COORDINATING MINISTER FOR PEOPLE’S WELFARE OF THE REPUBLIC OF INDONESIA

DECREE OF THE
COORDINATING MINISTER FOR PEOPLE'S WELFARE OF THE REPUBLIC OF INDONESIA IN THE CAPACITY OF EXECUTIVE DIRECTOR FOR NATIONAL COORDINATING AGENCY FOR DISASTER MANAGEMENT (BAKORNAS PB)
Number: 21/KEP/MENKO/KESRA/IX/2006

CONCERNING

APPOINTMENT OF A GOVERNMENT INSTITUTION AS FOCAL POINT AND ESTABLISHMENT OF A TSUNAMI EARLY WARNING SYSTEM DEVELOPMENT TEAM

COORDINATING MINISTER FOR PEOPLE’S WELFARE OF THE REPUBLIC OF INDONESIA IN THE CAPACITY OF EXECUTIVE DIRECTOR OF THE NATIONAL COORDINATING AGENCY FOR DISASTER MANAGEMENT (BAKORNAS PB)

Considering:

a. that a majority of Indonesia’s territory is vulnerable to earthquake and tsunami disasters;
b. that the earthquake and tsunami disasters in Nanggroe Aceh Darussalam and North Sumatra and West Java have raised awareness on the importance of developing a Tsunami Early Warning System in Indonesia;
c. that to develop such a system, the State Minister for Research and Technology has coordinated a variety of agencies in preparing a grant scenario Tsunami Early Warning System;
d. that to implement such a programme, there is a need to identify a government institution to act as focal point of the Tsunami Early Warning System Component and to set up a Tsunami Early Warning System Development Team by virtue of the Decree of the Coordinating Minister for People’s Welfare.

In view of:

1. Law No. 18 of 2002 concerning on the National System for Research, Development and Application of Science and Technology;
2. Law No. 32 of 2004 concerning Regional Administrations as amended by Law No. 8 of 2005;
3. Presidential Regulation No. 9 of 2005 concerning Positions, Duties, Functions, Organizational Structures and Working Mechanisms of State Ministers as latest amended by Presidential Regulation No. 62 of 2005;
4. Presidential Decree No. 20/P of 2005;
5. Presidential Instruction No. 4 of 2003 concerning Coordination of the Formulation and Implementation of Strategic Policies for National Development of Science and Technology.
RESOLVED:

Enacted: DECREES OF THE COORDINATING MINISTER FOR PEOPLE’S WELFARE OF THE REPUBLIC OF INDONESIA CONCERNING APPOINTMENT OF A GOVERNMENT INSTITUTION AS FOCAL POINT AND ESTABLISHMENT OF A TSUNAMI EARLY WARNING SYSTEM DEVELOPMENT TEAM

First: To appoint that Government Institution as described in Annex 1 hereof as focal point of the Tsunami Early Warning System Component in Indonesia;

Second: To set up a Tsunami Early Warning System in Indonesia of which team is made up of an Advisory Board, Steering Committee and Executive Team, as described in Annex 2 hereof;

Third: The Government Institution appointed as focal point of the Tsunami Early Warning System in Indonesia has the following duties:
1. The State Ministry for Research and Technology appointed as coordinating focal point for Tsunami Early Warning System Development coordinates technical and operational activities of Tsunami Early Warning System Development with all government institutions involved and is accountable to the Coordinating Minister for People’s Welfare.
2. Government Institution Officials appointed as focal points of the Tsunami Early Warning System component at all times coordinate any plans and the realization of the Tsunami Early Warning System Component amongst each other and are accountable to the State Minister for Research and Technology;

Fourth: The Development Team has the following duties:
1. the Advisory Board, led by a chairperson, provides policies on Tsunami Early Warning System Development;
2. the Steering Committee, led by a chairperson, provides technical and operational directives on Tsunami Early Warning System Development;
3. the Executive Team, led by a chairperson, coordinates technical and operational activities of Tsunami Early Warning System Development with all government institutions involved;

Fifth: Costs arising out of Tsunami Early Warning System Development duties are borne by each respective government institutions.

Sixth: To ensure stronger operations of Tsunami Early Warning System Development, the Development Team under the Executive Team may be further developed by setting up Working Groups as needed by virtue of a separate decree of the State Ministry for Research and Technology, appointed as coordinating focal point of Tsunami Early Warning System Development;
Seventh: This decree will be effective on the date of enactment under the condition that any mistake discovered herein in the future will be duly corrected.

A CITATION hereof will be given to relevant parties for acknowledgement and proper use.

Enacted in Jakarta
Date: 26 September 2006

Coordinating Minister for People’s Welfare of the Republic of Indonesia in the capacity of Executive Director for Bakornas PB
[signed]
Aburizal Bakrie

CC to:

1. Chairperson of Bakornas PB;
2. Minister of Foreign Affairs;
3. Minister of Home Affairs;
4. Minister of Transportation;
5. Minister of National Education;
6. State Minister for Communication and Information;
7. State Minister for National Development Planning/Chairperson of Bappenas;
8. State Minister for Research and Technology;
9. Minister of Energy and Mineral Resources;
10. Minister of Fisheries and Maritime Affairs;
11. State Minister for the Environment;
12. State Minister for Culture and Tourism;
13. Chief of the National Police (Polri);
14. Armed Forces Commander (TNI);
15. Head of the Meteorology and Geophysical Agency (BMG);
16. Head of the Agency for the Development and Application of Technology (BPPT);
17. Head of the National Institute of Science (LIPI);
18. Head of the National Mapping and Survey Coordinating Board (Bakosurtanal);
19. Head of the National Space and Aviation Institute (LAPAN);
20. Rector of the Bandung Institute of Technology (ITB).
GOVERNMENT INSTITUTIONS AS FOCAL POINTS OF THE TSUNAMI EARLY WARNING SYSTEM DEVELOPMENT COMPONENT

<table>
<thead>
<tr>
<th>NO.</th>
<th>TSUNAMI EARLY WARNING SYSTEM COMPONENT</th>
<th>FOCAL POINT</th>
<th>OFFICIAL IN CHARGE</th>
<th>OTHER RELEVANT GOVT INSTITUTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Coordinator of Tsunami Early Warning System Development</td>
<td>Kemenristek</td>
<td>State Minister for R &amp; T</td>
<td>Kemenkokesra, Bappenas, Dep ESDM, DKP, Kemenkominfo, Deplu, Depdiknas, Kemenbudpar, Polri, TNI, Depagri, KLH, BMG, BPPT, LIPI, Bakosurtanal, LAPAN, Bakornas PB, ITB</td>
</tr>
<tr>
<td>II</td>
<td>Operational Component</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.</td>
<td>Seismic Monitoring (Deployment-Monitoring, Processing, Analysis-Dissemination)</td>
<td>BMG</td>
<td>Head</td>
<td>Dep ESDM, LIPI</td>
</tr>
<tr>
<td>2.</td>
<td>Oceanographic Monitoring (DART-Buoys System, Tide Gauges)</td>
<td>BPPT</td>
<td>Head</td>
<td>Bakosurtanal, DKP, BMG</td>
</tr>
<tr>
<td>3.</td>
<td>Coastal Deformation (GPS Measurement)</td>
<td>Bakosurtanal</td>
<td>Head</td>
<td>LIPI, ITB</td>
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<tr>
<td>4.</td>
<td>Operational Center (National Center for Earthquake and Tsunami Disasters, DART-Buoys Center, Tide Gauges Center, GPS Center)</td>
<td>BMG</td>
<td>Head</td>
<td>Bakosurtanal, BPPT, LAPAN, ITB</td>
</tr>
<tr>
<td>5.</td>
<td>Dissemination System</td>
<td>BMG</td>
<td>Head</td>
<td>Kemenkominfo, Depagri, Polri, TNI, Bakornas PB, Kemenristek</td>
</tr>
<tr>
<td>III</td>
<td>Capacity Building</td>
<td></td>
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<tr>
<td>1.</td>
<td>Earthquake and Tsunami Modeling</td>
<td>BPPT</td>
<td>Head</td>
<td>ITB, LIPI, BMG, DKP, LAPAN</td>
</tr>
<tr>
<td>2.</td>
<td>HRD</td>
<td>Kemenristek</td>
<td>Deputy Minister for Utilization and Dissemination of S &amp; T</td>
<td>Kemenkokesra, Bappenas, Dep ESDM, DKP, Kemenkominfo, Deplu, Depdiknas, Kemenbudpar, Polri, TNI, Depagri, KLH, BMG, BPPT, LIPI, Bakosurtanal, LAPAN, Bakornas PB, ITB</td>
</tr>
<tr>
<td>3.</td>
<td>Conference/Workshop/Seminar/Meeting</td>
<td>Kemenristek</td>
<td>Deputy Minister for Utilization and Dissemination of S &amp; T</td>
<td>Kemenkokesra, Bappenas, Dep ESDM, DKP, Kemenkominfo, Deplu, Depdiknas, Kemenbudpar, Polri, TNI, Depagri, KLH, BMG, BPPT, LIPI, Bakosurtanal, LAPAN, Bakornas PB, ITB</td>
</tr>
<tr>
<td>No.</td>
<td>Tsunami Early Warning System Component</td>
<td>Focal Point</td>
<td>Official in Charge</td>
<td>Other Relevant Govt Institutions</td>
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<td></td>
<td>Bakosurtanal, LAPAN, Bakornas PB, ITB</td>
</tr>
<tr>
<td>4.</td>
<td>Geological R &amp; D</td>
<td>LIPI</td>
<td>Deputy for Geological Sciences</td>
<td>Kemenkokesra, Bappenas, Dep ESDM, DKP, Kemenkominfo, Deplu, Depdiknas, Kemenbudpar, Polri, TNI, Depdagri, KLH, BMG, BPPT, LIPI, Bakosurtanal, LAPAN, Bakornas PB, ITB</td>
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<tr>
<td>5.</td>
<td>Increasing local content in equipment</td>
<td>Kemenristek</td>
<td>Deputy Minister for Utilization and Dissemination of S &amp; T</td>
<td>LIPI, BMG, ITB, Bakosurtanal</td>
</tr>
</tbody>
</table>

IV Mitigation, Emergency Response, Rehabilitation and Reconstruction

1. Community Preparedness and Awareness | LIPI | Head | Dep ESDM, Bakornas PB, Depagri, KLH, DKP, Depdiknas |
2. Public Education | Depagri | Director-General for General Administration | Kemenkokesra, Bappenas, Dep ESDM, DKP, Kemenkominfo, Deplu, Depdiknas, Kemenbudpar, Polri, TNI, Depdagri, KLH, BMG, BPPT, LIPI, Bakosurtanal, LAPAN, Bakornas PB, ITB |
3. Tsunami Drill | Kemenristek | Deputy Minister for Utilization and Dissemination of S & T | Kemenkokesra, Kemenbudpar, BMG, DKP, Polri, LIPI, TNI, Depdagri, KLH, BMG, LIPI, Bakosurtanal, LIPAN, Bakornas PB, ITB |

V Supporting Component

1. Information and Communication Technology | Kemenkominfo | Director-General for Communication and Information Dissemination Facilities | BMG, BPPT, Bakosurtanal, Kemenristek, LAPAN, KLH |
2. Geospatial Data and Information | Bakosurtanal | Head | LAPAN, Depdagri, KLH |

Coordinating Minister for People’s Welfare of the Republic of Indonesia in the capacity of Executive Director for Bakornas PB

[signed]

Aburizal Bakrie
<table>
<thead>
<tr>
<th>Agency Abbreviation</th>
<th>Full Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kemenristek</td>
<td>State Ministry for Research and Technology</td>
</tr>
<tr>
<td>Kemenkokesra</td>
<td>Coordinating Ministry for People’s Welfare</td>
</tr>
<tr>
<td>Bappenas</td>
<td>National Development Planning Agency</td>
</tr>
<tr>
<td>Dep ESDM</td>
<td>Ministry of Energy and Mineral Resources</td>
</tr>
<tr>
<td>DKP</td>
<td>Ministry of Fisheries and Maritime Affairs</td>
</tr>
<tr>
<td>Kemenkominfo</td>
<td>State Ministry for Communication and Information</td>
</tr>
<tr>
<td>Deplu</td>
<td>Ministry of Foreign Affairs</td>
</tr>
<tr>
<td>Depdiknas</td>
<td>Ministry of National Education</td>
</tr>
<tr>
<td>Kemenbudpar</td>
<td>State Ministry for Culture and Tourism</td>
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<tr>
<td>Polri</td>
<td>National Police</td>
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<tr>
<td>TNI</td>
<td>National Army</td>
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<tr>
<td>Depagri</td>
<td>Ministry of Home Affairs</td>
</tr>
<tr>
<td>KLH</td>
<td>State Ministry for the Environment</td>
</tr>
<tr>
<td>BMG</td>
<td>Meteorology and Geophysical Agency</td>
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<td>BPPT</td>
<td>Agency for the Development and Application of Technology</td>
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<td>LIPI</td>
<td>National Institute of Science</td>
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<td>Bakosurtanal</td>
<td>National Mapping and Survey Coordinating Board</td>
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<tr>
<td>LAPAN</td>
<td>National Space and Aviation Institute</td>
</tr>
<tr>
<td>Bakornas PB</td>
<td>National Coordinating Agency for Disaster Management</td>
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<tr>
<td>ITB</td>
<td>Bandung Institute of Technology</td>
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</table>
Annex II
Decree of the Coordinating Minister for People’s Welfare
Number : 21/KEP/MENKO/KESRA/IX/2006
Date : 26 September 2006

TSUNAMI EARLY WARNING SYSTEM DEVELOPMENT TEAM

Coordinating Minister for People’s Welfare

STEERING COMMITTEE
Chair: State Minister for R & T
Deputy I: Head of BMG
Deputy II: Menkokesra Deputy for Social Welfare
Deputy III: Menristek Deputy for Utilization and Dissemination of S & T

Members:
1. Deputy to Head of BMG for Data and Information Systems, BMG
2. Deputy to Head of LIPI for Geological Sciences
3. Director-General for Communication and Information Dissemination Facilities, Kemenkominfo
4. Deputy to Head of LAPAN for Remote Sensing
5. Secretary-General of Deplu
6. Director-General for General Administration, Depdagri
7. Head of the Geology Agency, DEP ESDM
8. Director-General for Tourist Destination Development, Kemenbudpar
9. Deputy of Kapolri for Operations
10. Chief of General Staff, TNI
11. Rector of ITB
12. Deputy to Head of BPPT for Natural Resources Development
13. Deputy to Head of Bakosurtanal for Base Mapping
14. Deputy to KLH Minister for the Development of Technical Facilities and Capacity Building
15. Deputy to Chairperson of Bakornas PB for Disaster Management
16. Chief of the Fisheries and Maritime Affairs Research Center, DKP
17. Deputy to the chairperson of Bappenas for economic affairs

EXECUTIVE TEAM
Chair: Assistant to Deputy for Science and Technology Needs Assessment, Kemenristek
Deputy I: Chief of the Center of Geophysical Data and Information System, BMG
Deputy II: Assistant to Deputy for Social Insecurity, Kemenkokesra
Deputy III: Assistant to Deputy for Diffusion and Dissemination of Science and Technology, Kemenristek

Members:
1. Chief of the Observatory Network Center, BMG
2. Chief of the Geotechnological Research Center, LIPI
3. Center of the Oceanographic Research Center, LIPI
4. Chief of Center for Population, LIPI
5. Director for Institutional Government Communication, Kemenkominfo
6. Director for Disaster Management, Prevention and Mitigation, Depdagri
7. Chief of the Bureau for Mitigation, Bakornas PB
8. Director for Asean Functional Cooperation, Deplu
9. Chief of the Fisheries and Maritime Affairs Research Center
10. Chief of the Maritime Survey Technology Center, BPPT
11. Chief of the Maritime and Aerospace Base Mapping Research Center, Bakosurtanal
12. Director for Tourism Production, Kemenbudpar
13. Chief of the Control and Operations Center, Polri
14. Chief of the Control and Operations Center, TNI
15. Chief of the Geodesic and Geodynamic Center, Bakosurtanal
16. Assistant to Deputy for Environmental Data and Information, KLH
17. Chief of the Natural Disaster Mitigation Center, ITB
18. Chief of the Volcanology and Disaster Mitigation Center, DEP ESDM
19. Chief of the Center for Remote Sensing Technology Development and Utilization, LAPAN
20. Director for Science and Technology Industry and State-Owned Enterprises, Bappenas

Coordinating Minister for People’s Welfare of the Republic of Indonesia in the capacity of Executive Director for Bakornas PB

[signed]
Aburizal Bakrie