

IRJ Index 2014

INTERNATIONAL

Africa
East African standard-gauge line Jun 5
heavy-haul projects May 36
Akiem contracts Oct 15
Alstom takeover bid Jun 4, Jul 4, Aug 6
climate change Mar 44
EU-Japan Industrial Dialogue May 7
Europe
Århus–Flensburg–Hamburg corridor Feb 7
Beacon Rail Leasing Jun 14
CER Jun 9
CIT/Nacco acquisition Mar 13
EC funding Oct 7
EC Shift2Rail Jan 4
EC Transport Commissioner Oct 7
EIM appointment Dec 9
Eress Apr 9
ERFA Oct 9
ERTMS Apr 28
Euroairport rail link Jul 7
Europe–Brazil ties Nov 25
Fourth Railway Package Feb 4, Feb 14, Apr 4, Jul 9
Germany–Czech Republic HS line Sep 14
Groningen–Bremen services Aug 7
Lake Constance regional rail Jun 16
MRCE contracts Jul 16
overnight trains Sep 32
passenger numbers Mar 13
Rail Baltica Mar 14, Dec 6
rail fatalities Feb 4, Nov 10
railfreight Jan 7, Feb 9, Dec 54
Railpool Aug 15
Rhine–Alpine Corridor Sep 45
Sebnitz, Germany–Dolní Poustevna, Czech Republic Aug 7
Shift2Rail Apr 32, Jul 6
Strasbourg–Brussels TGV services Aug 7
Thalys independence Dec 10
Unife appointment Jul 5
Unisig Consortium Mar 7
wagonload Aug 18
European Locomotive Leasing (ELL) May 15
Eurostar
British Government stake Jan 12
HS trains order Dec 7
passenger numbers Feb 6
Eurotunnel
cross-channel freight Jun 7
FS Group appointment Jul 5
global rail market Sep 18
HS train market Feb 35
mergers and takeovers Jan 12
railway infrastructure market May 48
rolling stock manufacturers Jul 4
Toshiba/SMRT JV Nov 23
UIC
RSSB memo of cooperation Jan 4
Talent Project Jan 40
urban rail Jun 40, Jul 18
Vossloh Aug 14, Dec 15

EXHIBITIONS & CONFERENCES

Innotrans Sep 77, Nov 19

GEOGRAPHICAL

ALGERIA

Algiers LR Mar 11, May 12
coaches modernisation Mar 13
Constantine LR Jun 11
Oran metro Dec 12
SNTF long-distance services Oct 15

ANGOLA

Benguela Railway Sep 6

ARGENTINA

Belgrano Cargas revival Jan 9, Sep 10
Buenos Aires: Sarmiento Line Sep 22
Northern Transandine revival Jul 5
Rufino–Justo Daract line Dec 7

AUSTRALIA

Adelaide: electric trains Apr 8
Asciano restructuring Apr 14
Bombardier/Signalling Services acquisition Jun 15
Canberra LR Oct 12
CBH orders Aug 16
Co-operative Research Centre May 5
HS plans Oct 6
Melbourne airport rail link May 7
New South Wales
emus orders Jun 6
inter-city EMUs Sep 30
Quattro Grain May 5
Pacific National locos Sep 14
Perth Airport link Sep 26
Progress Rail Services/PRE takeover Aug 7
QR: narrow gauge incorporation Apr 5
Queensland
Carmichael integrated project Dec 7
coal rail projects Sep 6
emus contract Jan 12
Mount Isa line privatisation Jul 6
PN locos May 8
S. Australia: Seaford extension Apr 8
Sydney
Inner West Light Rail May 10
NWRL Oct 12, Nov 58
Rapid Transit Jul 10
suburban rail Jun 12
Victoria: rail investment Jun 6
W. Australia: BHP Billiton Dec 15

AUSTRIA

Brenner Base Tunnel Sep 10
Graz LR Jan 11
Koralpin tunnel Feb 5
Lake Constance regional rail Jun 16
Linz LR Apr 36
ÖBB
Cityjet EMUs Dec 8
contracts Sep 30
infrastructure cost savings Jan 34
Railjet long-distance trains Jul 16
Salzburg main station Dec 7
Rail Cargo Oct 42
satellite positioning Jun 8
Semmering Tunnel Feb 6
StH contracts Mar 11
Stuttgart–Zürich service Mar 7
Vienna
LR Jan 11
U-Bahn Jul 12, Aug 13
Westbahn Jun 9, Aug 16

AZERBAIJAN

ADY contracts Jun 14, Jul 15, Aug 14
signalling and telecommunications Jan 13
Stadler Rail JV Sep 30

BANGLADESH

BR: Khulna–Mongla line Apr 5

BELARUS

dmus contract Mar 5
Maladzyechna–Lithuania line Feb 5
Minsk National Airport Link Dec 7
Molodechno–Lithuania line
electrification Jan 5

BELGIUM

Amsterdam–Brussels service Jan 18
Antwerp Liefkenshoek tunnel Jul 8
Brussels
fare collection Jan 24
metro Jan 12, Aug 13
regional tram network Jan 26
urban rail network Jan 22
ETCS Level 2 Nov 11
Fyra HS Jun 5
Infrabel Jan 14
Kapsch CarrierCom/Prodata takeover Sep 30
SNCB
emus contract Feb 5
ETCS contract Nov 16
V250 HS case Feb 5

BOLIVIA

Monter–Bulo Bulo line Mar 5
Motacuisito–Puerto Busch iron-ore line Nov 9

BOTSWANA

BR orders Aug 16
Trans-Kalahari Railway May 4

BRAZIL

ALL/Rumo Logistics merger Feb 5
ALL: Santos–Boa Vista line Nov 9
Belo Horizonte metro Mar 11
Brado Logistics Dec 24
Europe–Brazil ties Nov 25
Fortaleza LR Dec 13
GE Transportation Nov 17
Goiânia LR PPP Jan 11
Hyundai Rotem assembly plant Dec 8
MRS Logistics freight May 15
open-access Dec 18
Rio de Janeiro
metro Apr 12
suburban network Sep 26
Salvador metro Feb 11, Mar 10, Jul 11
Santos LR May 12
São Paulo
LR Oct 13
metro Sep 24
Vale: Carajás Railway May 5
VL: wagons order Feb 13
World Cup rail projects Dec 28

BRITAIN

Alliance Rail Holdings Jan 5
Balfour Beatty sale Oct 14
Crossrail Mar 10, May 12, Sep 28
DB Schenker: stop-start technology Nov 10

Doncaster North Chord Jul 9
DRS contracts Jan 5, Oct 15
East Coast Main Line Jan 5
East Midlands Trains
London–Sheffield services Jan 5
ERTMS Aug 61
Essex Thameside Aug 15
Eurostar stake Jan 12, Nov 17
Eversholt Rail Jan 13
First Capital Connect
Thameslink Mar 8
First Great Western Jan 13
GB Railfreight orders Mar 13, Aug 9
GNWR gains WCML access rights Jul 9
Grand Central Sep 10, Nov 9
Great Northern Oct 7
Greater Anglia May 5
GTR contracts Dec 15
Hitachi SET Oct 15
HS1 Oct 23
HS1–HS2 link Apr 7
HS2 Apr 7, May 5, Nov 9
InterCity East Coast Feb 12
Intercity Express Programme Jan 13, Dec 16
London Underground Jan 11, Feb 11, Apr 11, Jun 10, Nov 15
London–Edinburgh open-access service Jan 5
Loram/Railway Vehicle Engineering Oct 15
Manchester
LRVs Feb 11
Metrolink LR Mar 10, Nov 15, Dec 12
Manchester–Scotland services
electrification Jan 7
Midland Metro Aug 12
Network Rail
contracts Feb 13
electrification Mar 12, Dec 15
investment Mar 6
Northern Rail May 5
One North project Sep 14
Porterbrook Nov 16
RSSB Spark Jan 4
Scotland
Borders Railway Sep 10
Edinburgh LR Jul 10
ScotRail Nov 12
South West Trains Apr 5, Oct 14
Southeastern Oct 23
Southwest
coastal alternatives May 27
storms May 22
Thameslink May 16, Jul 14, Oct 7
Tracis/Datasys Integration acquisition Jun 15
Transport for London May 15, Jul 16, Aug 13, Sep 26
Virgin Trains Aug 16
Welsh electrification Dec 9
West Coast Main Line Jul 9

BULGARIA

Sofia
LRVs Jan 11
metro May 12

CAMEROON

Chad rail link Jul 8

CANADA

CN
investment Apr 14

New Brunswick freight services
Mar 5
Wayside Equipment Systems Jan 5
CP
Delaware & Hudson lines sale Dec 9
CP-CSX merger Nov 8
Edmonton LR Jul 12
Genesee & Wyoming
DM&E acquisition Feb 9
HH VSR failures May 31
MM&A Mar 13, Jun 15
accident report Oct 10
Montreal
commuter line Mar 11
metro Jan 10
Ontario
Toronto-London HS Jun 8
Waterloo LR Jun 12
Ottawa: Confederation Line Nov 17
Toronto
airport express Sep 8
Go Transit Mar 11, Dec 13
Transport Canada Jan 8

CHAD

Cameroon rail link Jul 8

CHILE

EFE orders May 15
Northern Transandine revival Jul 5
Santiago metro Jan 10
transit plan Dec 36

CHINA

Beijing
LR May 10
metro Feb 10, Sep 26
Beijing-Shenyang HS line Aug 7
Chengdu metro Feb 13
Chongqing metro Feb 10
CMEC Belgrano Cargas financing
Jan 9
CNR orders Jul 15
CRC finance Feb 5, May 8, Oct 14
CRIC Dec 15
contracts Oct 15
CTSC Nov 9
HS trains order Jan 8
CSR orders Jul 15
Dalian metro Feb 10, Jun 12
Germany-China freight service Oct 9
Guangzhou metro Feb 10, Mar 11,
Apr 12
Hong Kong
MTR Feb 13, Mar 11, Apr 12, Oct 38,
Dec 62
Rail Development Strategy Nov 54
HS rail Feb 5, Oct 32
Huangzhou metro Oct 13
India HS agreement Nov 12
Kunming metro Aug 13
Lanzhou railway Jun 5
Lanzhou metro May 12
metros Nov 46
Nanchang-Changsha HS line Oct 7
Nanjing suburban metro Sep 24,
Dec 13
Nanning-Qinzhou-Fangchenggang
HS line Jan 5
Nanping-Sanming-Longyan HS line
Jan 5
Qilian Mountains tunnel Jun 5
Qinghai-Tibet railway Apr 5, Sep 6
rail links to Myanmar/Laos Nov 6
Shanghai
metro Feb 10
Voith production facility May 15
Shenyang metro Feb 10
Suzhou
LRVs May 11
metro Feb 10, Apr 16
Taiyuan-Xi'an HS line Aug 7
Tianjin metro Feb 10
Urumqi-Lanzhou HS line Jul 5
Wuhan metro Feb 10, Jun 12, Jul 12
Wuxi metro Aug 13

Xi'an metro Feb 13, Aug 13
Xinjiang HS line Dec 8
Xinjiang-Qinghai line Dec 7
Zhengzhou metro Feb 10, Feb 43
Zhuhai LR Dec 13

COLOMBIA

Bogota metro Sep 26
Feneco ITCS Jul 5
rail rehabilitation Mar 4

CONGO

Brazzaville order Aug 16
locos order Apr 16
SNCC orders Jun 15

CROATIA

HZ Infrastructure Oct 15
HZ orders Mar 13
HZ Passenger Oct 54
Newag/Duro Dakovic deal Jul 16
railfreight privatisation Mar 9

CUBA

Havana-Mariel port rail link Aug 6

CZECH REPUBLIC

Arriva Vlaky
Prague suburban service Feb 9
CD
infrastructure Nov 34
orders Sep 30
Railjet: Prague-Vienna route Jun 5
electrification Dec 8
Germany-Czech Republic HS line
Sep 14
inter-city competition Nov 32
Prague-Košice route Oct 9
RegioJet
locos Dec 9
Prague-Ostrava-Zilina services
Jun 7
Slovakian open-access service Jun 7
SZDC contracts Jun 14, Sep 10
Velim test centre Nov 38

DENMARK

Aarhus tram-train network Oct 13
Billund Airport rail link Jun 5
Copenhagen
Cityring Jun 10
metro Nov 24
Nordhavn line Jul 12
DSB: IC4 Aug 9
DSB: rolling stock investment Oct 6
Lindholm-Aalborg airport link Dec 7
Odense LR Jan 11
Ringsted-Fehmarn link Oct 11

ECUADOR

freight network Feb 7
passenger services Feb 7

EGYPT

Cairo metro Feb 11, Apr 12, Jun 11,
Dec 12
ENR passenger traffic Jun 5
HS proposals Apr 8

ESTONIA

Elron orders Jul 5
Rail Baltica Dec 6
Addis Ababa LR Mar 5, Apr 11, Jun 12,
Dec 13
Addis Ababa-Djibouti line Mar 5,
Aug 16
Awash-Weldia line Nov 17, Dec 9

FINLAND

CTC system May 15
Helsinki LRV Nov 22
Junakalusto Nov 17
VR Group
finance Oct 14

orders Feb 13, Jul 16

FRANCE

Alstom Régiolis MU authorisation
May 7
Amsterdam-Lille service May 4
Aubagne tramway Oct 12
Avignon LR Jan 11
Besançon trams Feb 11, Oct 13
double-deck EMUs Nov 9
France-Spain HS services Jan 6
Grenoble LRT Aug 12
Intercity future Oct 8
Lyon metro Jan 11, Apr 12
Marseilles metro Feb 11
Marseilles-Milan service Dec 9
Nantes tram-train line Apr 10
Paris
Grand Paris orbital express Nov 15
metro Jul 11, Nov 15
Transilien Aug 13
Paris-Normandy links Mar 4, Aug 7
Paris-Roissy CDG express link Mar 5
railfreight Nov 66
railway reform bill Aug 10
regional rail services liberalisation
Apr 6
RFF
GSM-R Jul 16
platform adaptations Jun 5
SNCF
contracts Feb 13
finance Mar 12, Jun 15, Sep 28,
Dec 15
international HS Oct 11
Marathon freight train Feb 4
SNCF Infra Sep 30
Strasbourg cross-border LRT link
Jan 10
track safety Feb 6
Valdunes May 15, Jul 15
Valenciennes LRT Jan 11
Vigirail project Aug 10

GABON

orders Aug 16

GEORGIA

Iron Silk Road Sep 105

GERMANY

Abellio Rail NRW Jan 13
Allgäu diesel network Sep 30
Bavaria HS Oct 31
BEG: Ulm services Dec 15
Berlin
S-Bahn Sep 26
U-Bahn Jul 12
Bielefeld tram line Nov 15
Braunschweig tram network Nov 24
Bremen LR May 12
Central Saxony Transport orders
May 15
DB
Berlin-Rostock main line Jul 5
City Night Line Sep 16
contracts Jul 16
DMUs Nov 23
ETCS for ICE1 trains Jan 13
Etihad Rail JV May 4
European Operations Centre Jul 7
finance May 14, Sep 30, Dec 9
HS train order Mar 13
ICE 2 modernisation Nov 17
infrastructure inspections Apr 5
infrastructure spending Jan 5
international HS Oct 11
London-Frankfurt HS plans delay
Apr 9
Stelle-Lüneberg tracking Aug 8
ticketing competition probe Mar 6
Velaro-D approved Feb 6
Veolia dispute Oct 8
DB Networks
cranes Jun 9, Nov 25
Dachau-Altomünster line Jun 5

Munich East-Mühldorf electrification
Feb 7
track recording train Nov 23
DB Regio
Dresden Wrocław Express Jan 7
regional services Jun 15
DB Regio NRW
Cologne Diesel Network Feb 8
DB Schenker Rail orders Dec 15
DVB record sales May 8
electromagnetic compatibility Sep 14
Fehmarn Belt link Nov 6
Germany-China freight service Oct 9
Germany-Czech Republic HS line
Sep 14
Hamburg U-Bahn expansion May 11,
Nov 15
Hamburg-Westerland services May 15
HKX open-access Apr 52, Sep 10
Hoyerswerda-Horka line upgrade
Oct 7
Lake Constance regional rail Jun 16
Leipzig
City Tunnel Jan 7
LR Apr 12
LNVG contracts Sep 30
Maschen yard upgrade Aug 7
Munich
LR Jun 12, Oct 13
S-Bahn Jun 5
trams Feb 11
Munich-Regensburg line Dec 9
Nuremberg metro Aug 13
NVV regional network contract May 7
Potsdam trams Dec 13
rail infrastructure investment Aug 11
rail parity Nov 20
rail passenger increase Oct 7
railfreight Jul 5
RDC: Sylt services Nov 11
regional passenger market Sep 34
Reichenbach-Hof line electrification
Jan 7
Rhenus Veniro
Mosel Wine Line Feb 7
Rhine corridor Sep 45
Rhine-Alpine Corridor Sep 45
RMV contract Jul 16
rolling stock authorisation Sep 40,
Dec 11
RRX concessions Mar 13
S-Bahn Berlin Jun 12
Saarbrücken tram-train Nov 15
Strasbourg cross-border LRT link
Jan 10
Stuttgart
area services Aug 16
trams Feb 11
Stuttgart-Zürich service Mar 7
Teutoburger Wald regional concession
Jun 7
ThyssenKrupp business closure
Apr 14
Ulm tram line Jul 12
Veolia Verkehr Nov 9
VRR: Rhine-Ruhr Express May 7
VTG/AE takeover Nov 17
Westphalia Rail (WFB) Jan 13

GOLD COAST

G:link LR Sep 22
LR line Feb 11

GREECE

Athens metro Jan 11, Jul 12, Nov 14
Trainose
Athens-Thessaloniki route Mar 7
international trains Jun 8

HUNGARY

AWT Rail HU Nov 17
Budapest
LRV Apr 12
metro May 10, Jun 30, Oct 13
public transport Nov 15
Budapest-Esztergom line Nov 11

Ferencváros–Gyoma line Jun 15
Ferencváros–Székesfehérvár line
Jun 15
GySEV orders Feb 13, May 7
investment plans Oct 11
MAV-Start Nov 30, Dec 15
NISZ: GSM-R contract Jan 13

INDIA

Bangalore metro Mar 10, Apr 12
Chennai metro Apr 12
Dedicated Freight Corridors Feb 12,
Apr 16, Jun 6
Delhi metro Feb 11, Sep 26
HS rail Jul 6, Nov 12
Jaipur metro Jan 32
Karnataka coach factory Apr 5
Kochi metro Dec 13
metro projects Jan 30
monorail projects Jan 30
Mumbai metro Jul 11
Nagpur metro Oct 12
Navi Mumbai metro Oct 13
rail investment Mar 4, Aug 8
rail market Sep 6

INDONESIA

Bandung transit Feb 25
Borneo: HH infrastructure Feb 29
infrastructure investment Feb 16
Jakarta transit Feb 22
Jakarta–Surabaya corridor Feb 26
Makassar transit Feb 25
Medan transit Feb 25
PT KAI orders Nov 17
Sulawesi railway network Sep 8
Sumatra
HH infrastructure Feb 29
Prabumulih–Niru line Jul 7
Surabaya transit Feb 25

IRAN

Esfahan metro Apr 16
Mashhad–Golbahar line May 12
Shiraz metro Nov 15
Tehran metro Jun 10
Tehran–Mashhad line Jul 7, Oct 9

IRAQ

diesel trains Apr 7

IRELAND

Belmond Grand Hibernian Dec 11
Dublin
Cross City Line Feb 13
Luas tram network Oct 13
IE
finance May 14
passenger numbers Aug 9

ISRAEL

electrification Nov 11
Gilon tunnel Jun 7
IR
locos order Sep 30
passenger numbers Mar 7
Kiryat-Motzkim–Nahariya line
Jan 7
Tel Aviv–Ashkelon line Feb 9

ITALY

Alstom fleet monitoring centre Nov 11
AnsaldoBreda Apr 23
Finmeccanica
appointment May 5
bids for rail assets Nov 6, Dec 7
FS
appointments May 5
finance Apr 18, Dec 14
HS airport links Oct 7
Luino Ranzo–Gallarate/Novara line
Mar 9
Marseilles–Milan service Dec 9
Milan metro Jan 11
NTV
finance Apr 14, Sep 28, Dec 14

passenger numbers Feb 9
Rome Termini station May 9
RFI
appointment Sep 14
contracts Feb 13
Pistoia–Montecatini line Oct 9
Rome metro Dec 13
Sardinia
ARST Nov 17
DMUs Sep 10
resignalling Jan 13
TPER orders Apr 16
Trenitalia
contracts Feb 13, Jun 15, Sep 14
DMUs order Oct 10
HS train Nov 20

JAPAN

Hitachi Rail HQ May 14
Hokkaido Shinkansen Dec 11
Hokuriku Shinkansen Feb 38, Jul 9
JR Central
Chuo maglev Dec 10
orders Aug 16
JR East
battery emu Mar 7
CBTC Feb 11
orders Aug 16
Shinkansen simulator Nov 23
JR East/JR West
E7 Shinkansen train Jan 8
Hokuriku Shinkansen Nov 12
Okinawa line Apr 6
Shinkansen network Feb 38, Oct 16

KAZAKHSTAN

new lines Oct 9

KENYA

RFR investment Aug 16
standard-gauge railway Jan 4, Jun 5,
Nov 8

KOREA, NORTH

Rason freight terminal Sep 14
Trans-Korean railway Aug 20

KOREA, SOUTH

domestic railfreight Aug 24
Korail
strike over reform Feb 8
tourist services Feb 48
Wongang HS line Mar 13
KRNA expansion programme Aug 29
Seoul metro Apr 12
Suseo HS line May 7
Trans-Korean railway Aug 20

KYRGYZSTAN

locos order May 15

LAOS

China rail link Nov 6
Savannakhet–Lao Bao line Feb 7

LATVIA

electrification Apr 7
locos order Dec 15
PV
emus lease Jan 13
resignations Aug 16
Rail Baltica Dec 6

LIBERIA

ArcelorMittal: locos order Aug 9

LIECHTENSTEIN

Lake Constance regional rail Jun 16

LITHUANIA

LG network expansion Mar 20
locomotives Mar 23
Rail Baltica Sep 16, Dec 6

LUXEMBOURG

Alpha fleet Feb 13
CFL Cargo/CFL Multimodal May 7

CFL contracts Sep 30
Luxembourg City LR May 12, Jul 10

MACEDONIA

Bitola–Greek border line Jun 7
MZ orders Aug 16

MALAYSIA

KTMB finance Nov 17
Kuala Lumpur
airport express extension Jul 9
metro May 11, Nov 15

MALI

rail links Dec 8

MEXICO

Mexico City
commuter line Aug 16
metro Dec 13
Mexico City–Queretaro HS line Sep 6,
Nov 11, Dec 7
Monterrey metro Sep 26
New Mexico–Mexico border crossing
Nov 11
San Diego–Tijuana cross-border LRT
May 10

MONGOLIA

freight traffic Apr 7
Tavan Tolgoi–Gashun Kukhait line
Apr 16
UBZD modernisation Oct 9

MOROCCO

Casablanca LR Sep 26
GSM-R Sep 30
ONCF
investment Feb 12
locos order Mar 6
Tangiers–Kénitra HS line Feb 12

MOZAMBIQUE

Sena Line Feb 7

MYANMAR

China rail link Nov 6
rail modernisation May 9

NAMIBIA

Trans-Kalahari Railway May 4

NETHERLANDS

Amsterdam Central station Sep 16
Amsterdam–Brussels service Jan 18
Amsterdam–Lille service May 4
ATB-vv train protection system Feb 9
Betuweroute Nov 8
DekraRail/Plurel takeover Nov 17
Delft underground rail link Dec 11
ERTMS May 4
The Hague LR Apr 12
The Hague–Brussels services Aug 9
HSL South Feb 13
Maas Line electrification May 9
Maastricht–Hasselt regional tram
Apr 12
Nijmegen–Venlo–Roermond line
Sep 16
NS
Fyra Apr 5, Oct 11
inter-city trains Aug 10
Sprinter order Dec 14
Polish cargo services Apr 7
ProRail
resignations May 4
station lighting Jan 7
rail budget Nov 11
Rotterdam
Central station Apr 5
Electric Tram Mar 11
Rotterdam–Lodz intermodal services
Sep 14
smartcards Aug 7
Teutoburger Wald regional concession
Jun 7

Utrecht LR Mar 32
Veolia Transport Nov 12
Zevenaar–Germany ETCS Sep 14

NEW ZEALAND

Auckland
suburban network Jun 12
Windhoff workshop Jun 48
KiwiRail finance Jun 14, Oct 15

NIGERIA

Coastal Railway Jun 5, Dec 10
new lines Sep 10

NORWAY

Flytoget investment Mar 7
Jernbaneverket contracts Jun 14
Kiruna–Narvik line Aug 8
NSB passenger numbers Apr 7
Oslo–Stavanger line Oct 11
rail budget Nov 4
Trondheim–Ler/Lundamo services
Oct 11

OMAN

design-and-build tenders Mar 5
national network Sep 16

PANAMA

Panama City metro Jan 28, May 11,
Aug 13

PARAGUAY

Asunción commuter rail Sep 26

PERU

Lima metro Mar 11, May 12, Sep 26

PHILIPPINES

Manila LRT Oct 12

POLAND

Gdansk
LR Dec 13
trams Jun 12
Krakow LR Aug 13
Lodz LR Jun 12, Oct 13
Masovian Railways orders Apr 16
Newag finance Oct 15
Pendolino speed record Jan 9
Pesa contracts Jun 15
PKM contracts Aug 16
PKP Cargo Oct 14
in Netherlands Apr 7
PKP Intercity Apr 9, Apr 16, Oct 15
PKP PLK
ERTMS Aug 9
Katowice–Kraków line Jul 9
PLK: GSM-R for east-west main line
Jan 13
PR: Dresden Wrocław Express Jan 7
Rail Baltica Dec 6
Rotterdam–Lodz intermodal services
Sep 14
Warsaw metro Nov 14
Warsaw Tramways Mar 11

PORTUGAL

CP
EMEF Jul 16
Fernave Jul 16
passenger traffic Sep 16
CP Carga freight Jun 7
Nomad Tech JV Jan 13

QATAR

Doha metro Apr 10, Jun 10
light rail Aug 12
main line rail network Apr 16

ROMANIA

Bucharest metro Nov 15, Dec 13
Sighisoara–Coslaru–Simeria line
Nov 17

RUSSIA

Baikal–Amur funding Mar 9

Evrax Jun 52
metro projects Apr 11
Moscow
Aeroexpress Oct 7
LR Jul 12
metro Mar 11, Apr 10
Omsk metro Aug 13
RZD
Aeroexpress Mar 13
Baikal–Amur–Mainline Jun 9
finance Aug 10
locos contract Mar 7
Serbian projects Feb 8
Talgo train Jul 6
trains order Oct 9
Trans-Siberian funding Mar 9
suburban services Nov 40
Transcontainer wagons order Jan 13
UWC Sep 16

SAUDI ARABIA

Dammam public transport Jul 10
Jeddah metro Jun 12, Jun 28
Landbridge Jun 27
local rail industry Jun 23
Mecca metro Jun 28
North–South Railway Jun 25
Riyadh metro Mar 29, May 12, Dec 15
Riyadh–Dammam HS line Oct 11
Riyadh–Dammam lines Dec 15
SAR: Saudi Railway Polytechnic Aug 9
SRO
orders Jan 13, Sep 16
rail projects Jun 18
safety standards Jan 9
urban transport projects Jun 28

SERBIA

Belgrade Vrsac–Romania line Oct 15
Pan-European Corridor 10 Apr 9,
Nov 12
RZD upgrades Feb 8

SINGAPORE

Eastern Region LRT projects Jun 12
metro trains Jul 12
rail network expansion Aug 40
Singapore–Kuala Lumpur HS line
May 9
Thomson Line Jun 12

SLOVAKIA

Bratislava LR Dec 12
Bratislava–Košice service Jun 7
Prague–Košice route Oct 9
ZSSK Cargo Jul 16
ZSSK engines order Oct 15

SLOVENIA

SZ
railfreight Feb 7
rationalisation plan Jul 56

SOUTH AFRICA

Gautrain extensions May 6
GPR Leasing Africa Feb 13
Kumba Iron Ore locos Jan 9
Prasa: Gauteng resignalling contract
Jan 13
Transnet
coal capacity May 28
orders Apr 4, Sep 30

SPAIN

Adif-Alta Velocidad (Adif-AV) Jan 6,
Jun 15
Adif split Jan 6
Albacete–Alicante ERTMS Jun 9
Barcelona metro Jul 12, Aug 12
CAF finance Apr 14
EuskoTren contracts Apr 16, Aug 16
FGC Barcelona extension Nov 14
Grenada–Antequera HS line Mar 13
HS
Alsa license May 6
passenger numbers Apr 6

rail liberalisation Jan 6
single-track lines Mar 8
telecoms Sep 30
trains Oct 6, Oct 26
long-distance passenger market Jul 7
Madrid–Portugal HS line Jun 15
Malaga light metro Sep 24
National Express Alsa HS Jun 8
Renfe: freight privatisation May 6
Santiago disaster Jul 8
transport budget Nov 9

SRI LANKA

Colombo–Kataragama line Apr 9
Northern Railway Nov 9
Pallai–Jaffna line Jan 9

SURINAME

Paramaribo–Onverwacht LR Dec 12

SWAZILAND

locos lease Nov 16

SWEDEN

Gothenburg
LR Mar 11
Västlänken rail tunnel Aug 11
Green Cargo Apr 16, Nov 12
Hector Rail Oct 15
Kiruna–Narvik line Aug 8
MTR Express inter-city services
May 9, Jul 9, Nov 12
SJ
tilting trains modernisation Feb 12
Västtågen regional contract Nov 16
Stockholm: Arlanda Express Sep 28
Tågkompaniet contract Mar 13
Trafikverket Jul 16
contracts Feb 13
HS study Apr 8
Veolia Transport
Øresund contract Jan 13

SWITZERLAND

Appenzell Railways contracts Mar 13
BLS Cargo: locos Apr 7
Euroairport rail link Jul 7
Gotthard base tunnel Feb 5, Aug 11,
Oct 44, Dec 6
Lake Constance regional rail Jun 16
Luino Ranzo–Gallarate/Novara line
Mar 9
rail network investment Mar 6
Ralpin intermodal Apr 9
RBS trains order Dec 15
Rhaetian Railways (RhB)
Albula Tunnel Jun 6
Heros reservation system Jul 44
SBB
contracts Mar 9, May 15, Jun 7,
Aug 14, Aug 16
energy management systems Mar 9
Eress membership Apr 9
finance May 56, Dec 14
locos refurbishment Oct 15
Pollegio control centre Jun 9
Simplon Tunnel safety Apr 16
Sinet interlocking Oct 48
Voralpen Express JV sale Jan 9
St Gallen S-Bahn network Feb 9
Zürich cross-city line May 6, Jul 5

TAIWAN

Kaohsiung LR Oct 13
Taipei metro Jan 10
Taipei–Kaohsiung HS line Apr 16
Taipei–Toucheng line May 9
THSRC
disaster management Jul 39
finance Jul 14
TRA expansion programme Aug 32

TANZANIA

Dar es Salaam–Isaka railway upgrade
Jun 9

PPP rail upgrade Oct 9
Tanzanian Railways orders Aug 16
Tazara revival Aug 7

THAILAND

Bangkok
BTS international opportunities
Mar 27
Skytrain Jan 11
transit projects Mar 24
HS funding bill Jan 7
rail infrastructure financing Feb 32
SRT
coaches order Nov 16
finance Jan 13
standard-gauge lines Dec 11

TURKEY

Ankara metro Mar 10, Apr 10
Ankara–Istanbul HS line May 5, Sep 8
Eskisehir: EsTram LR May 12
Istanbul metro Mar 11, Aug 13
Izmir LR Sep 26, Nov 15
Konya LR Jun 12
TCDD
cameras order May 15
signalling & telecommunications
May 15, Oct 15

TURKMENISTAN

Bereket–Climammet project Jul 16
Buzhun–Serehtyaka project Jul 16
Izmir LR Apr 12

UGANDA

contracts Aug 11
RFR investment Aug 16

UKRAINE

Kiev Darnytsia–Vinnitsa–Odessa
route Dec 11
Tarpan EMUs Aug 11
UZ
electric locos Jan 9
intercity emus checks Mar 9
Vinnitsa trams Oct 13

UNITED ARAB EMIRATES

Dubai
Al Sufouh Tramway Dec 13
metro Nov 15
Etihad Rail/DB Schenker JV May 4

UNITED STATES

Alaska Railroad Corporation May 15
Amtrak
2014 infrastructure program Apr 9
Boston–New York–Washington DC
line Mar 5
Cities Sprinter Mar 5
finance May 14, Jul 32, Dec 14
orders Aug 15, Nov 17
Bart
eBart Jun 15
fleet expansion Jan 10
BNSF investment Mar 12
Boston
commuter network Feb 10, Aug 13,
Dec 13
LR Jun 11
metro Nov 14
rail network upgrade Aug 74
California
HS rail Sep 8, Nov 11
San Diego–Tijuana cross-border
LRT May 10
San Francisco–San Jose line
Jun 11, Jul 12
Chicago
Blue Line O'Hare Jan 11
grade separation Dec 11
Metra Nov 14
metro Dec 13
Chicago–Quad Cities passenger rail
Sep 16
Chicago–St Louis corridor Oct 11

Dallas–Fort Worth Airport LR Sep 24
Dallas LR Mar 11
Detroit LR Sep 26
diesel-electric locos Feb 8
Electro-Motive Diesel May 8
Florida
East Coast Railway Mar 13
Orlando International Airport station
Mar 9
Orlando SunRail Jun 12
GWI railways acquisition Dec 15
HH VSR failures May 31
Indiana
Hoosier State inter-city service
Aug 11
Kansas City tram line Jul 12
Los Angeles
LR Apr 12
metro Dec 12
Maryland: Positive Train Control Feb 13
Minneapolis–St Paul
LRT Green Line Aug 12
New Mexico–Mexico border crossing
Nov 11
Nippon Sharyo DMU Jun 15
Norfolk Southern Jul 20
North Carolina
Durham LR Apr 12
Northeast Corridor Mar 7
PATH World Trade Center station
Apr 10
Philadelphia
energy storage Jul 26
Market–Frankford Line Feb 11
Septa Jul 26
RCP&E Jul 9
RDC: Guatemala compensation Jan 9
Salt Lake City trams Jan 11
San Francisco
LR Sep 22, Nov 15
tank wagon standards Mar 8
Tucson LR Sep 26
Union Pacific Mar 12, Jul 9
VTG Rail Jan 13
Washington
LR May 12, Jun 39
metro Feb 10, Jun 36, Sep 24

UZBEKISTAN

Kamchik Pass line Apr 8, Jun 9
Marokand–Qarshi line Mar 13

VIETNAM

Hanoi suburban line Feb 11

ZAMBIA

Chingola–Lusaka–Livingstone ERTMS
May 15
Northwest Railway Mar 5
Tazara revival Aug 7

EDITORIAL COMMENT

Alstom's GE deal Aug 4
CBTC and complex networks Feb 2
China's rail industry Nov 4
Energy efficiency Jul 2
Half a century of high-speed rail Oct 4
HS economics Mar 2
London and Paris May 2
Onwards and upwards Sep 4
Open-access Jan 2
Rail innovation Apr 2
Saudi Arabia's rail investment Jun 2
Under-capacity Dec 4

PRODUCT NEWS

AeroTrain Apr 44
cable-laying Nov 26
connector solutions Nov 28
drivers' head-up display Nov 28
DynaTrain Apr 42
EMUs Aug 11
ERTMS Nov 22
ETCS Baseline 3 Jul 7
GSM-R Nov 28
LNG Sep 69

loco technology Sep 74
 locos
 diesel shunting locos Nov 24
 electro-diesel Sep 57
 ergonomic cabs Nov 26
 gas-reciprocating-engine Aug 7
 high-adhesion loco Dec 11
 hybrid shunters Nov 30
 Tier 4 diesel locos Nov 24
 LRVs Nov 22, Nov 28
 catenary-free Apr 11
 CSR supercapacitor-powered tram Jul 12
 real-time monitoring Apr 36
 Russia One Aug 13
 moving walkways Dec 58
 multiple units
 Desiro High Capacity Nov 30
 regional multiple units Nov 30
 onboard services
 connectivity devices Nov 24
 Heros reservation system Jul 44
 Wi-Fi connection Jul 48
 PantoTrain Apr 44
 SiC traction inverter Feb 9
 signalling & telecoms
 Positive Train Control Aug 56
 telecoms systems Sep 22
 technical innovation Sep 118
 telecoms systems Nov 20
 track
 3D scanning Nov 26
 Alstom slab track system Dec 6
 measurement pod Nov 28
 measuring wheelsets May 41
 optimising maintenance Aug 52
 RailData Rila measuring system Mar 36
 real-time monitoring Aug 47
 rolling contact fatigue (RCF) Dec 39
 turnouts in sub-zero temperatures May 46
 welding Dec 45
 train control
 Satloc project Sep 109
 train interiors Jul 53
 train maintenance
 telediagnosics Jun 45
 Windhoff workshop Jun 48
 trains
 Hitachi trains Sep 51
 HS trains Sep 63
 wagons
 low-floor intermodal wagons Mar 9, Nov 26
 VTG/Chart Ferox tank wagon Jul 7

AUTHORS

Ash, Paul May 28, Sep 105
 Barrow, Keith Jan 14, Jan 22, Feb 4, Feb 8, Mar 14, Mar 20, Apr 6, Apr 8, May 16, Jun 36, Jul 20, Jul 26, Jul 32, Aug 10, Aug 18, Aug 61, Sep 32, Oct 6, Oct 8, Oct 23, Oct 42, Nov 32, Nov 54, Dec 6, Dec 16, Dec 54
 Briginshaw, David Jan 4, Jan 8, Jan 28, Jan 34, Feb 6, Feb 29, Feb 38, Feb 48, Mar 6, Mar 29, Mar 44, Apr 18, Apr 28, Apr 52, May 4, Jun 18, Jun 25, Jun 28, Jul 18, Aug 40, Sep 51, Sep 57, Dec 58, Dec 62
 Carter, Mark Jun 6, Nov 58
 Chiandoni, Marco Apr 18, Apr 23, Jun 45, Jul 56, Oct 54
 Citröen, Philippe Feb 14, Apr 32
 Davis, Michael Aug 47
 De Roos, Richard May 46
 Dell-Arciprete, Ugo Jul 44
 Dodl, Gerhard Sep 118
 Dowden, Malcolm May 36
 Drapa, Joseph Aug 56
 Fender, Keith Oct 31
 Gehrmann, Dr-Ing Robert Dec 45
 Green, Anitra May 56, Jun 16, Aug 74, Sep 45, Oct 44
 Hefti, Peter Oct 48

Joó, Ferenc Jun 30
 Kang, Gil-hyun Sep 63
 Keichel, Dr-Ing Jörg Dec 45
 Klein-Katthöfer, Wolfgang Jun 48
 Leenen, Maria Sep 18
 Leindecker, Wolfgang Apr 36
 Lenz, Martha Sep 69
 Little, Arthur D. Jun 40
 Lonsdale, Cameron May 31
 Lundberg, William Dec 39
 Oirere, Shem Sep 10
 Oliver, John May 31
 Olivier, Gerald Oct 32
 Peighambari, Dr Arman Feb 35
 Puente, Fernando Jan 6, Mar 8, May 6, Jul 8, Oct 26
 Redding, Lucas Sep 109
 Reideinger, Erwin Nov 10
 Riedel, Hans-Ulrich Nov 46
 Rohrbeck, Dipl-Ing André May 41
 Sato, Yoshihiko Feb 38
 Savchuk, Vladimir Nov 40
 Shirokobrod, Ilya Jun 52
 Smith, Kevin Jan 40, Feb 16, Feb 22, Feb 26, Feb 29, Feb 32, Feb 43, Mar 24, Apr 4, Apr 23, Apr 42, May 8, May 22, Jun 4, Jun 8, Jul 4, Jul 39, Jul 48, Aug 6, Aug 20, Aug 29, Aug 32, Sep 34, Sep 77, Oct 38, Nov 66, Dec 18, Dec 24, Dec 28
 Sondhri, Jitendra Oct 32
 Strang, Karl May 48
 Taylor, Lee Aug 52
 Thakur, Raghav Jan 30, Jan 32, Mar 4, Aug 8, Sep 6
 Thomas, David Oct 10
 Thompson, Randal Dec 39
 Thomson Newman, Ian Dec 36
 Van den Hurk, Nick Mar 36
 Van Oort, Niels Mar 32
 Vosman, Quintus Jan 18, Nov 32, Nov 38
 Wagner, Reto Oct 48
 Wolf, Andreas Sep 18
 Wu, Huimin Dec 39
 Zhou, Nanyan Oct 32

ADVERTISERS INDEX

* - Loose insert
 Online directory: page number only

A

ABB Turbo Systems Sep 25, Nov 25
 Airtec Aug 50
 Alstom Transport Sep 11, Oct 25, Nov 18
 Amsted Rail May BC, Jul IFC, Sep IBC
 Ansaldo STS Feb BC, Apr 11, May 11, Jun 11, Jul 11, Aug 15, Sep IFC
 Auckland Transport May 52, Oct 52
 AZD Praha Apr 31, Sep 104

B

Balfour Beatty Rail Sep 55
 Bombardier Transportation Apr 39, Sep 62

C

CAF Power & Automation Sep 101, Oct 29
 Cetest Mar 39, Sep 101
 China Academy of Railway Sciences Apr 49, May 53, Sep 87
 China Decision Makers Consultancy (*Metro World Summit*) Jan 37
 China Decision Makers Consultancy (*Railworld Summit, Istanbul*) Apr 47
 China Decision Makers Consultancy (*Railworld Summit, Bangkok*) Oct 51
 CNR Sep 39, Oct 36/37
 Contitech Sep 33
 CSR Jul 3, Aug 5, Sep 5, Oct 28/29,

Nov 44/45, Dec 34/35
 Cummins Aug 25, Sep 73
 CVS Engineering Sep 104

D

Dromos Sep 25
 Duro Dakovic Sep 87

E

ECM Aug BC, Sep 60/61, Nov 31
 Elektro-Thermit Feb 25
 Elmia (*Nordic Rail*) Sep 113
 EMD – May 13, Aug 58, Sep 59
 European Rail Awards Apr 48
 Europoint (Global Rail Freight Conference) May 52
 Evraz May 35, Aug 51, Sep 89, Nov 51, Dec 38

F

Federal-Mogul Sep 80
 Flir Sep 103
 Frauscher Feb 46, Aug*

G

Geatech Apr 25, Jul 25, Sep 43
 Getzner Aug 53
 Global Rail Tenders Jan BC, Feb 42, Mar BC, Apr IBC, May 39, Jun 44, Jul 52, Dec 59
 Global Transport Forum (*Smart Rail Congress*) Jan 17,
 Global Transport Forum (*Smart Rail Congress USA*) Aug 70, Sep 115
 Global Transport Forum (*CBTC World Congress*) Aug 70
 GMT – Gummi Metall Technik Apr 27, Jun 47, Sep 79, Nov 29
 Greenwood Engineering Aug 37

H

Harsco Rail Jan 3, Aug 35
 Hasler Rail Oct 37
 Hitachi Appliances Mar 17, Sep 99
 Hitachi Rail Europe Feb IBC, May 3, Sep 7
 Huawei Feb IFC, Apr IFC, Jul 17, Aug 17, Sep 31 & 48, Dec BC
 Huber + Suhner Aug 59, Sep 68

I

Indra Sistemas Sep 55
 Ineco Jan 25, Mar 17, Sep 79
 Informa (*AusRAIL*) Sep 114
 Ingeteam Sep 29
 Intirio Sep 78
 IRITS/IRJ (*International Railway Summit 2015*) Nov 61, Dec 27

J

JORSA Sep 96

K

Kapsch CarrierCom Sep 42
 Knorr-Bremse Sep 71
 Kranunion/Kirow Jan 37, May 44, Aug 60, Dec 41
 Krauss-Maffei Wegmann Sep 18/19

L

Lapan Aug 72
 LEM International Sep 75
 Lloyds Register Dec 50/51
 London Underground Sep 117
 Loram May 25, Sep 85
 Lucchini RS Apr 21, Sep 41
 Luhn & Pulvermacher Dittmann &

Neuhaus Sep 86

M

Mack Brooks (*Expo Ferroviaria*) Feb*, Mar 28
 Mack Brooks (*Infrarail*) Apr 41
 Matisa Dec FC
 Max Bögl Aug 53, Sep 37
 Mechan Jun 49, Sep 100
 MEED (*MENA Rail & Metro Summit*) Oct 41
 Mersen Sep 50, Oct IFC
 Messe Berlin Feb 15, Jul 15
 Mitsubishi Electric Sep 95, Oct 21
 Moxa Jul 46, Aug 50, Sep 87, Nov 23
 MTU Jul 47, Aug 38/39, Sep 67, Nov 21

N

Nabtesco Sep 98
 NEM Solutions Aug 44, Sep 83
 Nencki May 54, Sep 115
 Nexans May IFC, Jun IFC, Aug IFC, Sep 9, Oct 55, Nov IFC, Dec 5
 NextSense Sep 84 & 102
 NRE Sep 56, Nov 35, Dec 21
 NTA – Metropolitan Mass Transit System, Israel Dec 57

O

Omnicom Aug 54

P

Pandrol May 40, Jun 21, Aug 46, Dec 52/53
 Parker Hannifin Sep 37
 Penn Machine Sep 72
 Plasser & Theurer Jan IFC, Feb 3, May 45, Aug 49, Sep FC, Oct 5, Dec IFC & 49
 Platform Basket Apr 13, Aug 37, Sep 44
 Progress Rail – Signal Division Apr 31
 Prose May 34

R

Renk Test System May 30, Sep 83
 Ressel Invest Jun 49
 Robel May 33, Aug 43
 Rosehill Rail Jan 27, Feb 19, Mar 35, Apr 35, May 21, Jun 13, Jul 29, Aug 68, Sep 108, Oct 30, Nov 53, Dec 44

S

Schaeffler Jul 23, Sep 17
 Schaltbau Sep 47
 Selectron Apr 27, Sep 92
 SHC Heavy Industry Sep 15
 Siemens Mar IFC, May 43, Jun 33, Jul 13
 Siemens Mobility Aug 65, Sep 21
 Siemens Rugged Aug 27, Sep 53, Nov 27
 SKF Jul 46, Aug 67, Sep 101
 Speno International May 49, Sep 76
 SRS Rail System Jan 21, Apr 15, Aug 63, Nov 49
 Stadler Rail Sep 103
 Systra Group Mar 3, Apr 3, Aug 28, Nov 5

T

Talgo Sep BC
 Tata Steel Jun 24
 Teknoware Apr 13, Jun 38, Dec 33
 Terrapinn (*MetroRail Europe 2014*) Jan 33
 Terrapinn (*MetroRail Europe 2015*) Nov 64
 ThermOmegaTech Sep 65

Toshiba Sep 12/13, Nov 7
Toyo Denki Seizo Sep 97
TTG Sep 90/91
TTI Power Jan 39
TRE Aug 67
Turkel Fair (*Eurasiarail*) Sep 112

U

UIC Mar 40
Ultimate Europe Transportation
Apr 30, Jul 31, Sep 46
Unicontrols Sep 88

V

VAE Mar 19, Apr 17, Sep 93
Voestalpine Schienen May 51,
Aug 55, Dec 41
Vossloh Apr BC, Jul IBC, Aug IBC,
Sep 27, Oct BC
VTG Mar 31, Oct 19

W

Windhoff Jun 47, Sep 44
Wi-Tronix Nov 13

Z

Zhuzhou CSR Times Electric
Jun BC, Jul BC, Aug 23, Sep 23,
Oct BC, Nov IBC, IBC
ZTR Control Systems Jul 16, Aug 67,
Sep 81