

SUMMARY OF MATERIALS FOR EACH MINI CLASS

Purpose of this List

This list was prepared to make it easier for those organizing the event to assemble packages of printed material for each mini class mentor and to arrange for other materials.

General Material for Mentors and Event Supplies

Mentor Pre Event Briefing	General Instructions for Mentors Merit badge Requirement Checklist (print side-by-side on 11 X 17)
General Supplies	Merit badge pamphlet Pencils Paper

List by Mini Class

General Introduction

Mini class guide	General Introduction
Merit badge pamphlet pages	none
Handouts for scouts	The Plan for Today Merit Badge Requirement Checklist (page 1 only)
Other	Pencils for scouts to use

General Radio Information

Mini class guide	General Radio Information
Merit badge pamphlet pages	11, 14, 16-19, and 42
Handouts for scouts	Radio Station Callsigns
Other	8.5 X 11 paper

Radio Safety

Mini class guide	Radio Safety
Merit badge pamphlet pages	Safety Demo/Discussion/Visual Aide sheet 17 and 30-31
Handouts for scouts	none
Other	115 V zip cord with plug/bare wires

Radio Frequencies

Mini class guide	Radio Frequencies and Propagation
Merit badge pamphlet pages	16-19
Handouts for scouts	None
Other	Icom band chart 20-ft of rope Meter stick, 11 X 17 paper 8.5 X 11 paper

Propagation of Radio Waves

Mini class guide	Propagation of Radio Waves
Merit badge pamphlet pages	12-15 and 39
Handouts for scouts	Radio Wave Propagation WWV and WWVH Broadcast Stations Sending Information with Radio Waves
Other	Icom band chart URFMS repeater map, Cell phone (or FRS radio, GPS unit) 8.5 X 11 paper

Electronic Parts and Symbols

Mini class guide	Electronic Parts and Symbols
Merit badge pamphlet pages	20-29
Handouts for scouts	Block and Schematic Diagrams Schematic Symbols for Electronic Parts
Other	Demonstration board with spare parts Box of mixed electronic parts Electronic boards with variety of parts on them 8.5 X 11 paper

Amateur Radio Licenses

Mini class guide	Amateur Radio Licenses
Merit badge pamphlet pages	39-42
Handouts	The Amateur Radio Licenses
Other	Icom band chart Now You're Talking book and/or other test books 8.5 X 11 paper

Ham Radio Station Visit

Mini class guide	Ham Radio Station Visit
Merit badge pamphlet pages	none
Handouts for scouts	WWV and WWVH Broadcast Stations Stations: HF, VHF, HT, and mobile
Other	Accessories: CW key, UTC clock, headphones Logbook ARRL Operating Manual and ARRL Handbook FCC regulations Icom band chart

Preparing to Talk on the Radio

Mini class guide	Preparing to Talk on the Radio
Merit badge pamphlet pages	44-49
Handouts for scouts	Radio Contact Procedures Q Signals RST System Phonetics UTC Conversion Chart Logging Contacts
Other	World time circle Two FRS radios with spare batteries 8.5 X 11 paper

Radio Contact

Mini class guide	Radio Contact
Merit badge pamphlet pages	none
Handouts for scouts	none (scouts will have handouts from previous classes)
Other	none

Radio Contact Home Station

Mini class guide	Radio Contact Procedures for Home Stations
Merit badge pamphlet pages	None
Handouts for reference only	The Plan for Today Radio Contact Procedures Q Signals RST System Phonetics UTC Conversion Chart Logging Contacts Merit Badge Requirements Checklist

Amateur Radio Equipment and Procedures

Mini class guide	Amateur Radio Equipment and Procedures
Merit badge pamphlet pages	44-51
Handouts for scouts	none (scouts will have from previous classes)
Other	8.5 X 11 paper