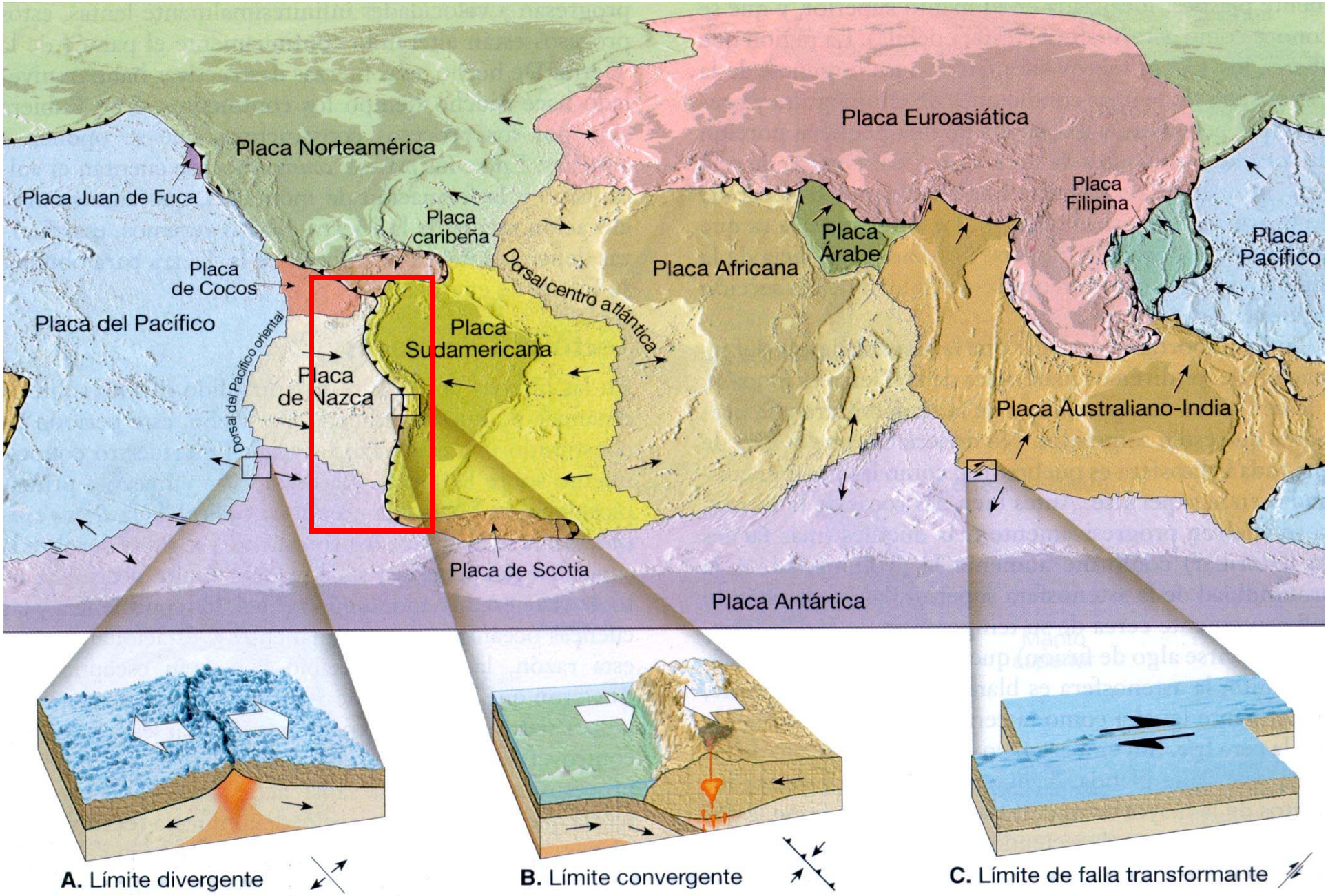
XXII ICG/PTWS
SESSIONAL WORKING GROUP
SOUTHEAST PACIFIC REGION
COLOMBIA,ECUADOR,PERU,CHILE

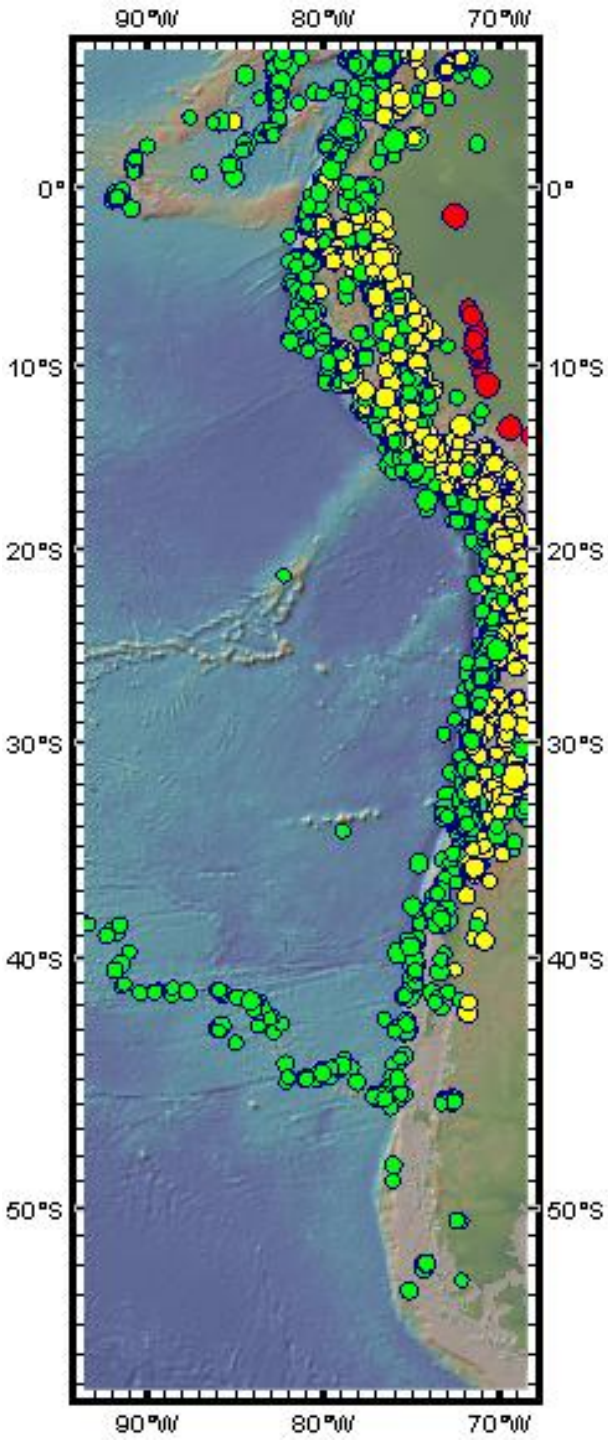
moviendose

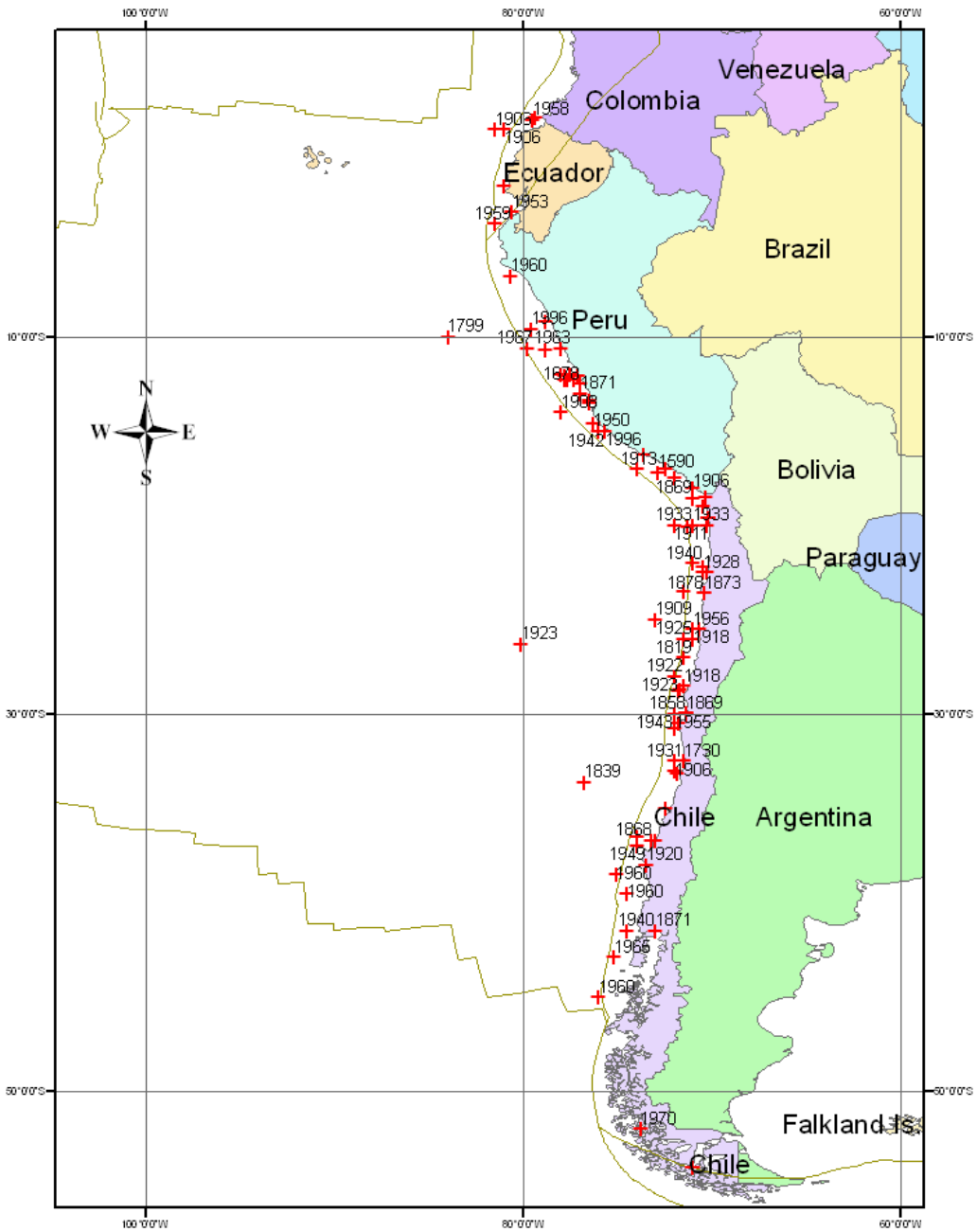


A. Límite divergente

B. Límite convergente

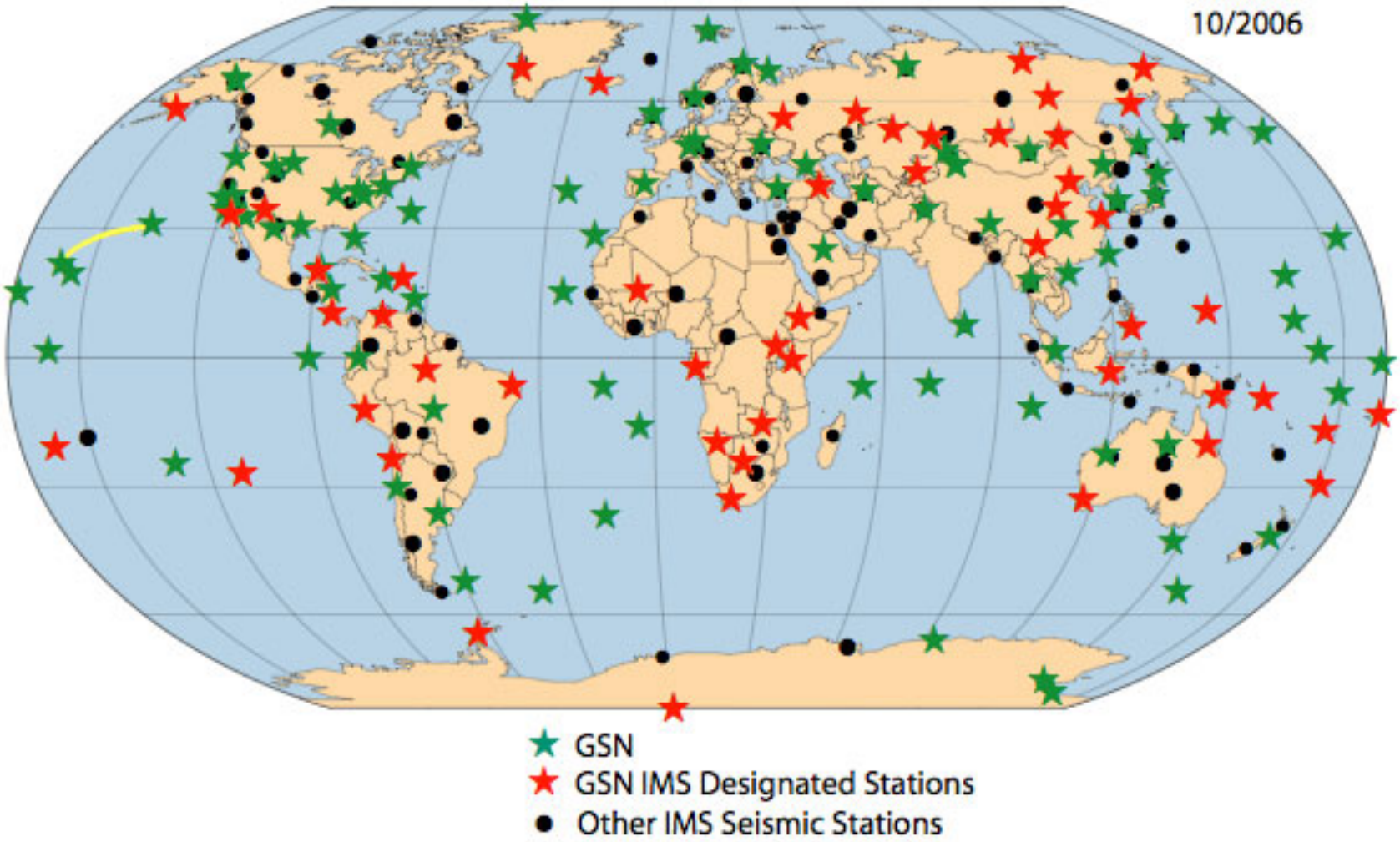
C. Límite de falla transformante

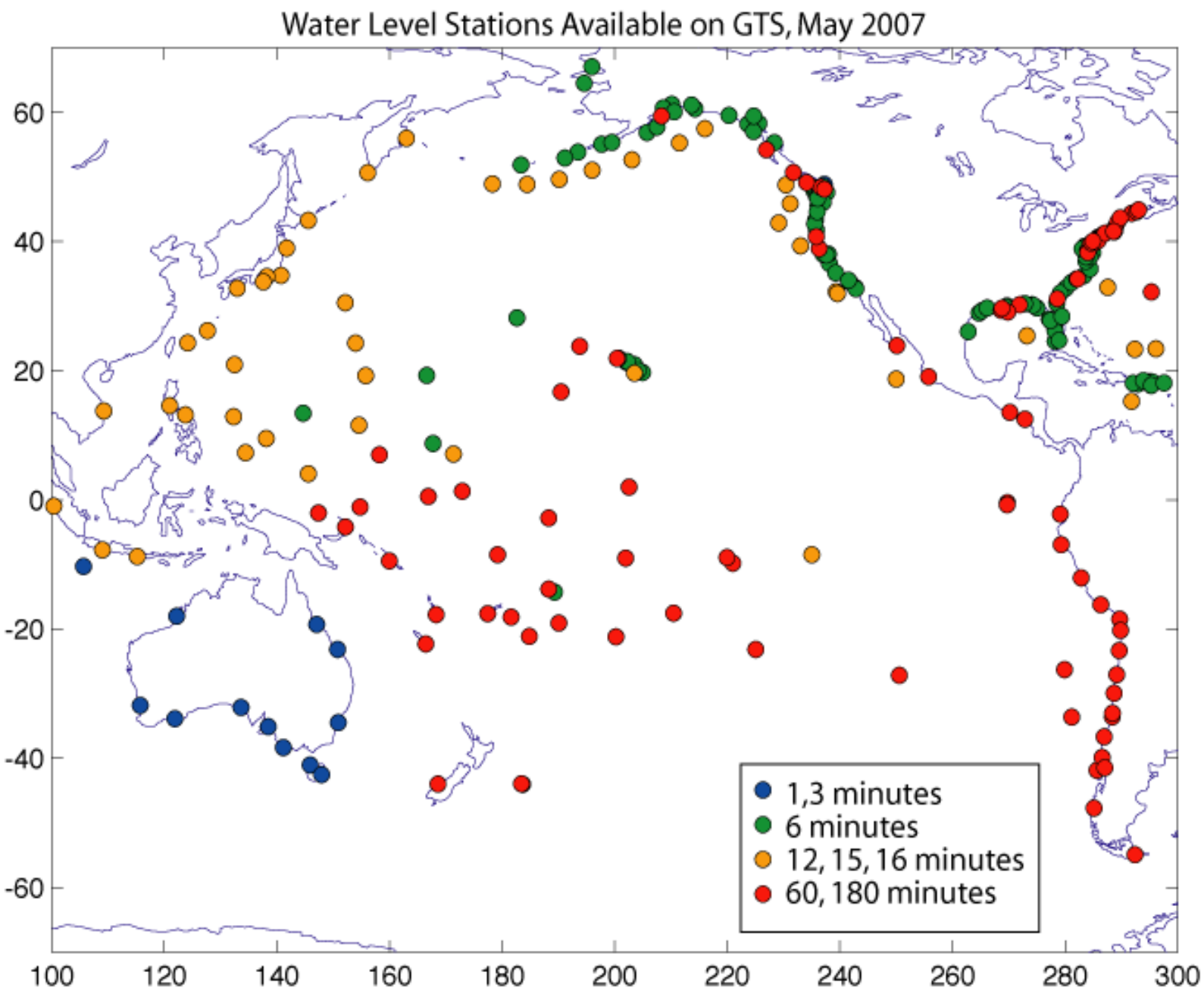

90°W
80°W
70°W
0°
10°S
20°S
30°S
40°S
50°S


Venezuela
Colombia
Ecuador
Brazil
Peru
Bolivia
Paraguay
Argentina
Chile
Falkland Is.
Chile
N
W
E
S

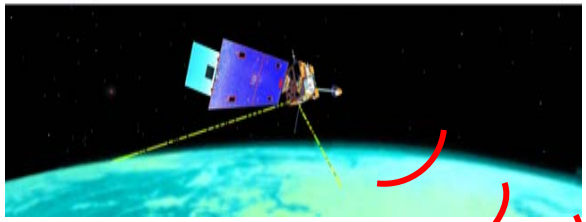
GLOBAL SEISMOGRAPHIC NETWORK

& INTERNATIONAL MONITORING SYSTEM (IMS)




Water Level Stations Available on GTS, May 2007
60
40
20
0
-20
-40
-60
100
120
140
160
180
200
220
240
260
280
300
1,3 minutes
6 minutes
12, 15, 16 minutes
60, 180 minutes

DCP (Plataformas Colectoras de Datos)



Satélite GOES

GPS

Temperatura del aire

Presión atmosférica

Antena de transmisión satelital

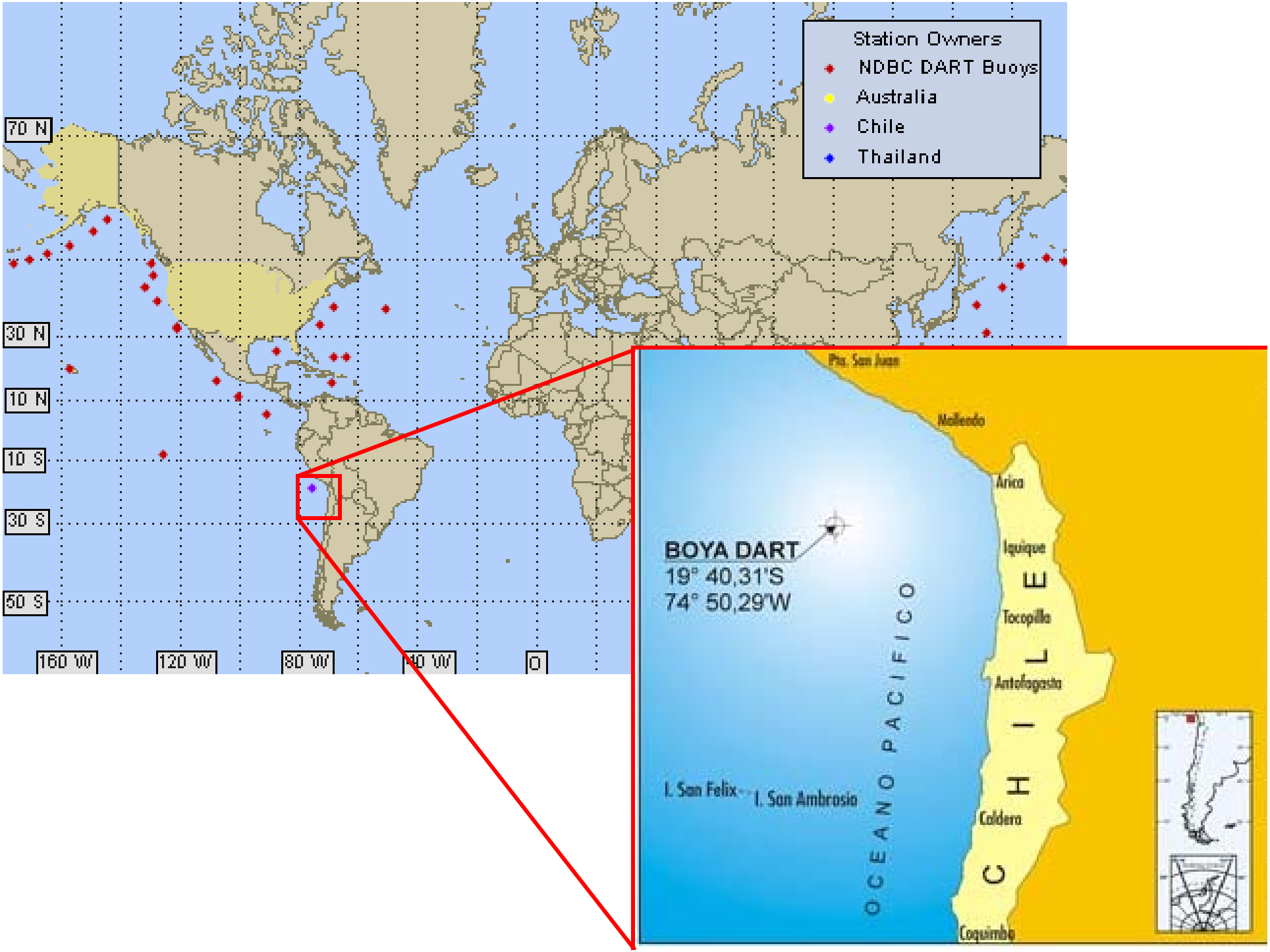
Panel solar

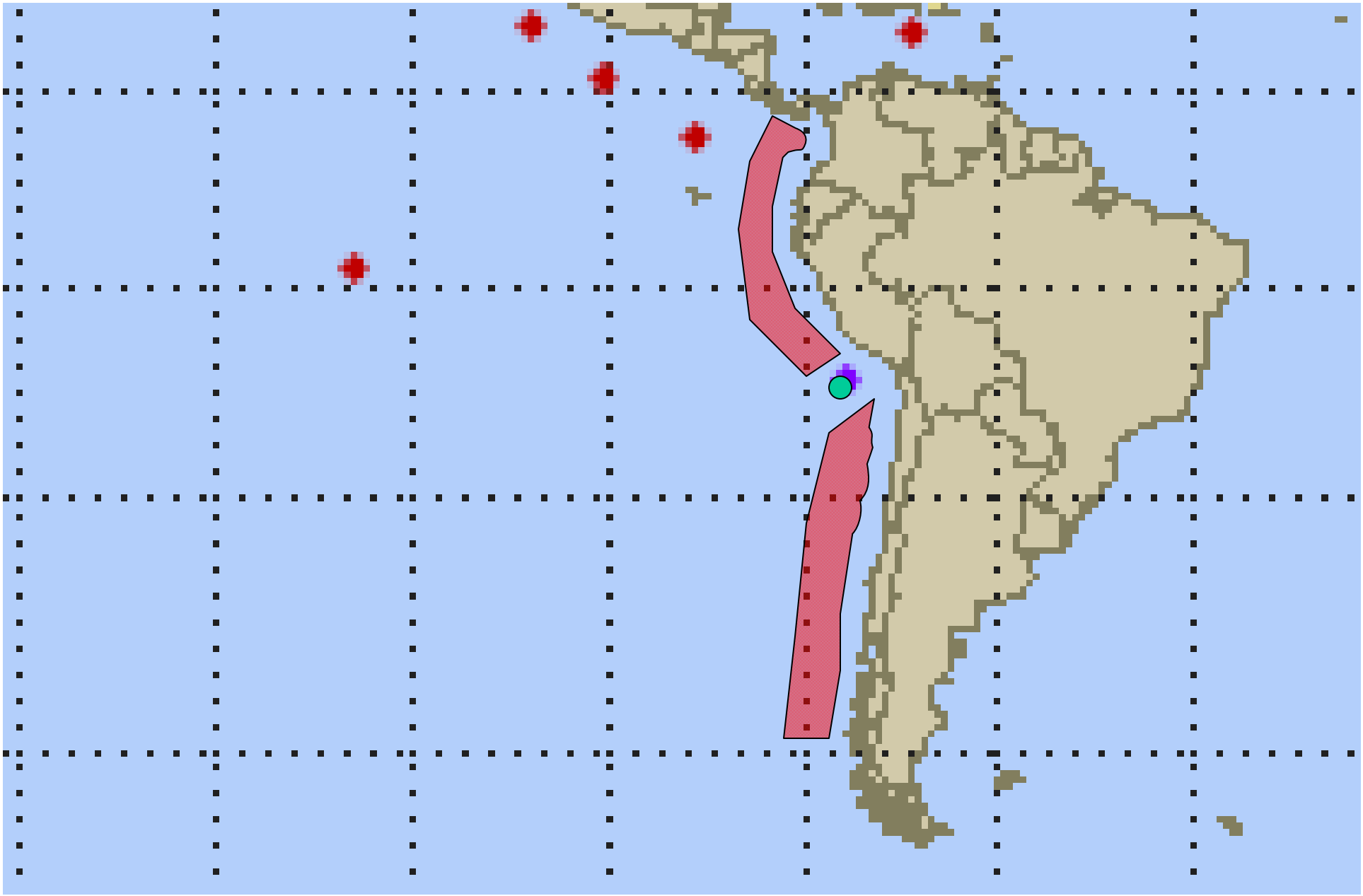
Temperatura del agua

Nivel del mar

Plataforma Satelital

Antena Receptora


Station Owners
NDBC DART Buoys
Australia
Chile
Thailand
70 N
30 N
10 N
10 S
30 S
50 S
160 W
120 W
80 W
40 W
0
Pta. San Juan
Mejillones
Arica
Iquique
Tocopilla
Antofagasta
Caldera
Coquimbo
CHILE
OCEANO PACIFICO
BOYA DART
19° 40,31'S
74° 50,29'W
I. San Felix
I. San Ambrosio



UPGRADING AND ENHACEMENT OF SYSTEMS

COMUNICATIONS

CAPACITY BUILDING

WORKING GROUP ON TSUNAMI WARNING AND MITIGATION IN THE SOUTHEAST PACIFIC REGION

COLOMBIA, ECUADOR, PERU, CHILE

The Intergovernmental Coordination Group for the Tsunami Warning and Mitigation System in the Pacific,

Recognizing that the Southeast Pacific Region, comprised for the purposes of this document for Colombia, Ecuador, Peru and Chile, has a significant threat from local, regional and distant tsunamis,

Further recognizing that the Southeast Pacific Coast shares common sources of tsunamigenic events in terms of their nature and characteristics,

Also recognizing that many of the components of the PTWS for local and regional events need to be strengthened in all areas of the Southeast Pacific Region,

Noting the interest of Member States in this region to enhance their tsunami warning and mitigation capacities,

Acknowledging that countries in the region are developing National Tsunami Warning Systems with already existing and planned upgrades to seismic and sea-level networks as well as improvements to communication systems and educational programs, and that the PTWC provides regional and distant tsunami warnings for the Southeast Pacific Region,

Acknowledging also that there may be mutual benefits to this region and to the Tsunami Warning and Mitigation System in the Pacific from the establishment of this working group,

Further acknowledging national governments commitment to natural hazards mitigation,

Decides to establish an inter-sessional Working Group for the Southeast Pacific Region with the following Terms of Reference:

1. to evaluate capabilities of countries in these regions for providing end-to-end tsunami warning and mitigation services,
2. to ascertain requirements from countries in the Southeast Pacific Region for the tsunami warning and mitigation services,
3. to promote and facilitate tsunami hazard and risk studies in the region,
4. to facilitate cooperation in the establishment and upgrading of seismic and sea level stations networks and communication systems in the region, and their interoperability,
5. to improve the education programs with a regional criteria based on the regional social, cultural and economical reality,
6. to facilitate capacity building and the sharing of tsunami information in the region, including the free and open exchange of data,

Recommends that the Group be composed of representatives from Member States of Colombia, Ecuador, Peru and Chile, with a chair and a vice chair that will be defined by the end of October 2007.

THANKS