

|                                                              |                          |                          |
|--------------------------------------------------------------|--------------------------|--------------------------|
| <i>South Africa*</i>                                         | <b>24 September 1996</b> | <b>30 March 1999</b>     |
| <i>Spain*</i>                                                | <b>24 September 1996</b> | <b>31 July 1998</b>      |
| <b>Sri Lanka</b>                                             | <b>24 October 1996</b>   |                          |
| Sudan                                                        |                          |                          |
| <b>Suriname</b>                                              | <b>14 January 1997</b>   |                          |
| <b>Swaziland</b>                                             | <b>24 September 1996</b> |                          |
| <i>Sweden*</i>                                               | <b>24 September 1996</b> | <b>2 December 1998</b>   |
| <i>Switzerland*</i>                                          | <b>24 September 1996</b> | <b>1 October 1999</b>    |
| Syrian Arab Republic                                         |                          |                          |
| <i>Tajikistan</i>                                            | <b>7 October 1996</b>    | <b>10 June 1998</b>      |
| <b>Thailand</b>                                              | <b>12 November 1996</b>  |                          |
| <i>The former Yugoslav Republic of Macedonia</i>             | <b>29 October 1998</b>   | <b>14 March 2000</b>     |
| <b>Togo</b>                                                  | <b>2 October 1996</b>    |                          |
| Tonga                                                        |                          |                          |
| Trinidad and Tobago                                          |                          |                          |
| <b>Tunisia</b>                                               | <b>16 October 1996</b>   |                          |
| <i>Turkey*</i>                                               | <b>24 September 1996</b> | <b>16 February 2000</b>  |
| <i>Turkmenistan</i>                                          | <b>24 September 1996</b> | <b>20 February 1998</b>  |
| Tuvalu                                                       |                          |                          |
| <b>Uganda</b>                                                | <b>7 November 1996</b>   |                          |
| <i>Ukraine*</i>                                              | <b>27 September 1996</b> | <b>23 February 2001</b>  |
| <i>United Arab Emirates</i>                                  | <b>25 September 1996</b> | <b>18 September 2000</b> |
| <i>United Kingdom of Great Britain and Northern Ireland*</i> | <b>24 September 1996</b> | <b>6 April 1998</b>      |
| United Republic of Tanzania                                  |                          |                          |
| <b>United States of America*</b>                             | <b>24 September 1996</b> |                          |
| <b>Uruguay</b>                                               | <b>24 September 1996</b> |                          |
| <i>Uzbekistan</i>                                            | <b>3 October 1996</b>    | <b>29 May 1997</b>       |
| <b>Vanuatu</b>                                               | <b>24 September 1996</b> |                          |
| <b>Venezuela</b>                                             | <b>3 October 1996</b>    |                          |

|                                    |                        |                                                 |
|------------------------------------|------------------------|-------------------------------------------------|
| Viet Nam*                          | 24 September<br>1996   |                                                 |
| Yemen                              | 30 September<br>1996   |                                                 |
| Yugoslavia                         |                        |                                                 |
| Zambia                             | 3 December<br>1996     |                                                 |
| Zimbabwe                           | 13 October 1999        |                                                 |
| <b>TOTAL NUMBER OF STATES: 193</b> | <b>Signatures: 160</b> | <b>Ratifications: 74</b><br>(31 of required 44) |

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| <a href="#">Treaty</a> | <a href="#">Signature and Ratification</a> | <a href="#">Verification</a> | <a href="#">Organization</a> | <a href="#">Opportunities</a> | <a href="#">Related Links</a> | <a href="#">Visitor Log</a> |
|------------------------|--------------------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-----------------------------|

## Status of the 44 States Whose Ratification is Required for the Treaty to Enter Into Force (Article XIV)

The Preparatory Commission can only announce ratifications once the depositary of the Treaty, the Secretary-General of the United Nations, informs it that an instrument of ratification of a signatory State has been received in accordance with Article XVI of the Treaty.

\* A red asterisk indicates one of the 44 States whose ratification is required for the Treaty to enter into force (Article XIV).

Underlining shows a State hosting an IMS station (feature is only meaningful if link underlining is turned off).

Green *italics* shows a State that has ratified the Treaty.

**Blue** indicates a State that has signed the Treaty.

| State                                         | Date of Signature | Date of Ratification |
|-----------------------------------------------|-------------------|----------------------|
| <u>Algeria*</u>                               | 15 October 1996   |                      |
| <u>Argentina*</u>                             | 24 September 1996 | 4 December 1998      |
| <u>Australia*</u>                             | 24 September 1996 | 9 July 1998          |
| <u>Austria*</u>                               | 24 September 1996 | 13 March 1998        |
| <u>Bangladesh*</u>                            | 24 October 1996   | 8 March 2000         |
| <u>Belgium*</u>                               | 24 September 1996 | 29 June 1999         |
| <u>Brazil*</u>                                | 24 September 1996 | 24 July 1998         |
| <u>Bulgaria*</u>                              | 24 September 1996 | 29 September 1999    |
| <u>Canada*</u>                                | 24 September 1996 | 18 December 1998     |
| <u>Chile*</u>                                 | 24 September 1996 | 12 July 2000         |
| <u>China*</u>                                 | 24 September 1996 |                      |
| <u>Colombia*</u>                              | 24 September 1996 |                      |
| <u>Democratic People's Republic of Korea*</u> |                   |                      |
| <u>Democratic Republic of the Congo*</u>      | 4 October 1996    |                      |
| <u>Egypt*</u>                                 | 14 October 1996   |                      |
| <u>Finland*</u>                               | 24 September 1996 | 15 January 1999      |

|                                    |                              |                          |
|------------------------------------|------------------------------|--------------------------|
| <i>France*</i>                     | <b>24 September<br/>1996</b> | <b>6 April 1998</b>      |
| <i>Germany*</i>                    | <b>24 September<br/>1996</b> | <b>20 August 1998</b>    |
| <i>Hungary*</i>                    | <b>25 September<br/>1996</b> | <b>13 July 1999</b>      |
| <i>India*</i>                      |                              |                          |
| <i>Indonesia*</i>                  | <b>24 September<br/>1996</b> |                          |
| <i>Iran (Islamic Republic of)*</i> | <b>24 September<br/>1996</b> |                          |
| <i>Israel*</i>                     | <b>25 September<br/>1996</b> |                          |
| <i>Italy*</i>                      | <b>24 September<br/>1996</b> | <b>1 February 1999</b>   |
| <i>Japan*</i>                      | <b>24 September<br/>1996</b> | <b>8 July 1997</b>       |
| <i>Mexico*</i>                     | <b>24 September<br/>1996</b> | <b>5 October 1999</b>    |
| <i>Netherlands*</i>                | <b>24 September<br/>1996</b> | <b>23 March 1999</b>     |
| <i>Norway*</i>                     | <b>24 September<br/>1996</b> | <b>15 July 1999</b>      |
| <i>Pakistan*</i>                   |                              |                          |
| <i>Peru*</i>                       | <b>25 September<br/>1996</b> | <b>12 November 1997</b>  |
| <i>Poland*</i>                     | <b>24 September<br/>1996</b> | <b>25 May 1999</b>       |
| <i>Republic of Korea*</i>          | <b>24 September<br/>1996</b> | <b>24 September 1999</b> |
| <i>Romania*</i>                    | <b>24 September<br/>1996</b> | <b>5 October 1999</b>    |
| <i>Russian Federation*</i>         | <b>24 September<br/>1996</b> | <b>30 June 2000</b>      |
| <i>Slovakia*</i>                   | <b>30 September<br/>1996</b> | <b>3 March 1998</b>      |
| <i>South Africa*</i>               | <b>24 September<br/>1996</b> | <b>30 March 1999</b>     |
| <i>Spain*</i>                      | <b>24 September<br/>1996</b> | <b>31 July 1998</b>      |
| <i>Sweden*</i>                     | <b>24 September<br/>1996</b> | <b>2 December 1998</b>   |
| <i>Switzerland*</i>                | <b>24 September<br/>1996</b> | <b>1 October 1999</b>    |
| <i>Turkey*</i>                     | <b>24 September<br/>1996</b> | <b>16 February 2000</b>  |

|                                                                  |                              |                                 |
|------------------------------------------------------------------|------------------------------|---------------------------------|
| <i>Ukraine*</i>                                                  | <b>27 September<br/>1996</b> | <b><i>23 February 2001</i></b>  |
| <i>United Kingdom of Great Britain and<br/>Northern Ireland*</i> | <b>24 September<br/>1996</b> | <b><i>6 April 1998</i></b>      |
| <b>United States of America*</b>                                 | <b>24 September<br/>1996</b> |                                 |
| <b>Viet Nam*</b>                                                 | <b>24 September<br/>1996</b> |                                 |
| <b>TOTAL NUMBER OF REQUIRED STATES: 44</b>                       | <b>Signatures: 41</b>        | <b><i>Ratifications: 31</i></b> |

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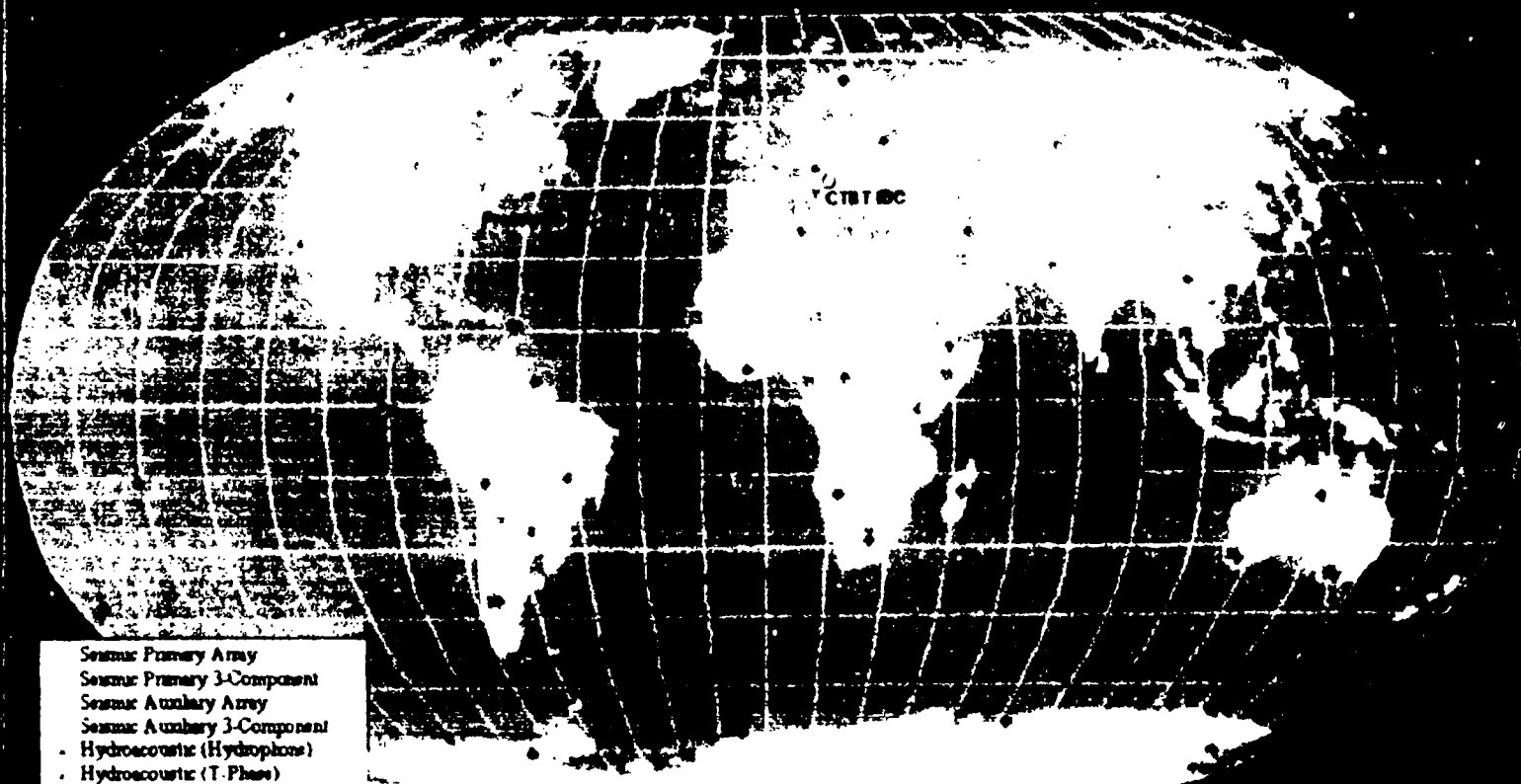


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## CTBT International Monitoring System Network



- Seismic Primary Array
- Seismic Primary 3-Component
- Seismic Auxiliary Array
- Seismic Auxiliary 3-Component
- Hydroacoustic (Hydrophone)
- Hydroacoustic (T-Phase)
- Infrasonic
- Radiometric Stations
- Radiometric Laboratories

## Monitoring Facilities in the International Monitoring System (IMS)

\* One of the 44 States whose ratification is required for the Treaty to enter into force (article XIV).

Underlining shows a State hosting an IMS station (feature is only meaningful if link underlining is turned off).

| State                                             | Seismic<br>primary<br>stations | Seismic<br>auxiliary<br>stations | Radionuclide<br>stations | Radionuclide<br>laboratories | Hydro-<br>acoustic<br>stations | Infrasound<br>stations | TOTAL |
|---------------------------------------------------|--------------------------------|----------------------------------|--------------------------|------------------------------|--------------------------------|------------------------|-------|
| <u>Argentina*</u>                                 | 1                              | 2                                | 3                        | 1                            |                                | 2                      | 9     |
| Armenia                                           |                                | 1                                |                          |                              |                                |                        | 1     |
| <u>Australia*</u>                                 | 4                              | 3                                | 7                        | 1                            | 1                              | 5                      | 21    |
| <u>Austria*</u>                                   |                                |                                  |                          | 1                            |                                |                        | 1     |
| <u>Bangladesh*</u>                                |                                | 1                                |                          |                              |                                |                        | 1     |
| <u>Bolivia</u>                                    | 1                              | 1                                |                          |                              |                                | 1                      | 3     |
| Botswana                                          |                                | 1                                |                          |                              |                                |                        | 1     |
| <u>Brazil*</u>                                    | 1                              | 2                                | 2                        | 1                            |                                | 1                      | 7     |
| Cameroon                                          |                                |                                  | 1                        |                              |                                |                        | 1     |
| <u>Canada*</u>                                    | 3                              | 6                                | 4                        | 1                            | 1                              | 1                      | 16    |
| <u>Cape Verde</u>                                 |                                |                                  |                          |                              |                                | 1                      | 1     |
| Central African<br>Republic                       | 1                              |                                  |                          |                              |                                | 1                      | 2     |
| <u>Chile*</u>                                     |                                | 2                                | 2                        |                              | 1                              | 2                      | 7     |
| <u>China*</u>                                     | 2                              | 4                                | 3                        | 1                            |                                | 2                      | 12    |
| <u>Colombia*</u>                                  | 1                              |                                  |                          |                              |                                |                        | 1     |
| Cook Islands                                      |                                | 1                                | 1                        |                              |                                |                        | 2     |
| Costa Rica                                        |                                | 1                                |                          |                              |                                |                        | 1     |
| <u>Czech Republic</u>                             |                                | 1                                |                          |                              |                                |                        | 1     |
| <u>Côte d'Ivoire</u>                              | 1                              |                                  |                          |                              |                                | 1                      | 2     |
| <u>Denmark</u>                                    |                                | 1                                |                          |                              |                                | 1                      | 2     |
| Djibouti                                          |                                | 1                                |                          |                              |                                | 1                      | 2     |
| Ecuador                                           |                                |                                  | 1                        |                              |                                | 1                      | 2     |
| <u>Egypt*</u>                                     | 1                              | 1                                |                          |                              |                                |                        | 2     |
| Ethiopia                                          |                                | 1                                | 1                        |                              |                                |                        | 2     |
| <u>Fiji</u>                                       |                                | 1                                | 1                        |                              |                                |                        | 2     |
| <u>Finland*</u>                                   | 1                              |                                  |                          | 1                            |                                |                        | 2     |
| <u>France*</u>                                    | 1                              | 2                                | 6                        | 1                            | 2                              | 5                      | 17    |
| Gabon                                             |                                | 1                                |                          |                              |                                |                        | 1     |
| Germany/South<br>Africa ( <i>See note<br/>+</i> ) |                                | 1                                |                          |                              |                                |                        | 1     |

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|                                    |   |   |   |   |   |   |    |
|------------------------------------|---|---|---|---|---|---|----|
| <b>Germany*</b>                    | 1 |   | 1 |   |   | 2 | 4  |
| <b>Greece</b>                      |   | 1 |   |   |   |   | 1  |
| <b>Guatemala</b>                   |   | 1 |   |   |   |   | 1  |
| <b>Iceland</b>                     |   | 1 | 1 |   |   |   | 2  |
| <b>TO BE DETERMINED</b>            | 1 | 1 | 1 |   |   | 1 | 4  |
| <b>Indonesia*</b>                  |   | 6 |   |   |   |   | 6  |
| <b>Iran (Islamic Republic of)*</b> | 1 | 2 | 1 |   |   | 1 | 5  |
| <b>Israel*</b>                     |   | 2 |   | 1 |   |   | 3  |
| <b>Italy*</b>                      |   | 1 |   | 1 |   |   | 2  |
| <b>Japan*</b>                      | 1 | 5 | 2 | 1 |   | 1 | 10 |
| <b>Jordan</b>                      |   | 1 |   |   |   |   | 1  |
| <b>Kazakhstan</b>                  | 1 | 3 |   |   |   | 1 | 5  |
| <b>Kenya</b>                       | 1 |   |   |   |   | 1 | 2  |
| <b>Kiribati</b>                    |   |   | 1 |   |   |   | 1  |
| <b>Kuwait</b>                      |   |   | 1 |   |   |   | 1  |
| <b>Kyrgyzstan</b>                  |   | 1 |   |   |   |   | 1  |
| <b>Libyan Arab Jamahiriya</b>      |   |   | 1 |   |   |   | 1  |
| <b>Madagascar</b>                  |   | 1 |   |   |   | 1 | 2  |
| <b>Malaysia</b>                    |   |   | 1 |   |   |   | 1  |
| <b>Mali</b>                        |   | 1 |   |   |   |   | 1  |
| <b>Mauritania</b>                  |   |   | 1 |   |   |   | 1  |
| <b>Mexico*</b>                     |   | 3 | 1 |   | 1 |   | 5  |
| <b>Mongolia</b>                    | 1 |   | 1 |   |   | 1 | 3  |
| <b>Morocco</b>                     |   | 1 |   |   |   |   | 1  |
| <b>Namibia</b>                     |   | 1 |   |   |   | 1 | 2  |
| <b>Nepal</b>                       |   | 1 |   |   |   |   | 1  |
| <b>New Zealand</b>                 |   | 3 | 2 | 1 |   | 1 | 7  |
| <b>Niger</b>                       | 1 |   | 1 |   |   |   | 2  |
| <b>Norway*</b>                     | 2 | 2 | 1 |   |   | 1 | 6  |
| <b>Oman</b>                        |   | 1 |   |   |   |   | 1  |
| <b>Pakistan*</b>                   | 1 |   |   |   |   | 1 | 2  |
| <b>Palau</b>                       |   |   |   |   |   | 1 | 1  |
| <b>Panama</b>                      |   |   | 1 |   |   |   | 1  |
| <b>Papua New Guinea</b>            |   | 2 | 1 |   |   | 1 | 4  |
| <b>Paraguay</b>                    | 1 |   |   |   |   | 1 | 2  |
| <b>Peru*</b>                       |   | 2 |   |   |   |   | 2  |
| <b>Philippines</b>                 |   | 2 | 1 |   |   |   | 3  |
| <b>Portugal</b>                    |   |   | 1 |   | 1 | 1 | 3  |
| <b>Republic of KOREA</b>           | 1 |   |   |   |   |   | 1  |

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|                                                              |    |     |    |    |    |    |     |
|--------------------------------------------------------------|----|-----|----|----|----|----|-----|
| <b>Romania*</b>                                              |    | 1   |    |    |    |    | 1   |
| <b>Russian Federation*</b>                                   | 6  | 13  | 8  | 1  |    | 4  | 32  |
| <b>Samoa</b>                                                 |    | 1   |    |    |    |    | 1   |
| <b>Saudi Arabia</b>                                          | 1  | 1   |    |    |    |    | 2   |
| <b>Senegal</b>                                               |    | 1   |    |    |    |    | 1   |
| <b>Solomon Islands</b>                                       |    | 1   |    |    |    |    | 1   |
| <b>South Africa*</b>                                         | 1  | 1   | 1  | 1  |    | 1  | 5   |
| <b>Spain*</b>                                                | 1  |     |    |    |    |    | 1   |
| <b>Sri Lanka</b>                                             |    | 1   |    |    |    |    | 1   |
| <b>Sweden*</b>                                               |    | 1   | 1  |    |    |    | 2   |
| <b>Switzerland*</b>                                          |    | 1   |    |    |    |    | 1   |
| <b>Thailand</b>                                              | 1  |     | 1  |    |    |    | 2   |
| <b>Tunisia</b>                                               | 1  |     |    |    |    | 1  | 2   |
| <b>Turkey*</b>                                               | 1  |     |    |    |    |    | 1   |
| <b>Turkmenistan</b>                                          | 1  |     |    |    |    |    | 1   |
| <b>Uganda</b>                                                |    | 1   |    |    |    |    | 1   |
| <b>Ukraine*</b>                                              | 1  |     |    |    |    |    | 1   |
| <b>United Kingdom of Great Britain and Northern Ireland*</b> |    | 1   | 4  | 1  | 2  | 4  | 12  |
| <b>United Republic of Tanzania</b>                           |    |     | 1  |    |    |    | 1   |
| <b>United States of America*</b>                             | 5  | 12  | 11 | 1  | 2  | 8  | 39  |
| <b>Venezuela</b>                                             |    | 2   |    |    |    |    | 2   |
| <b>Zambia</b>                                                |    | 1   |    |    |    |    | 1   |
| <b>Zimbabwe</b>                                              |    | 1   |    |    |    |    | 1   |
| <b>TOTALS:</b>                                               | 50 | 120 | 80 | 16 | 11 | 60 | 337 |

+ **Note:** Germany and South Africa will be jointly responsible for an auxiliary seismic station in Antarctica.