UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No. 5)*

Targa Resources Corp.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

87612G101

(CUSIP Number)

November 6, 2012

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

[] Rule 13d-1(b)
[] Rule 13d-1(c)
[X] Rule 13d-1(d)

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP N	CUSIP No. <u>87612G101</u>				13G		Page 2 of 16 Page	ages		
	I									
1	_	_	RTING PERSON							
	Warburg P	incus P	rivate Equity VIII, L.P.							
2	CHECK TH	HE APP	ROPRIATE BOX IF A ME	MBER OF A GRO	DUP*					
								(a)	О	
								(b)	X	
3	SEC USE	ONLY								
4	CITIZENS	HIP OR	PLACE OF ORGANIZAT	ION						
-	Delaware									
	Delaware									
		5	SOLE VOTING POWE	R						
			0 shares of Common S	tock						
			o shares of common c	tock						
_	BER OF	6	SHARED VOTING PO	WER(1)						
_	ARES FICIALLY		3,035,724 shares of Co	ommon Stock						
	NED BY		3,033,724 Shares of Co	Jillion Stock						
	ACH	7	SOLE DISPOSITIVE P	OWER						
	ORTING RSON	•	0 shares of Common S	tock						
	WITH			IUCK						
	8 SHARED DISPOSITIV		SHARED DISPOSITIV	E POWER (1)						
			3,035,724 shares of Co	ommon Stock						
			3,033,724 Shales of Co	Jillilon Stock						
9	AGGREGA	ATE AM	OUNT BENEFICIALLY C	WNED BY EACH	REPORTING PER	RSON(1)				
	2 025 724	charoc	of Common Stock							
	3,035,724	siiaies	OI COITHIUH SLUCK							
	İ									

^{*}The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*
	N/A
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9(2)
	7.1%
12	TYPE OF REPORTING PERSON*
	PN

- (1) The reporting person expressly disclaims beneficial ownership with respect to any shares of common stock other than common stock owned of record by such reporting person.
- (2) Based upon a total of 42,492,913 shares of Common Stock issued and outstanding as of October 29, 2012, as set forth in the Issuer's Quarterly Report on Form 10-Q for the fiscal quarter ended on September 30, 2012, filed with the Securities and Exchange Commission on November 1, 2012.

CUSIP N	o. <u>87612G1</u>	<u>01</u>		13G	Page 3 of 16 Pages		
1			RTING PERSON rivate Equity IX, L.P.				
2	CHECK TH	IE APP	ROPRIATE BOX IF A M	EMBER OF A GROUP*		(a) (b)	0 X
3	SEC USE (ONLY					
4	CITIZENSI Delaware	HIP OR	PLACE OF ORGANIZA	TION			
		5	SOLE VOTING POWE 0 shares of Common S				
SH/ BENEF	BER OF ARES FICIALLY IED BY	6	SHARED VOTING PC 1,672,580 shares of C	ommon Stock			
REPO PER	ACH DRTING RSON /ITH	7	SOLE DISPOSITIVE I	Stock			
		8	SHARED DISPOSITIVE 1,672,580 shares of C	ommon Stock			
9			OUNT BENEFICIALLY (OWNED BY EACH REPORTING PERSON(1)			
10	CHECK BOX IF THE AGGREGATE AMOUNA			JNT IN ROW (9) EXCLUDES CERTAIN SHARES	*		
11	PERCENT 3.9%	OF CL	ASS REPRESENTED B	Y AMOUNT IN ROW 9(2)			
12	TYPE OF F	REPOR	TING PERSON*				

- (1) The reporting person expressly disclaims beneficial ownership with respect to any shares of common stock other than common stock owned of record by such reporting person.
- (2) Based upon a total of 42,492,913 shares of Common Stock issued and outstanding as of October 29, 2012, as set forth in the Issuer's Quarterly Report on Form 10-Q for the fiscal quarter ended on September 30, 2012, filed with the Securities and Exchange Commission on November 1, 2012.

CUSIP	No. <u>87612G1</u>	L01		13G	Page 4 of 1	Page 4 of 16 Pages			
1	NAME OF Warburg F		RTING PERSON X LLC						
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) 0 (b) x								
3	SEC USE	ONLY				(2)	A		
4	CITIZENS	HIP OF	R PLACE OF ORGANIZA	ATION					
•	New York								
		5	SOLE VOTING POW	ER					
			0 shares of Common	Stock					
	MBER OF	6	SHARED VOTING PO	OWER(1)					
BEN	SHARES SEFICIALLY		1,672,580 shares of 0	Common Stock					
	VNED BY EACH	7	SOLE DISPOSITIVE	POWER					
Р	PORTING	-	0 shares of Common	Stock					
	WITH	8	SHARED DISPOSITI	VE POWER (1)					
			1,672,580 shares of 0	Common Stock					
9	AGGREG	ATE AN	 MOUNT BENEFICIALLY	OWNED BY EACH REPORTING PERSON	(1)				
1	1,672,580	shares	of Common Stock						
10	CHECK B	OX IF	THE AGGREGATE AMO	UNT IN ROW (9) EXCLUDES CERTAIN SH	IARES*				
	N/A								
11	PERCENT	Γ OF C	LASS REPRESENTED E	BY AMOUNT IN ROW 9(2)					
	3.9%								
12	TYPE OF REPORTING PERSON*								
	00								
person. (2) Based	d upon a total c	of 42,492	2,913 shares of Common S	mership with respect to any shares of common stock issued and outstanding as of October 29, 20 Securities and Exchange Commission on Noven	12, as set forth in the Iss				
CUSIP	No. <u>87612G1</u>	.01		13G	Page 5 of 1	L6 Pages			
1			RTING PERSON Partners LLC						
				MEMBER OF A GROUP*					
2	CHECK	HE AFI	FROFRIATE BOX IF A II	TEMBER OF A GROUP		(a) (b)	0 x		
3	SEC USE	ONLY							
4	CITIZENS	HIP OF	R PLACE OF ORGANIZA	ATION					
•	New York								
	MBER OF	5	SOLE VOTING POW	ER					
BEN	HARES EFICIALLY		0 shares of Common	Stock					
	VNED BY EACH	6	SHARED VOTING PO	OWER(1)					
	PORTING	O		• •					

	PERSON WITH		4,708,304 shares of Common Stock		
		7	SOLE DISPOSITIVE POWER		
			0 shares of Common Stock		
		8	SHARED DISPOSITIVE POWER (1)		
			4,708,304 shares of Common Stock		
9	AGGREGA	TE AMO	OUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON(1)		
	4,708,304 shares of Common Stock				
10	CHECK BC	X IF TH	HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*		
	N/A				
11	PERCENT	OF CLA	ASS REPRESENTED BY AMOUNT IN ROW 9(2)		
	11.1%				
12	TYPE OF F	REPOR	TING PERSON*		
	00				

- (1) The reporting person expressly disclaims beneficial ownership with respect to any shares of common stock other than common stock owned of record by such reporting person
- (2) Based upon a total of 42,492,913 shares of Common Stock issued and outstanding as of October 29, 2012, as set forth in the Issuer's Quarterly Report on Form 10-Q for the fiscal quarter ended on September 30, 2012, filed with the Securities and Exchange Commission on November 1, 2012.

CUSIP	No. <u>87612G1</u>	.01		13G	Page 6 of 16 Pages			
1	NAME OF REPORTING PERSON Warburg Pincus & Co.							
2	CHECK T	HE AP	PROPRIATE BOX IF A MEMBER	R OF A GROUP*	(a) o			
3	SEC USE	ONLY			(b) x			
4	CITIZENS New York		R PLACE OF ORGANIZATION					
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		5 6 7 8	SOLE VOTING POWER 0 shares of Common Stock SHARED VOTING POWER(1 4,708,304 shares of Common SOLE DISPOSITIVE POWER 0 shares of Common Stock SHARED DISPOSITIVE POW 4,708,304 shares of Common	n Stock R VER (1)				
9			I MOUNT BENEFICIALLY OWNED s of Common Stock	D BY EACH REPORTING PERSON	N(1)			
10	CHECK BOX IF THE AGGREGATE AMOUN		THE AGGREGATE AMOUNT IN	ROW (9) EXCLUDES CERTAIN S	SHARES*			
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9(2) 11.1%							
12	TYPE OF	REPO	RTING PERSON*					

	PN	
(1) The repo person.	orting person expressly disclaims beneficial ownership with respect to any shares of common stock other than common stock owned of record by such reporting	

(2) Based upon a total of 42,492,913 shares of Common Stock issued and outstanding as of October 29, 2012, as set forth in the Issuer's Quarterly Report on Form 10-Q for the

fiscal quarter ended on September 30, 2012, filed with the Securities and Exchange Commission on November 1, 2012.

CUSIP No	o. <u>87612G10</u>	<u>)1</u>		13G	Page 7 of 16 Pages	
1	NAME OF I		RTING PERSON LC			
2			ROPRIATE BOX IF A MEI	MBER OF A GROUP*	(a) o (b) x	
3	SEC USE (ONLY				
4	CITIZENSH New York	IIP OR	PLACE OF ORGANIZATI	ON		
		5	SOLE VOTING POWER 0 shares of Common Sto			
SHA BENEA OWN	BER OF ARES FICIALLY IED BY	6	SHARED VOTING POW 4,708,304 shares of Cor	nmon Stock		
EACH REPORTING PERSON WITH		7	SOLE DISPOSITIVE PO	ock		
		8	SHARED DISPOSITIVE 4,708,304 shares of Cor	nmon Stock		
9	4,708,304 s	shares (of Common Stock	VNED BY EACH REPORTING PERSON(1)		
10	10 CHECK BOX IF THE AGGREGATE AMOUNT IN/A					
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9(2) 11.1%					
12	TYPE OF F	REPOR	TING PERSON*			

(1) The reporting person expressly disclaims beneficial ownership with respect to any shares of common stock other than common stock owned of record by such reporting person.

(2) Based upon a total of 42,492,913 shares of Common Stock issued and outstanding as of October 29, 2012, as set forth in the Issuer's Quarterly Report on Form 10-Q for the fiscal quarter ended on September 30, 2012, filed with the Securities and Exchange Commission on November 1, 2012.

CUSIP No	o. <u>87612G101</u>	13G	Page 8 of 16 Pages	
	NAME OF REPORTING PERSON Charles R. Kaye			
2	CHECK THE APPROPRIATE BOX IF A M	EMBER OF A GROUP*	(a (1)	

3	SEC USE	ONLY				
4	CITIZENSHIP OR PLACE OF ORGANIZATION					
	United Sta	tes of A	America			
	1	5	SOLE VOTING POWER			
			0 shares of Common Stock			
	BER OF ARES	6	SHARED VOTING POWER(1)			
BENE	FICIALLY NED BY		4,708,304 shares of Common Stock			
	ACH ORTING	7	SOLE DISPOSITIVE POWER			
PE	RSON VITH		0 shares of Common Stock			
		8 SHARED DISPOSITIVE POWER (1)				
			4,708,304 shares of Common Stock			
9	AGGREGA	ATE AN	OUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON(1)			
	4,708,304	shares	of Common Stock			
10	CHECK B	OX IF T	HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*			
	N/A					
11	PERCENT	CENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9(2)				
	11.1%					
12	TYPE OF	REPOF	RTING PERSON*			
	IN					

- (1) The reporting person expressly disclaims beneficial ownership with respect to any shares of common stock other than common stock owned of record by such reporting person.
- (2) Based upon a total of 42,492,913 shares of Common Stock issued and outstanding as of October 29, 2012, as set forth in the Issuer's Quarterly Report on Form 10-Q for the fiscal quarter ended on September 30, 2012, filed with the Securities and Exchange Commission on November 1, 2012.

CUSIP No	o. <u>87612G1</u>	L <u>01</u>		13G	Page 9 of 16 Page	es	
1	NAME OF Joseph P.	_	RTING PERSON				
2	CHECK T	HE APF	PROPRIATE BOX IF A MEMBER O	DF A GROUP*		(a) (b)	0 X
3	SEC USE	ONLY				(3)	
4	CITIZENS	SHIP OF	R PLACE OF ORGANIZATION				
	United Sta	ates of A	America				
		5	SOLE VOTING POWER 0 shares of Common Stock				
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		6	SHARED VOTING POWER(1) 4,708,304 shares of Common St	tock			
		ACH SOLE DISPOSITIVE ORTING RSON 0 shares of Common					
		8	SHARED DISPOSITIVE POWER 4,708,304 shares of Common St				

9	4,708,304 shares of Common Stock
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* N/A
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9(2) 11.1%
12	TYPE OF REPORTING PERSON* IN

- (1) The reporting person expressly disclaims beneficial ownership with respect to any shares of common stock other than common stock owned of record by such reporting person.
- (2) Based upon a total of 42,492,913 shares of Common Stock issued and outstanding as of October 29, 2012, as set forth in the Issuer's Quarterly Report on Form 10-Q for the fiscal quarter ended on September 30, 2012, filed with the Securities and Exchange Commission on November 1, 2012.

Item 1(a): Name of Issuer:

Targa Resources Corp.

Item 1(b): Address of Issuer's Principal Executive Offices:

1000 Louisiana, Suite 4300, Houston, Texas 77002

Item 2(a): Name of Person Filing:

This Amendment No. 5 to Schedule 13G is being filed on behalf of (a) Warburg Pincus Private Equity VIII, L.P, a Delaware limited partnership ("WP VIII", and together with its two affiliated partnerships Warburg Pincus Netherlands Private Equity VIII C.V. I, a company formed under the laws of the Netherlands, and WP-WPVIII Investors, L.P., a Delaware limited partnership, the "WP VIII Funds"); (b) Warburg Pincus Private Equity IX, L.P., a Delaware limited partnership ("WP IX"); (c) Warburg Pincus IX LLC, a New York limited liability company ("WP IX LLC"), the general partner of WP IX; (d) Warburg Pincus Partners LLC, a New York limited liability company ("WP Partners"), the general partner of WP VIII and the sole member of WP IX LLC; (e) Warburg Pincus & Co., a New York general partnership ("WP"), the managing member of WP Partners; (f) Warburg Pincus LLC, a New York limited liability company ("WP LLC"), which manages the WP VIII Funds and WP IX; and (g) Messrs. Charles R. Kaye and Joseph P. Landy, each a United States citizen and each a Managing General Partner of WP and Co-President and Managing Member of WP LLC, and who may be deemed to control the WP VIII Funds, WP IX, WP IX LLC, WP Partners, WP, and WP LLC. Each of the WP VIII Funds, WP IX, WP IX LLC, WP Partners, WP, WP LLC, Mr. Kaye and Mr. Landy are sometimes collectively referred to herein as the "Warburg Pincus Reporting Persons." Each of the Warburg Pincus Reporting Persons expressly disclaims beneficial ownership with respect to any shares of Common Stock in which they do not have a pecuniary interest.

Item 2(b): Address of Principal Business Office or, if None, Residence:

The principal business address of each Warburg Pincus Reporting Person is c/o Warburg Pincus & Co., 450 Lexington Avenue, New York, New York, 10017.

Item 2(c): Citizenship:

See Item 2(a).

Item 2(d): Title of Class of Securities:

Common Stock, par value \$0.001 per share ("Common Stock")

Item 2(e): CUSIP Number:

87612G101

Item 3: If this statement is filed pursuant to Rules 13d-1(b) or 13d-2(b) or (c), check whether the person filing is a:

[X] Not Applicable

- (a) [] Broker or dealer registered under Section 15 of the Act,
- (b) [] Bank as defined in Section 3(a)(6) of the Act,
- (c) [] Insurance Company as defined in Section 3(a)(19) of the Act,
- (d) [] Investment Company registered under Section 8 of the Investment Company Act of 1940,

(g)	[] Parent Holding Company or control person in accordance with Rule 13d-1 (b)(1)(ii)(G),
(h)	[] Savings Association as defined in Section 3(b) of the Federal Deposit Insurance Act,
(i)	[] Church Plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act of 1940,
(j)	[] Non-U.S. institution in accordance with Rule 13d-1(b)(ii)(J)
(k)	[] Group, in accordance with Rule 13d-1(b)(1)(ii)(K).

Item 4: Ownership:

(e)

(f)

The percentages used in this Amendment are calculated based upon a total of 42,492,913 shares of Common Stock issued and outstanding as of October 29, 2012, as set forth in the Issuer's Quarterly Report on Form 10-Q for the fiscal quarter ended on September 30, 2012, filed with the Securities and Exchange Commission on November 1, 2012.

A. WP VIII

- (a) Amount beneficially owned: 3,035,724 shares of Common Stock
- (b) Percent of class: 7.1%
- (c) Number of shares as to which such person has:
 - (i) Sole power to vote or direct the vote: 0 shares of Common Stock

[] Investment Adviser in accordance with Rule 13d-1 (b)(1)(ii)(E),

[] Employee Benefit Plan or Endowment Fund in accordance with 13d-1 (b)(1)(ii)(F),

- (ii) Shared power to vote or direct the vote: 3,035,724 shares of Common Stock
- (iii) Sole power to dispose or direct the disposition: 0 shares of Common Stock
- (iv) Shared power to dispose or direct the disposition: 3,035,724 shares of Common Stock

B. WP IX

- (a) Amount beneficially owned: 1,672,580 shares of Common Stock
- (b) Percent of class: 3.9%
- (c) Number of shares as to which such person has:
 - (i) Sole power to vote or direct the vote: 0 shares of Common Stock
 - (ii) Shared power to vote or direct the vote: 1,672,580 shares of Common Stock
 - (iii) Sole power to dispose or direct the disposition: 0 shares of Common Stock
 - (iv) Shared power to dispose or direct the disposition: 1,672,580 shares of Common Stock

C. WP IX LLC

- (a) Amount beneficially owned: 1,672,580 shares of Common Stock
- (b) Percent of class: 3.9%
- (c) Number of shares as to which such person has:
 - (i) Sole power to vote or direct the vote: 0 shares of Common Stock
 - (ii) Shared power to vote or direct the vote: 1,672,580 shares of Common Stock
 - (iii) Sole power to dispose or direct the disposition: 0 shares of Common Stock
 - (iv) Shared power to dispose or direct the disposition: 1,672,580 shares of Common Stock

D. WP Partners

- (a) Amount beneficially owned: 4,708,304 shares of Common Stock
- (b) Percent of class: 11.1%
- (c) Number of shares as to which such person has:
 - (i) Sole power to vote or direct the vote: 0 shares of Common Stock
 - (ii) Shared power to vote or direct the vote: 4,708,304 shares of Common Stock
 - (iii) Sole power to dispose or direct the disposition: 0 shares of Common Stock
 - (iv) Shared power to dispose or direct the disposition: 4,708,304 shares of Common Stock

E. WP

- (a) Amount beneficially owned: 4,708,304 shares of Common Stock
- (b) Percent of class: 11.1%
- (c) Number of shares as to which such person has:
 - (i) Sole power to vote or direct the vote: 0 shares of Common Stock
 - (ii) Shared power to vote or direct the vote: 4,708,304 shares of Common Stock

- (iii) Sole power to dispose or direct the disposition: 0 shares of Common Stock
- (iv) Shared power to dispose or direct the disposition: 4,708,304 shares of Common Stock

F. WP LLC

- (a) Amount beneficially owned: 4,708,304 shares of Common Stock
- (b) Percent of class: 11.1%
- (c) Number of shares as to which such person has:
 - (i) Sole power to vote or direct the vote: 0 shares of Common Stock
 - (ii) Shared power to vote or direct the vote: 4,708,304 shares of Common Stock
 - (iii) Sole power to dispose or direct the disposition: 0 shares of Common Stock
 - (iv) Shared power to dispose or direct the disposition: 4,708,304 shares of Common Stock

G. Mr. Kaye

- (a) Amount beneficially owned: 4,708,304 shares of Common Stock
- (b) Percent of class: 11.1%
- (c) Number of shares as to which such person has:
 - (i) Sole power to vote or direct the vote: 0 shares of Common Stock
 - (ii) Shared power to vote or direct the vote: 4,708,304 shares of Common Stock
 - (iii) Sole power to dispose or direct the disposition: 0 shares of Common Stock
 - (iv) Shared power to dispose or direct the disposition: 4,708,304 shares of Common Stock

H. Mr. Landy

- (a) Amount beneficially owned: 4,708,304 shares of Common Stock
- (b) Percent of class: 11.1%
- (c) Number of shares as to which such person has:
 - (i) Sole power to vote or direct the vote: 0 shares of Common Stock
 - (ii) Shared power to vote or direct the vote: 4,708,304 shares of Common Stock
 - (iii) Sole power to dispose or direct the disposition: 0 shares of Common Stock
 - (iv) Shared power to dispose or direct the disposition: 4,708,304 shares of Common Stock

Item 5: Ownership of Five Percent or Less of a Class:

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following: [X]

Warburg Pincus Private Equity IX, L.P. and Warburg Pincus IX LLC have each ceased to be the beneficial owner of more than five percent of the class of securities.

Item 6: Ownership of More than Five Percent on Behalf of Another Person:

Not applicable.

Item 7: Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company:

Not applicable.

Item 8: Identification and Classification of Members of the Group:

The Warburg Pincus Reporting Persons are making this single, joint filing because they may be deemed to constitute a "group" within the meaning of Section 13(d)-3 of the Securities and Exchange Act of 1934, as amended (the "Exchange Act"). The joint filing agreement among the Warburg Pincus Reporting Persons to file this Schedule 13G jointly in accordance with Rule 13d-1(K) of the Exchange Act is attached to the Schedule 13G previously filed with the U.S. Securities and Exchange Commission by the Warburg Pincus Reporting Persons with respect to the Issuer on January 25, 2011. Each Warburg Pincus Reporting Person expressly disclaims beneficial ownership with respect to any shares of Common Stock in which they do not have a pecuniary interest.

Item 9: Notice of Dissolution of Group:

Not applicable.

Item 10: Certification:

Not applicable.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: November 6, 2012

WARBURG PINCUS PRIVATE EQUITY VIII, L.P.

By: Warburg Pincus Partners LLC,

its General Partner

By: Warburg Pincus & Co.,

its Managing Member

By: <u>/s/ Scott A. Arenare</u>
Name: Scott A. Arenare

Title: Partner

WARBURG PINCUS PRIVATE EQUITY IX, L.P.

By: Warburg Pincus IX LLC,

Its General Partner

By: Warburg Pincus Partners LLC,

its Sole Member

By: Warburg Pincus & Co.,

its Managing Member

By: /s/ Scott A. Arenare
Name: Scott A. Arenare

Title: Partner

WARBURG PINCUS IX LLC

By: Warburg Pincus Partners LLC,

its Sole Member

By: Warburg Pincus & Co.,

its Managing Member

By: <u>/s/ Scott A. Arenare</u>
Name: Scott A. Arenare

Title: Partner

WARBURG PINCUS PARTNERS LLC

By: Warburg Pincus & Co.,

its Managing Member

By: /s/ Scott A. Arenare

^{*} The Powers of Attorney given by Mr. Kaye and Mr. Landy were previously filed with the U.S. Securities and Exchange Commission on October 4, 2012 as exhibits to a statement on Schedule 13D/A filed by Warburg Pincus Private Equity X, L.P. with respect to Primerica, Inc. and are hereby incorporated by reference.

Name: Scott A. Arenare

Title: Partner

WARBURG PINCUS & CO.

By: <u>/s/ Scott A. Arenare</u>
Name: Scott A. Arenare

Title: Partner

WARBURG PINCUS LLC

By: /s/ Scott A. Arenare
Name: Scott A. Arenare
Title: Managing Director

CHARLES R. KAYE

By: <u>/s/ Scott A. Arenare</u>
Name: Charles R. Kaye

By: Scott A. Arenare, Attorney-in-Fact*

JOSEPH P. LANDY

By: /s/ Scott A. Arenare
Name: Joseph P. Landy

By: Scott A. Arenare, Attorney-in-Fact*

^{*} The Powers of Attorney given by Mr. Kaye and Mr. Landy were previously filed with the U.S. Securities and Exchange Commission on October 4, 2012 as exhibits to a statement on Schedule 13D/A filed by Warburg Pincus Private Equity X, L.P. with respect to Primerica, Inc. and are hereby incorporated by reference.

^{*} The Powers of Attorney given by Mr. Kaye and Mr. Landy were previously filed with the U.S. Securities and Exchange Commission on October 4, 2012 as exhibits to a statement on Schedule 13D/A filed by Warburg Pincus Private Equity X, L.P. with respect to Primerica, Inc. and are hereby incorporated by reference.