

## EXHIBITS

Exhibitions were held at both Auckland and Wellington conference venues and, wherever practicable, exhibits were duplicated for display at both centres. Apart from these duplications the general division of material was: Overseas Exhibits shown in Wellington, New Zealand Exhibits shown in Auckland.

Exhibit material was solicited through all the National Committees and through various New Zealand scientific and engineering agencies.

### Auckland.

The Auckland Committee planned the layout and arranged for the construction of the various display booths which were used to exhibit the material from overseas and New Zealand sources. A small theatre was included in which a continuous screening of coloured slides of the Alaskan earthquake was shown. The committee was also responsible for the pictorial display showing the history of New Zealand according to Maori mythology and according to geological theory.

The New Zealand Government Printing Office arranged a special display of books on local subjects, and technical literature was available for perusal and purchase from some of the overseas exhibitors.

Comprehensive photographs of earthquake damage to buildings in both Mexico and Niigata were displayed and, in addition, the Mexican Society of Seismic Engineering exhibited a seismoscope.

New Zealand contributors included the Universities of Auckland and Canterbury, the Ministry of Works, the Department of Scientific and Industrial Research, the Dominion Museum and the Pottery and Ceramics Research Association.

On Tuesday, 26 January, a screening of the Hawkes Bay Disaster film took place.

### Schedule of Exhibits Displayed

#### JAPAN.

Japan National Committee on Earthquake Engineering	- Photos of Niigata Earthquake, June 1964
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EXHIBITS

MEXICO.

- |                                           |   |                                 |
|-------------------------------------------|---|---------------------------------|
| 1. Institute of Engineering               | } | Seismoscope,                    |
| 2. Graduate School of Engineers           |   | Photographs of Building Damage, |
| 3. Mexican Society of Seismic Engineering |   | Publications                    |

U.S.A.

- |                                           |                                             |
|-------------------------------------------|---------------------------------------------|
| Earthquake Engineering Research Institute | - 35-mm slides of 1964 Anchorage Earthquake |
|-------------------------------------------|---------------------------------------------|

NEW ZEALAND.

- |                                                 |                                                                                                                     |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| 1. Dominion Museum                              | - Carving of "Ruaumoko", Maori God of earthquakes and volcanoes                                                     |
| 2. Geological Survey, D.S.I.R.                  | - Geological history of New Zealand: Maori and geological concepts<br>- Relief models and photos of recent faulting |
| 3. Seismological Observatory                    | - New Zealand earthquakes (pictorial)                                                                               |
| 4. Auckland University                          | - Photos and drawings on earthquake engineering research.<br>- Model on shaking table                               |
| 5. Canterbury University                        | - Photos and drawings on earthquake engineering research                                                            |
| 6. Physics and Engineering Laboratory, D.S.I.R. | - Instruments: Peak recorders and 3-component accelerometer                                                         |
| 7. Ministry of Works                            | - Models and drawings of multi-story public buildings                                                               |
| 8. Pottery and Ceramics Research Association    | - Photos of brick veneer tests<br>- Test specimens                                                                  |
| 9. New Zealand Farmers Co-op Association        | - Structural drawings of building which survived Napier earthquake                                                  |
| 10. Daily Telegraph Co. Ltd. Napier             | - Publication on Hawkes Bay Disaster, 1931                                                                          |
| 11. Kingston, Reynolds, Thom & Allardice        | - Model of Ellerslie Racecourse Stand                                                                               |

## EXHIBITS

### Wellington.

In the "Overseas Section", with the exception of the U.S. Coast & Geodetic Survey, all material was mounted by the committee on screens and tables. The U.S. Coast & Geodetic Survey seismograph exhibit was completely pre-fabricated, including display panels and table. The U.S. Earthquake Engineering Research Institute supplied 100 slides of earthquakes in the United States, 1906 - 1956, and these were continuously screened by an auto-timed (8 sec. intervals) rear-mounted projector. The U.S.A. also displayed a commercial exhibit of seismograph equipment.

Mexico displayed photographs of buildings in Mexico City and sample publications.

India displayed seismic zoning maps and photographs of research projects.

The Japan National Committee sponsored a very large display of 100 photographs, drawings of structures, instruments and tests on structures.

In the Theatre foyer, Student Union Building, the New Zealand Seismological Observatory set up a complete exhibit which included a visually-recording seismograph. Other New Zealand exhibits were displayed in the library. These comprised displays by : the Geological Survey, Pottery & Ceramics Research Association and Ruaumoko (all brought from the Auckland exhibition). The Ministry of Works exhibit of the Wellington Postal Centre was displayed in the upstairs vestibule. The carving of Ruaumoko- Maori god of earthquakes and volcanoes - created special interest from overseas visitors. The carving and associated Maori mythology data were provided by the Dominion Museum.

A publications display was set up in the library, providing reference and purchasing facilities for conference delegates. Publications on earthquake engineering were sold on behalf of various institutions, national committees and publishers.

On Tuesday 2 February, after the conclusion of the Conference, the exhibition was held open for the public until 6.00 p.m. The following films were screened at midday, 3.00 p.m. and 4.30 p.m.:-

The Fury of Earthquakes	(Japan)
Men, Steel and Earthquakes	(U.S.A.)
Hawkes Bay Disaster	(New Zealand)
Skopje	(Yugoslavia)

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It was of interest that during the last screening a mild earthquake was felt by some in the audience, and this was recorded on the seismograph in the foyer for the audience to inspect. Attendance on the Public Day totalled an estimated 250. No entrance fee was levied.

No charges were levied on either "commercial" or "non-commercial" exhibits. Return shipping and insurance charges for non-commercial exhibits were paid from conference funds, but commercial exhibitors were required to pay all charges incurred.

### Schedule of Exhibits Displayed

#### INDIA

1. University of Roorkee - Photographs of research projects & equipment  
- Maps of seismic zoning

#### JAPAN

1. Building Research Institute - Photos: curtain wall tests  
Ministry of Construction
2. Port & Harbour Technical - Photos: computer & equipment  
Research Institute, Ministry  
of Transportation
3. Earthquake Research Institute - Photos & Drawings: Micrometer  
University of Tokyo
4. Strong Earthquake Response - Photo & Drawings: SERAC computer  
Analysis Committee
5. Electric Power Development - Photos: Shaking Table  
Company
6. The Hanshin Expressway - Photos & Drawings: Bridges  
Corporation
7. Metropolitan Highway Public - Photos & Drawings: Continuous beams  
Corporation with U.S. oil dampers
8. Japan Highway Public - Photos: Highways & Bridges  
Corporation

## EXHIBITS

9. Japan Prestressed Concrete Engineering Association - Photos: Prestressed concrete tests
  - i) Oriental Concrete Co.
  - ii) P.S. Concrete Co.
  - iii) Building Research Inst.  
Ministry of Construction
10. Japan National Committee on Earthquake Engineering - Photos of Niigata Earthquake, June 1964
11. Japan Embassy, New Zealand - Photos: Structural Tests  
Japan Society of Civil Engineers

### MEXICO

1. Institute of Engineering - Photographs of Structures
2. Graduate School of Engineering &
3. Mexican Society of Seismic Engineering - Sample Publications

### U.S.A.

1. United ElectroDynamics Inc. - Photographs of instruments  
- Instruments
2. U.S. Coast & Geodetic Survey - Photographs of seismograph  
- Instrument
3. Earthquake Engineering Research Institute - 35-mm slides (U.S. earthquakes 1906-1956)

### NEW ZEALAND

1. Seismological Observatory, D.S.I.R. - Seismograph  
- Model of New Zealand foci locations  
- Relief maps of New Zealand earthquake distributions  
- Photos & maps of Observatory stations  
- Photos of earthquake damage

#### EXHIBITS

2. Geological Survey, D.S.I.R. - Relief models & photos of recent faulting
3. Dominion Museum - Carving of Ruaumoko (Maori god of earthquakes & volcanoes)
4. Ministry of Works - Photos of Postal Centre Building  
- Model of structural joint detail
5. Pottery & Ceramics Research Association - Photos of brick veneer tests  
- Test specimens