

The RAC Audio-Visual Library

Order # 1001 - What is Amateur Radio?

Amateur Radio - A Vital Resource (Produced by RAC) Broad coverage of the public service communications aspects of amateur radio in Canada. (28 min)

New World of Amateur Radio (Produced by ARRL) Fast paced introduction to amateur radio. Hosted by Roy Neal - K6DUE. (28.5 min)

Courage in the North (Produced by Courage Center) An amateur radio camp in Minnesota where people with physical disabilities and sensory impairments experience ham radio and earn their licenses. (10 min)

Sharing Amateur Radio with Handi-Hams (Produced by Courage Center) Some suggestions on interacting with disabled amateur radio operators (10.5 min)

Order # 1002 - Emergency Communications

Amateur Radio - A Vital Resource (Produced by RAC) Broad coverage of the public service communications aspects of amateur radio in Canada. (28 min)

When Disaster Strikes (Produced by ARRL and Martinez CA Police Dept) This program discusses the ever-changing role of amateur radio in public safety service leading into the 21st century (25 min)

At Any Moment An overview of amateur radio disaster preparedness. An introduction to the Amateur Radio Emergency Service (ARES) and the National Traffic System (NTS) (14 min)

Last Voice from Kuwait (Produced by Frank Moore - WAIURA and WANE-TV) Describes the heroic effort to maintain amateur radio communications out of Kuwait during the Gulf War (25 min)

Order # 1003 - Newer Modes

Packet Radio (Produced by the Tucson Amateur Packet Radio organization) Basics on packet radio. Narrated by Peter Eaton - WB9FLW. (30 min)

What Are Those Crazy Sounding Signals Saying? (Hosted by Ernest Austin - W7AXJ) A demonstration of digital communication modes - Morse, Packet, RTTY and AMTOR (20 min)

Satellite Communications (Hosted by Clare Fowler - VE3NPC) A good overview of the subject including history, currently available satellites and modes, and some suggestions on getting started (60 min)

Order # 1004 - DXpeditions I

Fastnet Force Seven (Produced by Frank O'Brien - EI2GS) DXpedition to Fastnet Rock off the southern coast of Ireland (60 min)

The AH1A Saga: Howland Island DXpedition (Produced by Walt Stinson - W0CP) Amateurs operate from one of the most wanted DX countries in the mid-Pacific. (48 min)

Order # 1005 - Amateur Radio History I

The Trans-Atlantic Tests and Station IBCG (produced by Antique Wireless Association) Re-live the 1921 Trans-Atlantic tests through a slide show and commentary on video (28 min)

An American Inventor - Major Edwin Howard Armstrong (Produced by Antique Wireless Association) A slide show and commentary on video, including a rare voice recording of the inventor of the regenerative, super-regenerative, and super-heterodyne circuits, frequency modulation and fm multiplex (50 min)

Order # 1006 - Amateur Radio History II

Spark Gap (Produced by Antique Wireless Association) A brief history and interesting desktop demonstration of early wireless communication by a veteran US Coast Guard operator (60 min)

1935 Tour of ARRL Headquarters (Produced by Bob Anderson, K1TVF) A historical silent movie recently narrated by retired ARRL staffer George Hart, W1NJM (15 min)

Order # 1007 - Contesting I

Winning on the Hill (Produced by Victor Gauvin - K1JUL) Recounts what it took to pull together the N2WK (Rochester, NY) high-scoring multi-operator contest team for the 1991 VHF QSO Party (60 min)

Field Day Fever (Produced by Paul Clampit - K5TCK) Light-hearted look at this popular activity (25 min)

Order # 1008 - Antennas I

All You Wanted to Know About Antennas (Hosted by Frank Rutter, K3AW (SK) Very informative demonstration of dozens of different antenna designs using a desktop antenna range (68.5 min)

Antenna Support Considerations (Produced by RAC) A brief video suitable for presentation to municipal authorities and neighbours in support of a submission for tower approval (8 min)

Order # 1009 - Space Communications

Ham Radio in Space (Produced by ARRL) An overview of amateur radio's history in space - from satellites to the space shuttles and beyond. Suitable for all ages (30.5 min)

SAREX Space Shuttle Mission STS-51F Astronaut Tony England, W0ORE recounts his involvement aboard the Challenger, as the second astronaut to operate amateur radio in space (18 min)

SAREX Canadian Experience (RAC) Includes footage from Maple Grove Education Centre in Nova Scotia and student conversations with Dr Bob Thirsk, VE3CSA (12 min)

RAC Audio-Visual Library Tape Series

The initial series includes nine VHS cassette tapes, each containing from two to four related programs totaling over an hour, from Canadian and international sources.

RAC offers these tapes solely on a purchase basis. Permanently keeping the tapes allows clubs and

individuals to view the programs whenever needed, including those last-minute club program substitutions.

Tapes are \$17.50 each or \$15.75 each in quantity five or more, plus tax (Shipping prepaid in Canada, within one week, if tapes are in stock). Please allow sufficient time for delivery by *Canada Post*.

Order from RAC Headquarters Tel (613) 244-4367
Or Fax (613) 244-4369 giving credit card information.

Or order by mail with enclosed cheque to:

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Acknowledgements

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- the various authors and volunteers who created the material, and to
- Brian Smith - VE3DHS of BSTRax Productions for tape editing and production.

Do you have video material?

If you have suitable video on Canadian amateur radio activities (ARES, Contesting, Canadian DXpeditions, Historical, Antennas, etc) which we can add to new video programs, please contact us at

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About Radio Amateurs of Canada

Radio Amateurs of Canada (RAC) is the national amateur radio society for Canada.

RAC was organized:

- for the promotion of Amateur Radio communication and experimentation,
- for the establishment of amateur radio networks capable of providing emergency communications in the event of disaster, and
- for the representation of Canadian radio amateurs to Industry Canada and other government agencies, and internationally as the Canadian member society in the International Amateur Radio Union.

RAC is incorporated as a non-share capital non-profit corporation under the Canada Corporations Act - Part Two, and is governed by a seven person elected Board of Directors, each Director representing a geographic region of the country. The Executive Officers are elected by majority vote of the Board of Directors, and are not on the Board. Although the only essential qualification for RAC membership is a genuine interest in Amateur Radio, full voting membership is granted only to licensed amateurs.

Membership in RAC includes a subscription to *The Canadian Amateur* magazine. Address membership inquiries and general correspondence to:

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