Need for Uniformity of Application of Traffic Control Devices in Developing Nations Through Acceding to the UN Conventions

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Region contributes to **54%** of the Global Road Fatalities
Road Fatalities in India
1,34,000 in year 2010 & Rising at 5.5%
Working Party on Road Traffic Safety (WP.1)

- In 1988, the Working Party on Road Traffic Safety (WP.1), an intergovernmental body, was established to focus on improving road safety.
- Its primary function is to serve as guardian of the United Nations legal instruments aimed at harmonizing traffic rules.
- In 2010, UNECE’s Road Safety Forum (WP.1) celebrated 60 years of road safety initiatives in the United Nations system.
Road Safety

Traffic Engineering

Traffic Control Devices
- Vienna Convention on Road Signs and Signals 1968
- Consolidated Resolution on Road Signs and Signals (R.E.2)

Legislation
- Vienna Convention on Road Traffic 1968
- Consolidated Resolution on Road Traffic (R.E.1)
Vienna Conventions

<table>
<thead>
<tr>
<th>Vienna Convention on Road Signs and Signals</th>
<th>Vienna Convention on Road Traffic</th>
</tr>
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<tbody>
<tr>
<td><strong>Ratifications of the convention (as of 2004)</strong></td>
<td><strong>Signed</strong></td>
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<tr>
<td><strong>Signed</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Location</strong></td>
<td>Vienna</td>
</tr>
<tr>
<td><strong>Effective</strong></td>
<td>6 June 1978</td>
</tr>
<tr>
<td><strong>Condition</strong></td>
<td>Ratification by 15 states</td>
</tr>
<tr>
<td><strong>Signatories</strong></td>
<td>35</td>
</tr>
<tr>
<td><strong>Contracting Parties</strong></td>
<td>62 (as of August 2011)</td>
</tr>
<tr>
<td><strong>Depositary</strong></td>
<td>UN Secretary-General</td>
</tr>
<tr>
<td><strong>Languages</strong></td>
<td>Chinese, English, French, Russian and Spanish</td>
</tr>
</tbody>
</table>
Road Signs and Signals, 1968

62 Contracting Parties

Convention on Road Signs and Signals, of 8 November 1968
# of Countries: 195

Contracting Parties: 62 (32%)
Participating Countries in WP-1

Limited to Members of the ECE which are specified in paragraph 7 of the Terms of Reference of the ECE (document E/ECE/778/Rev.3)

There is hardly/no attendance of other Non-member/Contracting parties which are specified as members with only a Consultative Status.
What language of these world currencies can you understand?
An International License issued by India says:

• License is valid in the following 164 Contracting States

Valid from: 12.6.2007

License No.: RMO 12213

List of Contracting States

Afghanistan
Albania
Algeria
Andorra
Angola
Argentina
Australia
Austria
Bahamas
Bahrain
Bangladesh
Barbados
Belgium
Belize
Benin
Bhutan
Bolivia
Botswana
Bouvet Island
Bulgaria
Burkina Faso
Cameroon
Canada
Cape Verde
Cayman Islands
Central African Republic
Chad

Chile
Colombia
Comores
Congo
Costa Rica
Cote d’Ivoire
Cuba
Curacao
Cyprus
Czech Republic
Czechoslovakia
Denmark
Djibouti
Dominican Republic
Ecuador
Egypt
El Salvador
Fiji
Finland
France
France and French Overseas Departments
Gabon
Gambia

Germany
Ghana
Gibraltar
Greece
Guatemala
Guernsey
Guinea
Guinea-Bissau
Guyana
Haiti
Honduras
Hungary
Iceland
India
Indonesia
Iran
Ireland
Israel
Italy
Japan
Jersey
Jordan
Kampuchea
Kenya

List of Contracting States

Korea (Rep.)
Kuwait
Laos
Lawa
Lebanon
Lesotho
Liberia
Libya
Liechtenstein
Liberia
Luxembourg
Macau
Madagascar
Malawi
Malaysia
Maldives
Mali
Mauritania
Mauritius
Mexico
Monaco
Morocco
Mozambique
Myanmar
Namibia
Nepal
Netherlands
New Caledonia
New Zealand
Nicaragua
Niger

Norway
Oman
Pakistan
Panama
Papua New Guinea
Paraguay
Peru
Philippines
Portugal
Poland
Qatar
Romania
Russia
San Marino
Saudi Arabia
Senegal
Serbia
Seychelles
Sierra Leone
Singapore
South Africa
South Korea
Spain
Sri Lanka
Sudan

Suriname
Swaziland
Sweden
Switzerland
Syria
Taiwan
Thailand
Tunisia
Turkey
Uganda
U.S.S.R. (Now C.I.S.)
United Arab Emirates
United Kingdom
United States of America
Venezuela
Vietnam
Western Samoa
Windward Islands
Yemen
Yugoslavia
Zaire
Zambia
Zimbabwe

Validity: A

Question
International license in Contracting States should denote adherence/uniformity of

Rules of Road Regulation (Convention of Road Traffic) &
Signs, Signals and Road Markings (Convention on Road Signs and Signals)
A primary review of Convention on Road Signs and Signals in countries of South Asian Region done by IRTE presents
Traffic Management in Countries of South Asian Region have a challenge with over 60% of the total motor vehicle population as motorist two-wheelers.
Developed Countries
Developing Countries

Vietnam
Indonesia
Thailand
Bangladesh
Laos
India
Glimpse of Road Signs

BANGLADESH
CAMBODIA
INDIA
MALAYSIA
SINGAPORE
THAILAND
LAOS
กีฬะบุบทามสัมผัส
ทามเส้นทางต่างๆ

2004
MALAYSIA
Road signs in Malaysia

**Regulatory signs**

- Yield
- Stop and yield
- No entry
- Speed limit sign
- No motorcycles
- No U-turn
- No vehicle crossing
- No overtaking
- Minimum speed limit
- Weight limit
- No trucks
- No buses
- No stopping
- No parking
- Pedestrians only
- Keep left
- No motorcycles
- No U-turn
- No vehicle crossing
- No overtaking
- Direction to be followed left or straight
- Sound horn
- Time-limited parking

**Warning signs**

- Crossroads sign
- Danger sign
- Slippery road
- Winding Road sign
- Road Work
- Merge
Malaysian expressway codes with highway concessionaires’ logo and SOS hotline

- **E12**
- **15.5**
- **TnG**
- **S.O.S.**
- **Exit 1km away**
- **Exit 5km away**
- **Gantry signs: 1km approaching**
- **Gantry signs: 5km approaching**
- **Exit chasers**
- **Toll plaza ahead**
- **Phone toll e-balance**
- **Toll fare rates list**
- **Touch toll e-balance on**
- **End of expressway**

**White with Black letters for exit signs (Usually at Federal Highway)**

- **Encode/Decode charts**
- **Junction to next destinations (usually for rural roads)**
- **Secondary destinations (usually for toll roads)**
- **Primary destinations**
- **Name of roads**
Mandatory & Prohibitory Signs

Warning Signs
Regulatory, Temporary Warning & Temporary Information Signs

Information Signs
Many Countries in the South Asian Region have either not signed to the U N Convention or are not adhering to the same.
Italy
Italy
Switzerland
Standard Display of Reversible Lanes

Lane is closed.

Lane closure is imminent.

Lane is open.
Malaysia
Minimum Speed Limit Sign

Source: [http://en.wikipedia.org/wiki/Road_signs_in_Malaysia](http://en.wikipedia.org/wiki/Road_signs_in_Malaysia)
Time-Limited Parking

Source: http://en.wikipedia.org/wiki/Road_signs_in_Malaysia
Cambodia
C, 3m “NO ENTRY FOR VEHICLES CARRYING MORE THAN A CERTAIN QUANTITY OF EXPLOSIVES OR READILY INFLAMMABLE SUBSTANCES"
Singapore
Thailand
Restriction Ends
Signs absent in Vienna Convention

- Sound Horn Sign Malaysia
- Temporary GO Sign Bangladesh
- Fire Station Sign Bangladesh
- Forest Fire Warning Sign Cambodia
- Compulsory Sound Horn India
- Accident Area Ahead Malaysia
- Thailand
Some queries regarding conventions

Priority Road Sign

Cautionary Sign

Cautionary Sign

B. 3

A<sup>a</sup>

A<sup>b</sup>
Singapore

Left Bend Ahead Sign

Left Bend Ahead Sign (Temporary)

Cambodia

Priority Signs

Priority Road
(Priority at the First Junction)
• Development of need based standards
• Uniformity of standards
WP 1 as the Custodian

• Custodian must be also giving clarifications as to what is right and wrong
Need to impress upon countries to become Contracting Parties
Need to undertake research project in 16 countries of ASEAN/South Asian region with similar traffic conditions on
• Rules of Road Regulations
• Standards of Traffic Control Devices
UNESCAP does not have the Responsibility to promote the UN Conventions.
IRTE offers to become the basis of regional coordination
Facilities at the College

The Auditorium
IRTE Invites Members of the Working Party 1 for a Special Session on Developing countries of South Asian Region at The College of Traffic Management
Thank You

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