**Principal Risks and Countermeasures**

The Hankyu Hanshin Holdings Group’s approaches to risks related to businesses and other risks that may be of concern to investors are stated below.

Further, forward-looking statements in this report reflect the Group’s assessments as of 31st March 2016. Moreover, these statements do not negate the possibility of the said risks affecting the Group’s business results or financial position.

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| ▪ Borrowing rates could increase due to changes in financial markets or fund-raising from markets could become difficult.  
▪ Sudden changes in financial markets could affect the Group’s business results or financial position. | ▪ The Group limits exposure to the risk of interest rate increases by giving priority to the undertaking of long-term loans with fixed interest rates.  
▪ The Group secures financing by establishing backup lines of credit based on commitment lines set up with correspondent financial institutions. |
| ▪ Changes in the economic climate could cause exchange rate volatility.  
▪ Greater-than-expected volatility could affect the Group’s business results or financial position. | ▪ The Group uses forward exchange contracts, currency swap contracts, and currency option contracts to mitigate exchange rate fluctuation risk associated with certain foreign currency-denominated monetary payables and receivables.  
Further, the Group’s overseas sales were less than 10% of consolidated revenues from operations as of 31st March 2016. |

**Risks related to businesses**

| ▪ The further aging of society is expected to increase capital investment for safety countermeasures and construction to make facilities barrier-free.  
▪ Due to population decline resulting from lower birthrates, the Group’s railways, buses, and taxis could see demand for passenger transportation decrease. Also, demand could decrease in other business. | ▪ Through continuous initiatives to heighten the value of the Umeda area and other areas served by the Hankyu and Hanshin lines, the Group creates line-side areas in which people want to live in long term or visit frequently.  
▪ The Group has set its sights on growing by developing such new markets as the Tokyo metropolitan area market and overseas markets.  
For details about business strategies for medium-to-long-term growth, please see pages 18 to 21. |
| ▪ An accident in the railway business could cause customers great suffering. | ▪ The Group is keenly aware that being entrusted with passengers’ lives is a serious responsibility. Therefore, placing first priority on ensuring the safety of customers is the basis of its business management.  
▪ Based on its strong commitment to putting customers first and giving the highest priority to safety, the Group is implementing a wide range of measures to upgrade tangible and intangible infrastructure and provide customers with improved safety.  
For details about safety measures in the Urban Transportation Business, please see pages 68 to 72. |
| ▪ Power supply shortages could disrupt train operations and other services. Also, higher electric utility rates could increase power and other costs. | ▪ The Group is steadily introducing energy-saving equipment to curb power consumption as much as possible.  
▪ The Group takes rigorous measures to ensure employees are aware of the importance of cost reductions.  
For details about the introduction of energy-saving rolling stock in the Urban Transportation Business, please see page 43. |
### Principal Risks

- **A loss of trust in the quality and safety of products and services that the Group sells and offers or in the information it provides about them could lower revenues and lead to a deterioration in business results.**

- **Natural disasters, such as earthquakes, typhoons, or floods, or acts of terrorism could significantly damage the Group’s businesses or transportation network infrastructure.**

- **An outbreak or epidemic of an infectious disease such as severe acute respiratory syndrome (SARS) or a new strain of influenza could restrict economic activities or discourage customers from going out.**

### The Group’s Countermeasures

- **The Group ensures the quality and safety of its products and services and the appropriateness of the information it provides about them by confirming compliance with relevant laws and regulations and checking quality and hygiene management and food labelling.**

- **In the areas alongside their railway lines, Hankyu Corporation and Hanshin Electric Railway have installed water meters for rivers and rain and wind gauges for collecting observation data. Also, they use real-time information from meteorological observatories to ensure safe train operations.**

- **If seismographs detect an earthquake with a seismic intensity of four or above, or if earthquake early warning systems forecast an earthquake of the same seismic intensity, the Group immediately begins procedures for the emergency suspension of the operations of all trains on line segments in earthquake zones.**

- **If the Group recognises that continued vigilance is required with respect to acts of terrorism or other acts, or if suspicious items or persons are discovered or damage is incurred, it conducts crisis management appropriate to the threat level.**

- **The Group has established emergency response systems for minimising the effect on society in the unlikely event of an incident that causes a long disruption to transportation services or results in a large number of casualties.**

- **In preparation for the spread of an infectious disease, such as a new strain of influenza, the Group’s core companies have directed the establishment of business continuity plans for each business division. During the outbreak of a new strain of influenza in 2009 and 2010, the Group minimised the effect on its businesses by determining the level of risk through ongoing surveys of each business division in relation to infection rates among employees and their families.**

- **In the railway business, which provides a particularly important part of society’s transportation infrastructure, the Group has established specific response plans in advance. For example, it has prepared multiple timetables based on scenarios envisaging shortages of transportation personnel due to the sudden spread of an infectious disease.**

For further information on risks related to businesses and other risks, please see page 77.
Safety Initiatives in the Railway Business

Hankyu Corporation

Safety Objective

- Maintaining the elimination of accidents for which we bear responsibility

For the fiscal years from fiscal 2016 onward, we again set elimination of accidents for which we bear responsibility as our safety objective. This has been our safety objective since 2006, and we will continue to do our utmost to achieve it.

Safety Policy and Safety Priority Measures

Provide safe, high-quality transportation services that fully justify public trust—Hankyu Corporation: Safety and comfort

1. Promote awareness to prevent accidents caused by customers
2. Prevent accidents by using accident precursor information and accident examples
3. Upgrade and introduce equipment and facilities to realise even safer railways
4. Identify risks that threaten business continuity and prepare and implement countermeasures
5. Conduct highly effective training to realise rapid, reliable emergency responses
6. Facilitate transition to new Total Traffic Control (TTC) system and enhance emergency responses that are compatible with the new system
7. Conduct training to heighten employees’ safety awareness even further
8. Continue training aimed at ensuring personnel development and the passing on of skills
9. Establish workplaces with an open atmosphere

Safety Management System

Positions and Roles

- **President:**
  The President determines the implementation, management organisation, and rules of the railway business. In addition, when formulating the Medium-Term Management Plan, which includes facilities and transportation, personnel, investment, and budget, the President verifies and ascertains the situation from the perspectives of safety and feasibility and instructs on improvements.

- **Chief Safety Manager:**
  In order to prioritise securing the safety of railway facilities and rolling stock and the handling of operations, and to control and manage transportation operations in each division, the Chief Safety Manager works to disseminate safety management regulations and to ensure compliance with related laws and ordinances; to increase awareness of safety as the Group’s most important priority; to confirm the implementation of transportation operations, management conditions, and the progress made in implementing the safety improvement measures stipulated in the Medium-Term Management Plan; and to implement improvement measures.

- **Chief Train Operations Manager:**
  The Chief Train Operations Manager manages operations-related duties, including utilising the employees involved in operations, railway facilities, and rolling stock; setting and revising the operations plan; managing train crews, the operations of rolling stock, and train operations; and providing training for train crews and maintaining their capabilities.

- **Chief Crew Training Manager:**
  Based on the instructions and orders of the Chief Train Operations Manager, the Chief Crew Training Manager maintains and manages the capabilities of train crews and periodically confirms and submits reports on the progress being made in improving their capabilities.

- **Other Managers and Responsible Persons:**
  In each division, other managers and responsible persons maintain and manage the facilities they are responsible for in order to ensure there are no obstacles to realising safe transportation.

Safety Management Promotion Committee

The Safety Management Promotion Committee discusses, investigates, and reports on a variety of proposals for transportation safety. This committee includes the Group Safety Management Promotion Committee, on which the President serves as chairperson; the Business Division Safety Management Promotion Committee, on which the Chief Safety Manager serves as chairperson; and the divisional safety management promotion committees.
Hanshin Electric Railway

Safety Objective

• Maintaining the elimination of accidents for which we bear responsibility

We have maintained elimination of accidents for which we bear responsibility as our safety objective since April 1985.

Safety Policy

Maximum priority on safety

The President, directors, and employees shall do everything possible to ensure safety of operations, based on the understanding that putting the highest priority on ensuring safety is the mission of railway businesses.

Compliance with laws and regulations

The Company shall comply with all laws and regulations related to safety and apply them rigorously and sincerely in its operations.

Maintenance of safety management systems

The Company shall implement continuous verification procedures to ensure that safety management systems are operating appropriately.

Positions and Roles

President

The President has the ultimate responsibility for ensuring transport safety.

Chief Safety Manager (Head of Urban Transportation Business)

The Chief Safety Manager is responsible for overseeing all activities related to ensuring transport safety.

Chief Train Operations Manager (Transportation Division Manager)

Under the direction of the Chief Safety Manager, the Chief Train Operations Manager is responsible for operations including train operations, maintaining the capabilities of train crews, and other related operations.

Chief Crew Training Manager (the Heads of the East Rolling Stock Yard and the West Rolling Stock Yard)

Under the direction of the Chief Train Operations Manager, the Chief Crew Training Manager is responsible for ensuring all crew are properly qualified.

Electrical Division Manager

Under the direction of the Chief Safety Manager, the Electrical Division Manager has overall control of items relating to electrical facilities.

Rolling Stock Division Manager

Under the direction of the Chief Safety Manager, the Rolling Stock Division Manager has overall control of items relating to rolling stock.

Engineering Division Manager

Under the direction of the Chief Safety Manager, the Engineering Division Manager has overall control of items relating to track, civil engineering, and construction facilities.
Revisions to the Railway Business Law in October 2006 required railway companies to create new safety management systems dedicated to transport safety. Under our new safety management system, we are realising even higher levels of safety by applying the plan–do–check–act (PDCA) cycle, ensuring compliance with all related laws and regulations, conducting operations that place the highest priority on safety, and fostering greater awareness of safety issues among employees from directors down.

Safety Enhancement Initiatives

To ensure the safety of customers, we are proactively taking personnel-related measures to enhance education and training as well as infrastructure-related measures to improve equipment and facilities.

1. Training and Education

At government designated in-house training centres, Hankyu Corporation and Hanshin Electric Railway foster train drivers and train conductors. During the training period, trainees receive education on academic subjects and practical skills in accordance with a national curriculum. Also, experienced drivers and train conductors act as instructors and provide rigorous one-on-one, on-site training. Even after personnel have passed certification exams, we maintain and heighten the skills, awareness, and qualifications of drivers, conductors, and operations personnel by holding safety workshops and seminars and by conducting training based on a range of scenarios.
Renewal of the Total Traffic Control System

Hankyu Corporation is renewing its control centre with a view to beginning full-fledged operations at the end of fiscal 2017. The main aim of the renewal of the operations control centre—which controls train operations, signals, the provision of information on train services, and a range of other functions—is to introduce the latest Total Traffic Control (TTC) system to Hankyu Corporation’s Kobe, Takarazuka, and Kyoto lines.

In renewing the TTC system, we undertook development aimed at (1) improving control capabilities, (2) improving the provision of information on train services to passengers, and (3) strengthening monitoring capabilities. For example, the new system will enable train controllers to organise train services rapidly when accidents or other events disrupt timetabled train services. Also, when timetabled train services are disrupted, the new system will provide passengers with more information on train services than the current system. In addition, the system will contribute to the safety of train operations by enabling the control centre to monitor the status of railway crossings and platforms.

We intend to continue improving services with safe transportation as our first priority.

2. Initiatives for Natural Disasters

1. Responding to rain storms
   During rain storms, we direct trains to reduce speed or suspend operations based on information obtained from the rain gauges, wind gauges, and water meters installed alongside our railway lines and meteorological information from the Japan Meteorological Agency.

2. Responding to earthquakes
   If earthquake early warning systems forecast an earthquake with a seismic intensity of four or above, or if seismographs that we have installed alongside our railway lines detect an earthquake of the same seismic intensity, we immediately begin procedures for the emergency suspension of operations of trains on line segments in earthquake zones.

3. Responding to actions of third parties, such as acts of terrorism
   If there is a warning that the actions of third parties, such as acts of terrorism, could cause serious incidents with extremely significant effects on society, or if such a warning calls for continued vigilance, or if suspicious items or persons are discovered or damage is incurred, we take measures appropriate to the threat level.

   Further, we have installed security cameras in railway stations and station concourses to prevent crime.

1. Inspecting electrical equipment
We have many different types of electrical equipment, including signal safety equipment, secure communication equipment, railway crossing safety equipment, power equipment, railway track equipment, and substation equipment, which we inspect regularly based on prescribed inspection schedules.

2. Inspecting railway tracks
Inspection of railway tracks is indispensable to ensuring the safe operation of trains. Further, we implement corrective grinding of slightly uneven parts of rail surfaces to improve ride comfort and implement corrections to reduce noise and vibration.

3. Inspecting structures
We inspect elevated tracks, bridges, tunnels, and other railway civil engineering structures regularly.

4. Inspecting rolling stock
We conduct inspections at our plants and train depots to maintain the safety of rolling stock. Regular inspections include train inspections, monthly status and function inspections, main component inspections, and overall inspections. In addition, we conduct unscheduled inspections as required.