2010 National Scout Jamboree

Radio Merit Badge

Earn the badge while you are here, about 5 hours.

Each session begins on the hour.

Session 1 Midway Radio MB booth side A ____

Session 2 Midway Radio MB booth side B ____

Session 3a K2BSA Station (Mahone area) req 7, 8 + Amateur Radio option ____

Session 3b Midway Radio MB booth req 7, 8 + Broadcast Radio option ____

Session 3c Midway Radio MB booth req 7, 8 + Shortwave Listening option ____

Name: First_____ Last _____

Jamboree ID number (Off your badge) _____

Jamboree Troop Number _____ Home Troop Number _____

Home address: number & street _____

City: _____State: ____ zip code: _____

SESSION 3c WORKBOOK

Requirement	Date	Initial	Requirement	Date	Initial
7. Visit a radio installation	_____ /	_____	9c2 List freq bands	_____ /	_____
8. Career Opportunities	_____ /	_____	9c3 Compare logs	_____ /	_____
9c1 Listen for four hours	_____ /	_____			

7. Visit a radio installation (an amateur radio station, broadcast station, or public communications center, for example) approved in advance by your counselor. _____

   Discuss what types of equipment you saw in use, how it was used,

   _____

   _____

   _____

   _____

   _____

   what types of licenses are required to operate and maintain the equipment, _____

   _____

   _____

   and the purpose of the station. _____

   _____

   _____

   _____

8. Find out about three career opportunities in radio. _____

   _____

   _____

   _____

   Pick one _____

   and find out the education, training, and experience required for this profession. _____

   _____

   _____

   _____

   Discuss this with your counselor, and explain why this profession might interest you. _____

   _____

   _____

   _____

9.

Option C. **SHORTWAVE LISTENING**

1. Listen across several shortwave bands for four one-hour periods - at least one period during daylight hours (at the Radio MB booth) and at least one period at night (at the K2BSA station- Mahone area). Log the stations properly. Use note pages in the back of this note book.

   _____

   _____

_____

and locate them geographically on a globe.

2. For several major foreign stations (BBC in Great Britain or HCJB in Ecuador, for example), list several frequency bands used by each. _____

_____

_____

3. Compare your daytime and nighttime logs; _____

_____

_____

_____

_____

note the frequencies on which your selected stations were loudest during each session. _____

_____

_____

Explain the differences in the signal strength from one period to the next.

Log Note pages day time----

Log note pages night--