

## SEMINAR PROGRAMME 6-8 April 2011

### "Management of Winter service in an extreme continental climate country"

#### First day of the Seminar (6th April)

Hour	Activity	Presenter
09.00-09.30	Registration of participants	Organizers
09.30 -10.30	Opening Ceremony - Welcome speech from Ministry of Roads, Transport, Construction and Urban Development, Mr.Battulga - Welcome speech from department of roads, Mr.Enkhtor - Welcome speech from PIARC by Ms.Gudrun Oberg, chair TC B5 Winter Service	
10.30-11.30	Presentation of the PIARC Technical Committee B5 Winter Service Strategic issues Chairing of the session: Mr.Tadayuki Tazaki, former chair of PIARC TC B5 and Mrs.Gudrun Oberg chair of PIARC TC B5	
10.30-10.45	General presentation of the introductory report	Mrs.Gudrun Oberg, Sweden
10.45-11.00	Communication with road users	Mr.Kuno Mannik, Estonia
11.00-11.15	Snow and Ice Control Data book Edition 2010	Mr.Didier Giloppe, France
11.15-11.30	Sharing Knowledge Québec/Hrádec Kralové	Ms.Gudrun Oberg, Sweden
11.30-12.00	Coffe Break	Organizers
<b>12.00-13.00</b>	<b>Session 1- Experiences from the winter maintenance local experience Chairing of the session : Mr.Enkhtor and Mr.Kuno Mannik TC B5, Estonia</b>	
12.00 - 12.15	Winter maintenance in Mongolia	Mr.Enkhtor, Mongolia

12.15 -12.30	Winter maintenance in Russia “Winter maintenance of roads - one of the most important directions in the activities of road engineers in the Commonwealth of Independent States”	Mr.Buri Karimov, Russia
12.30 - 12.45	Winter maintenance in China	Mr.Chen Xiao Guang, China
12.45-13.00	Winter maintenance in Slovak	Mr.Zilina, Slovak
13.00-14.30	Lunch	Organizers
<b>14.30-16.05</b>	<b>Session 2- Experiences from the winter maintenance local experience Chairing of the session : Mr.Onon and Mr.Vidar Engmo, TC B5 , Norway</b>	
14.30-14.45	Winter Snow Removal Operations on IMAR Expressway	Mr.Chai Jin Yi, Inner Mongolia University
14.45-15.00	Winter maintenance in Poland	Mr.Aleksandra Cybulska and Mr. Tomasz Pyszczek, Poland
15.00 -15.15	Lessons from the Experiences in the 2011 Winter Season in Japan	Mr.Tadayuki Tazaki, Japan
15.15-15.30	Level of service for winter service	Mr.Didier Giloppe, France
15.30-15.50	Effects of Climate Change on the Winter Road Environment in Hokkaido	Mr.Fumihito Hara, Japan
15.50-16.05	Development and Application of Snowplows in Xinjiang and Their Placements in Winter (tentative)	Mr.Liu Jian, XinJiang
	Questions and Answers	
16.05-16.30	Coffee break	Organizers
<b>16.30-17.30</b>	<b>Session 3- Technology, materials and mechanization in the winter maintenance and particular measures for difficult climates Chairing of the session: Mr.Gantomor and Mr.Fumihito Hara TC B5, Japan</b>	
16.30 – 16.50	The materials use for winter viability, Grain size (salt, sand) Heated sand	Mr.Vidar Engmo, Norway
16.50-17.10	Winter maintenance equipment and snow removal techniques	Mr.Koji Katano, Japan
17.10-17.30	Solutions for Snow drift	Mr.Masaru Matsuzawa, Japan
	Questions and Answers	

18.00-21.00	Mongolian culture ceremony and Welcome dinner	Organizers
<b>Second day of the Seminar (7th April)</b>		
<b>Hour</b>	<b>Activity</b>	<b>Presenter</b>
09.00-11.00	<b>Session 4- Organization, Research and new technology solution in the winter maintenance Chairing of the session: Mr.Batsuri and Mr.Masaru Matsuzawa TC B5, Japan</b>	
09.00-9.20	The link with weather information to road users	Mr.Kuno Mannik, Estonia
09.20-9.40	Characteristics of Winter Traffic Accidents in the Northernmost Island of Japan, Hokkaido	Mr.Motoki Asano, Japan
09.40-10.00	How to take care of traffic safety under difficult winter condition, specially concerning roads at high altitude	Mr.Vidar Engmo, Norway
10.00-10.20	Frost Protection of Road in Hokkaido	Mr.Masayuki Kumagai, Japan
10.20-10.40	Winter Road Management Using Friction Testing	Mr.Naoto Takahashi, Japan
10.40-11.00	Design of roads to prevent severe problem under winter condition	Mr.Vidar Engmo, Norway
	Questions and Answers	
10:30	Coffe Break	Organizers
11.40-13.00	Round table-Final discussion	
13.00-14.30	Lunch	
15.00-17.00	Meeting point-Special guests with Ministry of Road, Transportation, Construction and Urban Development and Director of Roads Department	
<b>Third day of the Seminar (8th April)</b>		
09.00-09.30	Refreshments	Organizers
	<b>Technical Visit</b>	
09.30-18.00	Departure to 13th Century National Park and Chinggis Khaan statue	Organizers