Configuration Files for Asterisk v.13 and AllStar Link

Having the AllStarLink Radio controller installed and having the Asterisk ver. 13 installed, I needed to configure the two units to make a radio telephone system. I wanted the system to work over a HSMM-MESH network and the configuration files reflect this in as much as the addresses are using Host Names instead of static IP addresses. Changing from Host Name to static IP should be about the only thing needed to use these files over a standard LAN network. These configurations result in a radio telephone system with the following provisions:

- AllStar Node 28174 controls a Yaesu FT-7800R simplex transceiver
- The AllStar Node accepts incoming IAX calls from the WAN or LAN
- The AllStar Node registers SIP Telephones on the LAN
- The AllStar Node is linked with a SIP bridge to the Asterisk v.13 PBX
- The AllStar Node has Auto-Patch and Reverse Auto-Patch to the simplex radio
- The Asterisk v.13 PBX is linked with a SIP bridge to the AllStar Node
- The Asterisk v.13 PBX is registered with http://voip.ms for inbound and outbound calls to the PSTN
- The Dial Plan provides all telephones and radio Auto-Patch outbound calls to the PSTN
- The Dial Plan only provides inbound telephone calls from the PSTN to 1 extension which is a DECT phone cluster
- The Asterisk v.13 PBX is providing Voice Mail to the radio telephone system

The relevant AllStar files are:

- rpt.conf
- iax.conf
- sip.conf
- extensions.conf
- usbradio.conf

The relevant Asterisk ver.13 files are:

- sip.conf
- voicemail.conf
- extensions.conf

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