

GSN Data Quality Spot check for Primary Sensor M8.8 Chilean Event - 2010, 058

Primary Sensors appear OK

Network	STATION	PRIMARY			NOTES
		Z	N	E	
II	AAK				
IU	ADK				
IU	AFI				
IU	ANMO				
IU	ANTO				
CU	ANWB				
II	ARU				
II	ASCN				
CU	BBGH				
IU	BBSR				
CU	BCIP				
II	BFO				
IU	BILL				
II	BORG				
II	COCO				
IU	COLA				
IU	COR				
IU	CTAO				
II	DGAR				
IC	ENH				
II	ERM				
II	ESK				STS1 metadata problem OK now. Response issue on STS1-N
II	FFC				
IU	FURI				
CU	GRGR				
CU	GRTK				
CU	GTBY				
IU	GUMO				
IC	HIA*				
IU	HKT				
II	HOPE				
IU	INCN				
II	JTS				
II	KAPI				
IU	KBL				
IU	KBS				
II	KDAK				
IU	KEV				
II	KIV				
IU	KONO				PULSING ON THE STS-1 N/S BUT IT THE EVENT PUSHED ABOVE IT;
IU	LSZ				STILL EVALUATING STS-1 N RESPONSE;
IU	LVC				clipped
II	LVZ				
IU	MAJO				STILL EVALUATING STS-1 RESPONSE
IU	MBWA				
IC	MDJ				SENSITIVITY ISSUE BETWEEN STS-1 vs. STS-2 ON ALL COMPONENTS;
IU	MIDW				
II	MSEY				
II	MSVF				
CU	MTDJ				
II	NNA				
II	OBN				
IU	OTAV				
II	PALK				
IU	PAYG				
IU	PET				
II	PFO				
IU	PMG				
IU	PMSA				
IU	POHA				
IU	PTCN				
IU	QSPA				
IU	RAO				GOOD STATION - No Primary at this site - only STS-2
IU	RAR				
II	RAYN				
IU	RCBR				
IU	RSSD				
II	SACV				
IU	SBA				
CU	SDDR				
IU	SFJD				STILL EVALUATING STS-1 N RESPONSE;
II	SHEL				
IU	SLBS				
IU	SNZO				
IU	SSPA				
II	SUR				
IU	TARA				
IU	TATO				
II	TAU				
IU	TIXI				
II	TLY				
IU	TRIS				GOOD STATION; only STS-1 vertical at this station + STS-2
IU	TRQA				
IU	TSUM				
IU	TUC				
II	UOSS				
IU	WAKE				
II	WRAB				
IU	WWT				
IU	XMAS				
IU	YAK				
IU	YSS				

Response or Noise issues with Primary Sensors

Network	STATION	PRIMARY			NOTES
		Z	N	E	
IU	KIP				possible recurrence of STS-1 lowered response on E/W channel
II	ABPO				STS1-Z is inoperable at this station. Possible gain (~10%) issue with STS2.
II	MBAR				KS-54000 Z is inoperable at this station.
IC	BJT				HIGH FREQ. NOISE ON STS-1 Z SINCE 08/2007;
II	BRVK				CMT analysis shows problems
IU	CASY				STS-1 HORIZONTALS HAVE LOWERED LP RESPONSES;
IU	DAV				LOWERED LP RESPONSE ISSUES ON STS-1;
IU	GNI				STS-1 lowered response
IU	GRFO				DATA WAS STILL VERY GAPPY DURING THE EVENT
IU	HRV				RESPONSE PROBLEM ON N/S;
IU	KMBO				STS-1 horizontals have LOWERED LP RESPONSE
II	KURK				CMT analysis shows problems;
II	KWAJ				High gain clipped, low gain on scale;
IU	PAB				CONTINUING PROBLEMS WITH STS-1 SENSITIVITIES;
IU	PASC				LOWERED LP RESPONSE ISSUES ON STS-1 N/S
IC	QIZ*				LARGE DATA GAP IN THE MIDDLE OF THE SURFACE WAVE;
II	RPN				Known gain (25% issue with STS1-N.
IU	SAML				SENSITIVITY ISSUES ON 00 VERTICAL AND ?H1;
IU	SDV				clipped
IU	TEIG				THE ?H1 COMPONENT ON THE 54000 BAD
IU	ULN				LOWERED LP RESPONSE ISSUES ON STS-1 HORIZONTALS
IU	WCI				LOWERED LP RESPONSE ISSUES ON STS-1
IU	CHTO				54000 HORIZONTALS HAVE BEEN PULSING;
IU	HNR				THE VERTICAL AND ?H1 COMPONENTS BAD
IC	LSA				STS-1 E/W DOWN SENSITIVITY ISSUE BETWEEN STS-1 vs. STS-2 N/S

Significant issues with station operation

Network	STATION	PRIMARY			NOTES
		Z	N	E	
IU	LCO				STATION WAS DOWN DURING EVENT
IU	CCM				STATION WAS DOWN DURING EVENT
II	CMIA				
IU	DWPF				STATION WAS DOWN DURING EVENT
II	EFI				Timing errors day 58; Z, N(1) channels clipped
IU	FUNA				STATION WAS DOWN DURING EVENT
IU	JOHN				STATION WAS DOWN DURING EVENT
IU	KNTN				STATION WAS DOWN DURING EVENT
IU	KOWA				STATION WAS DOWN DURING EVENT
IU	MA2				STATION WAS DOWN DURING EVENT
IU	MACI				THE STATION WAS NOT RECEIVING BH* DATA DURING THIS TIME
IU	MAKZ				STATION NOT OPERATIONAL YET
IU	MSKU				STATION WAS DOWN DURING EVENT
II	NIL				
II	NRIL				
IU	NWAO				STATION WAS DOWN DURING EVENT
IU	PTGA				STATION WAS DOWN DURING EVENT
IU	SJG				STATION WAS DOWN DURING EVENT
CU	TGUH				STATION WAS DOWN DURING THE EVENT
II	ABKT				
II	ALE				Unconfirmed reports indicate the station was not recording during this event.
IC	KMI				
IC	SSE				
IC	WMQ				
IC	XAN				

- DATA AVAILABLE AND NO ISSUES FOUND
- DATA AVAILABLE WITH ISSUES
- NO TELEMETRY FROM THIS STATION
- NO SENSOR INSTALLED
- NO DATA
- NO TELEMETRED HIGH SAMPLE RATE DATA FROM HOST COUNTRY