



**Dixon Ottawa
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DATE: 8-21-2009

FCC NARROWBAND MANDATE INFORMATION

In December of 2004, the FCC ruled that all non-Federal frequencies below 512 MHz must switch to narrowband operation by January 1, 2013 this includes local government and public safety. Currently most of the frequencies that are in this range are wideband. Another important rule that is not commonly known is that on January 1, 2011, no manufacture may produce a radio or pager that is wideband capable for use on 512 MHz or below. Also after January 1, 2011, the FCC will not grant any new licenses for wideband frequencies, or allow expansion of existing wideband frequency systems. They will only grant, and allow expansion of narrowband frequency systems.

What does this mean if you have a wideband frequency?

If you have a wideband frequency, your FCC license will be changed to allow for narrowband operation only. You will then need to have all current radios or pagers changed or reprogrammed for narrowband operation. If a radio or pager is not capable of narrowband it must be taken out of service no later than January 1, 2013.

If you are unsure if your equipment is capable of narrowband please contact Dixon Ottawa Communications and we will be happy to assist you with finding out what equipment is capable of narrowband and what equipment is not. We will also be happy to assist you in making a plan to phase in narrowband for your radio system.

On the next page is a list we have compiled of which radios are narrow band capable and which ones are not. This list is not absolute, but it is close.

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Motorola 12.5 narrow band split capability by model:

This list is unofficial and was not developed by Motorola.

MOST RADIOS BUILT SINCE 1997 SHOULD BE OK.

BASE			PORTABLE	
MTR2000	YES		P1225	YES
QUANTAR	YES		ASTRO, NEW	YES
MSF5000	NO		HT1000	YES
MICOR	NO		VISAR	YES
DESKTRAC	NO		CT150	YES
MTS2000	NO		CT250	YES
			CT450	YES
MOBILE			CP150	YES
ASTRO, NEW	YES		CP200	YES
CDM 750	YES		HT750	YES
CDM1250	YES		HT1250	YES
CDM1550	YES		HT600	NO
M1225	YES		MT1000	NO
<u>MAXTRAC</u>	NO		ASTRO, OLD	NO
MARATRAC	NO		SABER	NO
SPECTRA	NO		MTSX	NO
ASTRO, OLD	NO		GP300	NO
MCS2000		Position 7 of Mod # indicates channel spacing (9 indicating narrow band programmable)	GP350	NO
GM300	NO		SP50	NO
SM50	NO			
SM120	NO		PAGER	
			MINITOR IV	NO
			MINITOR V	YES