

Signal channel list

JGW-T1201105

2012/6/8

Osamu Miyakawa

Reference: [JGW-T1100689](#)

Ch. No.	Subsystem	Location	Instrument	Signal description	Ch. Name	Card No.	Ch	Whitening	Demodulation	RT PC name	Rack name	Room
	VIS	IX TOP	Pre-Isolator	Geophone sensor for IP, horizontal 1	K1:VIS-IX_F0_GEO_H1_SENS	ADC1	1	1		VIX	IT1	ITM TOP
	VIS	IX TOP	Pre-Isolator	Geophone sensor for IP, horizontal 2	K1:VIS-IX_F0_GEO_H2_SENS	ADC1	2	1		VIX	IT1	ITM TOP
	VIS	IX TOP	Pre-Isolator	Geophone sensor for IP, horizontal 3	K1:VIS-IX_F0_GEO_H3_SENS	ADC1	3	1		VIX	IT1	ITM TOP
	VIS	IX TOP	Pre-Isolator	Geophone sensor for IP, vertical	K1:VIS-IX_F0_GEO_V_SENS	ADC1	4	1		VIX	IT1	ITM TOP
	VIS	IX TOP	Pre-Isolator	LVDT sensor, horizontal 1	K1:VIS-IX_F0_LVDT_H1_SENS	ADC1	5			VIX	IT1	ITM TOP
	VIS	IX TOP	Pre-Isolator	LVDT sensor, horizontal 2	K1:VIS-IX_F0_LVDT_H2_SENS	ADC1	6			VIX	IT1	ITM TOP
	VIS	IX TOP	Pre-Isolator	LVDT sensor, horizontal 3	K1:VIS-IX_F0_LVDT_H3_SENS	ADC1	7			VIX	IT1	ITM TOP
	VIS	IX TOP	Pre-Isolator	LVDT sensor, vertical	K1:VIS-IX_F0_LVDT_V_SENS	ADC1	8			VIX	IT1	ITM TOP
	VIS	IX TOP	Pre-Isolator	LVDT signal for demodulation, horizontal 1	K1:VIS-IX_F0_LVDT_H1_DEMOD	ADC1	9			VIX	IT1	ITM TOP
	VIS	IX TOP	Pre-Isolator	LVDT signal for demodulation, horizontal 2	K1:VIS-IX_F0_LVDT_H2_DEMOD	ADC1	10			VIX	IT1	ITM TOP
	VIS	IX TOP	Pre-Isolator	LVDT signal for demodulation, horizontal 3	K1:VIS-IX_F0_LVDT_H3_DEMOD	ADC1	11			VIX	IT1	ITM TOP
	VIS	IX TOP	Pre-Isolator	LVDT signal for demodulation, vertical	K1:VIS-IX_F0_LVDT_V_DEMOD	ADC1	12			VIX	IT1	ITM TOP
	VIS	IX TOP	Pre-Isolator	LVDT excitation signal, horizontal 1	K1:VIS-IX_F0_LVDT_H1_MOD	DAC1	1			VIX	IT1	ITM TOP
	VIS	IX TOP	Pre-Isolator	LVDT excitation signal, horizontal 2	K1:VIS-IX_F0_LVDT_H2_MOD	DAC1	2			VIX	IT1	ITM TOP
	VIS	IX TOP	Pre-Isolator	LVDT excitation signal, horizontal 3	K1:VIS-IX_F0_LVDT_H3_MOD	DAC1	3			VIX	IT1	ITM TOP
	VIS	IX TOP	Pre-Isolator	LVDT excitation signal, vertical	K1:VIS-IX_F0_LVDT_V_MOD	DAC1	4			VIX	IT1	ITM TOP
	VIS	IX TOP	Pre-Isolator	Coil actuator, horizontal 1	K1:VIS-IX_F0_H1_COIL	DAC1	5		1	VIX	IT1	ITM TOP
	VIS	IX TOP	Pre-Isolator	Coil actuator, horizontal 2	K1:VIS-IX_F0_H2_COIL	DAC1	6		1	VIX	IT1	ITM TOP
	VIS	IX TOP	Pre-Isolator	Coil actuator, horizontal 3	K1:VIS-IX_F0_H3_COIL	DAC1	7		1	VIX	IT1	ITM TOP
	VIS	IX TOP	Pre-Isolator	Coil actuator, vertical	K1:VIS-IX_F0_V_COIL	DAC1	8		1	VIX	IT1	ITM TOP
	VIS	IX TOP	Pre-Isolator	Coil monitor, horizontal 1	K1:VIS-IX_F0_H1_COIL_MON	ADC1	13			VIX	IT1	ITM TOP
	VIS	IX TOP	Pre-Isolator	Coil monitor, horizontal 2	K1:VIS-IX_F0_H2_COIL_MON	ADC1	14			VIX	IT1	ITM TOP
	VIS	IX TOP	Pre-Isolator	Coil monitor, horizontal 3	K1:VIS-IX_F0_H3_COIL_MON	ADC1	15			VIX	IT1	ITM TOP
	VIS	IX TOP	Pre-Isolator	Coil monitor vertical	K1:VIS-IX_F0_V_COIL_MON	ADC1	16			VIX	IT1	ITM TOP
	VIS	IX TOP	GAS1	LVDT sensor, vertical	K1:VIS-IX_F1_LVDT_V_SENS	ADC1	17			VIX	IT1	ITM TOP
	VIS	IX TOP	GAS2	LVDT sensor, vertical	K1:VIS-IX_F2_LVDT_V_SENS	ADC1	18			VIX	IT1	ITM TOP
	VIS	IX TOP	GAS3	LVDT sensor, vertical	K1:VIS-IX_F3_LVDT_V_SENS	ADC1	19			VIX	IT1	ITM TOP
	VIS	IX TOP	BF	LVDT sensor, vertical	K1:VIS-IX_BF_LVDT_V_SENS	ADC1	20			VIX	IT1	ITM TOP
	VIS	IX TOP	GAS1	LVDT signal for demodulation, vertical	K1:VIS-IX_F1_LVDT_V_DEMOD	ADC1	21			VIX	IT1	ITM TOP
	VIS	IX TOP	GAS2	LVDT signal for demodulation, vertical	K1:VIS-IX_F2_LVDT_V_DEMOD	ADC1	22			VIX	IT1	ITM TOP
	VIS	IX TOP	GAS3	LVDT signal for demodulation, vertical	K1:VIS-IX_F3_LVDT_V_DEMOD	ADC1	23			VIX	IT1	ITM TOP
	VIS	IX TOP	BF	LVDT signal for demodulation, vertical	K1:VIS-IX_BF_LVDT_V_DEMOD	ADC1	24			VIX	IT1	ITM TOP
	VIS	IX TOP	GAS1	LVDT excitation signal, vertical	K1:VIS-IX_F1_LVDT_V_MOD	DAC1	9			VIX	IT1	ITM TOP
	VIS	IX TOP	GAS2	LVDT excitation signal, vertical	K1:VIS-IX_F2_LVDT_V_MOD	DAC1	10			VIX	IT1	ITM TOP
	VIS	IX TOP	GAS3	LVDT excitation signal, vertical	K1:VIS-IX_F3_LVDT_V_MOD	DAC1	11			VIX	IT1	ITM TOP
	VIS	IX TOP	BF	LVDT excitation signal, vertical	K1:VIS-IX_BF_LVDT_V_MOD	DAC1	12			VIX	IT1	ITM TOP
	VIS	IX TOP	GAS1	Coil actuator, vertical	K1:VIS-IX_F1_V_COIL	DAC1	13		1	VIX	IT1	ITM TOP
	VIS	IX TOP	GAS2	Coil actuator, vertical	K1:VIS-IX_F2_V_COIL	DAC1	14		1	VIX	IT1	ITM TOP
	VIS	IX TOP	GAS3	Coil actuator, vertical	K1:VIS-IX_F3_V_COIL	DAC1	15		1	VIX	IT1	ITM TOP
	VIS	IX TOP	BF	Coil actuator, vertical	K1:VIS-IX_BF_V_COIL	DAC1	16		1	VIX	IT1	ITM TOP
	VIS	IX TOP	GAS1	Coil monitor vertical	K1:VIS-IX_F1_V_COIL_MON	ADC1	25			VIX	IT1	ITM TOP
	VIS	IX TOP	GAS2	Coil monitor vertical	K1:VIS-IX_F2_V_COIL_MON	ADC1	26			VIX	IT1	ITM TOP
	VIS	IX TOP	GAS3	Coil monitor vertical	K1:VIS-IX_F3_V_COIL_MON	ADC1	27			VIX	IT1	ITM TOP
	VIS	IX TOP	BF	Coil monitor vertical	K1:VIS-IX_BF_V_COIL_MON	ADC1	28			VIX	IT1	ITM TOP
	VIS	IX TOP		spare		ADC1	29			VIX	IT1	ITM TOP
	VIS	IX TOP		spare		ADC1	30			VIX	IT1	ITM TOP
	VIS	IX TOP		spare		ADC1	31			VIX	IT1	ITM TOP
	VIS	IX TOP		spare		ADC1	32			VIX	IT1	ITM TOP
	VIS	IX TOP	IM	OSEM sensor, horizontal 1	K1:VIS-IX_IM_H1_SENS	ADC2	1	1		VIX	IT1	ITM TOP
	VIS	IX TOP	IM	OSEM sensor, horizontal 2	K1:VIS-IX_IM_H2_SENS	ADC2	2	1		VIX	IT1	ITM TOP
	VIS	IX TOP	IM	OSEM sensor, horizontal 3	K1:VIS-IX_IM_H3_SENS	ADC2	3	1		VIX	IT1	ITM TOP
	VIS	IX TOP	IM	OSEM sensor, vertical 1	K1:VIS-IX_IM_V1_SENS	ADC2	4	1		VIX	IT1	ITM TOP
	VIS	IX TOP	IM	OSEM sensor, vertical 2	K1:VIS-IX_IM_V2_SENS	ADC2	5	1		VIX	IT1	ITM TOP
	VIS	IX TOP	IM	OSEM sensor, vertical 3	K1:VIS-IX_IM_V3_SENS	ADC2	6	1		VIX	IT1	ITM TOP
	VIS	IX TOP		spare		ADC2	7			VIX	IT1	ITM TOP
	VIS	IX TOP		spare		ADC2	8			VIX	IT1	ITM TOP
	VIS	IX TOP	IM	OSEM actuator, horizontal 1	K1:VIS-IX_IM_H1_COIL	DAC2	1		1	VIX	IT1	ITM TOP
	VIS	IX TOP	IM	OSEM actuator, horizontal 2	K1:VIS-IX_IM_H2_COIL	DAC2	2		1	VIX	IT1	ITM TOP
	VIS	IX TOP	IM	OSEM actuator, horizontal 3	K1:VIS-IX_IM_H3_COIL	DAC2	3		1	VIX	IT1	ITM TOP
	VIS	IX TOP	IM	OSEM actuator, vertical 1	K1:VIS-IX_IM_V1_COIL	DAC2	4		1	VIX	IT1	ITM TOP
	VIS	IX TOP	IM	OSEM actuator, vertical 2	K1:VIS-IX_IM_V2_COIL	DAC2	5		1	VIX	IT1	ITM TOP
	VIS	IX TOP	IM	OSEM actuator, vertical 3	K1:VIS-IX_IM_V3_COIL	DAC2	6		1	VIX	IT1	ITM TOP
	VIS	IX TOP		spare		DAC2	7			VIX	IT1	ITM TOP
	VIS	IX TOP		spare		DAC2	8			VIX	IT1	ITM TOP
	VIS	IX TOP	TM	OSEM sensor, horizontal top	K1:VIS-IX_TM_T_SENS	ADC2	9	1		VIX	IT1	ITM TOP
	VIS	IX TOP	TM	OSEM sensor, horizontal bottom	K2:VIS-IX_TM_B_SENS	ADC2	10	1		VIX	IT1	ITM TOP

VIS	IX TOP	TM	OSEM sensor, horizontal right	K3:VIS-IX_TM_R_SENS	ADC2	11	1	VIX	IT1	ITM TOP	
VIS	IX TOP	TM	OSEM sensor, horizontal left	K4:VIS-IX_TM_L_SENS	ADC2	12	1	VIX	IT1	ITM TOP	
VIS	IX TOP	TM	OSEM actuator, horizontal top	K1:VIS-IX_TM_T_COIL	DAC2	9		1	VIX	IT1	ITM TOP
VIS	IX TOP	TM	OSEM actuator, horizontal bottom	K1:VIS-IX_TM_B_COIL	DAC2	10		1	VIX	IT1	ITM TOP
VIS	IX TOP	TM	OSEM actuator, horizontal right	K1:VIS-IX_TM_R_COIL	DAC2	11		1	VIX	IT1	ITM TOP
VIS	IX TOP	TM	OSEM actuator, horizontal left	K1:VIS-IX_TM_L_COIL	DAC2	12		1	VIX	IT1	ITM TOP
VIS	IX TOP		spare		ADC2	13			VIX	IT1	ITM TOP
VIS	IX TOP		spare		ADC2	14			VIX	IT1	ITM TOP
VIS	IX TOP		spare		ADC2	15			VIX	IT1	ITM TOP
VIS	IX TOP		spare		ADC2	16			VIX	IT1	ITM TOP
VIS	IX TOP		spare		ADC2	17			VIX	IT1	ITM TOP
VIS	IX TOP		spare		ADC2	18			VIX	IT1	ITM TOP
VIS	IX TOP		spare		ADC2	19			VIX	IT1	ITM TOP
VIS	IX TOP		spare		ADC2	20			VIX	IT1	ITM TOP
VIS	IX TOP		spare		ADC2	21			VIX	IT1	ITM TOP
VIS	IX TOP		spare		ADC2	22			VIX	IT1	ITM TOP
VIS	IX TOP		spare		ADC2	23			VIX	IT1	ITM TOP
VIS	IX TOP		spare		ADC2	24			VIX	IT1	ITM TOP
VIS	IX TOP		spare		ADC2	25			VIX	IT1	ITM TOP
VIS	IX TOP		spare		ADC2	26			VIX	IT1	ITM TOP
VIS	IX TOP		spare		ADC2	27			VIX	IT1	ITM TOP
VIS	IX TOP		spare		ADC2	28			VIX	IT1	ITM TOP
VIS	IX TOP		spare		ADC2	29			VIX	IT1	ITM TOP
VIS	IX TOP		spare		ADC2	30			VIX	IT1	ITM TOP
VIS	IX TOP		spare		ADC2	31			VIX	IT1	ITM TOP
VIS	IX TOP		spare		ADC2	32			VIX	IT1	ITM TOP
VIS	IX TOP		spare		DAC2	13			VIX	IT1	ITM TOP
VIS	IX TOP		spare		DAC2	14			VIX	IT1	ITM TOP
VIS	IX TOP		spare		DAC2	15			VIX	IT1	ITM TOP
VIS	IX TOP		spare		DAC2	16			VIX	IT1	ITM TOP

Whitening/dewhitening Total 14 18