



## General Assembly

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## GENERAL AND COMPLETE DISARMAMENT

## N o t i f i c a t i o n !

Note by the Secretary-General

## I. INTRODUCTION

1. On 30 November 1987, the General Assembly adopted **resolution 42/38 C**, the operative part of which reads as follows:

"The General Assembly,

"...

"1. Calls upon all States to comply with resolution **41/59 N**;

"2. Again urges each of the **States conducting nuclear explosions** to provide to the Secretary-General **within one week of each nuclear explosion** such data referred to in paragraph 1 of resolution **41/59 N** as they may have available;

"3. Invites all other States to provide to the Secretary-General any such data on nuclear explosions they may have available;

"4. Requests the Secretary-General to make this information immediately available to all Member States and to submit to the General Assembly annually a register of the information provided on **nuclear explosions during the** preceding twelve months."

2. Pursuant to paragraph 4 of the resolution, the relevant information received from three member States - Australia, New Zealand and the Union of Soviet Socialist Republics - during the preceding 12 months (15 September 1989-14 September 1990) is reproduced in section II of the present note in the form of an annual register.

3. The information presented in section II was previously circulated in documents A/45/129 and Add.1, and A/44/87/Add.6 and 7.

## II. ANNUAL REGISTER

### A. Data Provided by States

#### AUSTRALIA

Data on nuclear **explosions** derived from Australian seismological facilities and from institutions in other countries **co-operating** in the **monitoring** of earthquakes and nuclear **explosions**

Quarterly reports on presumed underground nuclear explosions\*

April-June 1989

| <u>Month</u> | <u>Day</u> |                |                   | Estimated<br>body-wave<br><b>magnitude</b> | Estimated<br>yield<br><b>(kilotonnes)</b> | <b>Sequence<br/>number</b> |
|--------------|------------|----------------|-------------------|--|---|----------------------------|
| 1989         |            | Universal time | Locality          |  |   |                            |
| April        | nil        |                |                   |  |   |                            |
| <b>May</b>   | 11         | 1645           | <b>Mururoa</b>    | 5.6  | 20-80                                     | <b>89/7</b>                |
| <b>May</b>   | 15         | 1310           | Nevada            | 4.4  | <b>&lt;10</b>                             | <b>89/8</b>                |
| <b>May</b>   | 20         | 1759           | <b>Mururoa</b>    | <b>4.5*</b>                                | 2   | <b>89/9</b>                |
| <b>May</b>   | 26         | 1807           | Nevada            | 3.7  | <b>&lt;10</b>                             | <b>89/10</b>               |
| June         | 03         | 1730           | <b>Mururoa</b>    | 5.0  | 10-40                                     | 89111                      |
| June         | 10         | 1730           | <b>Fangataufa</b> | 5.5  | 20-80                                     | <b>89/12</b>               |
| June         | 22         | 2115           | Nevada            | 5.2  | 20-80                                     | <b>89f13</b>               |
| June         | 27         | 1530           | <b>Nevada</b>     | 4.9  | 1040                                      | <b>89f14</b>               |

\* For complete explanatory notes, see A/45/129/Add.1, annex.

July-September 1989

| <u>Month</u> | <u>Day</u> |                |                        | <b>Estimated<br/>body-wave<br/>magnitude</b> | <b>Estimated<br/>yield<br/>(kilotonnes)</b> | <b>Sequence<br/>number</b> |
|--------------|------------|----------------|------------------------|--|---|----------------------------|
| 1989         |            | Universal time | Locality               |  |   |                            |
| July         | 08         | 0346           | <b>East</b> Kazakhstan | 5.5  | 20-83                                       | 891'15                     |
| August       | <b>nil</b> |                |                        |  |   |                            |
| September    | 02         | 0416           | East Kazakhstan        | 5.0  | 5-20  | <b>89/16</b>               |
| September    | 14         | 1500           | Nevada                 | 4.7  | 5-20  | <b>89/17</b>               |

October-December 1989

| <u>Month</u>       | <u>Day</u> |                |                   | <b>Estimated<br/>body-wave<br/>magnitude</b> | <b>Estimated<br/>yield<br/>(kilotonnes)</b> | <b>Sequence<br/>number</b> |
|--------------------|------------|----------------|-------------------|--|---|----------------------------|
| 1989               |            | Universal time | Locality          |  |   |                            |
| October            | 04         | 1130           | East Kazakhstan   | 4.7  | <b>&lt;10</b>                               | <b>89/18</b>               |
| <del>October</del> | 19         | 0950           | East Kazakhstan   | 5.9  | 40-150                                      | <b>89/19</b>               |
| October            | 24         | 1630           | Mururoa           | 5.4  | 10-40                                       | <b>89/20</b>               |
| October            | 31         | 1530           | Nevada            | 5.7  | <b>&gt;80</b>                               | <b>89/21</b>               |
| October            | 31         | 1657           | Mururoa           | 5.2  | 10-40                                       | <b>89/22</b>               |
| November           | 15         | 2020           | Nevada            |  | <b>&lt;10</b>                               | <b>89/23</b>               |
| November           | 20         | 1729           | Mururoa           | 5.3  | 10-40                                       | <b>89/24</b>               |
| November           | 27         | 1700           | <b>Fangataufa</b> | 5.6  | 20-80                                       | <b>89/25</b>               |
| December           | 08         | 1500           | <b>Nevada</b>     | 5.4  | 40-150                                      | <b>89/26</b>               |

January-March 1990

| <u>Month</u> | <u>Day</u> |                |          | <b>Estimated</b>       | Estimated             | <b>Sequence</b> |
|--------------|------------|----------------|----------|------------------------|-----------------------|-----------------|
| 1990         |            | Universal time | Locality | body-wave<br>magnitude | yield<br>(kilotonnes) | number          |
| January      | nil        |                |          |                        |                       |                 |
| February     | nil        |                |          |                        |                       |                 |
| March        | 10         | 1600           | Nevada   | 5.1                    | 20-80                 | <b>90/1</b>     |

April-June 1990

| <u>Month</u> | <u>Day</u> |                |                | <b>Estimated</b>       | Estimated             | Sequence     |
|--------------|------------|----------------|----------------|------------------------|-----------------------|--------------|
| 1990         |            | Universal time | Locality       | body-wave<br>magnitude | yield<br>(kilotonnes) | number       |
| April        | nil        |                |                |                        |                       |              |
| <b>May</b>   | 26         | 0800           | Lop Nor, China | 5.5                    | 20-80                 | <b>90/02</b> |
| June         | 02         | 1730           | Mururoa        | 5.3                    | 10-40                 | <b>90/03</b> |
| June         | 07         | 1730           | Mururoa        | <b>4.3*</b>            | <b>&lt;10</b>         | <b>90/04</b> |
| June         | 13         | 1600           | Nevada         | <b>5.6*</b>            | 40-150                | <b>90/05</b> |

\* Magnitude estimated using Australian seismic data only.

NEW ZEALAND

Data on nuclear explosions at Mururoa Atoll, 1989\*

Geographic co-ordinates: 21°50'S latitude  
138°55'W longitude

| <u>Date</u> | <u>Time</u><br>(Universal time)<br>(hours) | <u>Yield estimate</u><br>(kilotonnes) |
|-------------|--|---------------------------------------|
| 11 May      | 1645                                       | 15                                    |
| 20 May      | 1759                                       | 2                                     |
| 3 June      | 1730                                       | 20                                    |
| 24 October  | 1630                                       | 25                                    |
| 31 October  | 1657                                       | 20                                    |
| 20 November | 1729                                       | 30                                    |

Data on nuclear explosions at Fangataufa Atoll, 1989\*

Geographic co-ordinates: 22°15'S latitude  
138°45'W longitude

| <u>Date</u> | <u>Time</u><br>(Universal time)<br>(hours) | <u>Yield estimate</u><br>(kilotonnes) |
|-------------|--|---------------------------------------|
| 10 June     | 1730                                       | 70                                    |
| 27 November | 1700                                       | 90                                    |

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\* For complete explanatory notes, see A/45/129, annex.

B . Information provided by States

UNION OF SOVIET SOCIALIST REPUBLICS\*

1. On 4 October 1989, at 2.30 p.m., Moscow time, an underground nuclear explosion with a yield of up to 20 kilotonnes was conducted in the Soviet Union at a **test** site *in* the Semipalatinsk region.
2. The test was conducted with a **view** to refining military technology.
3. Radiation levels at the test area and outside the test site are normal.
4. On 19 **October** 1989, at 12.50 p.m., Moscow time, an underground nuclear explosion with a yield of up to 20 and 75 kilotonnes was conducted in the Soviet Union at a test site in the Semipalatinsk region.
5. The test was conducted with a view to refining military technology.
6. Radiation levels at the test **area** and outside the test site are normal.

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\* For complete explanatory notes, see A/44/87/Add.6 and 7.