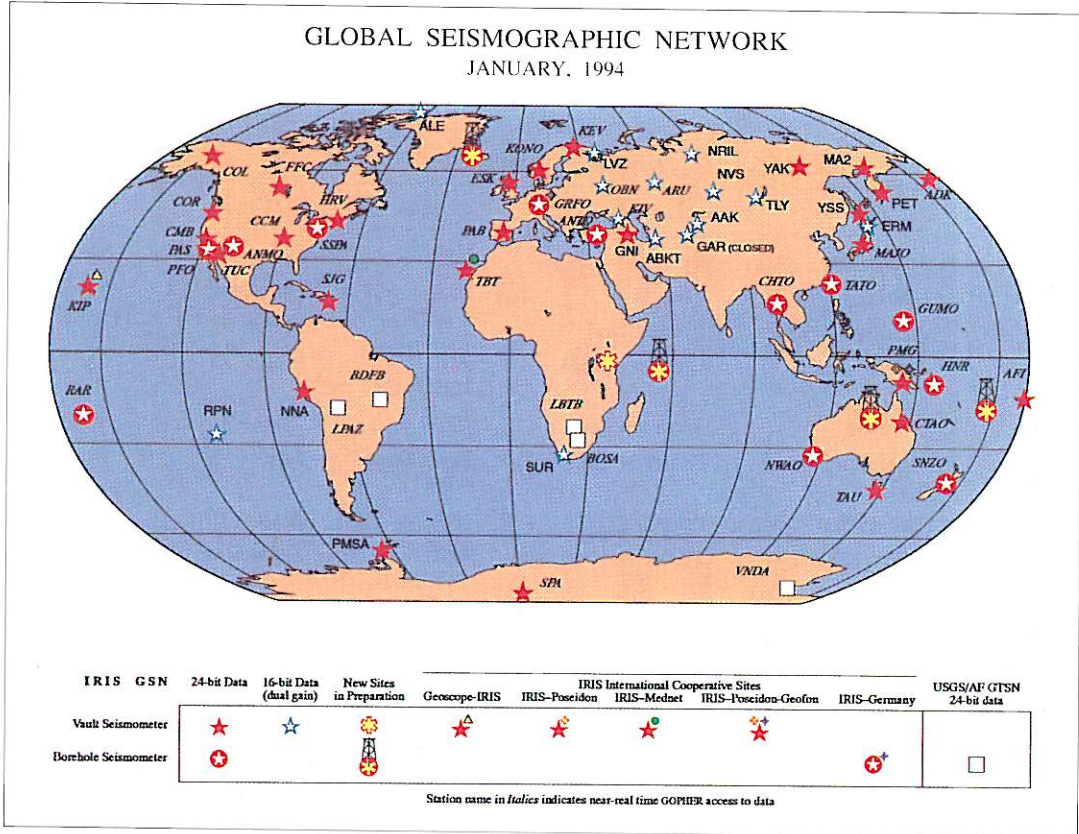


The IRIS Global Seismographic Network

Rhett Butler (*)

Global Seismographic Network

Since the last FDSN meeting in December 1992, the IRIS Global Seismographic Network (GSN) has made significant progress toward meeting its goals of a uniform, globally distributed, network of broadband seismographic stations. More GSN stations were installed or upgraded than in any previous year. A total of 15 new stations entered into operation, bringing the total number of stations in the GSN to 54. Additionally, 4 existing GSN stations were upgraded with 24-bit data acquisition systems.



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Three new sites are the result of international collaboration: TBT, Taburiente, Canary Islands, is with Italy's MEDNET; PMG, Port Moresby, Papua New Guinea, is with Germany's Geo-ForschungsNetz (GEOFON) and Japan's POSEIDON; and GRFO, Graefenberg is with Germany's Geological Survey. The new borehole site SSPA, Standing Stone, Pennsylvania, is a collaboration with Penn State University and the U.S. National Seismic Network.

GSN upgrades to 24-bit data acquisition

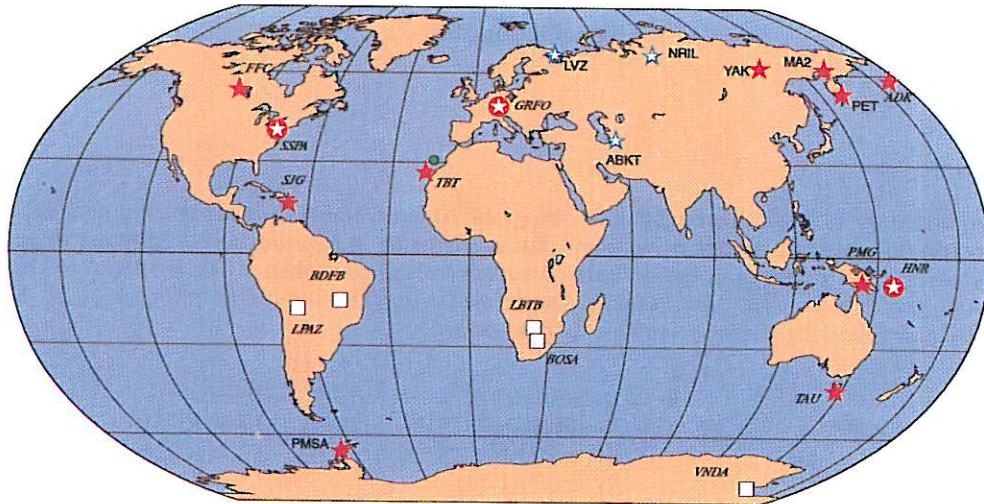
Station	Site	Location	Operator	Date	Type
KEV	Kevo	Finland	ASL	June 93	Vault
AFI	Afiamalu	Western Samoa	ASL	August 93	Vault
ESK	Eskdalemuir	Scotland	IDA	October 93	Vault
NNA	Naña	Peru	IDA	November 93	Vault

New GSN installations

Station	Site	Location	Operator	Date	Type
LVZ	Lovozero	Russia	IDA	December 92	Vault
NRIL	Norilsk	Russia	IDA	December 92	Vault
PMSA	Palmer Station	Antarctica	ASL	March 93	Vault
TBT	Taburiente	Canary Islands	ASL MEDNET	March 93	Vault
ABKT	Alibek	Turkmenistan	IDA	April 93	Vault
SSPA	Standing Stone	Pennsylvania	Penn State NSN	July 93	Borehole
FFC	Flin Flon	Canada	IDA	August 93	Vault
PMG	Port Moresby	Papua New Guinea	ASL GEOFON POSEIDON	September 93	Vault
MA2	Magadan	Russia	ASL	September 93	Vault
YAK	Yakutsk	Russia	ASL	September 93	Vault
PET	Petropavlovsk-Kamchatskiy	Russia	ASL	September 93	Vault
ADK	Adak	Alaska	ASL	September 93	Vault
HNR	Honiara	Solomon Islands	ASL	October 93	Borehole
GRFO	Graefenburg	Germany	ASL BGR	December 93	Borehole
TAU	Hobart	Tasmania	IDA	January 94	Vault

NEW GSN STATION INSTALLATIONS

DECEMBER, 1992 - JANUARY, 1994



IRIS GSN	24-bit Data	16-bit Data (dual gain)	IRIS International Cooperative Sites			USGS/AF GTSN 24-bit data
			IRIS-Mednet	IRIS-Poseidon-Geofon	IRIS-Germany	
Vault Seismometer	★	★	★	★	★	□
Borehole Seismometer	★		★		★	□

Station name in *Italics* indicates near-real time GOPHER access to data

Network and station operators

ASL	USGS Albuquerque Seismological Laboratory
BGR	Bundesanstalt für Geowissenschaften und Rohstoffe (Geological Survey), Germany
GEOFON	GEOForschungsNetz des GeoForschungsZentrums, Potsdam, Germany
IDA	University of California, San Diego SIO/IGPP IDA Project
MEDNET	MEDiterranean NETwork, Istituto Nazionale di Geofisica, Italy
NSN	USGS National Seismic Network
Penn State	Penn State University
POSEIDON	Pre-POSEIDON Project, Earthquake Research Institute, University of Tokyo, Japan