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

### **Radio Frequencies**

Mini class guide Merit badge pamphlet pages Handouts for scouts Other	Radio Frequencies and Propagation 16-19 None 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 Merit badge pamphlet pages Handouts for scouts	Propagation of Radio Waves 12-15 and 39 Radio Wave Propagation
Other	WWV and WWVH Broadcast Stations Sending Information with Radio Waves Icom band chart
	URFMS repeater map, Cell phone (or FRS radio, GPS unit) 8.5 X 11 paper

## **Electronic Parts and Symbols**

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## **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 Merit badge pamphlet pages Handouts for scouts Other	Ham Radio Station Visit none WWV and WWVH Broadcast Stations Stations: HF, VHF, HT, and mobile 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 Merit badge pamphlet pages Handouts for scouts	Preparing to Talk on the Radio 44-49 Radio Contact Procedures Q Signals RST System Phonetics UTC Conversion Chart
Other	Logging Contacts 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 Merit badge pamphlet pages Handouts for reference only	Radio Contact Procedures for Home Stations None 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