

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G
(Rule 13d-102)

Information Statement Pursuant to Rules 13d-1 and 13d-2
Under the Securities Exchange Act of 1934
(Amendment No. _____)*

8x8, Inc.

(Name of Issuer)

Common Stock, Par Value \$0.001

(Title of Class of Securities)

282912 10 4

(CUSIP Number)

December 16, 1999

Date of Event Which Requires Filing of the Statement

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

- Rule 13d-1(b)
 Rule 13d-1(c)
 Rule 13d-1(d)

*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 disclosures provided in a prior cover page.

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).

 NAMES OF REPORTING PERSON
 1. S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON
 Name Citadel Limited Partnership

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*
 (a)
 (b)

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION
 Illinois limited partnership
 U.S.A.

5. SOLE VOTING POWER
 NUMBER OF 0
 SHARES

6. SHARED VOTING POWER
 BENEFICIALLY \$3,750,000 principal amount of Series A Convertible
 OWNED BY Notes (convertible into 531,915 shares of Common Stock
 EACH /(1)(2)/
 REPORTING Warrants (exercisable into 531,915 shares of Common
 PERSON Stock)/(2)/

7. SOLE DISPOSITIVE POWER
 WITH 0

8. SHARED DISPOSITIVE POWER
 See Row 6 above.

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
 See Row 6 above.

10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES/(2)/
 [X]

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
 Approximately 5.4% as of the date of filing of this statement. (Based on
 18,539,338 shares of Common Stock issued and outstanding as of December
 10, 1999, plus the Common Stock issuable upon the conversion of the Series
 A Convertible Notes and exercise of the Warrants referred to in Row 6
 above.)

12. TYPE OF REPORTING PERSON*
 PN;HC

/(1)/ Series A Convertible Notes also accrue at a rate of 4.0% per annum,
 payable semiannually in cash or Common Stock, at the discretion of the Issuer.

 NAME OF REPORTING PERSON
 1. S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

Name GLB Partners, L.P.

 2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a)
 (b)

 3. SEC USE ONLY

 4. CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware limited partnership
 U.S.A.

 5. SOLE VOTING POWER

NUMBER OF
 SHARES

0

BENEFICIALLY

 6. SHARED VOTING POWER

OWNED BY

\$3,750,000 principal amount of Series A Convertible
 Notes (convertible into 531,915 shares of Common Stock
 /(1)(2)/

EACH

REPORTING

Warrants (exercisable into 531,915 shares of Common
 Stock)/(2)/

PERSON

 7. SOLE DISPOSITIVE POWER

WITH

0

 8. SHARED DISPOSITIVE POWER

See Row 6 above.

 9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

See Row 6 above.

 10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES/(2)/

[X]

 11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

Approximately 5.4% as of the date of filing of this statement. (Based on
 18,539,338 shares of Common Stock issued and outstanding as of December
 10, 1999, plus the Common Stock issuable upon the conversion of the Series
 A Convertible Notes and exercise of the Warrants referred to in Row 6
 above.)

 12. TYPE OF REPORTING PERSON*

PN;HC

 /(1)/ Series A Convertible Notes also accrue at a rate of 4.0% per annum,
 payable semiannually in cash or Common Stock, at the discretion of the Issuer.

 NAME OF REPORTING PERSON
 1. S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

Name Citadel Investment Group, L.L.C.

 2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*
 (a) [X]
 (b) []

 3. SEC USE ONLY

 4. CITIZENSHIP OR PLACE OF ORGANIZATION
 Delaware limited liability company
 U.S.A.

 5. SOLE VOTING POWER
 0

 6. NUMBER OF SHARED VOTING POWER
 SHARES \$3,750,000 principal amount of Series A Convertible
 BENEFICIALLY Notes (convertible into 531,915 shares of Common
 Stock)(1)(2)
 OWNED BY Warrants (exercisable into 531,915 shares of Common
 EACH Stock)/(2)/

 7. REPORTING PERSON SOLE DISPOSITIVE POWER
 0

 8. WITH SHARED DISPOSITIVE POWER
 See Row 6 above.

 9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
 See Row 6 above.

 10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (2)
 [X]

 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

11. Approximately 5.4% as of the date of filing of this statement.
 (Based on 18,539,338 shares of Common Stock issued and outstanding
 as of December 10, 1999, plus the Common Stock issuable upon the
 conversion of the Series A Convertible Notes and exercise of the
 Warrants referred to in Row 6 above.)

 12. TYPE OF REPORTING PERSON*

OO;HC

 (2)Series A Convertible Notes also accrue interest at a rate of 4.0% per
 annum, payable semiannually in cash or Common Stock, at the discretion of the
 Issuer.

1 NAME OF REPORTING PERSON
 S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS
 Kenneth Griffin

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)
 (a)
 (b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION
 U.S. Citizen
 U.S.A.

	5	SOLE VOTING POWER
NUMBER OF	0	
SHARES		
	6	SHARED VOTING POWER
BENEFICIALLY		
OWNED BY		\$3,750,000 principal amount of Series A Convertible Notes (convertible into 531,915 shares of Common Stock)/(1)(2)/
EACH		
REPORTING		Warrants (exercisable into 531,915 shares of Common Stock)/(2)/

	7	SOLE DISPOSITIVE POWER
PERSON		
WITH	0	

	8	SHARED DISPOSITIVE POWER
		See Row 6 above.

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
 See Row 6 above.

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
 Approximately 5.4% as of the date of filing of this statement. (Based on 18,539,338 shares of Common Stock issued and outstanding as of December 10, 1999, plus the Common Stock issuable upon the conversion of the Series A Convertible Notes and exercise of the Warrants referred to in Row 6 above.)

12 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)
 IN

/(1)/Series A Convertible Notes also accrue interest at a rate of 4.0% per annum, payable semiannually in cash or Common Stock, at the discretion of the Issuer.

 1 NAME OF REPORTING PERSON
 S.S. OR I.R.S IDENTIFICATION NO. OF ABOVE PERSON

Name Wellington Partners Limited Partnership

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*
 (a)
 (b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION
 Illinois limited partnership
 U.S.A.

	5	SOLE VOTING POWER
NUMBER OF		
SHARES	0	
	6	SHARED VOTING POWER
BENEFICIALLY		
OWNED BY		\$3,750,000 principal amount of Series A Convertible
EACH		Notes (convertible into 531,915 shares of Common
REPORTING		Stock)(1)(2)
PERSON		Warrants (exercisable into 531,915 shares of Common
WITH		Stock)(2)

	7	SOLE DISPOSITIVE POWER
	8	SHARED DISPOSITIVE POWER
		See Row 6 above.

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
 See Row 6 above.

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES(2)
 [X]

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
 Approximately 5.4% as of the date of filing of this statement. (Based on 18,539,338 shares of Common Stock issued and outstanding as of December 10, 1999, plus the Common Stock issuable upon the conversion of the Series A Convertible Notes and exercise of the Warrants referred to in Row 6 above.)

12 TYPE OF REPORTING PERSON*
 PN; HC

(2) Series A Convertible Notes also accrue interest at a rate of 4.0% per annum, payable semiannually in cash or Common Stock, at the discretion of the Issuer.

 CUSIP NO. 2829212 10 4

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 NAME OF REPORTING PERSON

1. S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

Named Wingate Capital Ltd.

 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

2. (a)
 (b)

 SEC USE ONLY

3.

 CITIZENSHIP OR PLACE OF ORGANIZATION

4.

Cayman Islands company

 SOLE VOTING POWER

5.

NUMBER OF

0

SHARES

 SHARED VOTING POWER

6.

BENEFICIALLY

OWNED BY

\$3,750,000 principal amount of Series A Convertible
 Notes (convertible into 531,915 shares of Common
 Stock)/(1)(2)/

EACH

Warrants (exercisable into 531,915 shares of Common
 Stock)/(2)/

REPORTING

 SOLE DISPOSITIVE POWER

7.

PERSON

WITH

0

 SHARED DISPOSITIVE POWER

8.

See Row 6 above.

 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9.

See Row 6 above.

 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES/(2)/

10.

 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

11.

Approximately 5.4% as of the date of filing of this statement. (Based on
 18,539,338 shares of Common Stock issued and outstanding as of
 December 10, 1999, plus the Common Stock issuable upon the conversion of
 the Series A Convertible Notes and exercise of the Warrants referred to
 in Row 6 above.)

 TYPE OF REPORTING PERSON*

12.

CO

 /(1)/ Series A Convertible Notes also accrue interest at a rate of 4.0% per
 annum, payable semiannually in cash or Common Stock, at the discretion of the
 Issuer.

NAME OF REPORTING PERSON

1. S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

Name Kensington Global Strategies Fund, Ltd.

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

2. (a) (b)

SEC USE ONLY

3.

CITIZENSHIP OR PLACE OF ORGANIZATION

4.

Bermuda company

5. SOLE VOTING POWER

NUMBER OF

0

SHARES

6. SHARED VOTING POWER

BENEFICIALLY

OWNED BY

\$3,750,000 principal amount of Series A Convertible Notes (convertible into 531,915 shares of Common Stock)(1)(2)

EACH

REPORTING

Warrants (exercisable into 531,915 shares of Common Stock) (2)

PERSON

7. SOLE DISPOSITIVE POWER

0

WITH

8. SHARED DISPOSITIVE POWER

See Row 6 above.

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9.

See Row 6 above.

CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES(2)

10.

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

11.

Approximately 5.4% as of the date of filing of this statement. (Based on 18,539,338 shares of Common Stock issued and outstanding as of December 10, 1999, plus the Common Stock issuable upon the conversion of the Series A Convertible Notes and exercise of the Warrants referred to in Row 6 above.)

TYPE OF REPORTING PERSON*

12.

CO; HC

(1) Series A Convertible Notes also accrue interest at a rate of 4.0% per annum, payable semiannually in cash or Common Stock, at the discretion of the Issuer.

 NAME OF REPORTING PERSON
 1. S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

Name Fisher Capital Ltd.

 2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*
 (a) [X]
 (b) []

 3. SEC USE ONLY

 4. CITIZENSHIP OR PLACE OF ORGANIZATION

Cayman Islands company

NUMBER OF	5. SOLE VOTING POWER
SHARES	0
BENEFICIALLY	6. SHARED VOTING POWER
OWNED BY	\$3,750,000 principal amount of Series A Convertible Notes (convertible into 531,915 shares of Common Stock)(1)(2)
EACH	Warrants (exercisable into 531,915 shares of Common Stock)(2)

REPORTING	7. SOLE DISPOSITIVE POWER
PERSON	0

WITH	8. SHARED DISPOSITIVE POWER
	See Row 6 above.

 9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
 See Row 6 above.

 10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES(2)
 [X]

 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

11. Approximately 5.4% as of the date of filing of this statement. (Based on 18,539,338 shares of Common Stock issued and outstanding as of December 10, 1999, plus the Common Stock issuable upon the conversion of the Series A Convertible Notes and exercise of the Warrants referred to in Row 6 above.)

 12. TYPE OF REPORTING PERSON*
 CO

(1) Series A Convertible Notes also accrue interest at a rate of 4.0% per annum, payable semiannually in cash or Common Stock, at the discretion of the Issuer.

SCHEDULE 13G

Item 1(a) Name of Issuer: 8X8, INC.

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

2445 MISSION COLLEGE BLVD.
SANTA CLARA, CALIFORNIA 95054

Item 2(a) Name of Person Filing

Item 2(b) Address of Principal Business Office

Item 2(c) Citizenship

Citadel Limited Partnership
225 W. Washington
9th Floor
Chicago, Illinois 60606
Illinois limited partnership

GLB Partners, L.P.
225 W. Washington
9th Floor
Chicago, Illinois 60606
Delaware limited partnership

Citadel Investment Group, L.L.C.
225 W. Washington
9th Floor
Chicago, Illinois 60606
Delaware limited liability company

Kenneth Griffin
225 W. Washington
9th Floor
Chicago, Illinois 60606
U.S. Citizen

Wellington Partners Limited Partnership
c/o Citadel Investment Group, L.L.C.
225 W. Washington
9th Floor
Chicago, Illinois 60606
Illinois limited partnership

Wingate Capital Ltd.
c/o Citadel Investment Group, L.L.C.
225 W. Washington
9th Floor
Chicago, Illinois 60606
Cayman Islands company

Kensington Global Strategies Fund, Ltd.
c/o Citadel Investment Group, L.L.C.
225 W. Washington
9th Floor
Chicago, Illinois 60606
Bermuda company

Fisher Capital Ltd.
c/o Citadel Investment Group, L.L.C.
225 W. Washington
9th Floor
Chicago, Illinois 60606
Cayman Islands company

2(d) Title of Class of Securities:

Common Stock, par value \$0.001 per share

2(e) CUSIP Number: 282912 10 4

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:

- (a) Broker or dealer registered under Section 15 of the Exchange Act;
- (b) Bank as defined in Section 3(a)(6) of the Exchange Act;
- (c) Insurance company as defined in Section 3(a)(19) of the Exchange Act;

- (d) Investment company registered under Section 8 of the Investment Company Act;
- (e) An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);
- (f) An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F);
- (g) A parent holding company or control person in accordance with Rule 13d-1(b)(ii)(G);
- (h) A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act;
- (i) A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act;
- (j) Group, in accordance with Rule 13d-1(b)(1)(ii)(J).

If this statement is filed pursuant to Rule 13d-1(c), check this box.

Item 4 Ownership:

CITADEL LIMITED PARTNERSHIP
GLB PARTNERS, L.P.
CITADEL INVESTMENT GROUP, L.L.C.
KENNETH GRIFFIN
WELLINGTON PARTNERS LIMITED PARTNERSHIP
WINGATE CAPITAL LTD.
KENSINGTON GLOBAL STRATEGIES FUND, LTD.
FISHER CAPITAL LTD.

(a) Amount beneficially owned:

\$3,750,000 principal amount of Series A Convertible Notes (convertible into
531,915 shares of Common Stock/(1)(2)/
Warrants (exercisable into 531,915 shares of Common Stock)/(2)/

(b) Percent of Class:

Approximately 5.4% as of the date of filing of this statement. (Based on
18,539,338 shares of Common Stock issued and outstanding as of December 10,
1999, plus the Common Stock issuable upon the conversion of the Series A
Convertible Notes and exercise of the Warrants referred to in item (a) above.)

(c) Number of shares as to which such person has:

(i) sole power to vote or to direct the vote:

0

(ii) shared power to vote or to direct the vote:

See item (a) above.

(iii) sole power to dispose or to direct the disposition of:

0

(iv) shared power to dispose or to direct the disposition of:

See item (a) above.

(2) The Series A Convertible Notes (the "Series A Notes") accrue interest at the rate of 4.0% per annum, payable semiannually in cash or Common Stock at the discretion of the Company. The securities reported herein include securities that the holders may acquire in the future through (i) the conversion of the Series A Notes, which may be converted by the Reporting Persons at any time prior to and including December 15, 2002 (subject to extension in certain circumstances) into shares of Common Stock at a conversion price equal to 117.5% of the average of the closing bid price of the Common Stock for the five trading days starting February 1, 2000, provided that the conversion price shall not exceed \$7.05 nor be less than \$4.00 (subject to adjustments to prevent dilution) (the "Series A Conversion Price"), and (ii) the exercise by the Reporting Persons at any time prior to and including December 15, 2002 of warrants to purchase that number of shares equal to the aggregate outstanding principal amount of the Series A Notes on February 8, 2000 divided by the Series A Conversion Price on such date (the "Series A Warrants"). The exercise price of the Series A Warrants is equal to the Series A Conversion Price.

As a consequence of the future pricing for purposes of conversion of the Series A Notes and determination of the number of shares of Common Stock which will be subject to the Series A Warrants, the number of shares of Common Stock into which the Series A Notes may be converted and the Series A Warrants may be exercised, and consequently the number of shares of such securities which the holders of such securities may be deemed to beneficially own, will not be determinable until February 8, 2000.

The beneficial ownership reported by the Reporting Persons is based on the maximum Conversion Price of \$7.05 which would at a minimum provide the Reporting Persons with beneficial ownership of 5.4% of the outstanding shares of Common Stock after conversion and exercise, based on 18,539,338 shares of Common Stock outstanding on December 10, 1999. If the Conversion Price were to be set at the minimum Conversion Price of \$4.00 the Reporting Persons would have beneficial ownership of 9.2% of the outstanding shares of Common Stock after conversion and exercise, based on 18,539,338 shares of Common Stock outstanding on December 10, 1999.

The Reporting Persons also own the same principal amount of the Company's Series B Convertible Notes (the "Series B Notes") as they own of Series A Notes and they own warrants to acquire the same number of shares of Common Stock (the "Series B Warrants") into which the Series B Notes are convertible. The Series B Notes accrue interest at the rate of 4.0% per annum, payable semiannually in cash or Common Stock at the discretion of the Company. The securities reported herein include securities that the holders may acquire in the future through (i) the conversion of the Series B Notes, which may be converted by the Reporting Persons at any time prior to and including December 15, 2002 (subject to extension in certain circumstances) into shares of Common Stock at a conversion price equal to 117.5% of the average of the closing bid price of the Common Stock for the five trading days starting March 8, 2000 (subject to adjustments to prevent dilution) (the "Series B Conversion Price"), and (ii) the exercise by the Reporting Persons at any time prior to and including December 15, 2002 of warrants to purchase that number of shares equal to the aggregate outstanding principal amount of the Series B Notes on March 30, 2000 divided by the Series B Conversion Price on such date (the "Series B Warrants"). The exercise price of the Series B Warrants is equal to the Series B Conversion Price.

As a consequence of the future pricing for purposes of conversion of the Series B Notes and determination of the number of shares of Common Stock which will be subject to the Series B Warrants, the number of shares of Common Stock into which the Series B Notes may be converted and the Series B Warrants may be exercised, and consequently the number of shares of such securities which the holders of such securities may be deemed to beneficially own, will not be determinable until March 30, 2000. Subject to certain conditions, the Company has the right to redeem the Series B Notes prior to March 30, 2000.

Pursuant to the terms of the Series A Notes, Series B Notes, Series A Warrants and Series B Warrants the Reporting Persons cannot be "beneficial owners" of more than 10.00% of the securities of the Company within the meaning of Rule 13-d.

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

Not Applicable.

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:

See Item 2 above.

Item 8 Identification and Classification of Members of the Group:

Not Applicable.

Item 9 Notice of Dissolution of Group:

Not Applicable.

Item 10 Certification:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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

Dated this 27th day of December, 1999

/s/ Kenneth Griffin

Kenneth Griffin

CITADEL LIMITED PARTNERSHIP

CITADEL INVESTMENT GROUP, L.L.C.

By: GLB Partners, L.P.,
its General Partner

By: /s/ Kenneth Griffin

Kenneth Griffin, President

By: Citadel Investment Group, L.L.C.,
its General Partner

By: /s/ Kenneth Griffin

Kenneth Griffin, President

GLB PARTNERS, L.P.

WINGATE CAPITAL LTD.

By: Citadel Investment Group, L.L.C.,
its General Partner

By: Citadel Limited Partnership,
its Trading Manager

By: /s/ Kenneth Griffin

Kenneth Griffin, President

By: GLB Partners, L.P.,
its General Partner

By: Citadel Investment Group, L.L.C.,
its General Partner

By: /s/ Kenneth Griffin

Kenneth Griffin, President

WELLINGTON PARTNERS LIMITED
PARTNERSHIP

FISHER CAPITAL LTD.

By: Citadel Limited Partnership,
its General Partner

By: Citadel Limited Partnership,
its Trading Manager

By: GLB Partners, L.P.,
its General Partner

By: GLB Partners, L.P.,
its General Partner

By: Citadel Investment Group, L.L.C.,
its General Partner

By: Citadel Investment Group, L.L.C.,
its General Partner

By: /s/ Kenneth Griffin

Kenneth Griffin, President

By: /s/ Kenneth Griffin

Kenneth Griffin, President

KENSINGTON GLOBAL STRATEGIES FUND, LTD.

By: Citadel Limited Partnership,
its Trading Manager

By: GLB Partners, L.P.,
its General Partner

By: Citadel Investment Group, L.L.C.,
its General Partner

By: /s/ Kenneth Griffin

Kenneth Griffin, President