

HT programming for the "easy" FM voice amateur satellite

Updated 10/22/2013

✓ SO-50 – please work in full duplex mode!

<i>Ch #</i>	<i>Name</i>	<i>TX Freq</i>	<i>CTCSS</i>	<i>RX Freq</i>	<i>CTCSS</i>
501	50 +4	145.850	67.0	436.815	None
502	50 +3	145.850	67.0	436.810	None
503	50 +2	145.850	67.0	436.805	None
504	50 +1	145.850	67.0	436.800	None
505	50 74	145.850	74.4	436.795	None
506	SO-50	145.850	67.0	436.795	None
507	50 -1	145.850	67.0	436.790	None
508	50 -2	145.850	67.0	436.785	None
509	50 -3	145.850	67.0	436.780	None

SO-50 is a little off-frequency ... that's why you should program more than just two "steps" above its center frequency to receive. Notice the channel with the "74.4" CTCSS tone: If you know the sat is there, but do not hear anyone else, transmit that 74.4 tone to turn on its 10-minute timer!

✓ AO-27 – V/U mode **down** since 1Q 2013 ...

<i>Ch #</i>	<i>Name</i>	<i>TX Freq*</i>	<i>CTCSS*</i>	<i>RX Freq</i>	<i>CTCSS</i>
271	27 +2	145.850	None	436.805	None
272	27 +1	145.850	None	436.800	None
273	AO-27	145.850	None	436.795	None
274	27 -1	145.850	None	436.790	None
275	27 -2	145.850	None	436.785	None

Working AO-27 adds the step of checking its operating schedule to make sure it is in the mode you expect it to be in for your pass. It might come on in V/U mode several minutes into your pass! Link to its schedule is on the SAT SKEDS page at work-sat.com.

✓ AO-51

✓ ARISSat-1

✓ AO-27

✓ ISS

Mission ended 11/29/2011

Mission ended 01/04/2012

V/U mode down since 1Q 2013

Check www.issfanclub.com

Go to <http://www.work-sat.com> for details

Clint Bradford, K6LCS
Jurupa Valley CA US DM13
Email: <mailto:k6lcs@ham-sat.info>

work-sat.com