

Newsletter on the Latest Technologies Developed by RTRI

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Railway Technology Avalanche

June 23, 2009 No.27

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President's Inaugural Address

Hisashi TARUMI

President

I assumed office as the President of the Railway Technical Research Institute (RTRI) in April 2009, succeeding Dr. Akita. After joining the RTRI when it formed part of Japanese National Railways (JNR) 39 years ago, I experienced a number of different positions including several at other organizations within JNR. At the time of the privatization and division of JNR, I was involved with planning the re-organization of the RTRI as an independent entity. For more than 20 years, the RTRI has been steadily attaining success in the field of R&D, especially in the development of railways for higher speeds, in the prevention of natural disasters, including earthquakes, and in the improvement of safety and convenience of travel, thereby making a significant contribution to railway operators as well as to Japanese society. The responsibilities now assigned to me are to follow through the current master plan, which is now in its final fiscal year, to prepare a new master plan for the coming years, and to promote preparations to cope with the reorganization of the public-interest corporation system undertaken by the Japanese government. Regarding the current master plan, the accomplishment of research projects that require comparatively long research periods is important. These include the design and application of a new signalling system, development of an evaluation method for vehicles' dynamic characteristics by using a hybrid simulator (HILS), evaluation of seismic performance and establishment of disaster-prevention countermeasures for existing railway facilities. In preparing a new master plan, on the other hand, it is necessary for the RTRI to establish R&D plans which will enable railways to play a greater role in sustainable development not only using our past experience but also taking fresh ideas and looking at the railway from a different angle. We shall also need to introduce research results and techniques covering non-railway fields as well. I will endeavour to accelerate the integration of accumulated

knowledge on fundamental technologies and focus more on basic research. The RTRI is now preparing documents and materials required for the renovation of the public-interest corporation system.



Although it is still not known how this issue will develop in the future, I will do my utmost to reinforce the alreadyestablished close relationship with the railway operators. The various industries need to respond seriously to the global economic slowdown triggered by financial crises, the reduction of greenhouse gases, and problems of resources and energy. Expectations for railways are constantly rising and in particular, there is really no end to the topics of railway enhancement and revitalization in overseas countries. In order to efficiently promote R&D capable of contributing to railway businesses while solving various problems, it is essential to enhance co-operation with related research organizations, in this country and overseas. I sincerely request you to positively extend your co-operation and exchange information with the RTRI. This Newsletter has been issued since 2003, as proposed by Dr. Hiroyuki Sakai, International Affairs Division, when I was Executive Director, International Affairs, so as to quickly publicize research outcomes abroad. I thank you for your understanding and co-operation.

