pitting DXers from Newfoundland to Hawaii against each other, using "ultralight" portables to hear the most DX. (03/08 – 45/24)

T-093 The DX Fishbarrel… where will be your next DX catch? (2) Nick Hall-Patch. A pair of programs plus an SDR deliver a frequently updated graphical display of signal strengths on 9kHz overseas DX channels. (05/08 – 45/27)

T-094 Signal strength advantage of the Rockwork 4 site (2.5) Nick Hall-Patch. Reception from the well-known cliff-side site on the Oregon coast was compared with an ocean-side site a few miles away, using identical receivers and antennas.(10/16 – 54/06)

T-095 Ideas on construction of a termination/reverser device for Flag antennas. Developments (3.2) Mark Durenberger. Further developments in reversing remote terminations and feeds when using uni-directional loop antennas such as the Flag. (based on the work done in from Reprint A-195) (12/16 – 54/15)

T-096 How a Beverage antenna can discover its inner feed line a work in progress (3.5) Nick Hall-Patch. Describes a method for hearing signals from the far end of a Beverage antenna, using a shielded twisted pair cable. (01/17 – 54/21)

T-097 How a Beverage antenna can discover its inner feed line – conclusion (4.5). Nick Hall-Patch. Extensive on-site tests on the system described in Reprint T-096 reveal that feed line losses may be a deal breaker for this idea. Leads to Reprint T-098. (08/17 – 55/01)

T-098 Category 5 ("CAT-5") Data Cable as a Wave Antenna (3.5) Mark Durenberger/Mike Shafer/Nick Hall-Patch. Can 1000 feet of Cat-5 cable be used to create a bi-directional Beverage antenna with variable resistance terminations at both ends? Read this and find out. (09/17 – 55/04)

T-099 USB Isolators/Ground Loop Eliminators for Software Defined Radio Applications (2.8) Bruce Conti. The USB connection from a computer to a software defined radio can introduce noise into the received signal. This article describes ways to block that noise. (06/18 – 55/34)

T-100 Supercharging the XHDATA D-808 – Installation of High Performance AM and LW Loopsticks (9.5) Gary DeBock. A detailed construction project for increasing the signal pickup of this portable radio. (09/18 – 56/03)

T-101 THE D-KAZ COOKBOOK (15) Mark Durenberger. Reviews the basics of operation and construction of the D-KAZ antenna, and compares its performance as construction parameters are varied, plus much else. (01/19 – 56/18)

T-102 Easter Aussie Hunt (3) Steve Whitt. A British DXer tries to find evidence of Australian DX using Spectrum Lab software (see also T-081) (07/05 – 42/29)

T-103 Pre-Amp Peregrinations (2) John H. Bryant and Mark Connelly, WA1ION. Adventures with RF Pre-Amps by *Advanced Receiver Research* and *DX Engineering* (10/05 – 42/05)

T-104 Using Carrier Sleuth to Find the Fine Details of DX (9) Nick Hall-Patch. Evaluation of commercial software that takes SDR recorded files and displays waterfalls showing very high resolution of carrier frequencies, and can also be used to derive signal strengths vs. time of those carriers. (01/21 – 58/20)

T-105 Mark Connelly on Kiwi SDR Comparisons (1) A look at Kiwi SDRs in the northeast USA for DX listening compared with a home listening post. (10/20 -58/09)

T-106 Binocular Transformers (6) Dick van der Knaap. A very detailed study about the use of binocular ferrite cores for the medium and shortwave DXer, both as matching and isolation RF transformers, and as 2-way signal splitters (06/21 - 58/35)

T-107 On The Causes And Cures Of Audio Distortion Of Received AM Signals Due To Fading (8) Dallas Lankford. A mathematical and observational approach to understanding distortion that occurs when demodulating AM signals.

T-108 My Experiences With Some AM Synchronous Detectors (4) Dallas Lankford. An observational analysis of the audio outputs of various receivers that provide AM synchronous detection.

T-109 Using GPS in DXing (3) Jack Weber. Describes the use of a GPS Disciplined Oscillator to provide a frequency reference for DXers interested in measuring received carriers accurately. (8/14 59/01)

T-110 Are Trans-Arctic Medium Wave Signal Paths Reciprocal? (10) Nick Hall-Patch with Barry Davies. Two DXers in western Canada and in Britain recorded trans-Arctic MW signals from their respective locations for several months in early 2021. This article describes the results and analyzes the signal propagation. (9/11 59/03)

T-111 Elliptic Low Pass Audio Filters (7) Dallas Lankford. Describes the design and construction of analog audio filters tailored for the DXer.

T-112 J310 – J271 FET Follower (2) Dallas Lankford. This is the preamplifier circuit developed for use with antennas such as described in Reprint A-220, and commercialized for a time by Clifton Laboratories.

T-113 Offsets on Medium Wave – some Notes and Examples (20) Nils Schiffhauer, DK8OK. A very detailed look at the accurate observation of received carrier frequencies, with examples of transmitter introduced anomalies as well as distortion introduced by the vagaries of propagation.

T-114 How to measure carrier offsets on Kiwi SDRs (4) Jeroen Bet. Many KiwiSDR online receivers are frequency locked to GPS. This article describes how to derive accurate carrier frequencies, to the sub-Hertz range, using these SDRs. (06/22 59/34)

T-115 Geomagnetic Data vs Reception (3) Steve Babcock VE6WZ. A 160m propagation report and trans-polar EU QSO summary from VE6WZ during the winter seasons from 2018-2021, with some discussion of longer range solar trends. (12/22 60/16). (NEW)

T-116 Peak Signal Strength of MW Stations Received Along the Path of the 2024 Solar Eclipse (4) David Kingsley. Analyses of signal strengths as stations faded in and out while the 2024 solar eclipse passed over Arkansas, using SDR and analog receiver data from two different sites. (05/25 61/33) (NEW)

T-117 Medium Frequency Amplifier Circuits Compared (11) Mark Connelly, WA1ION. Comparisons of broadband RF amplifiers suitable for medium wave use. Although some of the devices are now obsolete, the approaches to evaluating them continue to be informative. (NEW)

T-118 Wind Your Own RF Matching/Isolation Transformer (2) Bruce A. Conti. Approaches to DIY matching transformers for broadband loop antennas. (NEW)

T-119 Virtually Linear Intermodulation Distortion Measurement Systems (10) Dallas Lankford. Describes a detailed approach to building hardware suitable for measuring intermodulation distortion (IMD). See Reprint T-050 for an introduction to IMD. (NEW)

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ULTRALIGHT/FSL

U-001 Ultralight Radio AM-DX Shootout – Round One (2) Gary DeBock. Comparative testing of the Sony SRF-M37V and Sangean DT-200VX digital units, and the Sony ICF-S10Mk2 analog unit vs. the Sony SRF-59. (12/07 – 45/15)

U-002 Ultralight Radios on the March (2) John H Bryant. The genesis of the founding of the "ultralight" portable radio group, setting up of categories, and establishing reception distance records. (01/08 – 45/18)

U-003 Ultralight DXing: More FUN than we have had in… (2) Rob Ross/John H Bryant. The story of one DXer's quest to log 300 stations in one month on an SRF-59 "ultralight" portable. (02/08 – 45/21)

U-004 2008 Ultralight Radio AM-DX Shootout (2) Gary DeBock. Comparative testing of the Sony SRF-39FP analog model (a.k.a. Prison Radio), and the Sony SRF- T615, Sangean DT-180V, Sangean DT-210V and C.Crane SWP digital models (02/08 – 45/21)

U-005 Super Antenna Makes Prison Radio the Ultimate Analog DX Bandit (2) Gary DeBock. Description of the first addition of an external ferrite rod antenna to an "ultralight" portable radio. (01/08 – 45/23)

U-006 Committee Announces New Ultralight MW DXing Awards Program (1) John H Bryant. (08/08 – 45/30)

U-007 2008 Ultralight AM Radio Summertime Shootout (3) Gary DeBock. Comparison of the Sony SRF-S84 and SRF-M97 models, the Eton E100, and the Sony SRF-M37W and Sangean DT-400W units (46/02 – 9/08)

U-008 E100 Four Variant Shootout (3) Gary DeBock. The Eton E100 modified with a Murata IF filter, one modified with a "slider" external loopstick, and another with both modifications are compared with a stock model. (11/08 – 46/12)

U-009 A New Slider Loopstick for the Sangean DT-200VX, A Revolutionary Sensitivity Boost for Another Ultralight Model (3) Gary DeBock. A detailed construction article, along with comparisons of the finished product with the E100 and the Sony ICF-2010. (02/09 – 46/21)

U-010 Notes on Recording Audio from Ultralight Radios – Hand-Held Recorders, Automated Timed Recordings with Laptops (4) John H Bryant. Live recording using various hand-held digital recorders, as well as laptop soundcard inputs (05/09 – 46/27)

U-011 A loopstick transplant for the PL-300WT (2) Gary DeBock. Results from modifying this digital "ultralight" portable, plus some comments on the radio's quirks. (this is the same radio as the Grundig G8). (08/09 – 46/30)

U-012 2009 Ultralight Radio AM-DX Shootout (5) Gary DeBock. Comparing the Kaito WRX911 (aka Tecsun R911), the Tecsun R9012, the CCrane SWP (aka Redsun RP300), the Degen DE1123, the Tecsun PL-300WT (aka Grundig G8), the Kchibo D92L and the Kchibo D96L. (10/09 – 47/05 and 47/06)

U-013 The Tecsun PL-310 AM-FM-SW-LW DSP Receiver, Four Band Performance Review (3) Gary DeBock. An overview of the PL-310, plus a comparison with the Kchibo D96L and the earlier PL-300. (10/09 – 47/08)

U-014 Tecsun PL-380 DSP Receiver – the Ultimate Ultralight? – Four Band Performance Review of Tecsun's Latest DSP-enhanced Pocket Radio (3) Gary DeBock. A thorough review including operational comparison with both the earlier PL-310 and the Kchibo D96L (01/10 – 47/16)

U-015 Supercharging the Tecsun PL-380 DSP Portable, A 7.5" Loopstick Transplant Optimized for Medium Wave (2) Gary DeBock. Construction details for Increasing the sensitivity of this radio;. (01/10 – 47/17)

U-016 Adding a MW Antenna Port to Tecsun DSP Ultralights (2) John H Bryant. Adding a 1/8" jack and loopstick coupling winding to a portable radio in order to use an external antenna. See also Reprint A-178. (01/10 – 47/20)

U-017 7.5" Plug-in Loopsticks for the Tecsun PL-360 Model – A Unique Opportunity for Great Stand-Alone AM Sensitivity – With No Radio "Surgery" (2) Gary DeBock. Construction details for upgrading the sensitivity of this DXing portable without opening the case. (06/10 – 47/28)

U-018 KR1S Hoop Loop Ultralight Radio Antenna (2) Jim Kearman/Steve Ratzlaff. Construction details and operational notes for creating a large rotating and tilting air core loop for "ultralight" portables using a wooden quilting hoop. (09/10 – 48/03)
U-019 Tecsun PL-606 AM-FM-SW DSP Ultralight Radio – First Impressions (1) Gary DeBock. A first look at a new portable radio. (11/10 – 48/11)
U-020 Tecsun PL-606 AM-LW-FM-SW DSP Receiver – Breakthrough AM-DXing Capabilities in a Very Small Package (3) Gary DeBock. A more detailed look at this radio, including operational comparisons with the same company's PL-310 and PL-380. (04/11 – 48/26)
U-021 7.5" Loopstick Tecsun PL-380 Model – Transform Your Tiny Tecsun into a World-Class MW or LW-DXing Portable (9) Gary DeBock. A much more detailed version of Reprint U-015. (11/16 – 51/10 and 51/15)
U-022 2015 Ultralight Radio Shootout Review – The Most Advanced Pocket Radios Compete for DXing Supremacy (3) Gary DeBock. Comparing the CC Pocket, PL-310ET, C. Crane Skywave, Sangean DT-400W, and Eton Traveller III. (02/15 – 52/25)
U-023 2015 Ultralight Radio Shootout Review – The Most Advanced Pocket Radios Compete for DXing Supremacy (9) Gary DeBock. A much more detailed version of Reprint U-022. (03/15 – 52/27)
U-024 3.5 Inch (89mm) "Frequent Flyer" FSL Antenna – Compact MW-DXing Gain at Home or on Long Range Vacations (9.7) Gary DeBock. A small but effective FSL with very detailed assembly instructions. (07/17 – 54/35)
U-025 Innovative Ferrite Antennas – Worldwide DXing Excitement! (4) Gary DeBock. A description of various levels of sensitivity enhancement for "ultralight" portable radios, plus thoughts on choices of listening sites. (09/19 – 57/03)
U-026 A New Approach to FSL Antenna Construction (3) Guy Atkins. Construction details for another way of constructing FSL antennas. (12/19 – 57/15)
U-027 An Introduction to Ultralight MW Radio DXing (Updated: February 2021) / Planning a Portable Ultralight radio DXing Session – 2021 (3) Paul Blundell. (02/21 - 58/26)
U-028 2021 Ultralight Radio Shootout, Five Hot Little Portables Brighten Up the Pandemic (16) Gary DeBock. Five "ultralight" portable radios are exhaustively evaluated, using their medium-wave, shortwave, and FM capabilities. (05/21 - 58/34)
U-029 A description of the latest small but effective FSL designs (1) Gary DeBock (06/21 – 58/35)
U-030 "Supercharged" XHDATA D-109 Model – the Good, the Bad and the Ugly (1) Gary DeBock (04/23 – 60/32). Adding an external ferrite loop to the D-109 without picking up display noise. (NEW)
U-031 The Qodosen SR-286—a New and Improved Ultralight Radio (3) Guy Atkins, Craig Barnes and Gary DeBock (03/24 – 61/28). Thorough overview of a sensitive little radio based on the TEF-6686 chip. (NEW)
U-032 Qodosen SR-286 Hot Rodding with a R40C1 Ferrite (1) Guy Atkins (04/24 – 61/31). Adding an external ferrite loop to the SR-286. (NEW)
U-033 Hot-rodding the CC Skywave SSB – and two pleasant surprises! (1) Hans Ostnell (04/24 – 61/31). Adding an external ferrite loop connection to the Skywave SSB. (NEW)
U-034 New XHDATA D-608WB Ultralight Portable (1) Paul Jamet (06/24 – 61/34). A technical report plus a description of a loopstick upgrade. (NEW)
U-035 XHDATA D-608WB Ultralight Portable – Tech Report and Loopstick Upgrade (1) Gary DeBock. An external ferrite loop is added to a new Ultralight radio. (03/24 61/26) (NEW)

DXPEDITIONS

X-001 DXpedition to the Outer Banks of North Carolina – 3/5-7/04 (3) John H Bryant/Harold N Cones. (04/04 – 41/24)
X-002 Grayland DXpedition 2004.8 – 8/20-22/04 (3) John H Bryant. (TenTec RX-340, RX-320) (08/04 – 42/01)
X-003 Grayland 2004 Fall DXpedition (8) Chuck Hutton (11/04 – 42/08, 42/09 and 42/10)
X-004 DXpedition Report – OBX-DX II – 3/3-5/05 – Bodie Island NC (3) John H Bryant/Harold N Cones. (04/05 – 42/25 and 42/26)
X-005 DXpedition to Grayland and Cape Disappointment – 6/10-16/05 (6) John H Bryant. (07/05 – 42/29)
X-006 DXpedition to Ocean Station Papa 50N 145W (3) Loggings heard while working on an oceanographic research ship in the northeastern Pacific Ocean in June 2005. Nick Hall-Patch (07/05 – 42/29).
X-007 DXpedition to Tow Hill, Haida Gwaii – Queen Charlotte Islands BC (5) Walt Salmaniw. (07/05 – 42/30)
X-008 Grayland DXpedition – 9/10-11/05 and Guerilla DXpedition to Cape Lookout OR – 10/6-7/05 (4) John H Bryant. (10/05 – 42/05)
X-009 Very Mighty Grayland DXpedition – 10/13-16/05 (9). (11/05 – 43/08, 43/09, 43/10, 43/12, 43/13 and 43/14)
X-010 Newfoundland DXpedition 15 – 11/4-14/05 (5). (02/06 – 43/22 and 43/24)
X-011 April 2006 Grayland DXpedition (3) Chuck Hutton. (04/06 – 43/26)
X-012 Comments and Loggings, Grayland DXpedition 2006.6 – 6/10-12/06 (3) John H Bryant. (07/06 – 43/29)
X-013 2006 Dr Harold Beverage Birthday Celebration Party and Grayland DXpedition (6) Chuck Hutton. (11/06 – 44/08 and 44/09)
X-014 2006 IRCA Convention DXpedition to Grayland WA (4). (11/06 – 44/10 and 44/11)
X-015 LBI-5 DXpedition Report (2) Russ Edmunds. (01/07 – 44/16)
X-016 DXing at the Queen Charlottes (1) Walt Salmaniw. (03/07 – 44/23)
X-017 Final 'By Country' Log – DXpedition to Easter Island – 3/16-25/07 (5) John H Bryant. (06/07 – 44/18)
X-018 Grayland DXpedition 2007.08 – 8/23-26/07 (2) John H Bryant. (09/07 – 45/02)
X-019 DXpedition to Haida Gwaii, Massett, Queen Charlotte Islands – 9/15-25/07 (11) Various. (10/07 – 45/06)
X-020 Grayland DXpedition 2007.10 – 10/25-28/07 (2) John H Bryant. (11/07 – 45/08)
X-021 Craig Edwards, Nhulunbuy, Northern Territory (2). (12/07 – 45/15)
X-022 Long Beach Island NJ DXpedition 6 – 11/9-11/07 (2). (01/08 – 45/16)
X-023 Queen Charlotte Island DXpedition (2) Walter Salmaniw. (01/08 – 45/17)
X-024 Cappahayden, Newfoundland 2007 DXpedition 19 (8) Jean Burnell. (02/08 – 45/21, 45/22, 45/24 and 45/26)
X-025 Spring time Grayland DXpedition – 3/29-30/08 (2) Chuck Hutton. (05/08 – 45/27)
X-026 Granite Pier Mini-DXpedition (late 4/08) (2) Mark Connelly. (06/08 – 45/28)
X-027 DXpeditions: Rowley, MA + Rockport, MA (3) Mark Connelly. (08/08 – 45/30)
X-028 DXing from Masset BC, Queen Charlotte Islands (2) Walt Salmaniw. (09/08 – 46/02)
X-029 DXing from Kenai AK (1) Kevin Schanilec. (09/08 – 46/03)
X-030 Grayland DXpedition (3) Various. (10/08 – 46/06)
X-031 Grayland DXpedition – 10/4-5/08 (3) Chuck Hutton/Bruce Portzer/Tom Rothlisberger. (11/08 – 46/08)
X-032 Guy Atkins at Grayland (2) Guy Atkins. (11/08 – 46/09)
X-033 Gary DeBock at Grayland (1) Gary DeBock. (11/08 – 46/10)
X-034 Guy Atkins to Grayland (1) Guy Atkins. (01/09 – 46/17)
X-035 Guy Atkins to Grayland (2) Guy Atkins (01/09 – 46/18)
X-036 Queen Charlotte Islands yet again!!! (3) Walt Salmaniw. (01/09 – 46/18)
X-037 Newfoundland 2008 DXpedition (8). (01/19 – 47/20 and 46/21)
X-038 Here is a report on our trip to Costa Rica (1) Martin Foltz. (02/09 – 46/22)
X-039 Grayland DXpedition Loggings – 12/29/08 (2) Guy Atkins. (03/09 – 46/24)
X-040 Grayland DXpedition Report 7/12-14/09 (2) John H Bryant, Gary DeBock (08/09 – 46/30)
X-041 Newfoundland 2008 DXpedition Report, Part 2 (2). (09/090 – 47/01)
X-042 Grayland DXpedition 2009.09 – 9/29 – 10/1/09 (1) John H Bryant. (10/09 – 47/05)
X-043 DXpedition to Grayland WA – 10/12-14/09 (2) John H Bryant. (11/090 – 47/10, 47/11 and 47/12)
X-044 Pacific DX report: One Day out of Honolulu (1) Walt Salmaniw. (12/09 – 47/13)

X-045 Long Beach Island, New Jersey, DXpedition Report – 11/09 (4) Russ Edmunds. (01/10 – 47/16)
X-046 Amazing DX from Haida Gwaii (3) Walter Salmaniw. (01/10 – 47/17)
X-047 Report from DXpedition in Zion PA – 12/28-29/09 (2) Dave Valko/Don Moore/Brett Saylor. (01/10 – 47/20)
X-048 Grayland Loggings – 10/3-4/09 (3) Chuck Hutton. (03/10 – 47/25)
X-049 LEM291 DXpedition Report – 2/26 – 3/6/10 (3) Mika Mäkeläinen. (04/10 – 47/26)
X-050 Middle East Loggings from Nick Hall-Patch (4) Nick Hall-Patch. (05/10 – 47/27 and 47/28)
X-051 Seefontein 8 DXpedition – 3/29 – 4/1/10 (3) John Plimmer (05/10 – 47/27)
X-052 July 2010 Oregon Beach Ultralight DXpedition – Stumbling Across a Hot Spot for South Pacific DX (2) Gary DeBock. (09/10 – 48/02)
X-053 August 2010 Lincoln City, Oregon DXpedition – More Unusual ULR Success in Chasing South Pacific DX (3) Gary DeBock. (09/10 – 48/02)
X-054 Initial compiled Loggings from the Haida Gwaii DXpedition – 9/23-26/10 (3). (11/10 – 48/09)
X-055 DXpedition to Grayland (2) Guy Atkins. (11/10 – 48/12)
X-056 Hawaiian Report (3) Walt Salmaniw. (02/10 – 48/14, 48/15s, 48/16, 48/17 and 48/18)
X-057 From Southern Star to under the North Star – AIH3 DXpedition to Aihkiniemi – 10/16-23/10 (2) Mika Mäkeläinen. (12/10 – 48/14)
X-058 LEM295 DXpedition to Lemmenjoki – 10/23-30/10 (2) Mika Mäkeläinen. (01/11 – 48/17 and 48/19)
X-059 Mini DXpedition to Haida Gwaii 3/11-13/11 (3) Walt Salmaniw. (03/11 – 48/25 and 48/26)
X-060 August 2011 Oregon Cliff Ultralight LW-DXpedition – Stacking the Odds with High Elevation, Salt Water Propagation and FSL gain (3) Gary DeBock. (09/11 – 49/02)
X-061 Long Beach Island DXpedition report (4) Russ Edmonds. (01/12 – 49/19)
X-062 DXpedition to Gabriola Island (1) Nick Hall-Patch. (01/12 – 49/20)
X-063 Loggings from Quoddy House, Lubec ME (3) Bill Whitacre. (02/12 – 49/22)
X-064 Grayland DXpedition Report – 5/7-9/12 (2) Guy Atkins. (06/12 – 49/29)
X-065 Cape Perpetua OR Report (4) Guy Atkins. (09/12 – 50/04)
X-066 DXing from Grayland, WA, Winradio Excalibur, 1000' NW Beverage (1) Bruce Portzer. (11/12 – 50/09)
X-067 "Rockwork" 400' Cliff DXpedition in Oregon (1) Gary DeBock. (11/12 – 50/12)
X-068 November 2012 Oregon Cliff Ultralight DXpedition – Mildly exciting propagation – wildly exciting weather (4) Gary DeBock. (12/12 – 50/14 and 50/15)
X-069 August 2013 Cape Perpetua (Oregon Cliff) DXpedition – Another Sheer Cliff Site Twists Transoceanic Propagation in Delightful Ways (5) Gary DeBock. (09/13 – 51/02)
X-070 Gabriola Island DXpedition (1) Nick Hall-Patch. (10/16 – 51/07)
X-071 Rockworks 4'' DXpedition – 11/2-3/13 (2) Guy Atkins. (11/13 – 51/10)
X-072 DXpedition to Grayland WA – 10/19/13 (1) Bruce Portzer. (11/13 – 51/10)
X-073 DXpedition to Masset 26 Dec 2013 to 3 January, 2014 (3) Walter Salmaniw. (01/14 – 51/19)
X-074 LBI-12 2013 Report (3) Russ Edmonds. (01/14 – 51/20)
X-075 DXpedition to Haida Gwaii March 7 to 16, 2014 (1) Walt Salmaniw. (03/14 – 51/26)
X-076 DXing at Rockworks 4 Cliff, Oregon coast (2) Guy Atkins/Gary DeBock. (04/14 – 51/28)
X-077 April 2014 "Rockwork 4" Oregon Cliff DXpedition – Sacrificing Comfort for Three Days of Wild Hobby Fun (4) Gary DeBock. (05/14 – 51/30)
X-078 "Cliffhanger" DXpedition to Rockwork 4 (south of Cannon Beach, OR) (2) Gary DeBock. (07/14 – 51/35)
X-079 July 2014 Rockwork 4 Ocean Cliff DU-DXpedition – Exceptional New Zealand Propagation for Both Perseus-SDR and Ultralight DXing (5) Gary DeBock. (08/14 – 52/01)
X-080 August 2014 Cape Perpetua Ocean Cliff DXpedition – Wild Weather and Wacky DX on Oregon's Most Exposed Ocean Side Cliff (4) Gary DeBock. (10/14 – 52/05)
X-081 October 18-19, 2014, DXpedition to Grayland, WA (2) Bruce Portzer. (11/14 – 52/11)
X-082 Grayland, WA Ultralight DXpedition (2) Gary DeBock. (11/14 – 52/11)
X-083 Listening Waters – 2014 Prince Edward Island DXpedition – November 2 – 8 – Murray Harbour North (46°04'N 62°28'W) (10) Various. (11/14 – 52/12)
X-084 GRAYLAND 2014 DXPEDITION – October 18-19 2014 (5) Nick Hall-Patch/Chuck Hutton/Bruce Portzer/Tom Rothlisberger. (12/14 – 51/15)
X-085 Long Beach Island 13/2014 (2) Various. (01/15 – 52/20)
X-086 DXpedition to Masset BC 17-25 January 2015 (2) Walter Salmaniw. (02/15 – 52/22)
X-087 Parallel DXpedition Report/Ocean Shores DXpedition (2) Nick Hall-Patch/Gary DeBock. (04/15 – 52/29)
X-088 Oregon Cliff (Rockwork 4) Ultralight (dialog version) (2) Gary DeBock. (07/15 – 52/34)
X-089 June 2015 Rockwork 4 Ocean Cliff DXpedition – Chasing South Pacific DX with Nature's Finest Enhancement (4) Gary DeBock/Chuck Hutton/Tom Rothlisberger. (07/15 – 52/35)
X-090 Grayland DXpedition, June 27-28/Rockwork 4 DXpedition – Top Ten Signals from the South Pacific (2) Bruce Portzer/Gary DeBock. (08/15 – 53/01)
X-091 Newfoundland 2013 Short Report – Argentina – Paraguay – Uruguay (4) Chuck Hutton. (09/15 – 53/02)
X-092 August 2015 Rockwork 4 Ocean Cliff DXpedition – South Pacific Signals with Nature's Finest Enhancement (2) Gary DeBock. (09/15 – 53/02)
X-093 August 2015 Rockwork 4 Ocean Cliff DXpedition – Chasing South Pacific Signals with Nature's Finest Enhancement (4) Gary DeBock/Tom Rothlisberger. (10/15 – 53/05)
X-094 DXpedition to Haida Gwaii (3) Walt Salmaniw. (10/15 – 53/08)
X-095 Grayland Report (1) Bruce Portzer. (11/15 – 53/11)
X-096 The 2015 Newfoundland DXpedition (7) John Fisher/Jean Burnell/Chuck Hutton/Jim Renfrew. (01/15 – 53/18)
X-097 Loggings from the Border Inn beverage site, US 6/50 @NV/UT border, Sept 25-28 2015 (13) Tim Hall. (01/16 – 53/19)
X-098 LBI-14/2015 (4) Russ Edmunds. (02/16 – 53/25)
X-099 Grayland DXpedition February 2016/DXpedition loggings from Masset 26 Mar to 3 Apr 2016 (2) Nick Hall-Patch/Walt Salmaniw. (04/16 – 53/28)
X-100 DXpedition Column (6) Mark Durenberger/Mike Shafer/Mark Connelly. (04/10 – 53/28)
X-101 April 2016 Grayland, WA Ultralight DXpedition – Hitting the Beach with a Thrilling Class of Portable DX Chasers (2) Gary DeBock. (05/16 – 53/30)
X-102 Oregon Cliff (Rockwork 4 – July 2016) Ultralight DXpedition (Daily dialog) (3) Gary DeBock. (07/16 – 53/35)
X-103 July 2016 Rockwork 4 Ocean Cliff DXpedition (3) Gary DeBock. (08/16 – 54/01)
X-104 August 2016 Rockwork 4 DXpedition Loggings and MP3's (1) Gary DeBock. (09/16 – 54/03)
X-105 Rockworks 4 Report June 26-27-28, 2016 (3) Chuck Hutton. (09/16 – 54/03)
X-106 Bears Cove Medium Wave Radio DXpedition (2) Allen Willie. (10/16 – 54/04)
X-107 2016 'Listening H2O' Prince Edward Island DXpedition *Murray Harbour North, Prince Edward Island, Canada* (10.2) Bruce Conti. (11/16 – 54/12)
X-108 Grayland DXpedition – 15 and 16 October 2016 (4.3) Chuck Hutton/Bruce Portzer. (12/16 – 54/13)
X-109 Cape Cod Mini-DXpedition – Orleans MA (2.4) Mark Connelly. (01/17 – 54-20)
X-110 DXpedition to Masset BC 5 (3.2) Walter Salmaniw. (01/17 – 54/21)
X-111 Long Beach Island-15 DXpedition (6) Russ Edmunds. (02/17 – 54/22)
X-112 Border Inn Beverage DXpedition part 1 (14.5) Tim Hall. (02/17 – 54/23)
X-113 Border Inn Beverage DXpedition part 2 (6.5) Tim Hall. (02/17 – 54/24)
X-114 DXpedition to Masset 24 – 30 March 2017 (1) Walter Salmaniw. (04/17 – 54/28)
X-115 DXpedition Report from Roy Barstow – Cape Cod MA (1.7) Mark Connelly. (04/17 – 54/29)
X-116 Roy Barstow's Cape Cod DXpedition (0.6) Mark Connelly. (05/27 – 54/30)
X-117 Kona, Hawaii Ultralight DXpedition – The first long-range test of a "Frequent Flyer" FSL Antenna (2) Gary DeBock. (05/27 – 54/30)

X-118 Craig Barnes in the Hawaiian Islands (0.7) Gary DeBock. (05/17 – 54/31)
X-119 Additional PEI loggings (1) Nick Hall-Patch. from 2016 expedition(05/17 – 54/31)
X-120 Masset DXpedition (0.4) Walt Salmaniw. (07/17 – 54/35)
X-121 Oregon Cliff (Rockwork 4) Ultralight (3) Gary DeBock. (08/17 – 55/01)
X-122 DXing at the Rockwork 4 ocean cliff near Manzanita OR (1.6) Gary DeBock. (09/17 – 55/02)
X-123 August 2017 Rockwork 4 Ocean Cliff DXpedition (2.8) Gary DeBock. (09/17 – 55/03)
X-124 Pete Taylor's EuroTrip 2017 (1). (10/17 – 55/07)
X-125 MW loggings from Masset BC (1.2) Walter Salmaniw. (10/17 – 55/07)
X-126 Border Inn DXpedition Partial Report (9.5) Tim Hall. (11/17 – 55/10)
X-127 LBI 16 – 2017 (2.5). (12/17 – 55/13)
X-128 Gary DeBock's Hawaii DXpedition (1). (01/18 – 55/18)
X-129 Gary DeBock's Hawaii DXpedition (top 10) (0.5). (01/18 – 55/19)
X-130 Tim Hall's DXpedition to Cambria CA (0.8). (01/18 – 55/21)
X-131 Pete Taylor's Trip to the Caribbean (0.9). (01/18 – 55/21)
X-132 December 2017 Kona, Hawaii Ultralight DXpedition (2.7) Gary DeBock. (02/18 – 55/23)
X-133 Masset Mini-DXpedition 2 – 5 February, 2018 (0.7) Walter Salmaniw. (02/18 – 55/24)
X-134 Bruce Portzer Caribbean DX (1.5). (02/18 – 55/25)
X-135 Murray Harbour North, PEI DXpedition (8.7) Bruce Conti. (03/18 – 55/26
X-136 Quoddy House and Lubec Bay Cottage DXpedition (4.) Bill Whitacre. (03/18 – 55/27)
X-137 Highlights from Gary DeBock in the Cook Islands (3.2). (05/18 – 55/31 and 55/32)
X-138 Tim Hall's Border Inn DXpedition (22). (06/18 – 55-32)
X-139 Cook Islands DXpedition (0.9) Gary DeBock. (06/18 – 55/33)
X-140 April 2018 Cook Islands Ultralight DXpedition (7.5) Gary DeBock. (06/18 – 55/34)
X-141 Newfoundland 2015 DXpedition (8.9) Chuck Hutton. (09/18 – 56/04)
X-142 Newfoundland 2015 DXpedition (9) Jean Burnell. (10/18 – 56/05)
X-143 Rockworks 2015 DXpedition (1.5) Chuck Hutton. (10/18 – 56/06)
X-144 Long Beach Island DXpedition (4.7) Russ Edmonds/Walter Salmaniw. (11/18 – 56/11)
X-145 Cape Lookout DXpedition (0.7) Guy Atkins. (11/18 – 56/11)
X-146 Border Inn DXpedition (10.2) Tim Hall. (11/18 – 56/12)
X-147 DXpedition to Babier State Park (0.6) Eric Bueneman. (12/18 – 56/13)
X-148 Hawaii DXpedition (1) Gary DeBock. (12/18 – 56/14)
X-149 Newfoundland Logs (0.9) Allen Willie. (12/18 – 56/14)
X-150 Grayland 2018 DXpedition (5.6) Chuck Hutton. (12/18 – 56/15)
X-151 Hawaii Ultralight DXpedition – Exotic and Memorable MP3's (1) Gary DeBock (12/18 – 56/16)
X-152 DXpedition #2 – December 29 2018, Marais Temps Clair Conservation Area, Black Walnut MO (1) Eric Bueneman (NØUIH) (01/19 – 56/18)
X-153 2018 Long Beach Island (LBI) DXpedition (7) various (56/19)
X-154 Latest DXpedition from Masset BC 27 December 2018 to 2 January 2019 (3) Walt Salmaniw (01/19 – 56/19)
X-155 Mini-DXpedition to Sandy Neck Beach (1) Ray Barstow (via IRCA eGroup) (01/19 – 56/20)
X-156 Loggings from Waters Edge – Fleeton VA (3) Bill Whitacre (02/19 – 56/22)
X-157 November 2018 Poipu, Hawaii Ultralight DXpedition (5) Gary DeBock (02/19 – 56/22)
X-158 August 2018 Rockwork Cliff DXpedition – The Grand DXing Tour of Multiple Ocean Cliff Turnoff Sites (3) Gary DeBock (03/19 – 56/27)
X-159 DX at the Breakwater Inn – Grayland WA (1) Nick Hall-Patch. First DXpedition at the renamed and now renovated Grayland Motel, under new ownership. (04/19 – 56/29)
X-160 DXpedition #3 – Sioux Passage County Park near Florissant MO (1) Eric Bueneman (NØUIH) (06/19 – 56/32)
X-161 DX at Menauhant Beach on June 16 2019 (1) Roy Barstow (06/19 – 56/34)
X-162 April Hong Kong Ultralight DXpedition (4) Gary DeBock (07/19 – 56/35)
X-163 DX at Menauhant Beach on 6-23-19 (2) Roy Barstow (07/19 – 56/35)
X-164 Australian DXers' June 2019 Rarotonga DXpedition (1) Gary DeBock (07/19 – 56/35)
X-165 EUROPEAN TRIP – MAY 2019 (1) Pete Taylor (07/19 – 56/35)
X-166 AM DX at Menauhant beach – Falmouth MA (4) Roy Barstow (08/19 – 57/01)
X-167 Baltic Cruise DX (1) Bruce Portzer (08/19 –57/01)
X-168 August 2019 Rockwork Cliff DXpedition (3) Gary DeBock (08/19 –57/01)
X-169 July 2019 Grayland DXpedition Report (3) Chuck Hutton/Bruce Portzer (09/19 – 57/02)
X-170 My final log report from the North Atlantic (2) Walter Salmaniw (09/19 – 57/03)
X-171 DXpedition #4 – Marais Temps Clair Conservation Area, Black Walnut MO (1) Eric Bueneman (09/19 – 57/03)
X-172 DXpedition #5 – Sioux Passage County Park near Florissant MO (1) Eric Bueneman (NØUIH) (09/19 – 57/04)
X-173 Menauhant Beach DX 09/19/2019 (1) Roy Barstow (09/19 – 57/05)
X-174 DXpedition #6 – Lincoln Shields Recreation Area, West Alton MO (1) Eric Bueneman (NØUIH) (10/19 – 57/06)
X-175 October 2018 Border Inn DXpedition (final report) (24) Tim Hall (10/19 – 57/06)
X-176 Menauhant Beach DX 10/08/19 (1) Roy Barstow (10/19 – 57/07)
X-177 DXpedition to Masset BC 7-11 October 2019 (2) Walt Salmaniw (10/19 – 57/08)
X-178 DXpedition #7 – James S McDonnell County Park near Saint Ann MO (1) Eric Bueneman (NØUIH) (10/19 – 57/08)
X-179 DXpedition #8 – Creve Coeur County Park, Maryland Heights MO (1) Eric Bueneman (NØUIH) (11/19 – 57/09)
X-180 Sandy Neck Beach DX 10/19-20/19 (1) Roy Barstow (11/19 – 57/09)
X-181 August 2019 Rockwork Cliff DXpedition Loggings and MP3s (2) Gary DeBock (11/19 – 57/10)
X-182 Grayland September 2019 DXpedition (first report) (15) Chuck Hutton (11/19 – 57/10)
X-183 Sandy Neck Beach DX 11/02-03/19 (2) Roy Barstow (11/19 – 57/11)
X-184 DXpedition #9 – Pere Marquette State Park near Grafton IL (0.7) Eric Bueneman (NØUIH) (11/19 – 57/12)
X-185 Menauhant Beach DX (11/11/19)/DX Last Night at Sandy Neck Beach (11/16/19) (1) Roy Barstow (11/19 – 57/12)
X-186 Menauhant Beach Falmouth, MA 11/19/19/ Menauhant Beach DX 11/21-22/2019 (1) Roy Barstow (11/19 – 57/13)
X-187 Listening Waters 2019 DXpedition – Murray Harbor North, PEI (10) (11/19 – 57/13)
X-188 DX at Sandy Neck Beach, Barnstable MA 11/23-24/19 (1) Roy Barstow (12/19 – 57/14)
X-189 DXpedition #10 – Babler State Park, Wildwood MO (1) Eric Bueneman (NØUIH) (12/19 – 57/14)
X-190 Chatham Light House, Chatham MW DX (1) Roy Barstow (12/19 – 57/15)
X-191 Tim Hall's October 2019 Border Inn DXpedition (preliminary report) (16) (12/19 – 57/16)
X-192 Sandy Neck Beach DX 12/07-08/19 (1) Roy Barstow (12/19 – 57/16)
X-193 Sandy Neck Beach DX 12/16-17/19 (1) (12/19 – 57/17)
X-194 Grayland – October 8-9 2019 (2) Bruce Portzer (01/20 – 57/18)
X-195 Menauhant Beach DX 12/24-25/19 (1) Roy Barstow (01/20 – 5/19)
X-196 The Best DXing since the Last Solar Minimum: Masset December 26 2019-January 03 2020 (7) Walt Salmaniw (01/20 – 57/19)
X-197 Good DX at Sandy Neck Beach in Barnstable MA 12/25/19 (2) Roy Barstow (01/20 – 57/20)
X-198 Sandy Neck Beach DX 01/06-07/20 (1) Roy Barstow (01/20 – 57/21) and (01/20 – 57/22)
X-199 Menauhant Beach DX 01/07/20 (1) Roy Barstow (02/20 – 57/23)

X-200 2019 LBI DXpedition Report (4) via Russ Edmonds (02/20 – 57/24)
X-201 Sandy Neck Beach DX 01/15/20/Menauhant Beach DX 2/12/20 (2) Roy Barstow (02/20 – 57/25)
X-202 Trip to Israel and Jordan (2) Bruce Portzer (02/20 – 57/25)
X-203 Menauhant Beach DX 02/17/20 (0.7) (03/20 – 57/26)
X-204 Mini-DXpedition to Masset BC 20–24 February 2020 (0.9) Walt Salmaniw (03/20 – 57/26)
X-205 October DX in March (1) (03/20 – 57/27)
X-206 Menauhant Beach DX 3/15-16/20/ Sandy Neck Beach DX **3/18-19/20** (2) Roy Barstow (04/20 – 57/28)
X-207 Interesting conditions from the Middle-East that night (3/28), especially towards Saudi Arabia and Iran. (1) Sylvain Naud (04/20 – 57/28)
X-208 Recent report from Allen Willie in Newfoundland (via Mark Connelly) (2) (04/20 – 57/28)
X-209 November 2019 Hawaii Ultralight DXpedition – Thrilling Ocean-enhanced Long Range Propagation (5) Gary DeBock (05/20 – 57/29)
X-210 Spring Time at Sandy Neck Beach (2) Roy Barstow (05/20 – 57/29)
X-211 Sandy Neck Beach DX 4/11-12/20/ Sandy Neck Beach DX 4/23-24/20 (2) Roy Barstow (05/20 – 57/30)
X-212 South Cape Beach - Mashpee MA. DX 4/25-26/20/ Sandy Neck Beach DX 4/28-29/20 (1) Roy Barstow (05/20 – 57/31)
X-213 NOVEMBER 2017 NEWFOUNDLAND DXPEDITION LOGS (11) (from Chuck Hutton) (05/20 – 57/32)
X-214 Sandy Neck Beach DX 05/04/20/South Cape Beach – Mashpee MA 5/12-13/20/DX from South Cape Beach, Mashpee MA (1) Roy Barstow (05/20 – 57/32)
X-215 DX from South Cape Beach, Mashpee MA 7/26/20 to 04/10/21 (3) Roy Barstow (CLIPS refer to audio samples found in IRCA's groups.io list)
X-216 Menauhant Beach DX, East Falmouth, MA 09/27/20 to 05/15/21/ (4) Roy Barstow (CLIPS refer to audio samples found in IRCA's groups.io list)
X-217 Sandy Neck Beach DX, Barnstable, MA 08/19/20 to 05/18/21(19) Roy Barstow (CLIPS refer to audio samples found in IRCA's groups.io list)
X-218 DXpeditions #15 through #19 (4) Eric Bueneman (NØUIH) DXing at various sites around St. Louis, MO
X-219 Tim Hall's October 2019 Border Inn DXpedition (final report) (36) (9/20 -58/03)
X-220 August 2020 Rockwork Ocean Cliff DXpedition (4) Gary DeBock (9/20 – 58/04)
X-221 Recent Trans-Atlantic Medium Wave (AM) Radio Logs from Carbonear, Newfoundland (2) Allen Willie (10/20 – 58/06)
X-222 October 2020 Rockwork Ocean Cliff DXpedition (6) Gary DeBock (12/20 – 58/17)
X-223 Masset DX from 13 to 25 October 2020 (2) Walter Salmaniw (10/20 - 58/10)
X-224 Tim Hall's October-November 2020 Border Inn DXpedition (final report) (42) (10/21 – 59/08) (UPDATED)
X-225 DX at Chatham Light House, Chatham, MA, 12/30/20 to 1/11/21 (3) Roy Barstow (CLIPS refer to audio samples found in IRCA's groups.io list)
X-226 Masset DXpedition December 27 2020 – January 3 2021 (3) Walter Salmaniw (01/21 58/20)
X-227 Report from Lilongwe, Malawi, Dec 2020 (1) Nick Hall-Patch (01/21 58/21)
X-228 A Few Grayland Loggings, Feb. 25th, 2021 (1) Guy Atkins (03/21 58/27)
X-229 Rockwork 2 Portable DU's for 03/03/21 (1) Gary DeBock (03/21 58/28)
X-230 Quoddy Head Log for 10/19/08 – 10/26/08 DXpedition (26) Dallas Lankford. Includes a description of the site and of various antenna experiments.
X-231 Quoddy Head 2011 DXpedition (9) Dallas Lankford. Also a report on experiments with different antennas.
X-232 Sandy Neck Beach DX, Barnstable, MA 06/13/21 to 12/10/21(11) Roy Barstow (CLIPS refer to audio samples found in IRCA's groups.io list)
X-233 Menauhant Beach DX, East Falmouth, MA 06/17/21 to 11/10/21/ (5) Roy Barstow (CLIPS refer to audio samples found in IRCA's groups.io list)
X-234 DXpeditions #20 through #26 (8) Eric Bueneman (NØUIH) DXing at various sites around St. Louis, MO
X-235 March 2021 South American Ultralight DXpedition by Martin Butera (2) via Gary DeBock (8/14 59/01)
X-236 Walter Salmaniw Masset DX, September and October 2021 (1) Walt Salmaniw (10/30 59/09)
X-237 Rockworks DXpedition Aug 2-6, 2021 (10) Gary DeBock, Tom Rothlisberger, Jeroen Bet, Chuck Hutton, Bruce Portzer
X-238 Rockwork 2 Portable TP's for 10/12 - 10/18, 2021 (1) Gary DeBock (10/30 59/09)
X-239 Grayland – October 27, 2021 (1) Guy Atkins (11/06 59/10)
X-240 Grayland 21 – 29 September 2021 – 01 October 2021 (7) Chuck Hutton, Bruce Portzer, Jeroen Bet, Tom Rothlisberger (11/27 59/13)
X-241 Tim Hall's October-November 2021 Border Inn DXpedition (preliminary report, from initial 30-day review of recordings) (11) Tim Hall (12/18 59/16)
X-242 Menauhant Beach DX, East Falmouth, MA 02/02/22 to 06/04/22/ (6) Roy Barstow (CLIPS refer to audio samples found in IRCA's groups.io list)
X-243 Sandy Neck Beach DX, Barnstable, MA 12/10/21 to 05/05/22 (7) Roy Barstow (CLIPS refer to audio samples found in IRCA's groups.io list)
X-244 Chatham Lighthouse Beach DX 04/14-15/22 (1) Roy Barstow (CLIPS refer to audio samples found in IRCA's groups.io list)
X-245 DXpedition to Gabriola Island, BC, 05/13/22 (1) Nick Hall-Patch. (06/11 59/24).
X-246 DXpeditions in a Metropolitan Area (2) Eric Bueneman (NØUIH). Techniques for setting up a DXpedition in an urban area are described. (04/23 59/32)
X-247 Remote Florida DXing Sites (2) Terry L Krueger. Sites in Florida suitable for DXing, many with other attractions available. Some suitable only for daytime, however, but with Cuba nearby. (02/26, 59/26)
X-248 DX 12/14/21 at Fort Hill-Eastham-Cape Cod (1) Roy Barstow. (CLIPS refer to audio samples found in IRCA's groups.io list) (01/08, 59/19)
X-249 A small DXpedition to Costa Rica (1) Gregory Hall. Listening from Tortuguero on the Caribbean coast and Osa Peninsula in the SW corner of the country. (01/15 59/20)
X-250 January 18-21 Rockwork 4 DU-DX Summary (1) Gary DeBock. (01/29, 59/22)
X-251 The Grayland DXpedition of 1997 (15) Jean Burnell. A report from six DXers listening from two locations at Grayland, Washington in June 1997. (NEW)
X-252 Trans-Atlantic Medium Wave (AM) Radio Logs (3) Allen Willie. June 2022 receptions from Carbonear, Newfoundland and Labrador. (07/22, 59/35) (NEW)
X-253 Grayland July 2022 DXpedition report (6) Jeroen Bet, Chuck Hutton, Bruce Portzer (09/22, 60/04). (NEW)
X-254 Rarotonga DXpedition 3rd – 10th September 2022 (3) Chris Rogers, Dave Headland (09/22, 60/05). (NEW)
X-255 A fantastic X-band morning (2) Walter Salmaniw. Exceptional December DU conditions from Masset, BC, Canada. (12/22, 60/15&17) (NEW)
X-256 Initial Report from Newfoundland October 16-31 (12) James Renfrew (01/23, 60/20). (NEW)
X-257 Grayland DXpedition, October 11, 12, 13 2022 (9) Chuck Hutton, Jeroen Bet, Bruce Portzer, Tom Rothlisberger (01-3/23, 60/23-8). (NEW)
X-258 Grayland Loggings – March 17, 2023 (1) Guy Atkins (04/23, 60/31). (NEW)
X-259 Grayland DXpedition 17-19 February 2023 (1) Nick Hall-Patch (04/23, 60/31). (NEW)
X-260 Grayland DX Report, July 27 28 29 30, 2023 (4) Chuck Hutton, Jeroen Bet, Bruce Portzer (09/23, 61/01-4). (NEW)
X-261 DXing at Kreeftebaai, north of Cape Town, South Africa, with local DXer Vince Stevens (2) Nick Hall-Patch (09/23, 61/03). (NEW)
X-262 Newfoundland DXpedition 2023 (1) Jean Burnell (03/24, 61/30). (NEW)
X-263 Tim Hall's October 2023 Border Inn DXpedition (preliminary report) (28) Tim Hall (12/23, 61/17). (NEW)
X-264 An International MW DXpedition to Grayland June 2023 (5) Tom Rothlisberger. Fine summer solstice DXing conditions enjoyed by Japanese, Canadian and American DXers. (01/24, 61/23) (NEW)
X-265 Grayland DXpedition March 13-14 2024 (2) Guy Atkins (03/24, 61/30). (NEW)
X-266 DXpeditions #27 through #31 (5) Eric Bueneman (NØUIH) DXing at various sites around St. Louis, MO during 2022 and 2023. (NEW)
X-267 Menauhant Beach DX, East Falmouth, MA 06/07/22 to 12/31/22/ (14) Roy Barstow (CLIPS refer to audio samples found in IRCA's groups.io list) (NEW)
X-268 Sandy Neck Beach DX, Barnstable, MA 08/14/22 to 12/20/22 (7) Roy Barstow (CLIPS refer to audio samples found in IRCA's groups.io list) (NEW)
X-269 DX from South Cape Beach, Mashpee MA 09/23/22 to 12/10/22 (3) Roy Barstow (CLIPS refer to audio samples found in IRCA's groups.io list) (NEW)
X-270 Menauhant Beach DX, East Falmouth, MA 01/07/23 to 05/04/24/ (14) Roy Barstow (CLIPS refer to audio samples found in IRCA's groups.io list) (NEW)
X-271 Sandy Neck Beach DX, Barnstable, MA 01/27/23 to 04/10/24 (7) Roy Barstow (CLIPS refer to audio samples found in IRCA's groups.io list) (NEW)
X-272 DX from South Cape Beach, Mashpee MA 10/3-4/23 (1) Roy Barstow (CLIPS refer to audio samples found in IRCA's groups.io list) (NEW)
X-273 Tim Hall's October-November 2021 Border Inn DXpedition (41) Tim Hall. Far more detailed version of X-241. (10/22, 60/08) (NEW)
X-274 Rockwork DXpedition 2023 (6) Tom Rothlisberger; Gary DeBock (08/23, 61/01). (NEW)
X-275 Rockwork DXpedition August, 2022 (7) Tom Rothlisberger; Gary DeBock (08/22, 60/01-03). (NEW)

X-276 Rockwork DXpedition June 2015 (5) Tom Rothlisberger. Another look at X-089. (NEW)
X-277 Rockwork DXpedition August 2015 (5) Tom Rothlisberger. Another look at X-092 and X-093. (NEW)
X-278 Grayland DXpedition Results Oct 10-11 2015 (4) Tom Rothlisberger. More from X-095 DXpedtions (NEW)
X-279 The Rockwork International Medium Wave DXpedition July 09 - 11, 2016 (6) Tom Rothlisberger. See also X-102 and X-103. (NEW)
X-280 Grayland DXpedition Results October 2016 (7) Tom Rothlisberger. An addition to X-108 (NEW)
X-281 "Rockwork 4" Medium Wave Results Aug 02-Aug 07 2017 (7) Tom Rothlisberger. Accompanying the reports at X-121 , X-122 and X-123 (NEW)
X-282 Grayland DXpedition Results October 2018 (7) Tom Rothlisberger. Further to X-150 . (NEW)
X-283 Rockwork DXpedition 2019 (7) Tom Rothlisberger. To accompany X-168 and X-181 . (NEW)
X-284 Grayland DXpedition 2019 (IRCA) (9) Tom Rothlisberger. Another look at X-182 . (NEW)
X-285 Rockwork DXpedition 2020 (8) Tom Rothlisberger. Further to X-220 . (NEW)
X-286 Grayland DXpedition 2020 (9) Tom Rothlisberger. (NEW)
X-287 Rockwork DXpedition 2021 (9) Tom Rothlisberger. See also X-237 . (NEW)
X-288 Grayland DXpedition Sep/Oct 2021 (7) Tom Rothlisberger. An addition to X-240 . (NEW)
X-289 Rockwork DXpedition 2021 II (5) Tom Rothlisberger. A further look at X-238 . (NEW)
X-290 Grayland DXpedition October 2022 (9) Tom Rothlisberger. To accompany X-257. (NEW)

(Many more MW DXpeditions may be found at **http://realmonitor.com/DXp/** where you'll find a 'homepage' that includes just Grayland, Lubec and Bay House [near Reedville VA]. Older and non-recurring trips are here: **http://realmonitor.com/other_DXp/** Perhaps a better landing spot would be **http://receivethis.com**. It's about as close as I've got to a starting point for my own radio hobby links.
Bill Whitacre, Alexandria VA)

For an extensive collection of Newfoundland DXpedition reports, see **https://realdx.online/** , and for more worldwide DXpeditions, go to **http://www.dxing.info/dxpeditions/**