Third Quarter Earnings Conference Call

November 17, 2009

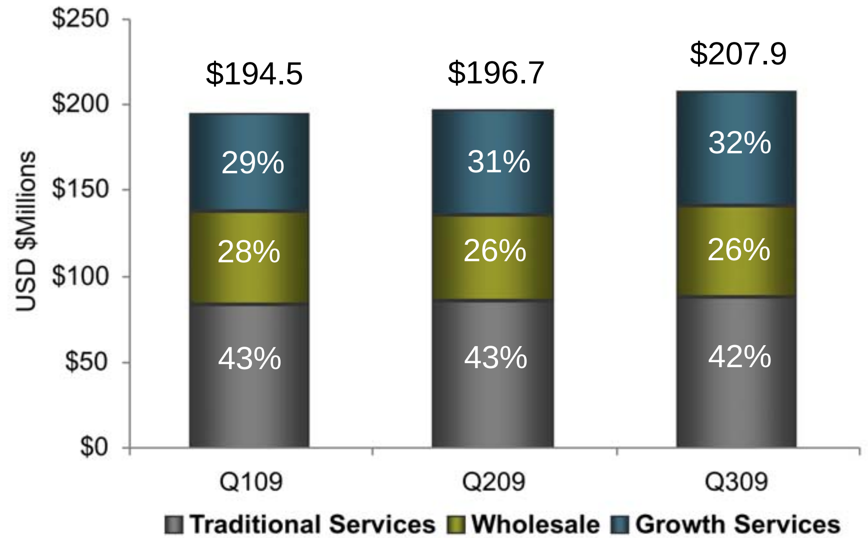
Safe Harbor

This presentation and related oral statements and communications contain “forward looking statements” within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. Such statements are based on current expectations, and are not strictly historical statements. In some cases, you can identify forward-looking statements by terminology such as "if," "may," "should," "believe," "anticipate," "future," "forward," "potential," "estimate," "reinstate," "opportunity," "goal," "objective," "exchange," "growth," "outcome," "could," "expect," "intend," "plan," "strategy," "provide," "commitment," "result," "seek," "pursue," "ongoing," "include" or the negative of such terms or comparable terminology. These forward-looking statements inherently involve certain risks and uncertainties, although they are based on our current plans or assessments which are believed to be reasonable as of the date of this presentation. Factors and risks that could cause actual results or circumstances to differ materially from those set forth or contemplated in forward-looking statements include, without limitation: (i) the ability to service substantial indebtedness; (ii) customer, vendor, carrier and third-party responses to our emergence from reorganization; and (iii) the risk factors or uncertainties listed from time to time in our filings with the Securities and Exchange Commission (including those listed under captions "MD&A -- Liquidity and Capital Resources -- Short- and Long-Term Liquidity Considerations and Risks;" "Special Note Regarding Forward-Looking Statements;" and "Risk Factors" in our annual report on Form 10-K and quarterly reports on Form 10-Q) which cover matters and risks including but not limited to (a) a continuation or worsening of global recessionary economic conditions, including the effects of such conditions on our customers and our accounts receivables and revenues; (b) the general fluctuations in the exchange rates of currencies, particularly any strengthening of the United States dollar relative to foreign currencies of the countries where we conduct our foreign operations; (c) the possible inability to raise additional capital or refinance indebtedness when needed, or at all, whether due to adverse credit market conditions, our credit profile or otherwise; (d) a continuation or worsening of turbulent financial and capital market conditions; (e) fluctuations in prevailing trade credit terms due to past Chapter 11 filings or uncertainties concerning our financial position, or otherwise; (f) adverse regulatory rulings or changes in the regulatory schemes or requirements and regulatory enforcement in the markets in which we operate and uncertainty regarding the nature and degree of regulation relating to certain services; and (g) successful implementation of cost reduction efforts. As such, actual results or circumstances may vary materially from such forward-looking statements or expectations. Readers are also cautioned not to place undue reliance on these forward-looking statements which speak only as of the date these statements were made. We are not necessarily obligated to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

Q309 Highlights

- Strong Financial Performance
  - Revenue of $207.9 million
  - Adjusted EBITDA(1) of $21.0 million
  - Free Cash Flow(1) of $9.1 million
- Growth Services as percent of net revenue improved
- Rate of quarterly retail revenue decline, exclusive of currency, slowed
- $10 million cost reduction plan on target
- Solid Free Cash Flow generation
- Quarter end cash balance of $42 million

2009 Revenue Mix By Quarter



Notes:
- Growth Services includes on-net local, broadband internet, data, data center, wireless, retail VoIP
- Traditional Services includes retail voice, off-net local, dial-up internet and prepaid cards
- Wholesale includes wholesale voice services

(1) A non-GAAP financial measure. Definitions and reconciliations between non-GAAP measures and relevant GAAP measures are available in the Appendix and in the Company's periodic SEC filings.

Australia Overview

($Millions)

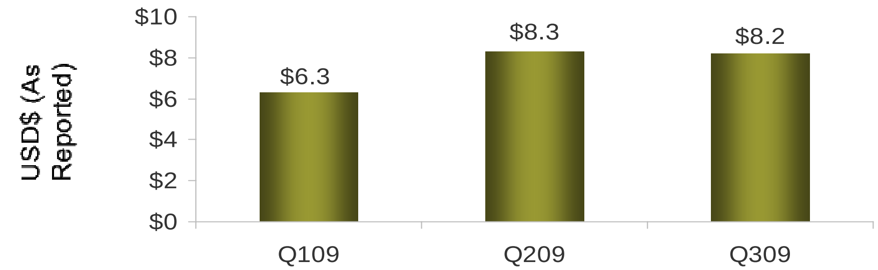
- **Q309 Highlights**
  - Rate of revenue decline from Traditional Services slowed sequentially
  - Growth Services revenue improved
  - Completed a consumer marketing campaign for launch in Q409
  - More than 15% increase in the new prospect pipeline for “strategic accounts”
  - Upgraded Melbourne data center to accommodate customers with high-power density cabinet requirements

- **Q409 Priorities**
  - Negotiate lower cost of sales to benefit 2010 performance
  - Improve rate of monthly customer gross additions in the consumer segment through increased marketing and improved efficiency
  - Continue to build the “strategic accounts” team in business sales

Net Revenue

(AUS$)	$78.4	$77.2	$76.5
Sequential Change	(5.4)%	(1.5)%	(0.9)%

Adjusted EBITDA (1)



(AUS$)	$9.6	$10.9	$9.8
Sequential Change	36.2%	13.6%	(9.6)%
% of Revenue	12.2%	14.1%	12.8%

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Canada Overview

($Millions)

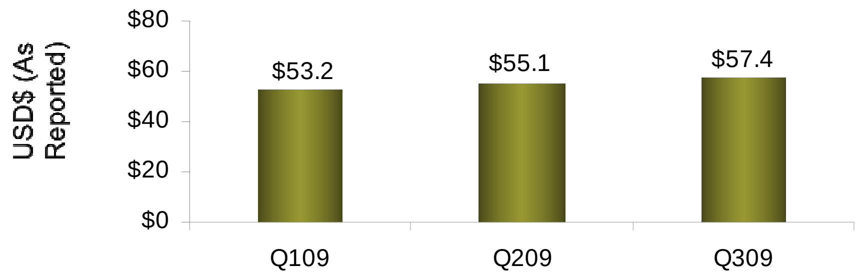
Q309 Highlights

- Continued slowing of revenue decline from Traditional Services coupled with increase in Growth Services revenue
- Rated #1 in satisfaction, best 'value for money' for Home Phone Service [(1)]
- Strong quarter of consumer order input year-to-date
- Business sales force restored to pre-restructuring size of 60 people
- Executed expanded MVNO agreement with Rogers Communications, Inc.

Q409 Priorities

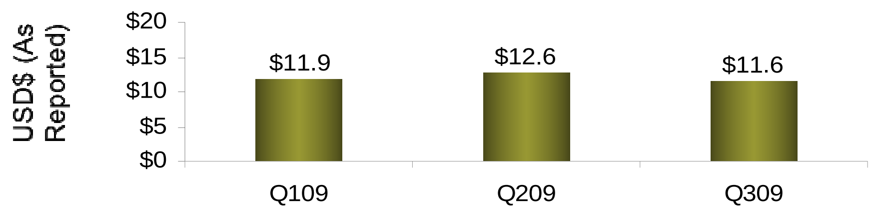
- Accelerate sales of consumer Growth Services and commercial data center services
- Complete call center technology upgrade to improve efficiency and customer experience
- Complete the remaining actions related to cost of sales reductions

Net Revenue



(CAD$)	$66.2	$64.4	$63.1
Sequential Change	(3.1)%	(2.8)%	(2.0)%

Adjusted EBITDA [(2)]



(CAD$)	$14.7	$14.8	$12.8
Sequential Change	7.9%	0.1%	(13.2)%
% of Revenue	22.3%	22.9%	20.3%

(1) Air Miles rewards miles member survey.

(2) A non-GAAP financial measure. Definitions and reconciliations between non-GAAP measures and relevant GAAP measures are available in the Appendix and in the Company's periodic SEC filings.

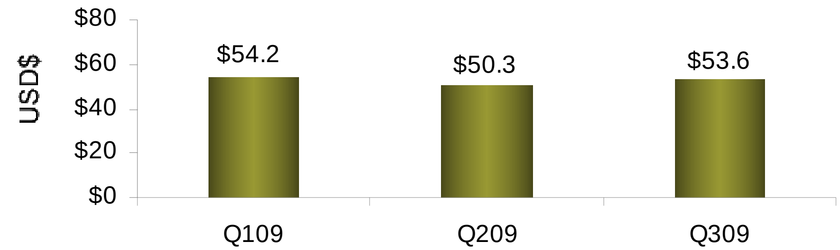
Wholesale Overview

($Millions)

- **Q309 Highlights**
  - Strong revenue growth due to continued expansion of routing capabilities including domestic termination

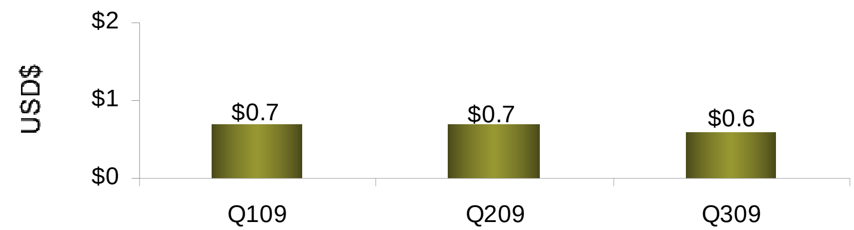
- **Q409 Objectives**
  - Increase sales focus on penetrating large cable company and wireless carrier accounts
  - Increase percentage of higher-margin US domestic traffic termination in overall traffic mix
  - Begin development of higher margin services for mobile, cable and VOIP providers, including: SMS/MMS gateways, colocation services, enhanced call routing, and outsourced support services

Net Revenue



Sequential Change	3.2%	(7.2)%	6.5%

Adjusted EBITDA (1)



Sequential Change	106.5%	(2.3)%	(17.9)%
% of Revenue	1.3%	1.4%	1.1%

(1) A non-GAAP financial measure. Definitions and reconciliations between non-GAAP measures and relevant GAAP measures are available in the Appendix and in the Company's periodic SEC filings.

Other Primus Businesses Overview

(Millions)

	US (USD)	Europe (Euro)	Brazil (BRR)	Corporate (USD)
Net Revenue – Q309	$15.9	€9.4	R 7.7	-
% Net Revenue Growth vs. Q209	(6.2%)	(2.2%)	23.5%	-
Adjusted EBITDA (1) – Q309	$2.4	€(0.1)	R 0.4	($2.0)
% of Revenue	15.2%	0%	5.5%	NM

- **US**
  - Offered new international calling rate plans for retail VOIP (Lingo) customers
  - Launched branch office focused on hosted IP-PBX services to business customers – a high margin/low churn business
- **Europe**
  - Reduce cost of sales to improve margins and profitability
  - Increase focus on sale of high margin hosted IP-PBX services to business customers
  - Focus on consumer voice markets offering rapid payback
- **Brazil**
  - Leverage available data center capacity to drive increased sales and profits
  - Manage VOIP business for higher margins and cash flow

Managing for cash flow optimization

(1) A non-GAAP financial measure. Definitions and reconciliations between non-GAAP measures and relevant GAAP measures are available in the Appendix and in the Company's periodic SEC filings.

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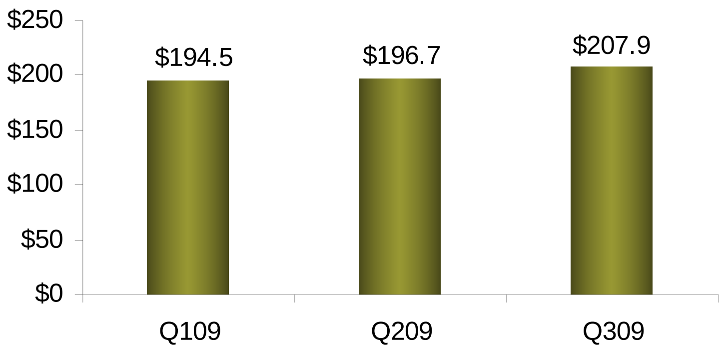
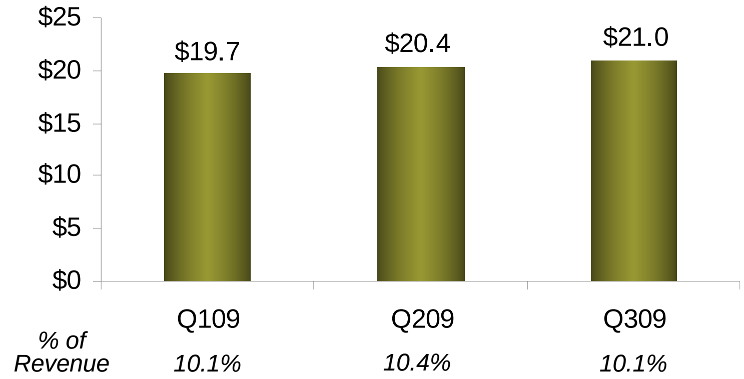
Financial Summary

(US$ Millions)

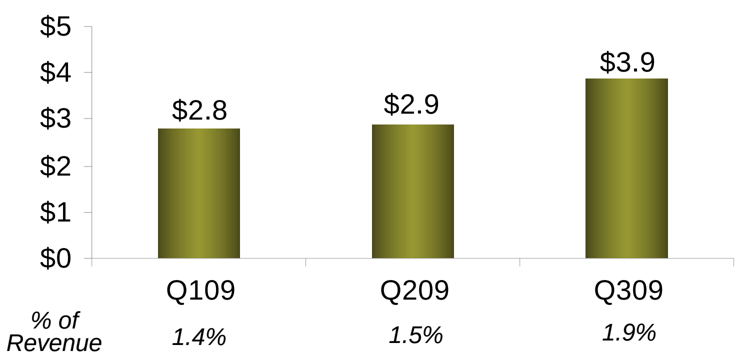
Revenue



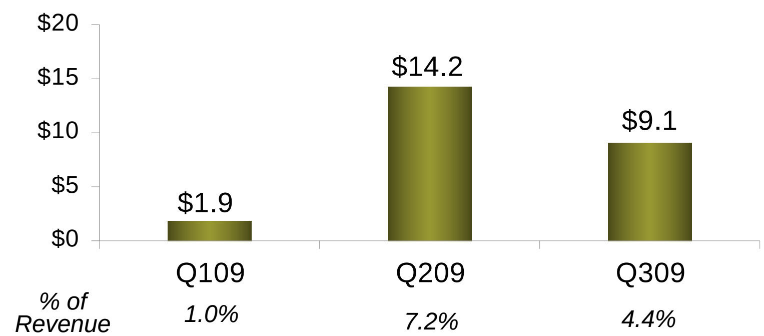
Adjusted EBITDA (1)



Capital Expenditures



Free Cash Flow (1)



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Free Cash Flow[1]

(US$ Millions)

- Well-positioned, post-reorganization, to generate positive Free Cash Flow
- Quarterly variance due to timing of semi-annual Second Lien Note interest payments

Annual FCF Illustration		
	High	**Low**
Cash interest	$(31.0)	$(31.0)
Capital expenditures	$(15.0)	$(20.0)
Cash taxes	$(2.0)	$(3.0)
Working capital	–	–
	$(48.0)	$(54.0)
LTM Adjusted EBITDA[1]	$76.1	$76.1
Free Cash Flow	$28.1	$22.1

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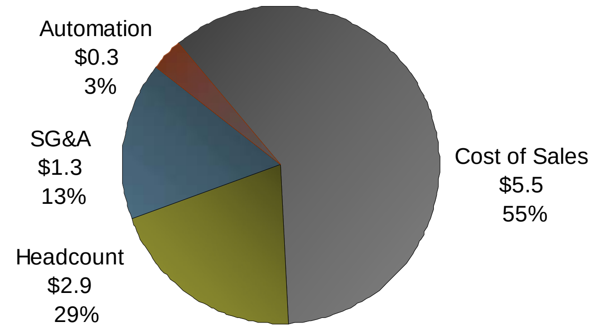
Progress of Cost Reduction Initiative

- **Ongoing initiative to reduce annual costs by $10 million**
  - Approximately 65% of actions complete
    - Executed contract with certain COS vendors in Canada, effective 10/1/09
    - All US and Europe headcount reductions implemented by 10/31/09
    - Other COS and SG&A efforts either complete or well underway
- **Implementation to be substantially completed by year-end 2009; benefit expected starting Q1 2010**

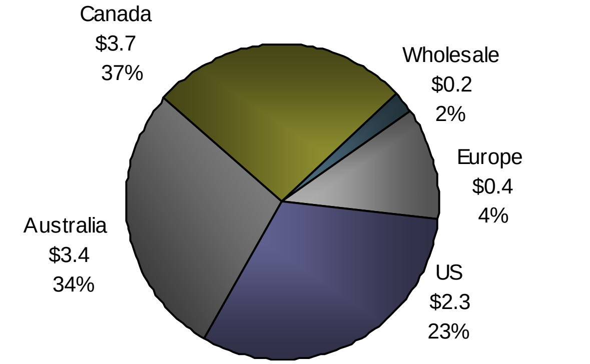
Targeted Savings by Type of Expense

(US$ Millions)



Targeted Savings by Business Unit

(US$ Millions)



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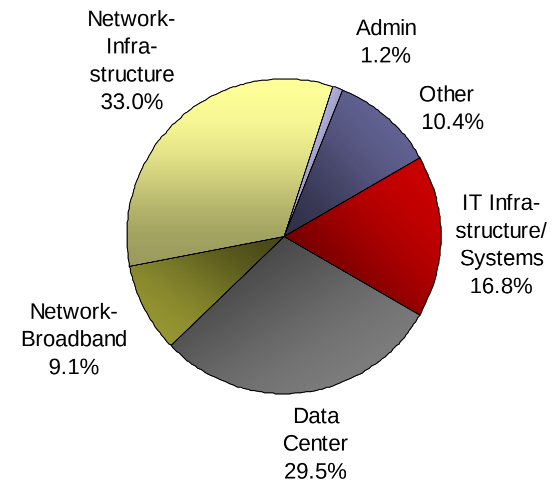
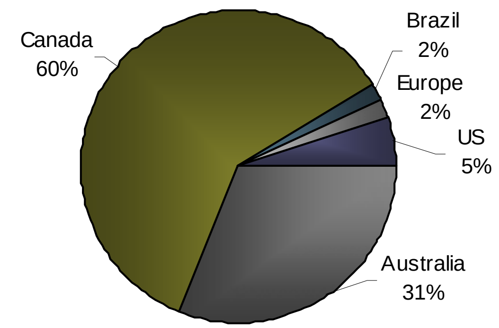
Capital Expenditures

- **Strategy emphasizes investment in primary markets (Australia and Canada) where returns and value creation are greatest**
  - More than 90% of YTD $9.4 million CapEx is devoted to expanding Growth Services in Canada and Australia
- **Capital expenditure priorities for Q409 – Success based CapEx for customer growth**
  - Data center expansions
  - Broadband infrastructure
  - IP-PBX services
  - System enhancements for productivity improvement

Q3 % Allocation by Service



Q3 % Allocation by Region



Foreign Currency Effects

Average Exchange Rate to US$

	Q109	Q209	Q309	As of 11/13/09
AUD $	0.663	0.758	0.832	0.933
CAN $	0.804	0.856	0.910	0.952
UK £	1.435	1.546	1.641	1.667
European €	1.304	1.360	1.429	1.491

- More than 80% of revenue generated outside US
- Natural in-country currency hedge
  - Revenue and costs are largely denominated in each country's local currency
- Cash impact of currency movements limited to cash moved from foreign units to the US
  - Required cash movements greatly reduced post-reorganization due to lower US interest expense

Fresh Start Accounting

(US$ Millions)

- No effect on revenue, Adjusted EBITDA[(1)] or Free Cash Flow [(1)]
- Revalue all assets and liabilities
- Write-up in value of fixed assets, trademarks, customer lists and goodwill
  - Substantially higher depreciation and amortization expense
- No adjustments to remaining assets and liabilities

Selected Financial Items		
	September 30, 2009	**June 30, 2009**
Property and equipment, net	$152.0	$117.8
Depreciation and amortization	$20.0	$6.3
Other intangible assets, net	$187.6	$0.5
Goodwill	$61.1	$35.3
Deferred income tax liability	$58.9	$0.0
Debt obligations	$252.6	$583.9
Stockholders' equity/(deficit)	$93.3	$(426.3)

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Strategy and Objectives

Strategic

- **Drive profitable growth**
  - Focus on high-growth, high-margin businesses including broadband, VoIP, hosting, on-net local lines, local and wireless MVNO in primary markets of Australia and Canada
- **Continue cost rationalization**
  - Complete implementation of $10 million cost reduction initiative by year-end 2009
  - Disciplined capital investments
- **Ongoing portfolio assessment**
  - Optimize cash generation from non-primary businesses/markets

Financial

- **Assess opportunities to address 2011 debt maturities, improve balance sheet and enhance liquidity**
- **Continue trend of past three quarters stable Adjusted EBITDA[1], allowing for modest quarterly variation from currency, seasonality and increases in marketing expenditures**
- **Direct capital expenditures to Growth Services in primary markets**
- **Maintain focus on Free Cash Flow [1] generation**

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Appendix

Non-GAAP Measures

(US$ in thousands)	Q309	Q209	Q109
NET INCOME (LOSS) ATTRIBUTABLE TO PRIMUS TELECOMMUNICATIONS GROUP, INCORPORATED	$ (16,717)	$ 25,366	$ 13,991
Reorganization items, net	307	8,271	(16,568)
Share-based compensation expense	308	11	16
Depreciation and amortization	20,029	6,250	6,096
(Gain) loss on sale or disposal of assets	83	16	(59)
Interest expense	8,763	3,359	10,776
Accretion on debt premium, net	-	-	(189)
Gain on early extinguishment or restructuring of debt	-	-	-
Interest and other income (expense)	(163)	(161)	(235)
Loss from Contingent Value Rights valuation	4,229	-	-
Foreign currency transaction (gain) loss	4,448	(24,170)	3,049
Income tax (benefit) expense	(349)	1,110	2,797
Minority interest income (expense)	(8)	104	(136)
Loss from discontinued operations, net of tax	-	283	393
Loss from sale of discontinued operations, net of tax	110	-	(251)
ADJUSTED EBITDA	$ 21,040	$ 20,439	$ 19,680
NET CASH PROVIDED BY OPERATING ACTIVITIES BEFORE REORGANIZATION ITEMS	$ 12,992	$ 17,097	$ 4,643
Net cash used in purchase of property and equipment	(3,886)	(2,874)	(2,786)
FREE CASH FLOW	$ 9,106	$ 14,223	$ 1,857

Adjusted EBITDA

Adjusted EBITDA, as defined by us, consists of net income (loss) before reorganization items, net, interest, taxes, depreciation, amortization, share-based compensation expense, gain (loss) on sale of assets, gain (loss) on disposal of assets, asset impairment expense, gain (loss) on early extinguishment or restructuring of debt, foreign currency transaction gain (loss), minority interest income (expense), extraordinary items, other income (expense), income (loss) from discontinued operations, accretion on debt premium and income (loss) from sale of discontinued operations. Our definition of Adjusted EBITDA may not be similar to Adjusted EBITDA measures presented by other companies, is not a measurement under generally accepted accounting principles in the United States, and should be considered in addition to, but not as a substitute for, the information contained in our statements of operations.

We believe Adjusted EBITDA is an important performance measurement for our investors because it gives them a metric to analyze our results, exclusive of reorganization and restructuring items, certain non-cash items and items which do not directly correlate to our business of selling and provisioning telecommunications services. We believe Adjusted EBITDA provides further insight into our current performance and period to period performance on a qualitative basis and is a measure that we use to evaluate our results and performance of our management team.

Free Cash Flow

Free Cash Flow, as defined by us, consists of net cash provided by (used in) operating activities before reorganization items less net cash used in the purchase of property and equipment. Free Cash Flow, as defined above, may not be similar to Free Cash Flow measures presented by other companies, is not a measurement under generally accepted accounting principles in the United States, and should be considered in addition to, but not as a substitute for, the information contained in our consolidated statements of cash flows.

We believe Free Cash Flow provides a measure of our ability, after making our capital expenditures and other investments in our infrastructure, to meet scheduled debt payments. We use Free Cash Flow to monitor the impact of our operations on our cash reserves and our ability to generate sufficient cash flow to fund our scheduled debt maturities and other financing activities, including discretionary refinancings and retirements of debt. Because Free Cash Flow represents the amount of cash generated or used in operating activities and used in the purchase of property and equipment before deductions for scheduled debt maturities and other fixed obligations (such as capital leases, vendor financing and other long-term obligations), you should not use it as a measure of the amount of cash available for discretionary expenditures.