



**Big Red Bee “BeeLine”  
Configuration Checklist**

**10 January 2010**

## **1. Background**

- 1.1. This document provides a checklist for setting up the Big Red Bee “BeeLine” 70cm radio transmitter when used in combination with an external outout amplifier. It assumes two transmitters are in use and a separate external radio receiver is available.
- 1.2. When using multiple transmitters the they must be set to different frequencies to avoid interference.

## 2. Checklist

### 2.1. Pre-Flight Checklist Beacon 1

Inspect connections: (power off)

Amplifier Antenna	Connected & Tight	<input type="checkbox"/>
Transmitter/Amplifier cable	Connected & Tight	<input type="checkbox"/>
Amplifier Power Connection	Connected	<input type="checkbox"/>
Transmitter Power Connection	Connected	<input type="checkbox"/>
Hardware	Tight	<input type="checkbox"/>

Operate:

On/Off switch(s)	Closed "On"	<input type="checkbox"/>
Radio Antenna	Connected	<input type="checkbox"/>
Radio Receiver	On	<input type="checkbox"/>
Frequency Set	Transmitter Frequency (430 MHz, 440 MHz, 450 MHz)	<input type="checkbox"/>
Message Received	KI6OYC PHONE 714 964 4021	<input type="checkbox"/>

**Note: Morse Code KI6OYC PHONE 714 964 4021**

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**2.2. Pre-Flight Checklist Beacon 2**

**Inspect connections: (Power off)**

Amplifier Antenna	Connected & Tight	<input type="checkbox"/>
Transmitter/Amplifier cable	Connected & Tight	<input type="checkbox"/>
Amplifier Power Connection	Connected	<input type="checkbox"/>
Transmitter Power Connection	Connected	<input type="checkbox"/>
Hardware	Tight	<input type="checkbox"/>

**Operate: (Power On)**

On/Off switch(s)	Closed "On"	<input type="checkbox"/>
Radio Antenna	Connected	<input type="checkbox"/>
Radio Receiver	On	<input type="checkbox"/>
Frequency Set	Transmitter Frequency (430 MHz, 440 MHz, 450 MHz)	<input type="checkbox"/>
Message Received	KI6OYC PHONE 714 964 4021	<input type="checkbox"/>

**Note: Morse Code KI6OYC PHONE 714 964 4021**

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**Range Checks:** (From Launch Position)

	Beacon 1	Beacon 2
0 Miles	<input type="checkbox"/>	<input type="checkbox"/>
½ Mile:	<input type="checkbox"/>	<input type="checkbox"/>
1 Mile:	<input type="checkbox"/>	<input type="checkbox"/>
1.5 Miles:	<input type="checkbox"/>	<input type="checkbox"/>
2 Miles:	<input type="checkbox"/>	<input type="checkbox"/>
2.5 Miles	<input type="checkbox"/>	<input type="checkbox"/>
3 Mile:	<input type="checkbox"/>	<input type="checkbox"/>
3.5 Mile:	<input type="checkbox"/>	<input type="checkbox"/>
4 Miles:	<input type="checkbox"/>	<input type="checkbox"/>