

**Essex County Fire  
Standard Operating Guideline**

<b>Category: Communications</b>	<b>SOG #</b>	<b>801.00</b>
<b>Issued by: Communications sub-committee</b>	<b>Issued on:</b>	<b>06.08.2011</b>
<b>Revised by:</b>	<b>Revised on:</b>	
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<b>Cross Band Repeaters</b>		

**PURPOSE:**

To provide guidance on the implementation and use of the Cross-Band Repeaters as a required tool of the Incident Management System at the scene of a Fire, Incident, or training exercise; this also is to provide an Interoperable Radio System for on scene use during a Fire, Emergency Incident or Training using the existing portable radio's that each department operates with.

**SCOPE:**

To provide Interoperable and proper operation between VHF and/or UHF fire ground channels and the FutureComm X-Band Repeater enabled to allow the communications patch to be established.

**Goal:**

To provide Essex County Fire Departments with cross band communications through the four (4) designated placed FutureComm. Cross Band Repeaters in the county from Danvers, Amesbury, Georgetown, and Rehab Five.

**Guideline:**

The fire districts each have a UHF and VHF frequencies according to the region that are cross patched together to allow VHF communities and UHF communities to communicate with one another using their existing radios. In order for the system to work properly each department in Essex County will have to have their radios reprogrammed to the proper scheme with the scene portables. The FutureComm X-Band VHF mobile repeater operates in conjunction with a UHF Motorola XLT5000 mobile radio. These two devices provide the communications path required to operate in the cross band mode. The FutureComm VHF channel is fixed on 153.83 and cannot be

changed; therefore it is imperative that the VHF communities the portables radios are selected to and operating on the fire ground channel of 153.830.

For the UHF communities the portable radios are selected to and operating on the fire ground channel of 487.3875

VHF Communities 153.830  
UHF Communities 487.3875

### **Regional Activation:**

We presently have two (2) cross band repeaters in District 5 which are located in Danvers, and Rehab Five.

We presently have two (2) cross band repeaters in District 15 which are located in Amesbury, and Georgetown.

### **District 5:**

On all incidents in Fire District 5, notify Beverly Control to call either:

#### **Chief Kevin Farrell**

Danvers Fire Department 978-774-2424  
Mobile 978-423-1908

#### **Roger Baker**

Rehab Five 978-532-6611  
Mobile 978-833-0143

### **District 15:**

On all incidents in Fire District 15, notify Lawrence Control to call either:

#### **Chief Jonathan Brickett**

Amesbury Fire Department 978-388-1333  
Mobile 978-423-8250

#### **Chief Al Beardsley**

Georgetown Fire Department 978-352-5757  
Mobile 978-967-6763