Variable Config Variable Config Variable Config **Variable Config Variable Config Variable Config Variable Config Variable Config** Variable Config **Variable Config** Id: sdr_Freq_Int Id: deframer CRC16 Bool Id: modulation Baud Rate Int Id: modulatio...nchester Bool Id: deframer G3RUH Bool Id: main_Resu...le_Prefix_Str Id: sdr IF Gain Int Id: sdr BB Gain Int Id: modulation_Type_Int Id: modulatio...ub_Audio_Bool **Default Value:** 40 **Default Value:** 9.6k Default Value: False Default Value: ERROR_PREFIX **Default Value:** 145.935M **Default Value:** False Default Value: False **Default Value:** False Default Value: 40 **Default Value:** 0 Type: String Type: Int Type: Int Type: Int Type: Int Type: Bool Type: Bool Type: Bool Type: Bool Config File: ...aster/default Section: main Section: sdr Section: sdr Section: sdr Section: modulation Section: modulation Section: modulation Section: modulation **Section:** deframer **Section:** deframer **Option:** main_Re...File_Prefix Option: sdr_IF_Gain **Option:** modulation_Type Option: modulat..._Manchester Option: deframer_G3RUH **Option:** deframer_CRC16 Option: sdr Freq Option: sdr BB Gain **Option:** modulation_Baud_Rate Option: modulat...K_Sub_Audio WriteBack: None Variable Config Variable **Variable Config** Variable Config Variable Config Variable Config Variable Config Variable Config Variable Config Receives an updated frequency Id: modulatio...amer_Type_Int Update from GSC through XMLRPC Id: fileNameRes Id: main_LPF_Cutoff_Freq_Int Id: sdr_LNA_Gain_Int Id: modulatio...rier_Freq_Int Id: modulatio...Deviation Int Id: modulatio...erential Bool Id: deframer_...t_Frames_Bool Id: deframer_...Threshold_Int Value: ERROR_PREFIX.dat **Default Value:** 470k **Default Value: 14 Default Value:** 3.6k **Default Value:** -1.2k **Default Value:** True **Default Value:** 0 **Default Value:** False **Default Value:** 4 Type: Int Type: Bool Type: Int Type: Int Type: Int Type: Bool Type: Int Variable Config File: ...aster/default Id: fileNameRaw Section: main Section: sdr Section: modulation Section: modulation Section: modulation Section: modulation Section: deframer **Section:** deframer Value: ERROR_PREFIX.raw Option: main_LPF_Cutoff_Freq Option: sdr LNA Gain Option: modulat...arrier_Freq Option: modulat...K_Deviation Option: modulat...ifferentia **Option:** modulat...framer_Type **Option:** deframer_Short_Frames Option: deframe...d Threshold WriteBack: None Note Note Note Note Note: SDR config Note: Modulation config **Note:** File names config Note: Deframing config Selector Enabled: Enabled File Sink Number of Inputs: 2 osmocom Source Number of Outputs: 1 File: fileNameRaw **Sync:** Unknown PPS Unbuffered: Off Input Index: 0 Number Channels: 1 Virtual Sink Append file: Overwrite Output Index: 0 Low Pass Filter Sample Rate (sps): 480k Stream ID: bpskRaw **Decimation:** 10 DC blocker bypass **Ch0: Frequency (Hz):** 145.935M DC Blocker Selector Gain: 1Selector Ch0: Frequency Correction (ppm): 0 Enabled: Enabled Enabled: Enabled Virtual Sink Length: 32 Sample Rate: 480k Ch0: DC Offset Mode: 0 Cutoff Freq: 470k Stream ID: afskRaw Number of Inputs: Long Form: True Ch0: IQ Balance Mode: 0 **Transition Width:** 1 Number of Outputs: Number of Outputs: Ch0: Gain Mode: False Window: Hamming nput Index: (Input Index: 0 Ch0: RF Gain (dB): 14 Virtual Sink Output Index: 0 **Beta:** 6.76 Output Index: 0 **Ch0: IF Gain (dB):** 40 Stream ID: fskRaw **Ch0: BB Gain (dB):** 40 For debugging purposes Modulation Virtual Sink Stream ID: analogFM **Wav File Source** File: ...ecordings/gomx_1.wav Repeat: Yes Float To Complex Null Source Virtual Source ⊪-----**>**| Stream ID: debug **AO-40 FEC Deframer** Syncword threshold: 4 **Use short frames (SMOG-P):** False Use CRC-16 ARC: False **BPSK Demodulator UDP Sink Baudrate:** 9.6k **Destination IP Address:** 127.0.0....0.1

Variable Config

Id: main Netw...m Address Str

Default Value: 127.0.0.1

Config File: ...aster/default

Option: main_Ne...eam_Address

Type: String

Section: main

Message Debug

WriteBack: None

Variable Config

Id: main Netw...ream Port Int

Config File: ...aster/default

Option: main_Ne...Stream_Port

Default Value: 8.08k

Type: Int

Note

Note: Network config

Section: main

WriteBack: None

Options

Title: Leanspace + GNU Radio

Output Language: Python

Generate Options: No GUI

Run Options: Prompt for Exit

Variable

Id: sampRate

Port: 7.777k

XMLRPC Server

Address: localhost

Doppler compensation

Value: 480k Value: 11k

Variable

Id: freqOffset

