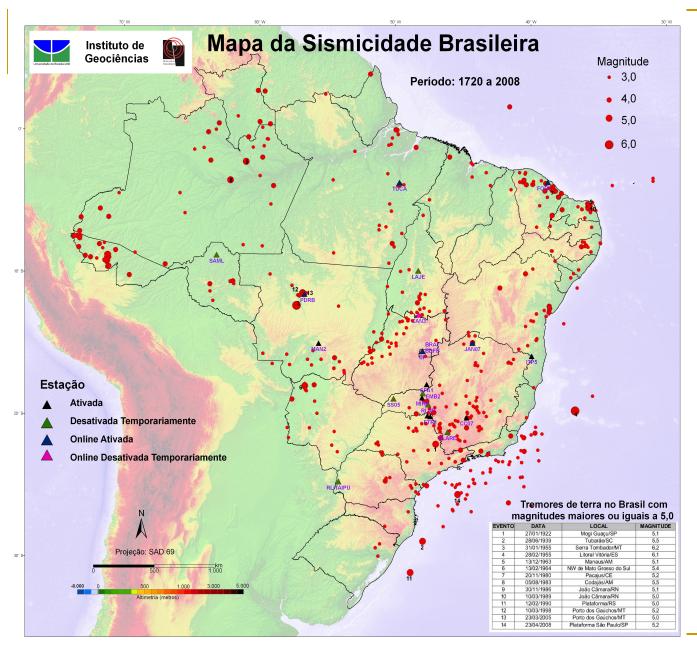
South and Southeastern Seismograph Network (RSIS) by George Sand França



Objective

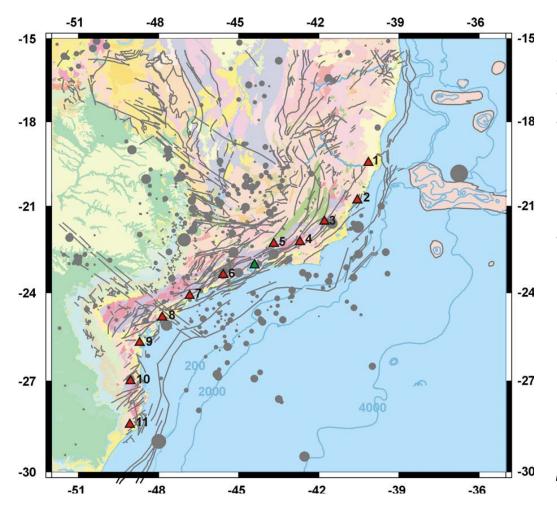


Continuously monitor earthquakes and other seismic disturbances of the south and southeastern of Brazil by seismographic network that improve the standard of seismicity in continental margin and understand deep structure and therefore, the tectonic evolution of the continental Brazil margin.



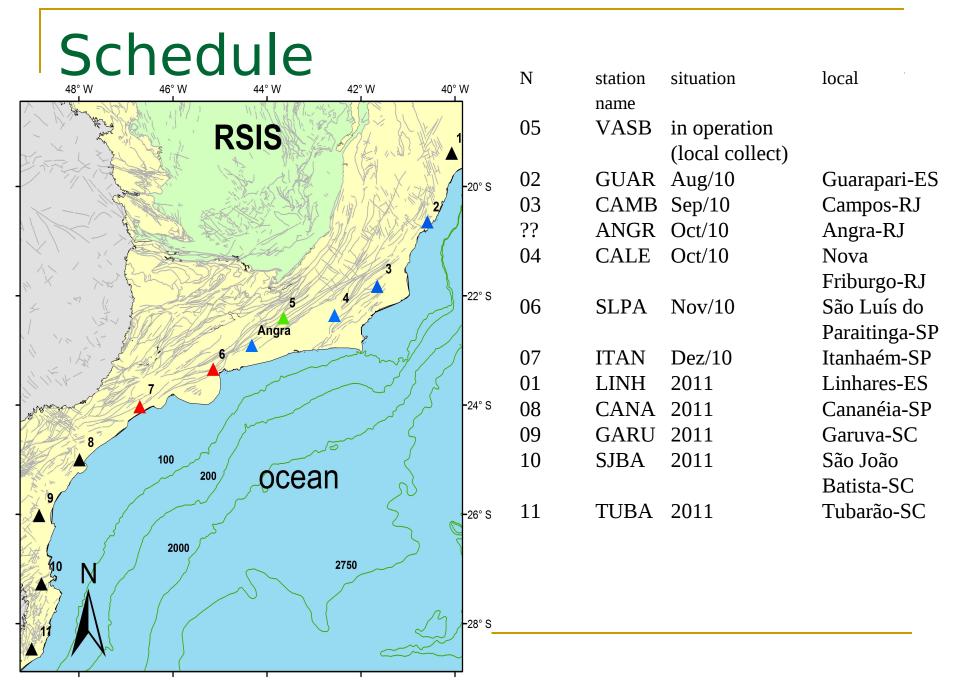
Map of seismicity of Brazil 1720 e 2008 by SIS/UnB source:SIS/UnB ,IAG/USP, UFRN, Unesp etc

Seismotectonic map



The seismicity may indicate that these earthquakes are related to the structures of the continental margin generated or reactivated as a result of fragmentation of the continental crust during the formation of the Atlantic Ocean.

Red Triangulos are stations – First preliminar map.



Expected Results



- RSIS Full operation in July 2011.
- Database seismicity in real time for continental margin
- Data to improve understanding of the tectonic evolution for continental margin Brazil.
- Hazard map



REFRACTION TECHNOLOGY, INC.

1600 10th Street Suite A Plano, Texas 75074 Ph: 214-440-1265 Fax: 972-578-0045

QUOTATION#	10784-rev.D
Quotation Date :	1/20/2009
Validity Date:	2/20/2009
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CNPQ-Conselho Nactional de Desenvolvimento 100773

Cientifico e Tecnologico SEPN 507 Bloco B Edificio Sede-Asa Norte Brasilia, DF, 70740-901 Brazil

BILL TO

CNPQ-Conselho Nactional de Desenvolvimento 100773

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	Estimated Delivery: 90 D		Salesperson: AL			
NE	PART ID	DESCRIPTION	UNIT PRICE	ORDER QTY	UM	EXTENSION
1	130-01/3	Recorder, 3rd Generation, 3 Channel	5,808.0000	16	EA	92,928.0
2	130-GPS	GPS Receiver/Clock	273.6800	16	EA	4,378
3	130-8015-33	Assembly, Cable, GPS to 130 DAS, Ext., 33' (10m)	135.5200	16	EA	2,168.
ļ	130-FLASH/1G	Disk, Flash Memory, 1GB, CF Type 1, -20C to 60C	85.0000	32	EA	2,720
5	RT527C-B01	Assembly, PCB, Sensor Control Board, 130-01	739.2000	16	EA	11,827
,	130-8075	Assembly, Cable, Power, 130 to Battery, 61 (2m)	84.4800	16	EA	1,351.
	151-120	Seismometer, 3 Component, 120 Secs to 50Hz	12,800.0000	16	EA	204,800
}	130-8803-33	Assembly, Cable, 130 to 151-60 / -120 Sensor, 33' (10m)	249.0400	16	EA	3,984
)	130-PDA-KIT/NA	Kit, PDA, Ruggedized, w/cable, N. America	970.0000	10	EA	9,700
0	130-READER-USB	Reader, CF I/II/III, External, USB, 2 Slot	49.0000	1	EA	49
1	130-8019	Assembly, Cable, NET, 130 to Ethernet Hub	88.8800	16	EA	1,422
2	SW-DATAUTILS	Software, Data Utilities	0.0000	1	EA	0
3	130-FIRMWARE/STAND	Software, 130 DAS's, Standard	0.0000	1	EA	0
4	SW-RTI/NC	Software, REF TEK Interface	1,000.0000	1	EA	1,000
	for either single or multip 2.) RTPD, True Error-Co Transmission and Comn 3.) RTVIEW, Interactive	orrection Protocol for Real-Time Data nunications				
5	SW-SSDP	Software, Seismic Siginal Data Processing, Interactive	500.0000	1	EA	500.
6	OPSDOCSET/CD	Manual, Operations, REF TEK Recorders, CD	0.0000	1	EA	0
7	OPSDOCSET	Manual, Operations Reference, REF TEK Digitizers, Paper	100.0000	1	EA	100
8	OPSDOCSET/CD	Manual, Operations, REF TEK Recorders, CD	0.0000	1	EA	0
9	130-TRANSIT	Case, Transit, holds six 130's, GPS, Cables	601.6800	4	EA	2.406

For Refraction Technology, Inc.



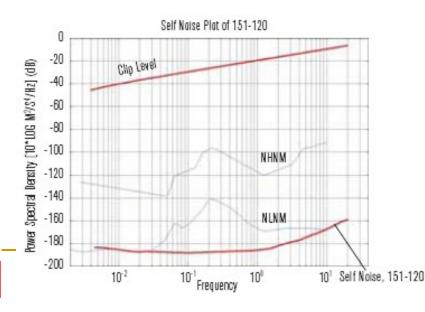
Stephanie Marshall

354.072.52 3.00 10.622.18 343.450.	ORDER SUBTOTAL	DISC %	ORDER DISCOUNT	ORDER TAX AMOUNT	ORDER VAT AMOUNT	ORDER TOTAL
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