

# **G&W Investor Day**

November 9, 2017

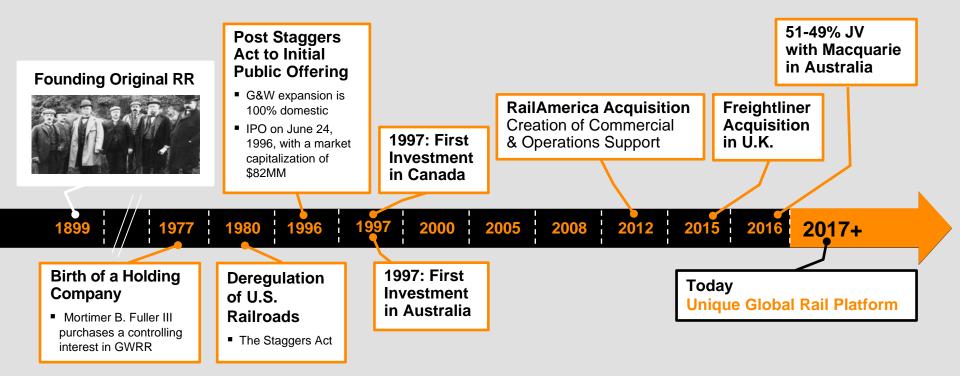


# **Forward Looking Statements**

This presentation contains "forward-looking statements" regarding future events and the future performance of Genesee & Wyoming Inc. that involve risks and uncertainties that could cause actual results to differ materially from those expressed or forecasted, including, but not limited to, risks related to the operation of our railroads, severe weather conditions and other natural occurrences, economic, political and market conditions (including employee strikes or work stoppages), the credit risk of customers and counterparties, customer demand, railroad network congestion, derailments, currency fluctuations, changes in commodity prices, increased competition in the relevant market, and others, many of which are beyond our control. The Company refers you to the documents that it files from time to time with the Securities and Exchange Commission, such as the Company's Forms 10-Q and 10-K, which contain additional important factors that could cause its actual results to differ from its current expectations and from the forward-looking statements discussed during this presentation. Forward looking statements speak only as of the date of this presentation or the date they were made. Genesee & Wyoming Inc. does not undertake, and expressly disclaims, any duty to update any forwardlooking statement contained in this presentation whether as a result of new information, future events or otherwise, except as required by law.

Agenda		
Topic	Time	Speakers
Introduction	8:00	Jack Hellmann
UK/Europe	8:15	Adam Cunliffe, Matt Walsh
Australia	8:45	Tom Savage
North America - Managing and Supporting Operations	9:15	Rich Regan, Ray Goss and Greg Walling
- Introduction to Northeast and Western Regions	9:45 BREAK 10:15] 10:30	Dave Ebbrecht Brad Ovitt
- Growing North America	11:00	Michael Miller, Mike Peters
Corporate Development	11:30	Matt Walsh
Long-Term Outlook	12:00	T.J. Gallagher
Closing	12:15	Jack Hellmann

# **Historical Context of the G&W Journey**

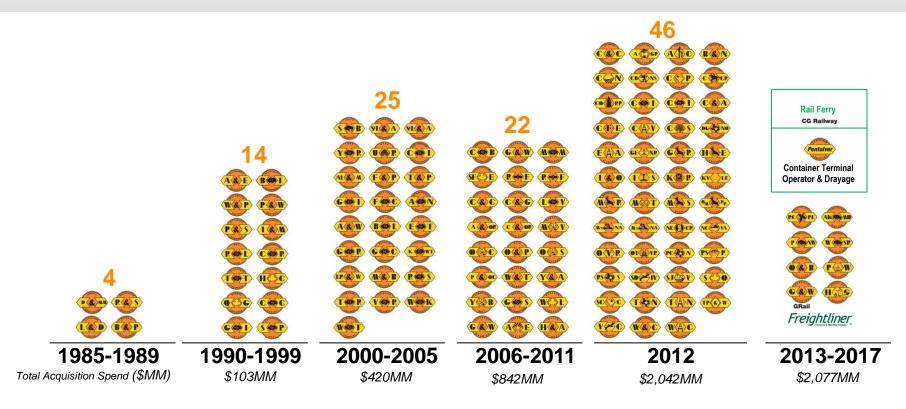


# **Overview**

- NYSE: Listed as GWR with ~\$4.6B market capitalization
- Railroads: 122 railroads with ~16,000 track miles
- **People:** 8,000
- **Customers:** 3,000
- Equipment: 1,350 locomotives
- Carloads: ~3.4 million annually

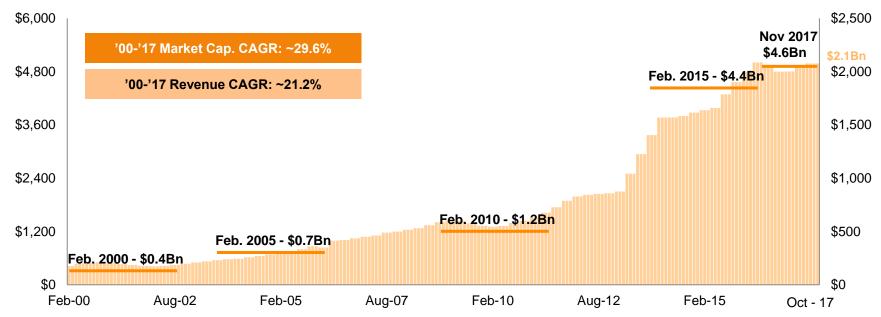


# Platform Built on Recognizing, Executing and Integrating Acquisitions



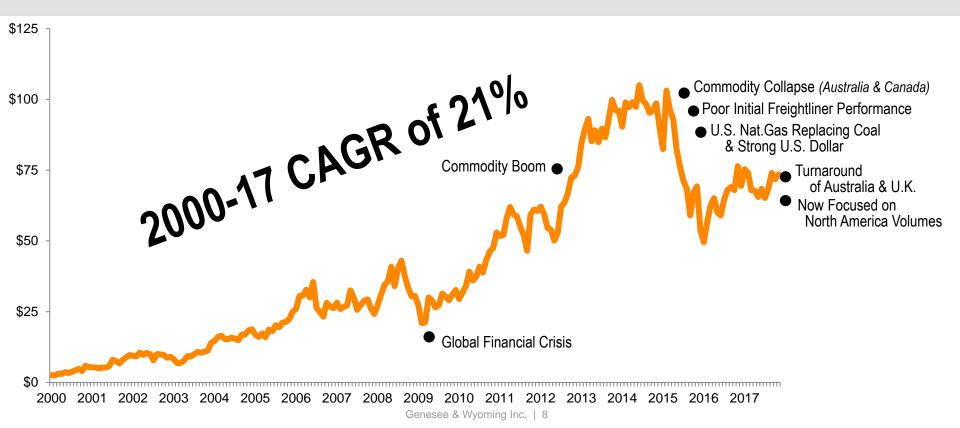
#### For Shareholders Over Time Significant Value Creation

#### Market Capitalization and Revenue since 2000 (\$MM)



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#### **G&W Share Price Performance: 2000 - 2017**



# **Unique Global Rail Platform**

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6

#### Stability With High Barriers To Entry



Strong and Stable Free Cash Flow Generation



Diversified Across Geographies, Customers and Commodities



Irreplaceable Collection of Rail and Transportation Infrastructure Assets and Real Estate

#### Execution

Best Practices Driving Operational Excellence

Effective and Proven Management Team

Reputation is a Key Driver of Success

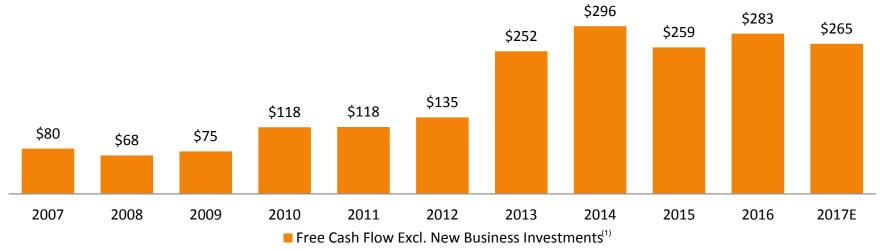
#### **Growth Platform**



Organic Growth, Investments and M&A

#### **Strong and Stable Free Cash Flow Generation**

G&W's ability to adjust costs and capital investment to match operating conditions allows the company to consistently generate and grow free cash flow



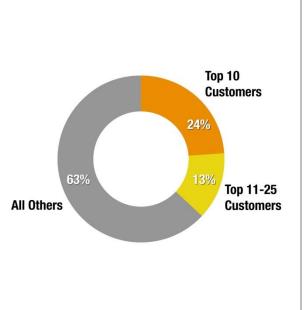
1. Free Cash Flow and Free Cash Flow excluding New Business Investments are non-GAAP financial measures. Reconciliations of non-GAAP financial measures accompany this presentation. 2. 2017E free cash flow excluding new business investments includes 51% of pro forma GWA JV

#### **Diversified Across...**

### Geographies

% of G&W Total 2017E Revenue

#### Canada Coastal 5% Western 7% **U.K./Europe** 7% 29% Southern 8% 10% Midwest 10% 10% Australia Northeast Central

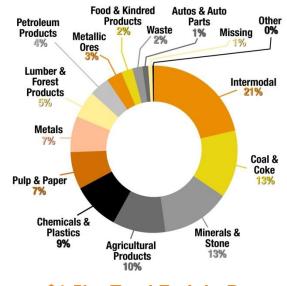


Customers

% of G&W Total 2017E Revenue<sup>(1)</sup>

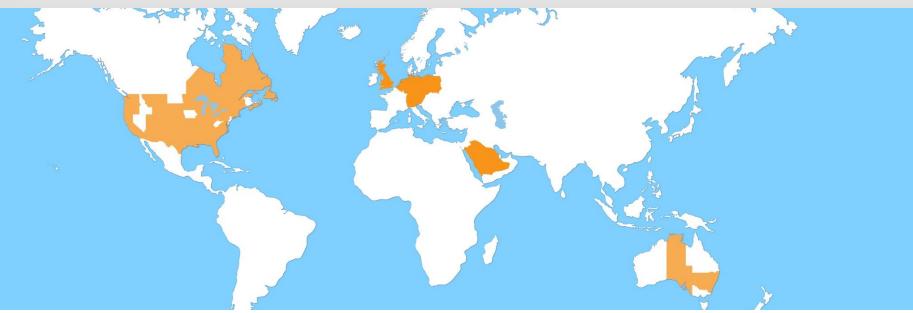
### Commodities

% of G&W Total2017E Freight Revenue<sup>(1)</sup>



#### ~\$1.5bn Total Freight Revenue

#### Irreplaceable Collection of Rail Infrastructure, Terminals and Real Estate

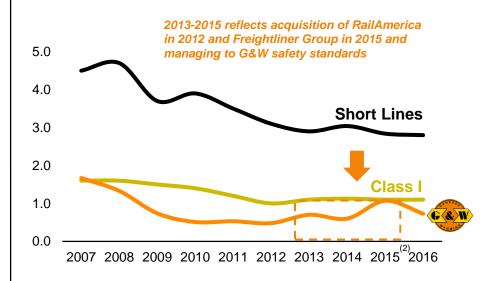


- Largest Short Line Operator in North America, operating in 41 U.S. States and 4 Canadian Provinces
- Largest Rail Operator in U.K. Intermodal with key Real Estate at Ports and Inland Terminals; Offer Trains, Trucks & Storage Services
- Strong Position as #3 rail operator in Australia, with long-term track concession & contracts

#### **Best Practices Drive Operational Excellence**

- Industry-leading safety
- Cross regional benchmarking
- Senior corporate railroad experts
- Fit-for-purpose cost & capital philosophy

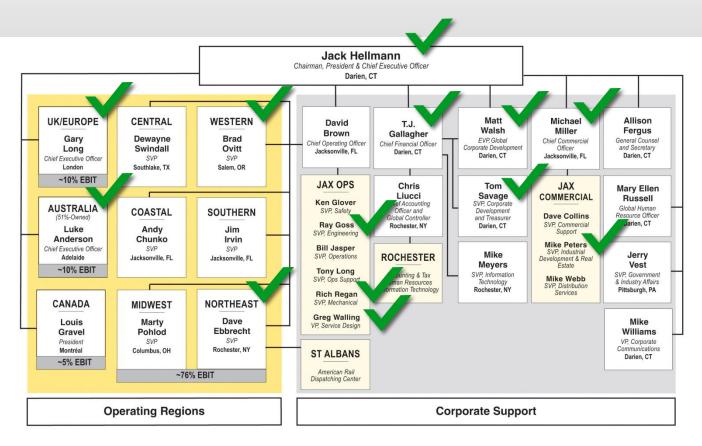




1. G&W results excluding March 2015 Freightliner acquisition

2. G&W results include April 2015 acquisition of Freightliner Group

#### **Proven Team Managing Global Platform**



### **Reputation is a Key Driver of Success**

#### Outstanding Reputation Among Stakeholders Customers | Employees | Government and Regulators Potential Sellers | Class | Railroads

- G&W's core purpose is to be the safest and most respected rail service provider in the world
- Committed to Core Values of Focus, Integrity, Respect and Excellence
- Unmatched safety record which reflects corporate culture
- G&W seeks to be transparent, rational and reliable
- Regional organization creates close proximity with customers and stakeholders
- Long-term ownership perspective

#### **Growth Platform**

Organic Growth, Investments and M&A

- Organic Growth with New and Existing Customers
- Low Risk, High IRR New Business Investments Available Across Geographies in Numerous Projects (Track, Equipment, Property)
- Acquisitions of Railroads
   Within Existing Footprint
- Global Expansion Opportunities in Rail and Related Transport Assets



#### UK/Europe Region Adam Cunliffe, Managing Director, UK



### 2008: G&W Entry to Europe

#### **Rotterdam Rail Feeding**

- Small, ~€20mn revenues
- Similar to G&W port operations
- Operate to/from German border; expanded into Belgium/Antwerp in 2011
- Touches ~50% of all containers going through Rotterdam by rail
- Material port growth expected (Maasvlakte 2)



### 2015: Meaningful UK Acquisition with Optionality

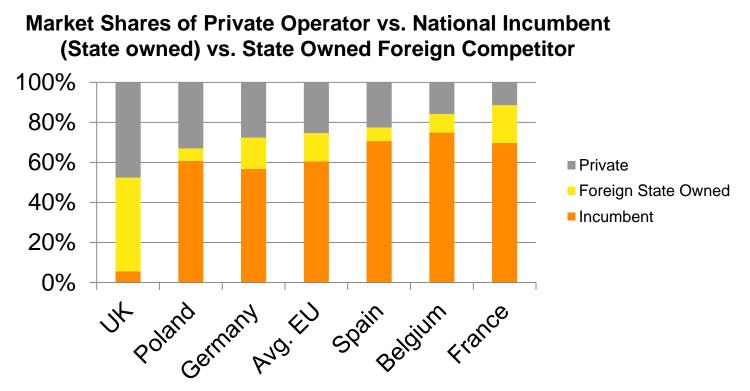
Purchased 100% of Freightliner Group for £492 million and deferred consideration of £24 million

- 80% of business in the UK
  - Largest UK railway provider of maritime intermodal
  - UK bulk "heavy haul" unit train business similar to G&W Australia (GWA)
- Expanded GWA into New South Wales with business underpinned by major Glencore contract



Freightliner train for Network Rail

# UK Privatized Differently from Continental Europe



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# **UK/Europe Overview**

- Companies: 7
- **People:** 2,900
- **Customers:** 2,100
- Primary Commodities: Intermodal, Minerals & Stone, Agricultural Products, Coal
- **Equipment:** 245 locomotives, 354 trucks
- Annual Carloads: ~1.1 million
- Annual Revenues: US\$625 million



#### Regional Organization: Market Leading UK Operations

Freightliner



- Largest transporter of maritime intermodal containers in UK
- 2<sup>nd</sup> largest provider of bulk rail services

 Largest provider of container storage and services in UK

#### Regional Organization: Niche Operations Outside the UK



 3% of Polish market share, 2<sup>nd</sup> largest hauler of aggregate plus German operations



 Provides management and training to Saudi Railways above rail operations; "asset-light"



 Rail intermodal freight forwarder from northern German ports

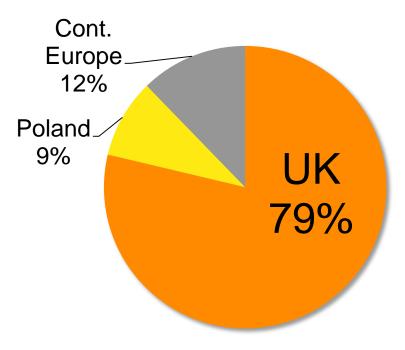


 Largest provider of rail switching services in Port of Rotterdam

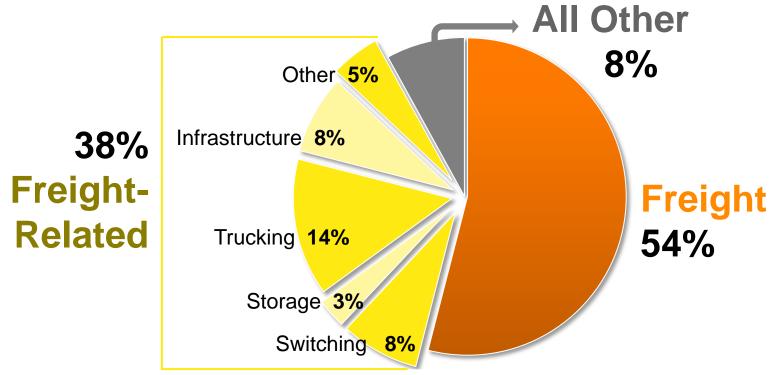
# **UK/Europe**



# **UK/Europe Revenues**



# **UK/Europe Revenue Mix**

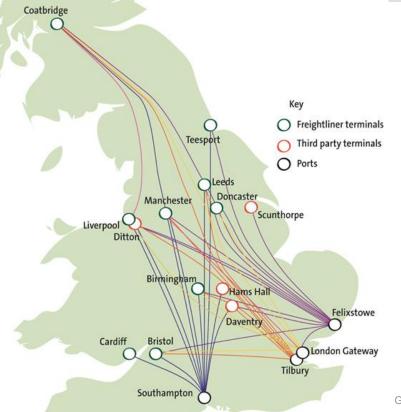


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# Freight Revenue by Commodity

Commodity	Freight Revenue	Comments
Intermodal	76%	~85% UK
Minerals & Stone	20%	Aggregates in Poland and UK
Agricultural Products	2%	Poland
Coal & Coke	2%	UK and Poland
Total	100%	

# **UK's Largest Maritime Intermodal Provider**



- Hauls 20% 25% of all maritime containers in the UK
- 4x as many services as competition
- Nationwide network of 9 owned and operated inland terminals
- Own port terminal at Southampton
- Provide last mile trucking from inland terminals with both own and subcontracted fleet

### Pentalver Expands Intermodal Service Offering



- 100 acres of container storage and services in four major UK ports
- Major inland terminal near Birmingham
- Complementary to Freightliner rail services
- Integration with Freightliner trucking fleet
- Expanding footprint (London Gateway)

# 2<sup>nd</sup> Largest Provider of Bulk Rail Services

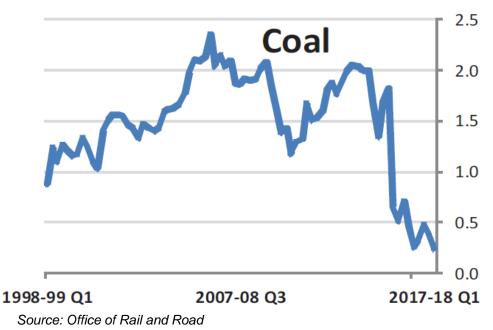


- National footprint
- Aggregate driven by national infrastructure projects
- Services to Network Rail material part of business
- HS2 will create significant demand



### 2015 – 2017: Collapse of UK Coal-Generation Market

Coal volumes by rail went from 52 mn tons in 2013/14 to 12 mn tons in 2016/17 Total Freight Moved (billion net tonne km), Great Britain



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# **Heavy Haul Actions**

#### Restructured Operations Post Coal Collapse (~20% 2015 UK revenues)

- Labor redundancies across all levels
- Returned coal wagons and converted others for aggregate (both continuing)
- Integrated Heavy Haul and Intermodal (dispatch, equipment, mgmt.)

Converted Freightliner coal wagon for aggregate



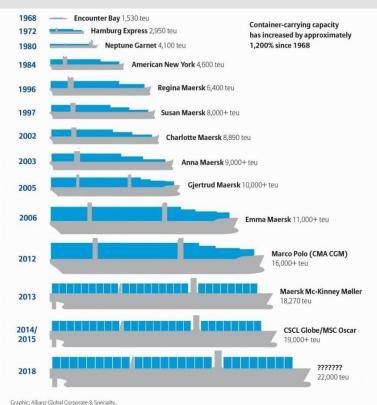
- Repositioned labor and equipment to other business
- Renegotiated lease terms on locomotives longer term for lower rates

### Freightliner 2016 – mid-2017 Shipping Industry Crisis / Port Congestion

- Record financial losses by all major shipping lines
  - Hanjin bankruptcy
  - Major industry consolidation
  - Alliance shifts and new ports of call

#### 20,000 TEU container ships

- Unloads 4 5 days of volumes in 1 2
- Mass congestion at the ports
- Inconsistent with scheduled rail network



Approximate ship capacity data: Container-transportation.com

### Intermodal Actions (continued)

- Work with ports to better coordinate and focus on rail service
- Maximize train length
- Convert spot volumes to contract
- Rate adjustments
- Standardizing and optimizing train plan; increase volumes but with same number of services



Port of Felixstowe

### 2015 – 2017: ERS Underperformance & Actions

- 1. 2016 ERS lost \$12mn driven by "Open Train" service: Rotterdam to Milan & Poland
  - Italy lane most competitive in Europe
  - EU subsidy for Polish traffic expired
  - Shipping crisis exacerbated issue
- 2. Q2 2017 shut open train service and closed Rotterdam, Frankfurt offices
- 3. Rail freight forwarding operation from North German ports is profitable via 47% owned railway JV boxXpress



ERS Network – North German Ports to southern hinterland

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#### 2016 - 2017: Acquisition of Pentalver

Purchased from Maersk (~£78mn\*)

- 100 acres of container storage and services in major UK ports
- Inland depot near Birmingham capable of connecting to rail
- ~150 trucking fleet running trunking services to/from ports
- Full suite of container services (repair, reefer, etc.)



#### 2016 - 2017: Acquisition of Pentalver (continued)

- Highly complementary to UK intermodal business
- Storage depots offers relief value from congestion issues
- Coordination with Freightliner rail and road offers customer choice and increases efficiencies
- Enhanced collection and delivery from inland terminals
- Recently announced expansion of London Gateway depot (Q1 2018)



# 1. Continue to grow UK intermodal revenue

- Port of Felixstowe expanding rail capacity by 42%
- Overall demand for intermodal service increasing
- Longer term HS2 creates 2x rail capacity to the Midlands and beyond

#### Freightliner daily services from each major port

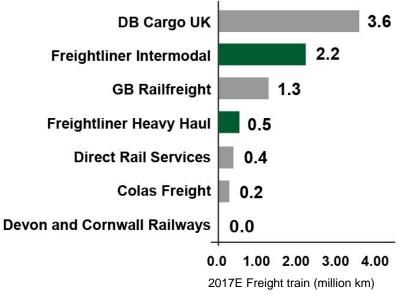
Port	Felixstowe	Southampton	London Gateway
Services	22	14	5
% of Containers from Port (est.)	~19%	~25%	NA



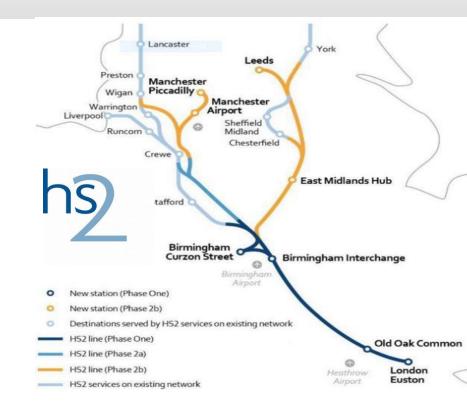
# 2. Continue to grow in UK Bulk sector

- Heavy Haul annual revenues have dropped from £130mn in 2014 to ~ £80mn (all coal related)
- Non-coal heavy haul revenue up 15% since 2015





- 3. Capture increased demand for aggregates from major infrastructure projects
  - HS2
  - Heathrow 3<sup>rd</sup> Runway
  - Hinckley Point
  - Highway spend increase
  - Thames Tideway



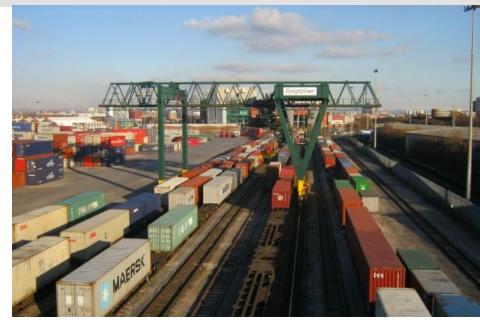
4. Continued integration of Pentalver and Freightliner operations



Port of Southampton

## 5. Increase terminal throughput

- Investment in new cranes and equipment
- Expand existing terminal footprint
- Optimize train size and wagon type – more volume on same # of trains



Freightliner Manchester Terminal

## **Priorities Outside UK**

- Potential asset-light role in the planned \$100+bn expansion of Saudi network and other Gulf area opportunities
- 7. Selectively expand niche operations such as Rotterdam



Saudi Railways

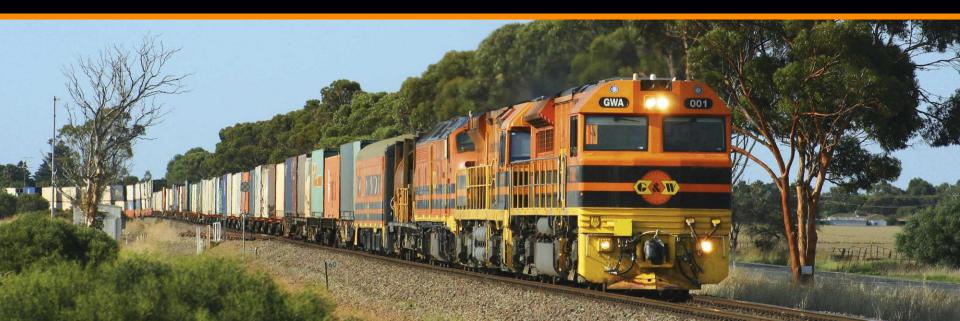


Port of Rotterdam Maasvlakte II expansion





#### Genesee & Wyoming Australia Tom Savage, Senior Vice President, Corporate Development



## **G&W Australia Overview**

#### (51%-owned by G&W)

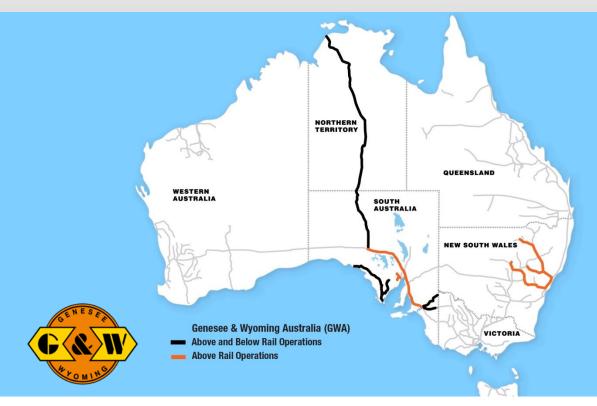
- Markets: New South Wales, Northern Territory and South Australia
- People: 627
- Customers: 270
- Primary Commodities: Coal, Intermodal, Metallic Ores, Agricultural Products
- Equipment: 123 locomotives
- Annual Carloads: ~570,000
- Annual Revenues: US\$307 million



### **Genesee & Wyoming Australia**



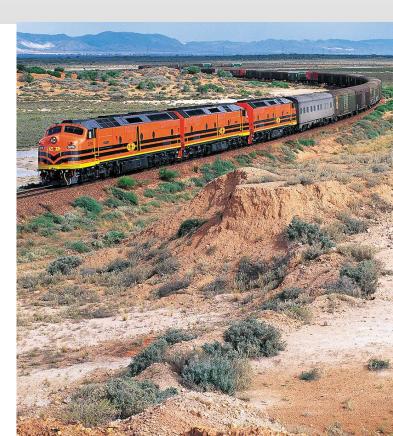
#### Above & Below Rail Operations: Genesee & Wyoming Australia



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#### History of G&W in Australia 1997 - 2000

- Privatization of loss-making assets of Australian National in South Australia for A\$33 million
  - Interviewed and hired necessary workforce
  - Loss-making business was profitable on day 1
  - G&W was the first foreign investor in Australian rail sector



#### History of G&W in Australia 2000 – 2006

- Acquired ARG in 2000 for \$334 million via 50-50 joint venture with Wesfarmers
  - G&W contributed South Australia operations to JV plus cash investment of \$21 million
- Sold to Babcock & Brown and Queensland Rail in 2006 after unsolicited offer
  - G&W realized ~\$215 million of after-tax proceeds on initial investment





#### History of G&W in Australia 2006 – 2015

- Re-establishment of GWA in South Australia following ARG sale
- Purchase of Tarcoola-Darwin Railway for A\$332m in 2010
  - Business acquired out of bankruptcy
  - Significant expansion boosted by operating efficiency, capital deployment and commodity super cycle through 2014
  - Commodity price collapse in 2014-2015 led to closure of some mines



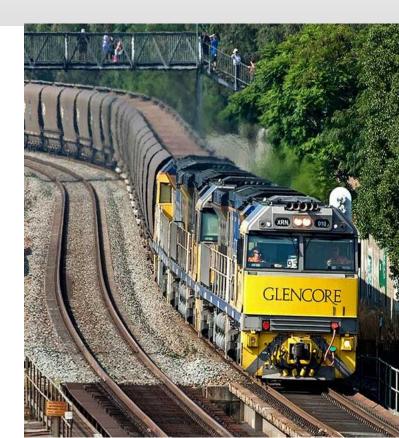
# History of G&W in Australia 2015

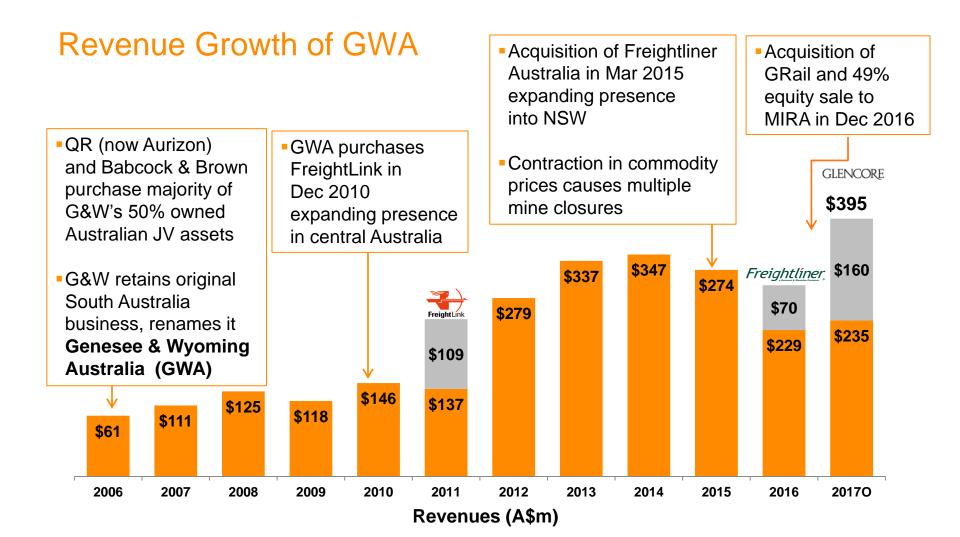
#### Added Freightliner Australia as part of acquisition of Freightliner Group



#### History of G&W in Australia 2016 – Present

- Acquired Glencore Rail for A\$1.14bn with long-term, take-or-pay contract; concurrently sold 48.9% of GWA to Macquarie Infrastructure and Real Assets
- Recovery of commodity prices led to mines reopening and new business opportunities

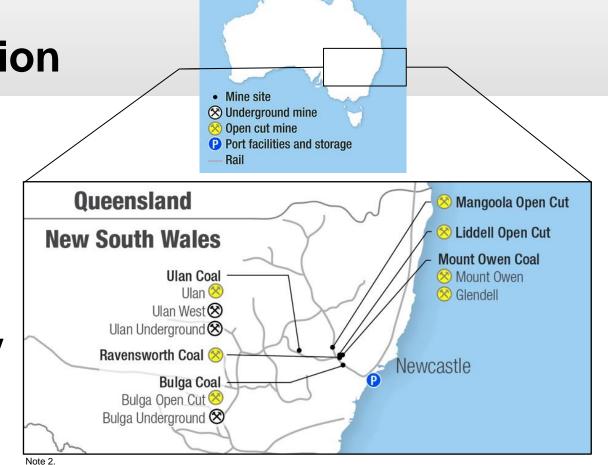




## **GRail Acquisition**

Strong market position in NSW Hunter Valley; platform for expansion...

- Scale
- Mine-Site Diversity
- Strong Customer



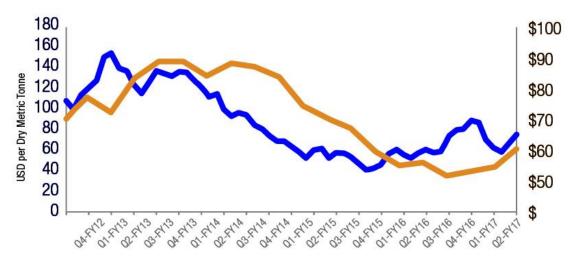
## **Global Commodity Crisis**

- Commodity price collapse
- 2014-15
  - 4 mines shut down
  - Arrium bankruptcy
  - Management response:
     3 rounds of cost cutting

#### 2016-17

- 2 mines reopened
- Other new projects announced

- G&W Australia Operating Revenue (in millions of A\$) (Excluding Freightliner Australia & GRail)
- **China Import Iron Ore Fines 62% FE spot** (CFR Tianjin Port)



## Australia Commodity Mix

Commodity	Freight Revenue	Comments
Coal & Coke	46%	Hunter Valley
Intermodal	27%	NT & SA, Domestic Freight
Metallic Ores	15%	Manganese, Copper Ore and Iron Ore
Agricultural Products	9%	Primarily Export
Minerals & Stone	3%	Gypsum
Total	100%	

Coal

## GLENCORE





**Metallic Ores** 





#### Metallic Ores









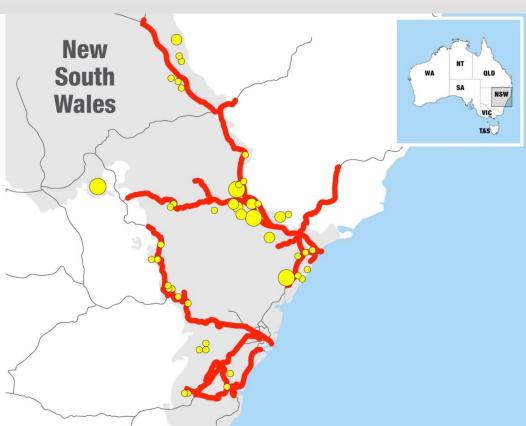
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# Illustrative Growth Opportunities

#### Future Growth Opportunities New South Wales

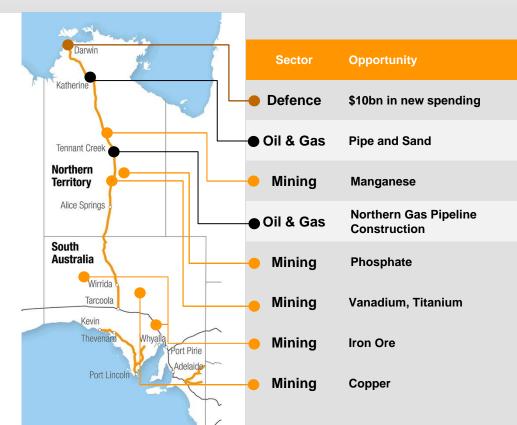
#### Hunter Valley Coal Market

- Annual production ~170MT export thermal coal, mostly Asian buyers
- Contracted 30% increase in Glencore volumes as its other rail haulage agreement expires in 2020
- Actively pursuing spot haulage opportunities with excess capacity
- Strong growth pipeline with >50 million tons/year in opportunities to serve existing and new mines over next 5 years

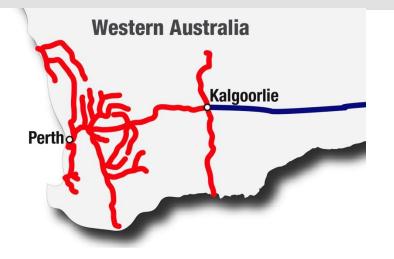


#### Future Growth Opportunities South Australia / Northern Territory

- Early stage recovery in global commodity prices during 2017
- Multiple growth opportunities for GWA in bulk rail haulage operations, particularly along SA/NT corridor (see map)
- Diversity of commodity mix



## **Open Access Market Opportunities**



- Agricultural Products
- Metallic Ores

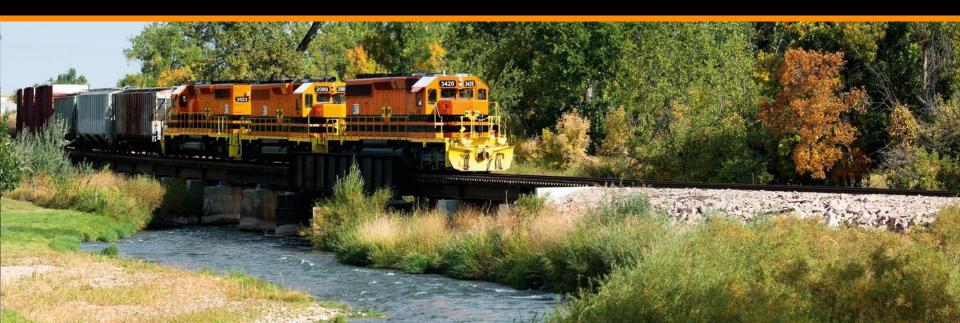


- Met Coal
- Agricultural Products
- Inland Intermodal





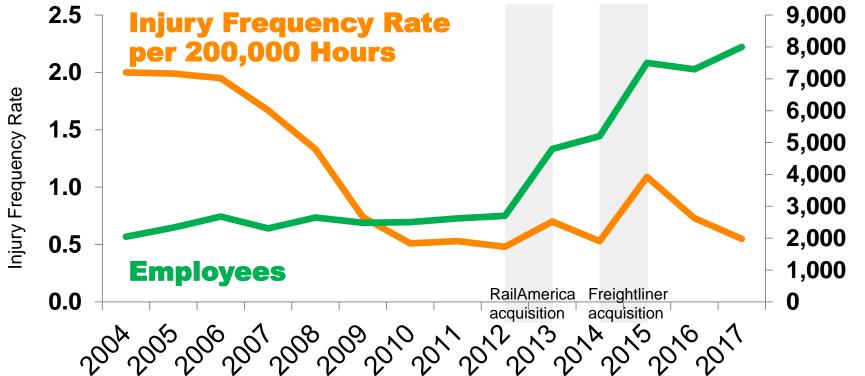
## **North America Operations**



#### G&W's Decentralized Operating Philosophy

- Operating decisions best made at the railroad level
- Best practices, expertise and efficiencies provided by centralized corporate staff
- Local focus is key to G&W's strong safety and customer-satisfaction results

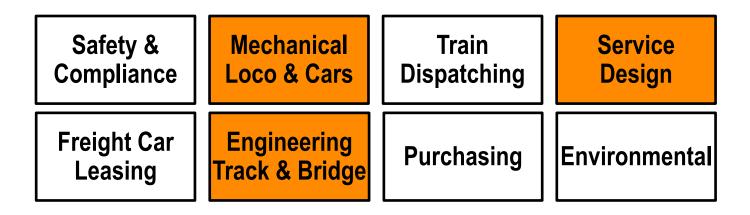
## Leadership in Safety



Employees

### **Operating Support for Regions**

#### **David Brown, Chief Operating Officer**



NINE OPERATING REGIONS

#### Support, Standardized Processes and Best Practices



### Managing G&W's Global Locomotive Fleet

Rich Regan, Chief Mechanical Officer



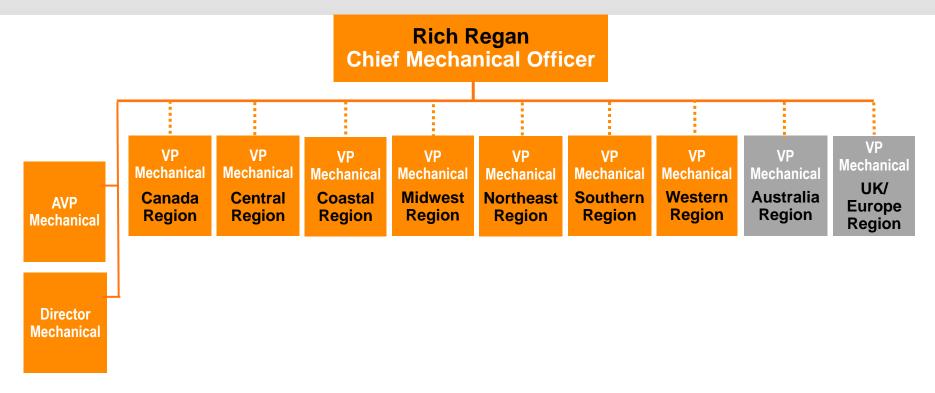
## Topics

- Locomotive Fleet Management
- North American Fleet
- Integrating Acquisitions



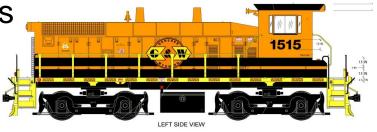


### **Structure of Locomotive Fleet Management**



### **Quick Facts**

- Fleet includes 1,344 locomotives
- Mix
  - 92% EMD
  - 6% GE
  - 2% Other
- 85% Owned and 15% Leased
- 818 4-axle
   526 6-axle





### **The Southwest Airlines Analogy**

#### 92% of the North American fleet are EMD locomotives

- 70% have interchangeable components
  - SD40, GP40, GP38, GP15 and SW1500
- Of the remaining 30%, 2/3 have interchangeable components
  - GP7, GP9, GP10
- 5% GE
  - C40, B40, B39
- 3% GenSets

### **Capital Efficiency**

#### Typical Class I Locomotive

- Buy New/Rebuild
- \$1 \$3 million
- 60 MPH operations
- ~575MM GTMs/year

#### Typical G&W Locomotive

- Buy Used/Rebuild (~20 years old)
- **\$250k \$500k**
- 10 MPH 40 MPH operations
- 17MM GTMs/year





**Before** 

After

#### SD40-2 Acquired in 2014

#### Integrating Acquisitions and Evolving the Fleet Case Study: Providence and Worcester

#### **Initial Fleet**

#### >10 months

32 Locomotives

#### 6 Models

- 6 EMD GP38 3 EMD SD60
- 12 GE B39 2 EMD SD40
- 7 GE B40 2 EMD SD70

EMD GP38	GE B39	GE B39	GE B40	EMD SD40
EMD GP38	GE B39	GE B39	GE B40	EMD SD40
EMD GP38	GE B39	GE B39	GE B40	EMD SD70
EMD GP38	GE B39	GE B39	GE B40	EMD SD70
EMD GP38	GE B39	GE B40	EMD SD60	
EMD GP38	GE B39	GE B40	EMD SD60	
GE B39	GE B39	GE B40	EMD SD60	

#### **Restructured Fleet**

- 22 Locomotives
- 3 Models
  - 6 EMD GP38
  - 7 GE B39
  - 9 GE B40

EMD GP38	GE B39	GE B40	GE B40
EMD GP38	GE B39	GE B40	GE B40
EMD GP38	GE B39	GE B40	
EMD GP38	GE B39	GE B40	
EMD GP38	GE B39	GE B40	
EMD GP38	GE B39	GE B40	
	GE B39	GE B40	

## North America

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# Genesee & Wyoming Australia

STATE .

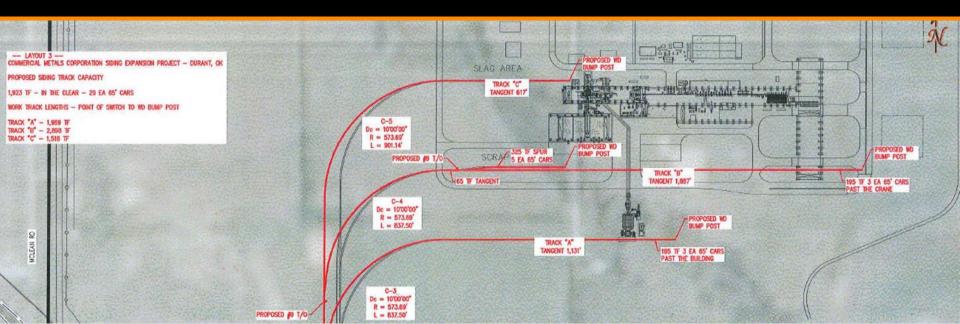
G & W





### **Service Design**

Greg Walling, Vice President, Service Design & Operations Productivity



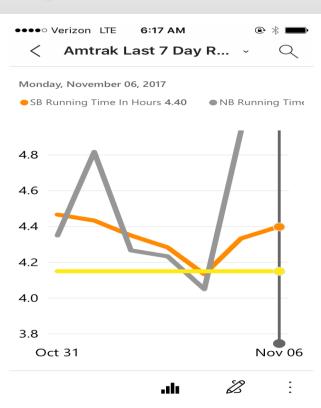
### What is Service Design?

- Optimizing Rail Transportation Service and Efficiency
- Examples
  - 1. Service plan creation and optimization
  - 2. New service for connecting Class I / new customer on existing line
  - 3. Service plan for contract management



#### What is Service Design? Service Plan Creation and Optimization

RSRBDF	R CCH		C	ar Schedul	e Details			QPADEV0054
Block T	: BKTY 15 D: NS-MACC : Pull fi	ON CLI	4 14	ate/Time Jaybill Nbr	11/06/17 5 324568 Hold Exist?		s Curr ule Nb	
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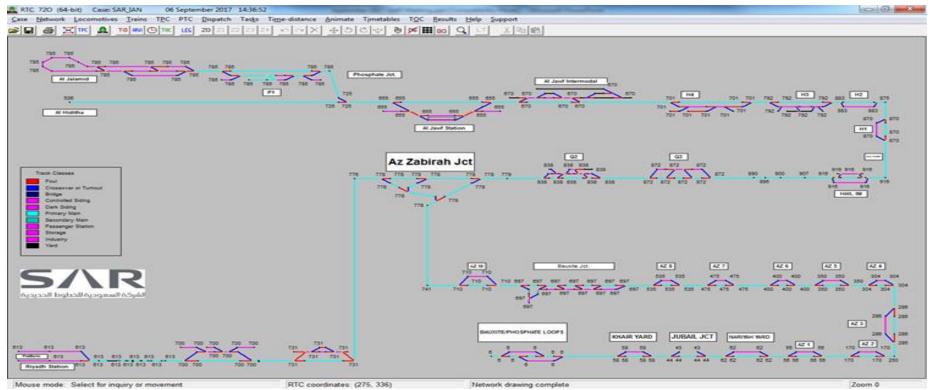
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#### What is Service Design? New service / new customer

RTC 72V (64-bit) Case: PSAP_V11_11_02_2017_BASE PSAP Capacity Planning 07 November 2017 5:31:42	
Save Network Locomotives Inains TBC PTC/CBTC Dispatch Tasks Tom-distance Animate Imretables TQC Benuts Help Support	
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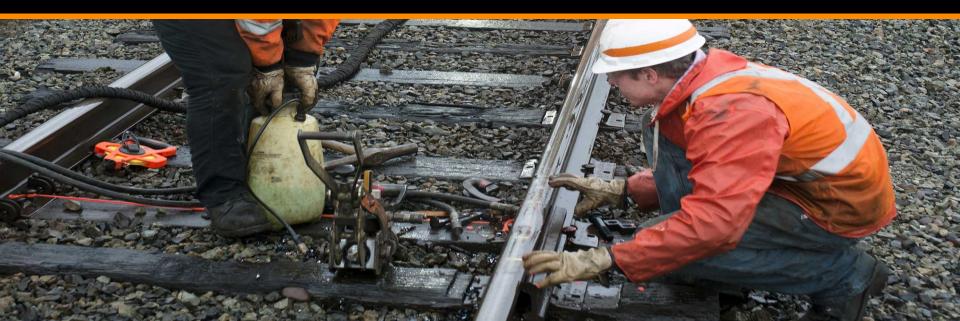
### What is Service Design? Contract management



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#### **Engineering** Ray Goss, Senior Vice President

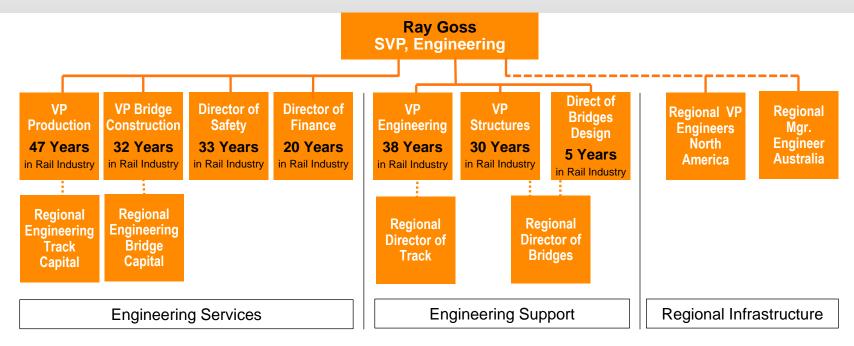


### **Two Roles of Engineering**

- 1. Best Practices Across Regional Track Departments
- 2. Oversight & Execution of 60% of G&W's U.S. Capital Projects (Through Engineering Services Group)



### **Operating Support for Regions**



#### Best Practices: Insourcing Key Inspections

- Bridge Inspection
  - 9,200 Structures (which include 41,000 spans)
  - ~\$1 million Annual Savings via Insourcing
- Track Geometry Testing
  - 17,000 Track Miles Tested Annually
  - ~\$1 million Annual Savings via Insourcing
- Oversight of Ultrasonic Rail Testing Results



#### Best Practices: Deployment of Technology

- Digital Track Notebook (current)
- Use of Drones (future)



## **UAV Technology – Future Plans**

- Bridge Inspections
- Washout/Post-Storm Inspections
- Track Inspection
- Derailment Investigation



**DJI Matrice 210 Platform** 

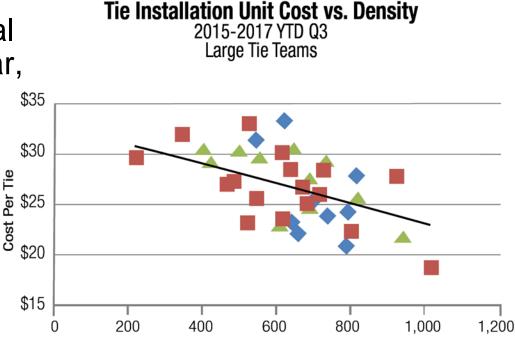
## **Railroad Engineering Services**

- Background (prior to 2015)
  - Track Capital Work 100% Outsourced
- Current State
  - 60% of Track Capital Work Insourced
  - 125 employees
  - Install approximately
     500,000 ties per year
  - 1,400 miles of surfacing
  - Doubled Productivity
    - From 500 ties/day to 1,000+ ties/day



### Impact of Insourcing Major Track Capital Projects

- Reduced Core U.S. Capital by \$10-\$15 million per year, or 10%-15%
- Targeting additional productivity savings going forward
- Sustainable, long-term increase in U.S. free cash flow



Ties per Mile



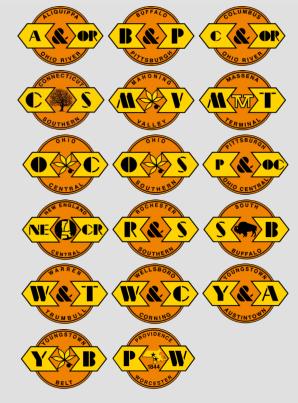


#### Northeast Region Dave Ebbrecht, Senior Vice President



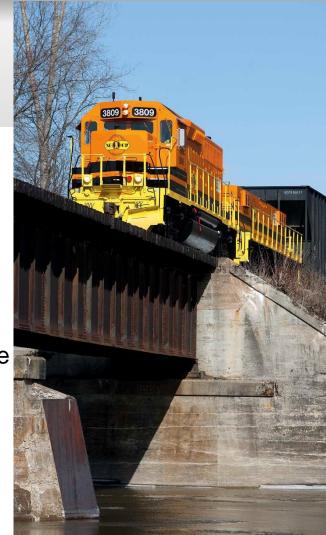
### **Northeast Region Railroads**





## **Northeast Region Overview**

- Railroads: 17 with 3,250 track miles in 8 states
- **People:** 623
- Customers: 450
- Primary Commodities: Steel, Chemicals/ Petroleum Products, Coal, Waste, Minerals & Stone
- Equipment: 194 locomotives
- Annual Carloads: ~300,000
- Annual Revenues: \$220 million





DMM Dansville & Mount Morris Railroad

1985



# MILLIAN 1988 **BPRR Buffalo & Pittsburgh** Railroad







#### Building a Regional Rail Footprint Northeast Region

C & OR 0 **W&&**>T YAAAA MIIIMA

AOR Aliquippa & Ohio River Railroad
CUOH Columbus & Ohio River Railroad
MVRY Mahoning Valley Railway
OHCR Ohio Central Railroad
OSRR Ohio Southern Railroad
POHC The Pittsburgh & Ohio Central Railroad
WTRM The Warren & Trumbull Railroad Company
YARR Youngstown & Austintown Railroad
YB The Youngstown Belt Railroad Company

## **2008** OHIO LINES

#### Building a Regional Rail Footprint Northeast Region

MILLINA

## 2012

CSO Connecticut Southern Railroad MSTR The Massena Terminal Railroad Company NECR New England Central Railroad WCOR Wellsboro & Corning Railroad

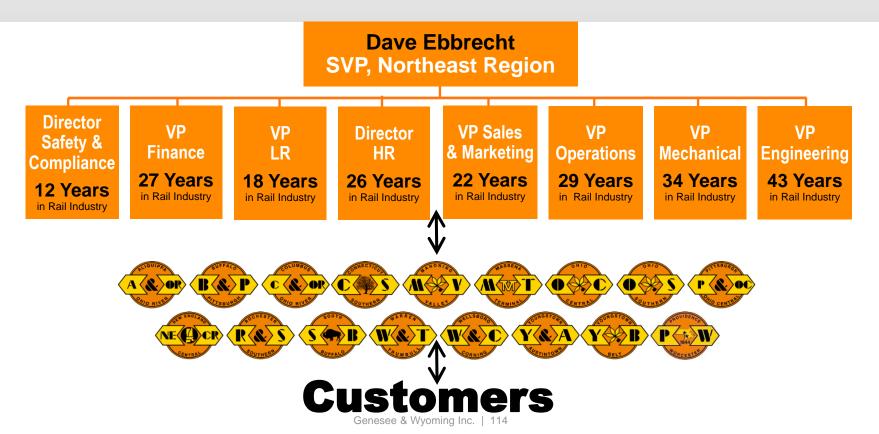
#### Building a Regional Rail Footprint Northeast Region



## **Northeast Region Commodity Mix**

Commodity	Freight Revenue	Comments
Petroleum Products	20%	NGLs/LPGs, Asphalt and Crude Oil
Chemicals & Plastics	14%	Plastics, Industrial Chemicals and Ethanol
Minerals & Stone	13%	Aggregates, Rock Salt and Frac Sand
Metals	13%	Finished Steel, Scrap Steel and Pipe
Lumber & Forest Products	9%	Lumber and Wood Chips
Coal & Coke	8%	Pennsylvania and Ohio Plants
Waste	8%	Construction and Demolition Debris and Municipal Solid Waste
All other	15%	
Total	100%	

#### Regional Organization: Designed to be Close to Customers



#### Minerals & Stone





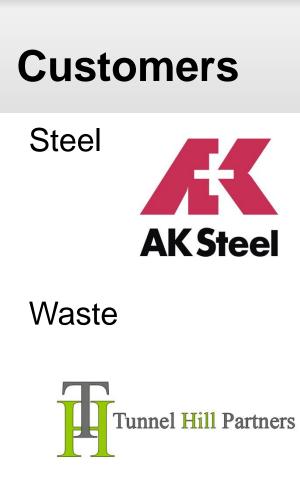
#### **Petroleum Products**

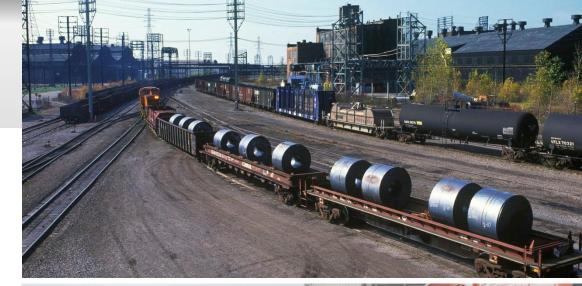
 Leading Utica Shale gas processors:













#### Acquisition Case Study: Providence and Worcester Railroad (PW)



## **Providence and Worcester Overview**

- 513-mile short line operating in MA, RI, CT & NY
- Connects to G&W's NECR and CSO, as well as multiple others
- Acquired by G&W Nov. 2016
- Co-mingled freight & passenger operations



### Keys to Integrating a Railroad at G&W The First 180 Days

- Acquisition model is the budget
- Regional Management Team and **Corporate Transition Team**
- Cultural change in basic tasks
- New safety standards
- Regulatory compliance
- Operational redesign
- Commercial tariff changes aligning with Northeast Region tariffs

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#### W Safety First

BRAINS BEFORE BRAWN



#### se the Right Tool

noose the right size tool for the job spect tools before use - replace or repair

tentify potential risks to help prevent accident

low these Saleguards: DON'T carry a tool by the cord or hose. Keep it close. Grasp the load firmly and lift toward the belt buckle. Hold the load close to the body to avoid putting pressure on the back. Lift smoothly. Baise, carry and lower the load smoothly Never jerk a load.

Guidelines for Safe Lifting

Get a good grip. Grasp the load firmly

Use gloves if they allow for a better grip

 Get good footing. Center body weight to provide a powerful line of thrust and good balance.

DON'T wear loose clothing or lewelry, as these items Avoid twisting. If turning is required while lifting or carrying a load, turn the feet and body instead of twisting the back

Push rather than pull the load

Ask for a Helping Hand!

If it's not working, then re-think your approach and DO maintain good footing and balance when ask for help. Don't risk injury by applying brute force

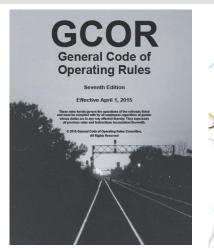
O remove all damaged or improperty adjusted tool O safeguard all moving parts of a power too



rom service for repair

# Phased Integration Progress Day 180 Moving Forward

- GCOR implementation
- Shipper Connect
- Rationalization of assets





# Illustrative Growth Opportunities

# Regional Growth Opportunities New Food-Grade Distribution Facility

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### Who? G3 (Gallo Wine)

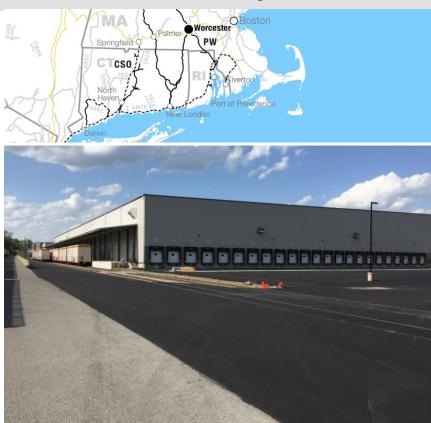
(1,000 annual carloads)

**What?** New 300,000-sq.-ft. wine distribution facility

Where? Worcester, MA

When? Received first carloads in June 2017

Why us? Ideal location; multiple Class I connections



### Regional Growth Opportunities Auto Distribution Facility

# Who? North Atlantic Distribution (NORAD) (4,500 annual carloads)

What? Vehicle distribution for Ford/ Subaru/Audi/Porsche/VW

Where? Port of Davisville, RI

When? Inbound Subaru began Nov. 2016; potential outbound VW in 2017

Why us? Ideal location (Port / I-95 corridor); multiple Class I connections



### Regional Growth Opportunities **Propane Distribution Facility**

Who? Crestwood Midstream (1,100 annual carloads)

**What?** Propane distribution with 180,000 gallons of storage

Where? Port of Davisville, RI

When? 2017; now potential for origin on G&W railroads in PA and Ohio

Why us? Ideal location; multiple Class I connections



#### Regional Growth Opportunities Rail-Served Transfer Station

#### **Who? Tunnel Hill Partners**

(6,000 potential annual carloads)

What? Municipal Solid Waste / C&D

**Where?** Rhode Island, Connecticut and Massachusetts sites

**When?** 2018-2019; potential for origin on G&W railroads and destination to G&W-served Ohio landfills

Why us? Ideal location; multiple Class I connections

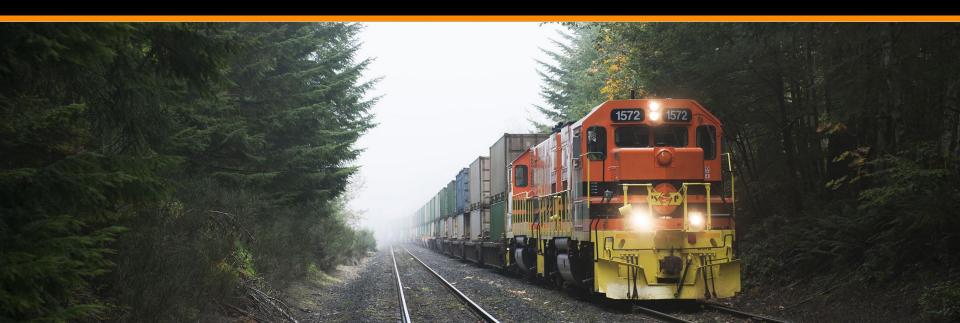


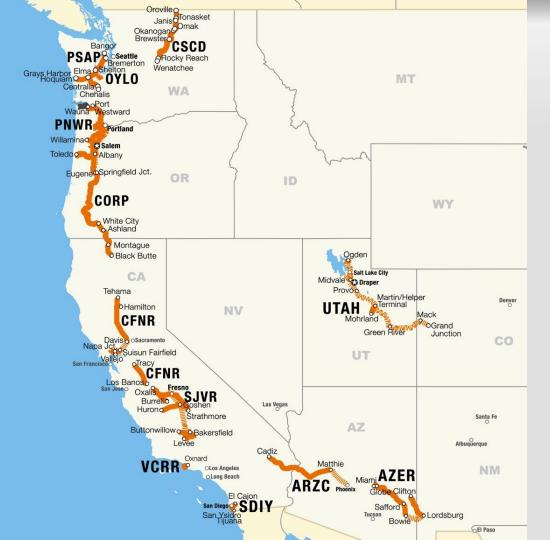






#### Western Region Brad Ovitt



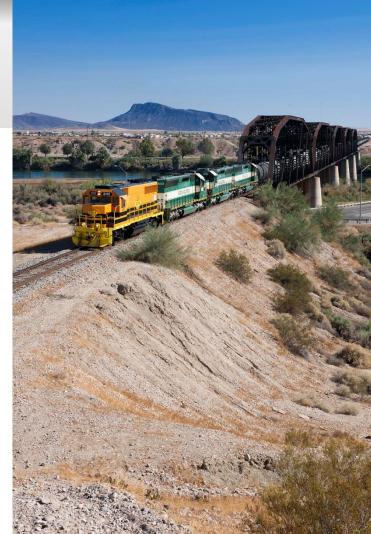


## Western Region Railroads



## **Western Region Overview**

- Railroads: 13 railroads with 2,000 track miles in 7 states
- **People:** 548
- Customers: 415
- Primary Commodities: Lumber & Forest Products, Chemicals & Plastics, Food, Agricultural Products, Petroleum Products, Metals, Minerals & Stone, Pulp & Paper
- Equipment: 142 locomotives
- Ports Served: 6
- Annual Carloads: ~230,000
- Annual Revenues: \$170 million





Portland & Western Railroad, Inc.







#### ARZC Arizona & California Railroad Company CFNR California Northern Railroad Company CORP Central Oregon & Pacific Railroad, Inc. Cascade and Columbia River CSCD Railroad Company PSAP Puget Sound & Pacific Railroad SJVR San Joaquin Valley Railroad Co. 2012 SDIY San Diego & Imperial Valley Railroad Company, Inc. Ventura County Railroad Company VCRR RailAmerica

**2015** OYLO

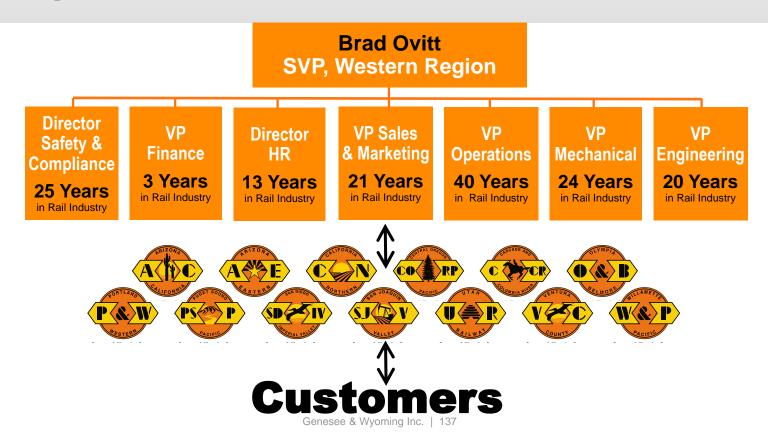
Olympia & Belmore Railroad, Inc.



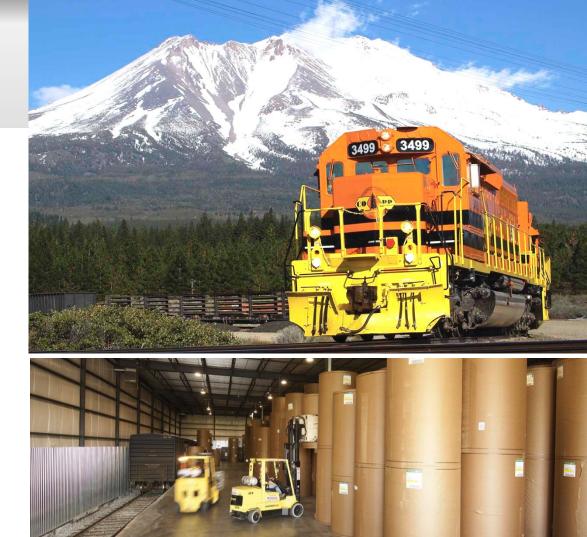
## Western Region Commodity Mix

Commodity	Freight Revenue	Comments
Lumber & Forest Products	27%	Lumber, OSB and Export Logs
Chemicals & Plastics	12%	Industrial Chemicals and Ethanol
Food & Kindred Products	11%	Tomato Paste and Nut & Vegetable Oils
Agricultural Products	8%	Soybean Meal and Grain
Petroleum Products	8%	LPGs and Asphalt
Metals	7%	Copper and Scrap Steel
Minerals & Stone	7%	Aggregates and Sulphur
Pulp & Paper	6%	Containerboard
All Other	14%	
Total	100%	

#### Regional Organization: Designed to be Close to Customers



Largest Lumber & Forest Products Companies in North America









Some of the Largest Farm & Food Products producers in North America





Largest Copper Mine & Smelter in North America





### Acquisition Case Study: Rapid City, Pierre & Eastern Railroad (RCPE)

- Former CP-owned branch line acquired in June 2014
  - Acquired track and customer contracts, no people or equipment
- ~670 miles of track primarily in South Dakota, 180 employees





#### Case Study: Rapid City, Pierre & Eastern Railroad (RCPE)

- Start up 6 months after transaction announcement
  - Hired 180 Employees
  - Acquired 50 locomotives and 2,500 railcars
  - Opened new offices
- "Win Win Win" transaction – CP, G&W and Customers



## Rapid City, Pierre & Eastern Railroad, Inc.



## Immediate RCPE Growth and Expansion

- Carloads have grown significantly since startup
  - Safe, reliable service has increased customer volumes and brought back former customers
  - Increased service levels with connections to 3 Class I railroads
  - New customers and expansions



## Immediate RCPE Growth and Expansion

- Strong Partnership with South Dakota Government
  - Developed public/private partnerships to increase the capacity and efficiency of the railroad



#### S.D. Governor Dennis Daugaard

## **Illustrative Regional Growth Opportunities**

- Automobile import/export, minerals export, grain export (PSAP)
- Terminal/Transloading materials bound for both San Diego and Mexico (SDIY)
- Automobile imports to California (VCRR)
- Utah Crude by Rail (UTAH)







### **Growing North America**

Michael Miller, Chief Commercial Officer

Mike Peters, Senior Vice President, Industrial Development & Real Estate



## **Commercial Agenda**

- 1. Commercial Foundation
- 2. Industry Perspective
- 3. Pricing & Truck Competition
- 4. Commodity Outlook
- 5. Pillars for Growth
- 6. Summary

### **Commercial Foundation**

### Industry Leading Franchises in Each Geography

- 122 Railroads, 9 Autonomous Operating Regions Designed to be Close to our Customers, Serving 40+ ports and over 3,000 customers
- Strong Relationships with our Customers and our Rail Partners and Our Communities

### Commercial Foundation World-Class Safety and Service Offering

- Industry Leading Safety Record for the Past 8 Years Outperforming Class 1's and Short Line Peer Group
- Industry Leading Customer Satisfaction Scoring Better Than Truck or Rail for the Past 10 Years

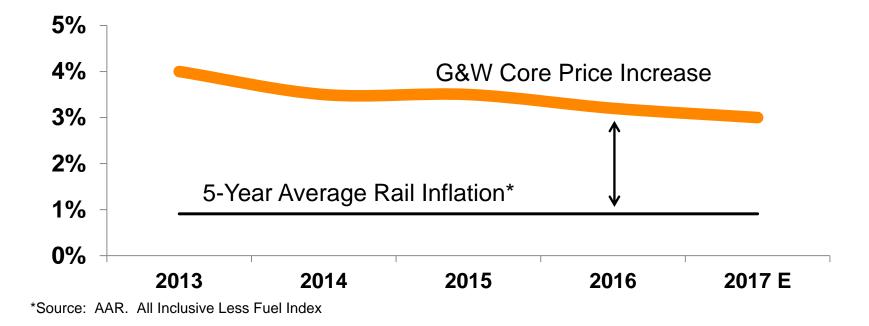
### G&W U.S. Same Railroad Carloads vs. U.S. Class Is Q3 YTD 2017 vs. Q3 YTD 2016 (excludes intermodal)<sup>(a)</sup>

Commodity	Class I % Change	G&W % Change	Class I Mix	G&W Mix	Weighted Variance	Notes
Coal	12.0%	8.3%	34.7%	15.5%	(2.7%)	80% of Overall Variance; Class 1 Export Coal
Minerals & Stone	7.8%	1.8%	13.9%	13.5%	(0.8%)	Class I Frac Sand
Metallic Ores	7.5%	(28.4%)	1.5%	0.8%	(0.4%)	Class I Taconite/Iron Ore; G&W Alumina Plant Closure July 2016; Lower Copper Concentrate
Chemicals & Plastics	0.1%	(1.6%)	12.1%	10.5%	(0.2%)	Reduced Acid Shipments to Copper Mine
Metals	5.8%	0.7%	5.0%	8.6%	(0.2%)	
Agricultural Products	(0.1%)	(1.6%)	12.6%	13.9%	(0.2%)	
Pulp & Paper	(1.1%)	(3.2%)	2.2%	9.7%	(0.3%)	Truck Competition; Plant Outages
Autos & Auto Parts	(7.3%)	15.2%	6.5%	2.1%	0.8%	West Coast Imports; Auto Model Conversion
Consumer <sup>(b)</sup>	(1.7%)	0.6%	5.6%	16.1%	0.2%	
Petroleum Products	(14.8%)	(6.4%)	3.7%	5.2%	0.3%	Class I Crude Oil; G&W LPGs
Other	(3.1%)	2.0%	2.3%	4.0%	0.2%	
Total	3.9%	0.6%	100.0%	100.0%	(3.4%)	

(a) UNP, BNSF, NS and CSX (Source: AAR, G&W)

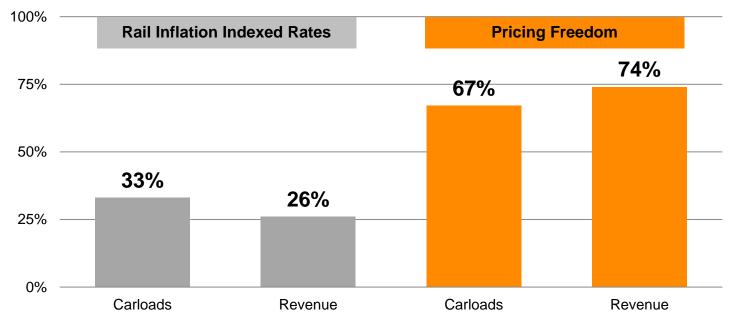
(b) Consumer includes Food & Kindred Products, Lumber & Forest Products and Waste

### 5-Year Pricing Trends North America Same Railroad "Inflation Plus" Pricing



## **G&W Pricing Power by Segment**

### **North American Pricing**



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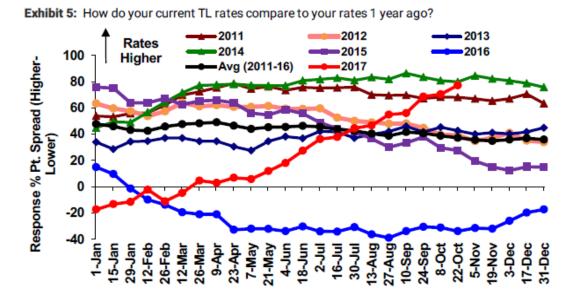
## **Truck Competition**

~\$160mm (20%) of North America Revenue Competes with Truck Today

- Most exposed commodities are paper, lumber, metals, food & kindred
- Customer Factors
  - Consolidation in multiple industries (paper, metals, minerals)
  - Customers are carrying lower levels of inventory
- Truck Industry Factors
  - Low diesel prices, increased fuel efficiency (engines, aerodynamics), with ELD and driver shortages partially offsetting
  - Improved Trucking Technology (reduce backhauls, load matching, capacity pooling, scheduling, etc.)
- Economic Factors
  - Slow economic growth resulted in over capacity in the truck market
  - Energy boom-and-bust cycle

## **Truck Competition**

~\$160mm (20%) of North America Freight Revenue Competes with Truck Today



Source: Morgan Stanley Research; Note: Response % Pt. Spread defined as the % of respondents saying current TL rates are "Higher" vs. a year ago less the % of respondents saying current TL rates are "Lower" vs. a year ago

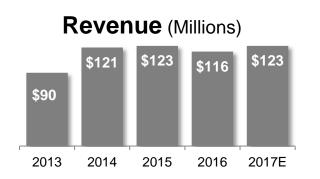
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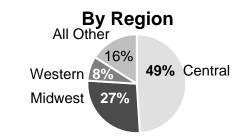
## North America Commodity Outlook

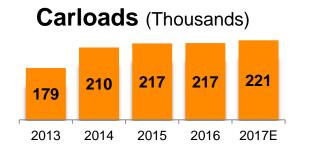
Commodity	Volume	Pricing	
Coal & Coke	$ \blacklozenge $	-	
Minerals & Stone	1	<b>1</b>	
Agricultural Products	$ \blacklozenge $	$ \blacklozenge $	
Chemicals & Plastics	1	<b>1</b>	
Pulp & Paper	$ \Longleftrightarrow $		
Lumber & Forest Products	1	1	
Metals	<b></b>		
Petroleum Products	$ \Longleftrightarrow $	1	

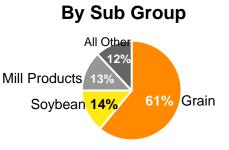
### North America Agricultural Products Outlook

- Strong and diverse franchise
- Serves both global and domestic markets with long-term growth underpinned by increasing yields, growing demand and supply chain efficiency
- Year-to-year volumes impacted by global prices and supply, strong US\$ and weather





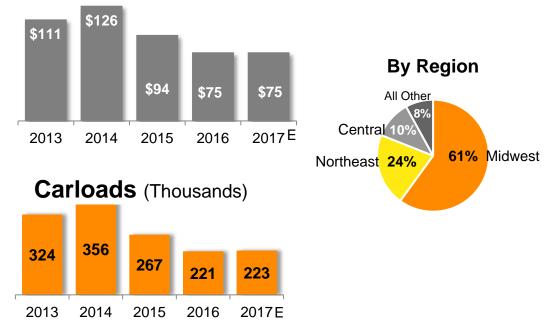




### North America Coal Outlook

- Coal is in secular decline given increasing supply of natural gas, solar, wind generated power
- Certain contracts restructured to reduce price in exchange for guaranteed volumes
- Expect long term volume decline, but variability associated with cold/hot weather, natural gas price swings, etc.

#### **Revenue** (Millions)



## **Pillars of Growth**

### **1.** Retain Existing Customers

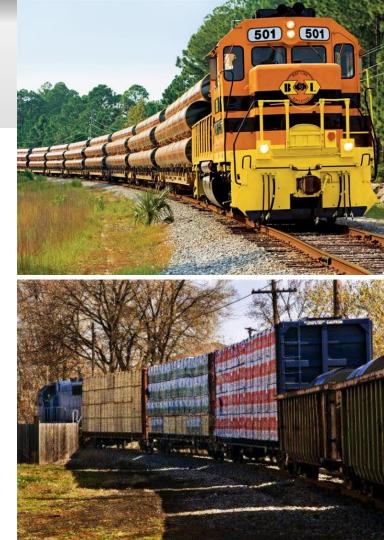
- World-class safety and service
- Market-based approach to ensure competitiveness
- Adaptability to both market and customer needs

### **2.** Grow Share with Existing Customers

- Create New Services
- Focus on Modal Conversion
- Technology enhancements

### **3. Attract New Customers**

- Simplify the process
- Demonstrate the value
- Customize solutions
- Out hustle the competition



## **Transforming the Customer Experience**

- Improve Customer Onboarding Process
- "White Glove" Service for Major Customers
- Better Interline Service Package with Class 1 Partners
- Launch End-to-End Visibility Platform and Upgrade Digital Interface with Customers

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calendar	trackin	g URL shipment	10/14 00:20	TRA-ID2 Depa	arts
	New Sh	ipment	10/15 20:00	Drop off at Terminal	

## **National Account Management**

- Selling Our Complete Portfolio
- Leveraging Our Franchise and Global Platform
- Building Senior Relationships
- Identifying New Markets
- Building Customized Supply Chain Solutions



## **Industrial Development**

### Leveraging G&W's Advantages

- World-class safety and service
- Optionality of service to 2 or more Class Is
- Ability to support major projects

### Simplifying the Process

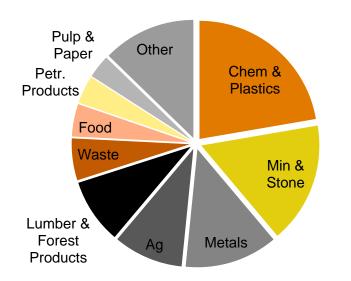
- Site database for development properties
- Strong relationships with state and local agencies
- Design support with conceptual design services, infrastructure review and incentive development

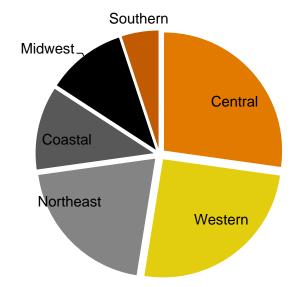




## **Industrial Development Pipeline**

Averaging over 150 active projects representing more than 50,000 carloads of new business opportunity
By Commodity
By Region





## **Transload Services**

### Extend Our Reach and Attract Non-Rail Served Freight by:

- Creating Additional Choice Terminals
- Marketing and Managing 3<sup>rd</sup> Party Terminals
- Forming Strategic Alliances
- Providing Bundled Services



### Transload Case Study (Pull Strategy)

#### Example:

The Atlantic & Western Railway (ATW) is an 11-mile short line freight railroad that interchanges with CSX and Norfolk Southern.

#### **Base Carloads:**

3M 2,000 Roofing Granules Onsite

#### **Brickhaven** Cumnock NS 14215 Colon **NORTH CAROLINA** ATW Sanford CSX 421 **Genesee & Wyoming Railroad** 501 ATW Atlantic and Western Bailway, Limited Partnership To Fort Bragg 03/2016 (87)

#### Immediate Opportunities (carloads):

Tyson	100	Flour, oils
Caterpillar	200	Skidders
M Marietta	2,000	Aggregates
Flakeboard	200	OSB
Motiva	1,000	Ethanol

1 mile 5 miles 7 miles 15 miles 25 miles

#### Long-Term Opportunities:

Duke Power Energy Terminal FlyAsh Disposal Ethanol, DEF, Biodiesel, Propane, Butane

## **Commercial Summary**

- Strong pillars for future growth
- Pricing remains "inflation plus"
- Tightening truck market should benefit several commodity segments
- Weather-dependent coal and agricultural products more variable
- Broader economic activity currently stable and long-term outlook is positive

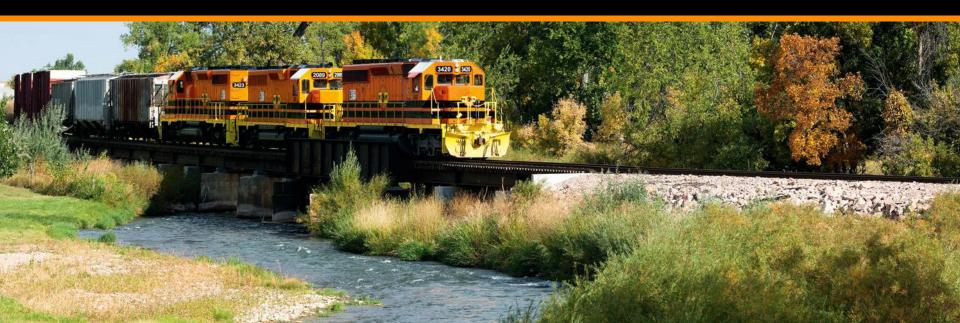
### G&W's Safety, Service and Short Line Independence Create a Competitive Advantage



### G&W Acquisition and Investment Strategy



Matt Walsh, EVP Global Corporate Development



## **G&W's Acquisition and Investment Strategy**

- 1. G&W's Acquisition History
- 2. Success Factors
- **3.** Focus is on Total Investment
- **4.** Future Opportunity by Market
- 5. Summary

## **Consistency and Patience**

### Always Present and Active in Existing Footprint with Eye on Potential New Markets

- Any one geography may not be "attractive" at a specific time
- "Bread and Butter" North American short lines likely remain most attractive place to invest

# Maintain Consistent Approach on Valuation and Diligence

- 1980 Staggers Act
- 1985 1996: Acquisitions U.S. only
- 1997 2000: Few U.S. deals due to high valuations. Entered Australia and Canada
- 2001 2004: G&W returned to U.S. market

### 2006 – 2007: Height of US credit bubble

- <u>Not Competitive in U.S.</u>: Private equity purchased RailAmerica and Florida East Coast with 7.0x leverage
- <u>A Seller in Australia</u>: G&W sold Western Australia JV to Australian infra fund and Queensland Rail (now Aurizon)
- 2008: Collapse of US credit bubble
  - <u>Private equity not competitive</u>: G&W purchased CAGY, OCR, GSWR, RRF

### 2010: Opportunistic Acquisition

- G&W purchased Freightlink out of bankruptcy with limited competition
- 2011: Market stable, no elevated financial interest in short lines (no higher leverage p/e)
  - G&W purchased AZER (with long-term customer contract)

### 2012: G&W acquires RailAmerica

- Close competition from large infrastructure fund – first real appearance of this investor class in U.S. short line space

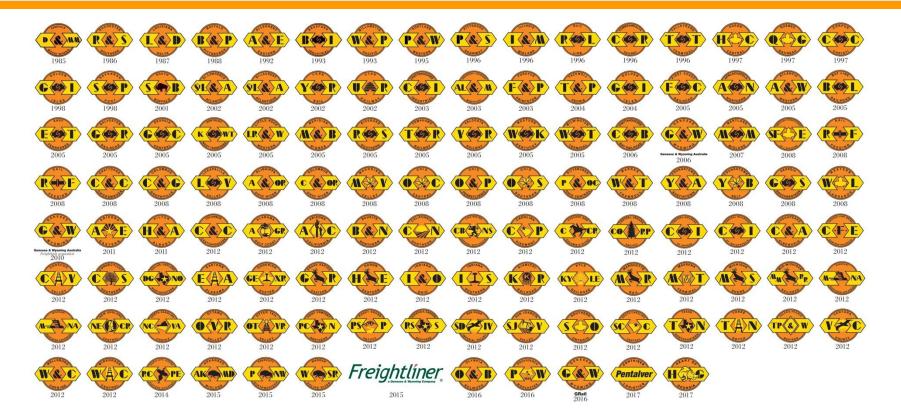
### 2014 – 2015: Financial bidders competitive G&W purchased:

- RCPE. G&W the right buyer; CP wanted to sell to a party who could successfully integrate and operate. Customers and State of South Dakota had similar concerns
- Freightliner. Competition from sovereign wealth fund and infrastructure bidders. G&W not high bid but most actionable bid and supported by management

### 2016: Financial bidders competitive

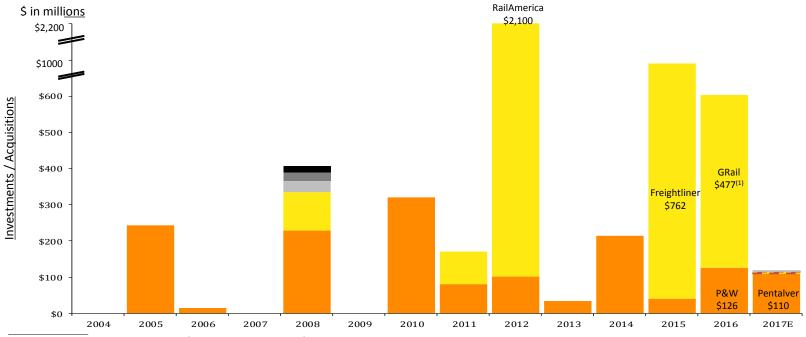
- G&W did not compete for Asciano in Australia too big, too much coal, non-U.S.
- GWA acquired GRail. G&W sold 49% of GWA at 11x to Macquarie Infrastructure and Real Assets (MIRA) to fund acquisition and diversify Australian operations with a long-term contract with existing customer
- G&W Acquired P&W. Contiguous to G&W operations with material cost savings and visible new revenue

### G&W's Growth Includes More Than 100 Acquisitions Over the Past 15 Years



### Average of >\$400mn in Acquisitions and Investments Annually

Over Both the Last 5 (post RailAmerica) and 12 Years



(1) Represents total G&W consideration for GRail (\$407mm of equity contributed and \$70mm of additional cash contribution).

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## Why we are successful

### 1.Cost saves:

- Operations, equipment, administrative overhead, purchasing
- Tax benefits (NOLs, asset deal)

### **2.** Reputation:

- Seller focus on business going to a "good" owner
- Customer seller requiring solid rail service post sale
- Class I need for seamless execution
- Government support often critical

## Why we are successful

**3.** Class I leases: structured with strategic operators

4. International opportunities: limited number of independent international freight rail operators

**5.** Equity partners: continuous dialogue with global funds

### Strategy Targets <u>Total</u> Capital Investment No Distinction Between Acquisition and Organic Investment

Category Investment Type Examples

#### Existing Operations

Equipment, infrastructure upgrade, real estate to grow existing operations

- US: Track upgrades; new equipment
- Canada: Wagon investments
- UK: Loco shop; port terminal expansion
- Australia: Coal wagons

#### Strategy Targets <u>Total</u> Capital Investment No Distinction Between Acquisition and Organic Investment

Category Investment Type Examples

New Contract Opportunities Specific contract related investment: new operation, more likely to be outside the US

- Canada: New iron ore mine (e.g., Tata Steel)
- Australia: Open access contracts
- UK: Equipment investment for new operations (e.g., HS2)

# **Strategy Targets <u>Total</u>** Capital Investment

No Distinction Between Acquisition and Organic Investment



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# Size of U.S. & Canada Short Line Market

US Short Line Universe	Class II & III <sup>(a)</sup>	G&W US	% G&W	
Number of Railroads	603	107	18%	
Track Miles	47,500	10,661	22%	
Employees	18,000	3,860	21%	
Revenues (\$bn)	\$4.6	\$1.3	28%	

Canada Short Line Universe	Class II & III <sup>(b)</sup>	G&W Canada	% G&W
Number of Railroads	50	8	16%
Revenues (C\$)	650	140	22%
Employees	3,000	509	17%

(a) Estimate from ASLRRA; (b) Financial Post, July 13, 2013, citing a 2010 Railway Assoc. of Canada Study

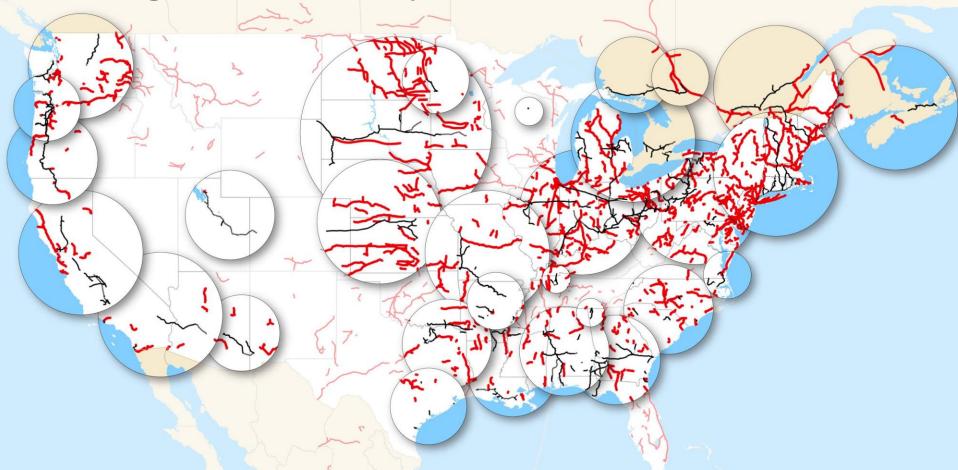
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#### **Who Owns Short Lines**

#### 1. Individuals

- 2. Holding companies
- 3. Private equity
- 4. Class Is and Class I Joint Facilities
- 5. Government entities: port authorities, states, municipalities
- 6. Industrial owners (energy, steel, agriculture, minerals, forest products, etc.)

#### **Contiguous & Nearby Short Lines**



### **Future Opportunities: International**

- Australia<sup>(a)</sup>: ~10 railways, ~50% of all freight moved by rail<sup>(b)</sup>
  - Opportunities mostly infrastructure and equipment investment
- **UK:** 9% of freight moved by rail (2015)
  - Maritime container total market share ~20%; Bulk freight market share ~25%<sup>(c)</sup>

#### Continental Europe:

- State-owned incumbents dominate; focus on niche and / or contracted opportunities

(a) Australasian Railway Association 2017 – 2019 Strategic Plan; (b) 2017 Aurizon Annual Report; 2016 Asciano Annual Report; (c) Company estimates; UK Dept, of Transport

### Future Opportunities: Rail Related/Adjacent

(All Geographies)

- Rail and container storage yards (including related services)
- Port terminals with rail component
- Transload facilities
- Rail ferry
- Provision of freight rail management (e.g., Saudi)

### Acquisitions Typically Lead to Further Investment

#### Arizona Eastern: <u>Under-capitalized former owner</u>

 G&W committed to significant track upgrade and service levels underpinned by long-term customer contract

#### **RCPE:** <u>670-mile branch line off Class I network</u>

- Post-acquisition capex for sidings, cars and loco lease buy-out generated significant incremental earnings

# **Freightliner Investment Case Study**



All while managing thru adversity (coal, shipping, ERS):Restructuring, Roots Reset

# Summary

- Historic investment levels average ~\$400mn annually
- 2. As we get bigger, investment universe increases across entire geographic footprint
- 3. Growth target requires consistent small and medium size acquisitions and investment
  - Large deals emerge every couple of years

### Summary

- 4. Acquisitions typically lead to more organic investment opportunities
- 5. Unique ability to diligence, execute, integrate and generate cost saves and further opportunity
- 6. Success dependent on our reputation and people





### **G&W Long-Term Outlook**

#### Timothy J. Gallagher, Chief Financial Officer



### Introduction

- Recently completed new 5-year strategic plan (October 2017)
  - Bottom-up Process
  - Revenues By Customer, By Railroad, By Region
  - Long term capital requirements
- Short Line Tax Credit renewal and/or tax reform are upside

# Long-Term EPS Growth of 15% to 20%

Segment	Same Railroad Revenue Growth	Same Railroad 2021 Operating Ratio
North America	4% – 5%	Low 70s
Australia	5% – 15%	Mid-High 60s
UK/Europe	5% – 10%	Low 90s
Consolidated	5% – 10%	High 70s

 Average M&A + New Investments of approximately \$300 million per year at pro-forma 7.5x EBITDA

# **Superior Free Cash Flow Generation**

- Superior Free Cash Flow Conversion averages 140% of Book Income
- Two Drivers of Strong FCF Conversion
  - Annual Sustaining Capex is Less than D&A
  - Favorable Tax Attributes (Cash Taxes less than Book Taxes)
- Sustaining Capital: \$200 million \$210 million
  - North America: ~\$160 million \$165 million
  - Australia: ~\$20 million
  - UK/Europe: ~\$20 million \$25 million
- D&A ~\$250 million
  - Depreciation ~\$200 million
  - Amortization ~\$50 million

### G&W Strategic Plan M&A + New Investments

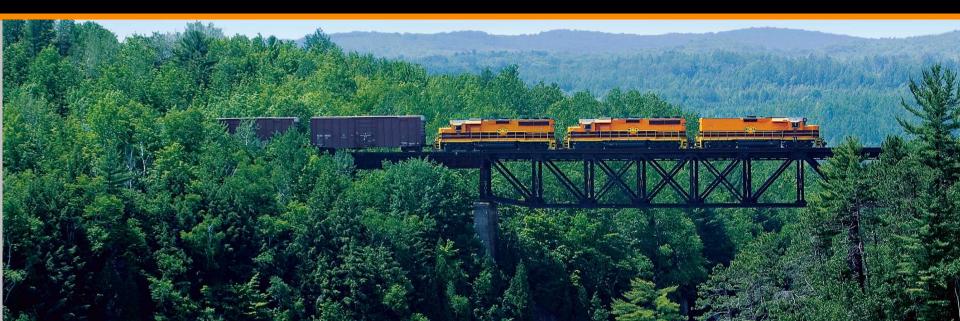
#### Growth Requires Modest M&A and New Investment

- "Mega-Deals" not included (but typically see one every two years)
- Historic "Sweet Spot" \$100 million \$200 million in North America
- Significant Opportunities in All Geographies
  - North America Shortline M&A
  - New Rolling Stock Investments (e.g., Australia)
  - Rail Related Real Estate and Terminals (e.g., U.K.)
  - Asset Light Investments in Other New Markets (typically customer partnership)





#### Summary Jack Hellmann, Chairman and CEO



### **Key Takeways from Investor Day**

- Unique Global Rail Platform
- Proven Management Team
- Target 15% 20% EPS Growth
- Superior Free Cash Flow



### **Reconciliation of Non-GAAP Financial Measures**

#### **Non-GAAP Financial Measures**

This presentation contains references to Free Cash Flow and Free Cash Flow Before New Business Investments, which are "non-GAAP financial measures" as this term is defined in Item 10(e) of Regulation S-K under the Securities Act of 1933 and the Securities Exchange Act of 1934 and Regulation G under the Securities Exchange Act of 1934. In accordance with these rules, G&W has reconciled these non-GAAP financial measures to their most directly comparable U.S. GAAP measures.

Management views these non-GAAP financial measures as important measures of G&W's operating performance or, in the case of Free Cash Flow, an important financial measure of how well G&W is managing its assets and a useful indicator of cash flow that may be available for discretionary use by G&W. Management also views these non-GAAP financial measures as a way to assess comparability between periods. Key limitations of the Free Cash Flow measure include the assumptions that G&W will be able to refinance its existing debt when it matures and meet other cash flow obligations from financing activities, such as principal payments on debt.

These non-GAAP financial measures are not intended to represent, and should not be considered more meaningful than, or as an alternative to, their most directly comparable GAAP measures. These non-GAAP financial measures may be different from similarly-titled non-GAAP financial measures used by other companies.

The following tables set forth reconciliations of each of these non-GAAP financial measures to their most directly comparable GAAP measure (in millions).

# Free Cash Flow and Free Cash Flow Before New Business Investments

	2	2007	2	2008	2009	ć	2010	2	2011	2012
Net cash provided by operating										
activities	\$	35	\$	129	\$ 127	\$	172	\$	174	\$ 171
Net cash used in investing activities		(70)		(414)	(54)		(389)		(235)	(2,102)
Net cash paid for										
acquisitions/divestitures		115		353	 2		335	_	101	1,964
Free cash flow	\$	80	\$	68	\$ 75	\$	118	\$	40	\$ 33
New business investments		-		-	 -	_	-		78	102
Free cash flow before new business					 					
investments	\$	80	\$	68	\$ 75	\$	118	\$	118	\$ 135

	2	013	2014		2015		2016		20	017 E	
Net cash provided by operating											
activities	\$	414	\$	492	\$	475	\$	407	\$	499	
Net cash used in investing activities		(209)		(510)		(1,074)		(1,135)		(341)	
Net cash paid for											
acquisitions/divestitures		13		221		792		987		113	
Free cash flow	\$	218	\$	203	\$	193	\$	259	\$	271	
New business investments		34		93		66		25		14	
Free cash flow before new business											
investments	\$	252	\$	296	\$	259	\$	284	\$	285	
Distributions to noncontrolling interest										(28)	
Free cash flow attributable to G&W									\$	257	

