

# Europe Survivalist Channels

## PMR 446

### PMR 466 Channel Frequency List (UHF-FM)

This is the primary PMR channel set worldwide. It is for NFM (Narrowband FM) simplex, similar to FRS. Coincidentally, the channels are within part of the UHF ham band in USA/Canada. Coincidentally, the PMR3 channel (446.03125 MHz PMR Survivalist Channel) is equivalent, within about 1 kHz, to the USA/Canada Ham UHF survivalist channel 446.030 MHz FM Simplex.

Channel	Frequency	Mode	Purpose
PMR 1	446.006250 MHz	NFM Simplex TX PL 67.0 Hz	Family/Prepper
PMR 2	446.018750 MHz	NFM Simplex TX PL 67.0 Hz	
PMR 3	446.031250 MHz	NFM Simplex TX PL 67.0 Hz	Survivalist
PMR 4	446.043750 MHz	NFM Simplex TX PL 67.0 Hz	
PMR 5	446.056250 MHz	NFM Simplex TX PL 67.0 Hz	
PMR 6	446.068750 MHz	NFM Simplex TX PL 67.0 Hz	
PMR 7	446.081250 MHz	NFM Simplex TX PL 67.0 Hz	
PMR 8	446.093750 MHz	NFM Simplex TX PL 67.0 Hz	Calling

### PMR 466 uHF DIGITAL VOICE (DMR) and freeband FM

Digital DMR Tier I is 4FSK digital TDMA voice. Users of FM (NFM) also may freeband on these same channels.

Channel	Frequency	Mode	Purpose
PMR 9	446.106250 MHz	DMR Tier I or NFM Simplex TX PL 67.0 Hz	
PMR 10	446.118750 MHz	DMR Tier I or NFM Simplex TX PL 67.0 Hz	
PMR 11	446.131250 MHz	DMR Tier I or NFM Simplex TX PL 67.0 Hz	
PMR 12	446.143750 MHz	DMR Tier I or NFM Simplex TX PL 67.0 Hz	
PMR 13	446.156250 MHz	DMR Tier I or NFM Simplex TX PL 67.0 Hz	Survivalist
PMR 14	446.168750 MHz	DMR Tier I or NFM Simplex TX PL 67.0 Hz	
PMR 15	446.181250 MHz	DMR Tier I or NFM Simplex TX PL 67.0 Hz	
PMR 16	446.193750 MHz	DMR Tier I or NFM Simplex TX PL 67.0 Hz	

### PMR 466 UHF DIGITAL VOICE (FDMA) and freeband FM

Digital dPMR446 is 4FSK digital FDMA voice. Users of FM (NFM) also may freeband on these same channels.

Channel	Frequency	Mode	Purpose
PMRD1	446.103125 MHz	dPMR or NFM Simplex TX PL 67.0 Hz	
PMRD2	446.109375 MHz	dPMR or NFM Simplex TX PL 67.0 Hz	

Channel	Frequency	Mode	Purpose
PMRD3	446.115625 MHz	dPMR or NFM Simplex TX PL 67.0 Hz	Survivalist
PMRD4	446.121875 MHz	dPMR or NFM Simplex TX PL 67.0 Hz	
PMRD5	446.128125 MHz	dPMR or NFM Simplex TX PL 67.0 Hz	
PMRD6	446.134375 MHz	dPMR or NFM Simplex TX PL 67.0 Hz	
PMRD7	446.140625 MHz	dPMR or NFM Simplex TX PL 67.0 Hz	
PMRD8	446.146875 MHz	dPMR or NFM Simplex TX PL 67.0 Hz	
PMRD9	446.153125 MHz	dPMR or NFM Simplex TX PL 67.0 Hz	
PMRD10	446.159375 MHz	dPMR or NFM Simplex TX PL 67.0 Hz	
PMRD11	446.165625 MHz	dPMR or NFM Simplex TX PL 67.0 Hz	
PMRD12	446.171875 MHz	dPMR or NFM Simplex TX PL 67.0 Hz	
PMRD13	446.178125 MHz	dPMR or NFM Simplex TX PL 67.0 Hz	
PMRD14	446.184375 MHz	dPMR or NFM Simplex TX PL 67.0 Hz	
PMRD15	446.190625 MHz	dPMR or NFM Simplex TX PL 67.0 Hz	
PMRD16	446.196875 MHz	dPMR or NFM Simplex TX PL 67.0 Hz	

## FREENET

REENET is a set of European license-free VHF radio channels. It is popular with preppers. Freenet started in Germany and has recently spread to other European countries. It is like VHF CB. The potential distance range is generally more than PMR 446 or UHF CB.

Channel	Frequency	Mode	Purpose
FREENET 1	149.025000 MHz	NFM Simplex	Family/Prepper
FREENET 2	149.037500 MHz	NFM Simplex	Repeater/Remote
FREENET 3	149.050000 MHz	NFM Simplex	Survivalist
FREENET 4	149.087500 MHz	NFM Simplex	
FREENET 5	149.100000 MHz	NFM Simplex	
FREENET 6	149.112500 MHz	NFM Simplex	Repeater/Remote

In some areas, users have built cross-band repeaters between FreeNet and 11 metre FM CB channels or PMR446 channels. Also, some internet-VOIP networks provide remote links similar to repeaters.

## ALPS CHANNEL E (Canal E)

Alps Channel-E is an Emergency Search and Rescue (SAR) radio channel only used in the Alps mountain border region [around Switzerland and France, where Mountain SAR and ski patrols monitor this emergency VHF channel.](#)

Channel	Frequency	Mode	Purpose
CANAL E	161.300000 MHz	FM Simplex PL=123Hz	Survival
Note: Always transmit PL =123 Hz tone on Channel E.			

The emergency radio channel (161.300 MHz) can be used by anyone throughout Switzerland in the event of an emergency, and emergency assistance can be directly requested on this frequency.

"If you wish to use your emergency radio in the Haute-Savoie region or in the Aosta Valley, it must emit a 123.0 Hz tone squelch (PL tone or CTCSS). You will not be able to contact the local rescue services in these areas without tone squelch." [Rega](#) and [KWRO/OCVS](#), are some of the organisations partly responsible for monitoring emergency radio coverage on Channel E (Canal E).

Channel	Frequency	Mode	Purpose
CANAL E	161,300000 MHz	FM Simplex transmit PL=123Hz FM (not NFM)	

## KDR 444 (SRBR 444)

KDR 444 is a license-free set of UHF radio channels mainly active in Sweden and Norway. KDR is similar to FRS, PMR 446, or UHF CB and the potential distance range is about the same. KDR 444 also known as SRBR 444.

Channel	Frequency	Mode	Purpose
KDR 1	444.600000 MHz	FM Simplex	
KDR 2	444.650000 MHz	FM Simplex	
KDR 3	444.800000 MHz	FM Simplex	Survivalist-Prepper
KDR 4	444.825000 MHz	FM Simplex	
KDR 5	444.850000 MHz	FM Simplex	
KDR 6	444.875000 MHz	FM Simplex	
KDR 7	444.925000 MHz	FM Simplex	
KDR 8	444.975000 MHz	FM Simplex	

## Jaktradio (Hunting Radio)

Jaktradio (Hunting Radio) is a popular license-free group of VHF high-band radio channels very active in Sweden, Norway, and Denmark. It is similar to Freenet. The potential distance range with about 4 or 5 Watts FM simplex is about the same as Freenet, Marine VHF, or MURS. Inexpensive HTs (similar in form to PMR) are widely available. Some HTs are configurable for Norway, Sweden, and Denmark channels; other HTs may have only a one- or 2-country channel set. When all the jakt channels listed below are programmed into a conventional dual-band VHF HT or mobile radio, it enables communication with any VHF high-band jaktradio.

SWEDEN Jaktradio			
Channel	Frequency	Mode	Purpose
JAKSV1	155.425 MHz	FM Simplex	Calling Channel
JAKSV2	155.475 MHz	FM Simplex	
JAKSV3	155.500 MHz	FM Simplex	Sweden Survivalist-Prepper
JAKSV4	155.525 MHz	FM Simplex	
JAKSV5	156.000 MHz	FM Simplex	(interoperable with Land Mobile)
JAKSV6	155.400 MHz	FM Simplex	
JAKSV7	155.450 MHz	FM Simplex	
NORWAY Jaktradio			
Channel	Frequency	Mode	Purpose
JAKNO1	143.900 MHz	FM Simplex	Calling Channel
JAKNO2	139.400 MHz	FM Simplex	

<b>NORWAY Jaktradio</b>			
<b>Channel</b>	<b>Frequency</b>	<b>Mode</b>	<b>Purpose</b>
JAKNO3	143.350 MHz	FM Simplex	Norway Survivalist-Prepper
JAKNO4	138.850 MHz	FM Simplex	
JAKNO5	143.250 MHz	FM Simplex	
JAKNO6	138.750 MHz	FM Simplex	

<b>DENMARK Jaktradio</b>			
<b>Channel</b>	<b>Frequency</b>	<b>Mode</b>	<b>Purpose</b>
JAKDK1	164.3500 MHz	FM Simplex	Denmark-Survivalist-Prepper
JAKDK2	154.6625 MHz	FM Simplex	Danish Hunting Club
JAKDK3	171.0500 MHz	FM Simplex	4WD Jeep

## Sweden 69 MHz (4 metre)

Sweden 69 MHz is a license-free set of mid-band VHF radio channels, mainly active in Sweden for base, mobile, or handheld units. With 25 Watts of FM simplex available, there is potential for greater groundwave distance range than a 5Watt 27 MHz AM-FM CB. This is a very attractive new radio service, with the added convenience of better antenna efficiency for a small antenna, combined with good local propagation over water, hills, and mountains.

69SVK1	69.0125 MHz	FM Simplex TX PL=88.5 Hz	
69SVK2	69.0375 MHz	FM Simplex TX PL=88.5 Hz	
69SVK3	69.0625 MHz	FM Simplex TX PL=88.5 Hz	Survivalist-Prepper
69SVK4	69.0875 MHz	FM Simplex TX PL=88.5 Hz	
69SVK5	69.1125 MHz	FM Simplex TX PL=88.5 Hz	
69SVK6	69.1375 MHz	FM Simplex TX PL=88.5 Hz	
69SVK7	69.1625 MHz	FM Simplex TX PL=88.5 Hz	
69SVK8	69.1875 MHz	FM Simplex TX PL=88.5 Hz	Calling Channel

Note: The normal standard is for users to always transmit PL Tone = 88.5 Hz, but other PL Tones may be used for other purposes, or by sub-groups. The use of this 4 metre band by [Public Safety radios in Sweden](#) has been common for many years, and this new 69 Mhz license-free service is in the middle of many other channels in the 68-69 MHz range, providing interoperability with first responders in case of emergency. It is anticipated that most early adopters of 69 MHz will utilize existing public service radio models, but there is potential for future CB-like radios to appear on the market. More info: see [Svenka privatradioklubben Tellus](#) (Swedish Private Radio Club).

The original source of this article is the [RadioMaster Reports blog](#).

Many small inexpensive HTs, such as Baofeng, are sold without suitable default programming. To use these radios, as well as similar Ham radios, it is necessary to either program them manually using the keypad, or to use software to load the desired channel frequencies into the radios.

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