Taylorsville HAMNet

Standard Load Information

Instructions to New Standard Load Users

Introduction

Welcome to the "Standard Load." This is a standard programming sequence designed to make your radio operations faster and easier. It is also designed to give you local control over your own frequencies while somewhat standardizing channels and channel names county-wide.

Underlying Philosophy for This List

Military and EMS personnel know that careful radio programming is essential to successful communications in emergency situations. Good communications in times of crisis can mean the difference between life and death or mitigating property losses.
In addition, in day-to-day operations and in training, having a common set of channel numbers and names will make it much easier for new operators to learn how to navigate the large number of frequencies that might be needed in an emergency situation.

Printed Copies

Many of us are visual learners, so looking at a tiny HT screen may not be enough for some of us. In addition to the pre-programming on our radios, we have created "standard load cards" that operators can carry with their radios or in their wallets. You may want to keep a full-sized printout in your emergency binder with your license, ICS forms, etc.

Standard Load Design and Customization

(See Appendix B for an example of a printed standard load card.)

Green Local Channels

Channels 1-10: Neighborhood, Church, Group, Club, Schools, City, etc. These channels are for ***local groups to assign***. It is ***recommended that local groups work together and agree on a schema and make channel number and name assignments***. By working together you will gain the most benefit from the standard load methodology in that you can, for example, tell your local users, "turn to channel 3" if you want them to access a specific neighborhood frequency. You may want to include listen-only FRS or weather channels. It is completely up to local groups how to organize these first 10 channels. Your group will benefit the most from the standard load methodology if you coordinate locally, and agree on these first ten channels to the extent possible.

11-20 – Alternate repeaters for Salt Lake County: This group of repeaters are stable and are likely to be available during an emergency. Local groups should leave this list as it is since it is possible that some of these repeaters may be used during an emergency situation – so having them pre-programmed, with agreed upon channel numbers county-wide would be beneficial. However, local groups may, if they have compelling reasoning, modify this list.

21-30 – Neighboring Locations: This block should be changed by local groups to fit their needs. Your group consider who you might want to reach outside your immediate area and add those frequencies here.

Red ARES Channels

The ARES Band Plan has been in place for some years. Note also that the digital channels were moved to the end of the list because only a few users will utilize those channels. Review the ARES band plan for details about these frequencies.
http://docs.google.com/viewer?a=v&pid=sites&srcid=c2xjb2FyZXMubmV0fHNsY29hcmVzfGd4OmQwMjFkNzdkMjg0ODQ2MA

Other Channels

Grey National Calling Frequencies
These two simplex frequencies are the standard calling frequencies. They are used for the Wilderness Protocol as well.

Blue Specialty Channels: This is a mixed group of channels used by those who have the equipment designed for these purposes.

Purple Statewide Channels: These channels are special use frequencies that may be assigned at any point during an emergency.

Brown UHP Channels: Self Explanatory. (Listen only.)

Orange Safe Neighborhoods Channels:
These are the coordinated frequencies for each city/township/unincorporated area in the valley. These frequencies are found in each of the Amateur Radio Frequencies Plan for Disasters S.A.F.E. Neighborhoods Program JIT Kits found at each Safe School and at each town/city EOC.
Rules for use of these frequencies:

1. These frequencies are intended for S.A.F.E. Schools and City EOC emergency use.
2. Before operating S.A.F.E. Schools and City EOCs should check in with Net Control (Channel RES_1 Frequency 146.620 -).
3. S.A.F.E. Schools can call their city EOC.
4. City EOCs can call their S.A.F.E. Schools and other city EOCs.

Why All the Blank Rows?

The blank rows are there to give local groups space for programming their own frequencies. Other blank rows are there to allow for on-the-fly programming during an emergency. For example, ARES may need to designate a new frequency that is not on this table as “Hospital 10.” To make things easier for everybody, we can all program into our radios a new HOSP10 frequency without having to delete a frequency. In addition,

some radios have a very limited number of channels and treat unused channels differently when programming. Having the blanks on the color-coded printed card will make it easier to identify where a much-needed space is available.

Appendix A: Requests & Questions (And Answers)

Could you please add 30 or 40 more green channels up front so I can move my "favorite" channels to the front?

Sorry, no…The reason of course is that this is a "standard load." The whole concept is to have a standard set of channel numbers for everybody in the valley for each of the frequencies. This standard load is NOT meant to be a way to make it easier for just one person or one group.

Why not add another 10 or 20 green rows then?

Many operators have HTs with a limited number of memory spaces. So adding more green spaces means dropping some of the standard load off the bottom. It is recommended that you use memory registers for your favorites if your radio supports them. Place your favorites in a personal register so that the standard load has a standard channel numbering schema.

I don't like the repeater list you have in block 11-20 or you didn't list my favorite repeater, or you listed THAT repeater!!!.

Make changes if you feel it is the right thing to do. But please, be honest with yourself and your served agencies. Be sure your reasons for making changes are based on documented data and science rather than politics and opinion. Do what you can as a professional to verify that the repeater you add will have a chance of surviving a major earthquake, blackout, or other event.

Appendix B: Sample Pocket Card

Ch	Receive Freq	Offset	Name	CTCSS	Call Sign	Comment
1	146.940	Minus	TVILLE1	88.5	WR7AAA	Taylorsville CERT-Comm <PRIMARY CHECK IN> (EPwr)
2	146.420	Simplex	TVILLE2	Simp	Simp	Taylorsville CERT-Comm <Simplex Backup>
3	146.880	Minus	SLCC	88.5	KD0J	Taylorsville CERT-Comm <Repeater Backup>
4						Bennion Division Simplex
5						Meadow Brook Division Simplex
6						Valley Regional Division Simplex
7						Westbrook Division Simplex
8						
9						
10	162.550	Simplex	NOAA1			Weather for Salt Lake Area
11	447.900	Minus	Curry1	114.8	WD7SL	Oquirrh Lake Radio Club (EPwr)

12	147.160	Plus	ENSIG1	127.3	K7MLA	(Autopatch, Linked to 147.240)
13	445.100	Simplex	ENSIG2		WB6CDN	IREAN InterMtn Repeater Emrg Amateur Net (EPwr)
14	146.940	Minus	Farn1	88.5	WR7AAA	Fox 13 Tower (EPwr 100 W)
15	448.150	Minus	Farn2	127.3	WA7X	Linked to 53.150 MHz Farnsworth Peak
16	449.150	Minus	Farn3	100.0	K7JL	ARES Backup (EPwr 100W)
17	449.500	Minus	Farn4	100.0	K7JL	ARES Backup (EPwr 100W)
18	147.120	Plus	FarnI	100.0	K7JL	Intertie Link 147.180 Fox 13 Tower (EPwr 500W)
19	447.700	Minus	Fire43	100.0	KF7YXL	South Salt Lake Fire Station 43 (Epwr 200W)
20						
21	146.700	Minus	WVC1	100.0	KD0J	SLCOARE Ensign Peak (EPwr)
22	147.580	Simplex	WVC2	Simp	Simp	West Valley ARC
23	447.700	Minus	SSLC1	100.0	KF7YXL	South Salt Lake Fire Station 43 (Epwr 200W)
24	439.150	Simplex	SSLC2	Simp	Simp	South Salt Lake
25	146.480	Simplex	HOLDAY	Simp	Simp	Holladay
26	145.730	Simplex	WJORD	Simp	Simp	West Jordan
27	147.600	Simplex	MURRAY	Simp	Simp	Murray
28	145.790	Simplex	MIDVALE	Simp	Simp	Midavle
29						
30						
31	146.700	Minus	EOC_1	100.0	KD0J	SLCOARE Ensign Peak (EPwr)
32	448.450	Minus	EOC_2	100.0	K6TUG	SLCOARES <Red Cross> Ensign Peak (EPwr)
33	449.900	Minus	EOC_3	100.0	ARES~	SLCOARES Alternate Message Handling
34	223.940	Minus	EOC_4	100.0	ARES~	SLCOARES SLC ARES Alternate Mobile
35	147.540	Simplex	EOC_5	Simp	Simp	SLCOARES
36	145.530	Simplex	EOC_6	Simp	Simp	SLCOARES
37						
38	145.450	Minus	ERC_1	100.0	WA7UAH	LDS Welfare Sq Butterfield Peak (EPwr 30W)
39	146.960	Minus	ERC_2	100.0	K7MLA	SLCOARES Tactical Net Francis Peak
40	147.020	Plus	ERC_3	100.0	K7MLA	UTCOARES TacNet Autopatch West Mountain
41	448.425	Minus	ERC_4	100.0	WD7SL	SLCOARES Tactical Net Downtown
42	145.690	Simplex	ERC_5	Simp	Simp	MARA Simplex backup SL County
43	145.310	Simplex	ERC_6	Simp	Simp	MARA Simplex backup SL County
44	145.670	Simplex	ERC_7	Simp	Simp	MARA Simplex backup SL County
45						
46	448.875	Minus	ERCLEH	100.0	WB7RPF	ERC Lehi LDS Bishop's Storehouse
47	145.370	Minus	ERCMAG		K7MLA	ERC Magna LDS Bishop's Storehouse
48	147.520	Simplex	ERCSAN	Simp	Simp	ERC Sandy LDS Storehouse
49	449.725	Minus	ERCSLC	151.4	WA7UAH	ERC SLC LDS Storehouse Butterfield Pk (Epwr)
50						
51	447.125	Minus	H+MVH	100.0	K7UCA	Mountain View Hospital UTCOARES (Epwr 120W)

52	447.275	Minus	H+Tmp	100.0	K7UCA	Timpanogos Hospital UTCOARES (Epwr 120W)
53	146.740	Minus	H+UU	114.8	KD7NX	U of U Hospital
54	448.100	Minus	H+UU	114.8	KD7NX	U of U Hospital
55	448.550	Minus	H+WV	100.0	W7IHC	IHC Hospital West Valley (256W)
56						
57	447.250	Minus	HOSP1	100.0	ARES~	SLCOARES IMED Tactical Net
58	146.840	Minus	HOSP2		N7PCE	SLCOARES Jordan Valley Hospital
59	447.025	Minus	HOSP3	100.0	W0HU	SLCOARES (Alternate Message Handling)
60	224.780	Minus	HOSP4	100.0	KDOJ	Jordan Valley Hospital
61	146.420	Simplex	HOSP5	Simp	Simp	SLCOARES (Alternate Message Handling)
62	146.500	Simplex	HOSP6	Simp	Simp	SLCOARES
63	145.190	Minus	HOSP7	123.0	W7IHC	IHC Hospital Little Farnsworth Peak
64	449.850	Minus	HOSP8		WA7FFM	UVRMC Hospital
65	448.400	Minus	HOSP9		W7IHC	IHC Hospital Intermountain Ridge
66						
67	146.620	Minus	RES_1		W7SP	SLCOARES Farnsworth Peak, Link Brighton (EPwr)
68	146.880	Minus	RES_2	88.5	KDOJ	SLCOARES SLCC <PRIMARY CHECK IN>
69	147.460	Simplex	RES_3	Simp	Simp	SLCOARES
70	146.500	Simplex	RES_4	Simp	Simp	SLCOARES
71						
72	146.520	Simplex	NAT146	Simp	Simp	National Calling Frequency
73	446.000	Simplex	NAT446	Simp	Simp	National Calling Frequency
74						
75	144.390	Simplex	APRS	Simp	Simp	National APRS (Simplex)
76	144.990	Simplex	TCPIC	Simp	Simp	TCP/IP Rural Wasatch (Simplex)
77	147.400	Simplex	RACES	Simp	Simp	RACES (Simplex)
78	147.600	Simplex	SLCSIM	Simp	Simp	UDXA (Simplex)
79	447.525	Minus	SLCNWS	107.2	K2NWS	Linked to National Weather Service
80						
81	145.710	Simplex	State1	Simp	Simp	RMRA (Rocky Mt Radio Association) Gateway Freq
82	447.800	Simplex	State2	Simp	Simp	Statewide
83	447.850	Simplex	State3	Simp	Simp	Statewide
84						
85	448.000	Minus	TRAL1	127.3	K7SLC	SLCOARES Portable Repeater
86	145.410	Minus	TRAL2	100.0	W7DES	Non-Protected, Shared, Portable Repeater
87	145.410	Minus	TRAL3		(Shared)	Non-Protected, Shared, Portable Repeater
88	447.175	Minus	TRAL4		W7SAR	Statewide Portable Repeater
89	447.575	Minus	TRAL5		WA7GTU	Statewide Events Portable Repeater
90	449.250	Minus	TRAL6	100.0	W7DES	Non-Protected, Shared, Portable Repeater

91	449.250	Minus	TRAL7		(Shared)	Non-Protected, Shared, Portable Repeater
92						
93	154.905	Simplex	UHP1		Simp	UHP - Salt Lake County
94	155.505	Simplex	UHP2		Simp	UHP - Interagency
95	155.745	Simplex	UHP3		Simp	UHP - Car to Car
96						
97	145.150	Minus	DSTAR1		KO7SLC	IHC Hosp Murray (D-Star Internet) Mod C
98	447.950	Minus	DSTAR2		KO7SLC	IHC Hosp Murray (D-Star Internet) Mod B
99	145.125	Minus	DSTAR3		KF6RAL	D-Star Farnsworth Peak
100	448.075	Minus	DSTAR4		KF6RAL	D-Star Link to Internet Farnsworth Peak
101						
102	145.050	Simplex	PAC1	Simp	Simp	Packet SLCOARES Salt Lake County
103	145.010	Simplex	PAC2	Simp	Simp	Packet SLCOARES Outside SLC
104	144.910	Simplex	PAC3	Simp	Simp	Packet Rural Wasatch Front (AZ 25)
105	144.950	Simplex	PAC4	Simp	Simp	Packet Salt Lake County
106	144.970	Simplex	PAC5	Simp	Simp	Packet Davis County
107	145.030	Simplex	PAC6	Simp	Simp	Packet Utah County
108	145.070	Simplex	PAC7	Simp	Simp	Packet Davis County
109	145.090	Simplex	PAC8	Simp	Simp	Packet Tooele County
110						
111	438.200	Simplex	SAF1		Simp	Alta Town
112	438.150	Simplex	SAF2		Simp	Alta Town (Secondary Frequency)
113	438.150	Simplex	SAF3		Simp	Big Cottonwood (unincorporated)
114	438.100	Simplex	SAF4		Simp	Bluffdale City
115	438.125	Minus	SAF5	100.0		Bluffdale City (Secondary Frequency)
116	438.150	Simplex	SAF6		Simp	Copperton Metro Township
117	145.550	Simplex	SAF7		Simp	Cottonwood Heights City
118	448.050	Minus	SAF8	100.0		Cottonwood Heights City (Secondary Frequency)
119	447.100	Minus	SAF9	100.0		Draper City
120	447.100	Simplex	SAF10		Simp	Draper City (Secondary Frequency)
121	147.500	Simplex	SAF11		Simp	Emigration Metro Canyon
122	448.525	Minus	SAF12	100.0		Emigration Metro Canyon (Secondary Frequency)
123	438.150	Simplex	SAF13		Simp	Granite (unincorporated)
124	449.250	Minus	SAF14	119.0		Herriman City
125	146.460	Simplex	SAF15		Simp	Herriman City (Secondary Frequency)
126	146.480	Simplex	SAF16		Simp	Holladay City
127	146.580	Simplex	SAF17		Simp	Kearns Metro Township
128	146.500	Simplex	SAF18		Simp	Magna Metro Township

129	145.790	Simplex	SAF19		Simp	Midvale City
130	439.200	Simplex	SAF20		Simp	Millcreek City
131	147.600	Simplex	SAF21		Simp	Murray City
132	438.150	Simplex	SAF22		Simp	Parley's Canyon (unincorporated)
133	145.710	Simplex	SAF23		Simp	Riverton City
134	147.500	Simplex	SAF24		Simp	Salt Lake City
135	448.525	Minus	SAF25	100.0		Salt Lake City (Secondary Frequency)
136	438.925	Simplex	SAF26		Simp	Sandy City
137	147.140	Minus	SAF27	127.0		Sandy City (Secondary Frequency)
138	438.925	Simplex	SAF28		Simp	Sandy Hills (unincorporated)
139	147.140	Minus	SAF29	127.0		Sandy Hills (unincorporated) (Secondary Frequency)
140	447.900	Minus	SAF30	115.0		South Jordan City
141	145.510	Simplex	SAF31		Simp	South Jordan City (Secondary Frequency)
142	447.700	Minus	SAF32	100.0		South Salt Lake City
143	439.150	Simplex	SAF33		Simp	South Salt Lake City (Secondary Frequency)
144	438.150	Simplex	SAF34		Simp	Southwest (unincorporated)
145	146.940	Minus	SAF35	88.5		Taylorsville City
146	146.420	Simplex	SAF36		Simp	Taylorsville City (Secondary Frequency)
147	145.730	Simplex	SAF37		Simp	West Jordan City
148	147.580	Simplex	SAF38		Simp	West Valley City (Secondary Frequency)
149	438.925	Simplex	SAF39		Simp	White City Metro Township
150	147.140	Minus	SAF40	127.0		White City Metro Township (Secondary Frequency)
151	438.925	Simplex	SAF41		Simp	Willow Canyon/ (unincorporated)
152	147.140	Minus	SAF42	127.0		Willow Canyon (unincorporated) (Secondary Frequency)
153	438.925	Simplex	SAF43		Simp	Willow Creek (unincorporated)
154	147.140	Minus	SAF44	127.0		Willow Creek (unincorporated) (Secondary Frequency)