

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. )\*

UAL Corporation

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(Name of Issuer)

Common Stock, \$0.01 par value

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(Title of Class of Securities)

902549807

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(CUSIP Number)

August 3, 2009

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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).

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1.	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  <b>Citadel Limited Partnership</b>		
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input checked="" type="checkbox"/> (b) <input type="checkbox"/>		
3.	SEC USE ONLY		
4.	CITIZENSHIP OR PLACE OF ORGANIZATION <b>Delaware</b>		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5.	SOLE VOTING POWER <b>0</b>	
	6.	SHARED VOTING POWER <b>7,067,768 shares</b>	
	7.	SOLE DISPOSITIVE POWER <b>0</b>	
	8.	SHARED DISPOSITIVE POWER <b>See Row 6 above.</b>	
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON <b>See Row 6 above.</b>		
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES <input type="checkbox"/>		
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) <b>4.85%<sup>1</sup></b>		
12.	TYPE OF REPORTING PERSON <b>PN; HC</b>		

<sup>1</sup> The percentages reported in this Schedule 13G are based upon 145,779,390 shares of Common Stock outstanding as of July 17, 2009 (144,761,948 outstanding shares reported in the issuer's Quarterly Report on Form 10-Q for the quarter ended June 30, 2009, as filed with the Securities and Exchange Commission on July 23, 2009, plus 857,974 shares of Common Stock issuable upon the conversion of the 4.50% Convertible Notes due 2021 held by the Reporting Persons, plus 159,469 shares of Common Stock issuable upon the conversion of the 5.00% Senior Convertible Notes due 2021 held by the Reporting Persons).

1.	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  <b>Citadel Investment Group, L.L.C.</b>		
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input checked="" type="checkbox"/> (b) <input type="checkbox"/>		
3.	SEC USE ONLY		
4.	CITIZENSHIP OR PLACE OF ORGANIZATION <b>Delaware</b>		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5.	SOLE VOTING POWER <b>0</b>	
	6.	SHARED VOTING POWER <b>7,067,768 shares</b>	
	7.	SOLE DISPOSITIVE POWER <b>0</b>	
	8.	SHARED DISPOSITIVE POWER <b>See Row 6 above.</b>	
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON <b>See Row 6 above.</b>		
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES <input type="checkbox"/>		
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) <b>4.85%<sup>2</sup></b>		
12.	TYPE OF REPORTING PERSON <b>OO; HC</b>		

<sup>2</sup> See footnote 1 above.

1.	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  <b>Citadel Equity Fund Ltd.</b>		
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input checked="" type="checkbox"/> (b) <input type="checkbox"/>		
3.	SEC USE ONLY		
4.	CITIZENSHIP OR PLACE OF ORGANIZATION <b>Cayman Islands</b>		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5.	SOLE VOTING POWER <b>0</b>	
	6.	SHARED VOTING POWER <b>7,067,768 shares</b>	
	7.	SOLE DISPOSITIVE POWER <b>0</b>	
	8.	SHARED DISPOSITIVE POWER <b>See Row 6 above.</b>	
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON <b>See Row 6 above.</b>		
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES <input type="checkbox"/>		
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) <b>4.85%<sup>3</sup></b>		
12.	TYPE OF REPORTING PERSON <b>CO</b>		

<sup>3</sup> See footnote 1 above.

1.	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  <b>Citadel Investment Group II, L.L.C.</b>		
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input checked="" type="checkbox"/> (b) <input type="checkbox"/>		
3.	SEC USE ONLY		
4.	CITIZENSHIP OR PLACE OF ORGANIZATION <b>Delaware</b>		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5.	SOLE VOTING POWER <b>0</b>	
	6.	SHARED VOTING POWER <b>7,067,768 shares</b>	
	7.	SOLE DISPOSITIVE POWER <b>0</b>	
	8.	SHARED DISPOSITIVE POWER <b>See Row 6 above.</b>	
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON <b>See Row 6 above.</b>		
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES <input type="checkbox"/>		
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) <b>4.85%<sup>4</sup></b>		
12.	TYPE OF REPORTING PERSON <b>OO; HC</b>		

<sup>4</sup> See footnote 1 above.

1.	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  <b>Citadel Holdings II LP</b>		
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input checked="" type="checkbox"/> (b) <input type="checkbox"/>		
3.	SEC USE ONLY		
4.	CITIZENSHIP OR PLACE OF ORGANIZATION <b>Delaware</b>		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5.	SOLE VOTING POWER <b>0</b>	
	6.	SHARED VOTING POWER <b>7,067,768 shares</b>	
	7.	SOLE DISPOSITIVE POWER <b>0</b>	
	8.	SHARED DISPOSITIVE POWER <b>See Row 6 above.</b>	
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON <b>See Row 6 above.</b>		
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES <input type="checkbox"/>		
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) <b>4.85%<sup>5</sup></b>		
12.	TYPE OF REPORTING PERSON <b>PN; HC</b>		

<sup>5</sup> See footnote 1 above.

1.	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  <b>Citadel Advisors LLC</b>		
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input checked="" type="checkbox"/> (b) <input type="checkbox"/>		
3.	SEC USE ONLY		
4.	CITIZENSHIP OR PLACE OF ORGANIZATION <b>Delaware</b>		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5.	SOLE VOTING POWER <b>0</b>	
	6.	SHARED VOTING POWER <b>7,067,768 shares</b>	
	7.	SOLE DISPOSITIVE POWER <b>0</b>	
	8.	SHARED DISPOSITIVE POWER <b>See Row 6 above.</b>	
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON <b>See Row 6 above.</b>		
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES <input type="checkbox"/>		
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) <b>4.85%<sup>§</sup></b>		
12.	TYPE OF REPORTING PERSON <b>OO; HC</b>		

<sup>§</sup> See footnote 1 above.

1.	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  <b>Citadel Derivatives Trading Ltd.</b>		
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input checked="" type="checkbox"/> (b) <input type="checkbox"/>		
3.	SEC USE ONLY		
4.	CITIZENSHIP OR PLACE OF ORGANIZATION <b>Cayman Islands</b>		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5.	SOLE VOTING POWER <b>0</b>	
	6.	SHARED VOTING POWER <b>7,067,768 shares</b>	
	7.	SOLE DISPOSITIVE POWER <b>0</b>	
	8.	SHARED DISPOSITIVE POWER <b>See Row 6 above.</b>	
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON <b>See Row 6 above.</b>		
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES <input type="checkbox"/>		
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) <b>4.85%<sup>Z</sup></b>		
12.	TYPE OF REPORTING PERSON <b>CO</b>		

<sup>Z</sup> See footnote 1 above.

1.	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  <b>Kenneth Griffin</b>		
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input checked="" type="checkbox"/> (b) <input type="checkbox"/>		
3.	SEC USE ONLY		
4.	CITIZENSHIP OR PLACE OF ORGANIZATION <b>U.S. Citizen</b>		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5.	SOLE VOTING POWER <b>0</b>	
	6.	SHARED VOTING POWER <b>7,067,768 shares</b>	
	7.	SOLE DISPOSITIVE POWER <b>0</b>	
	8.	SHARED DISPOSITIVE POWER <b>See Row 6 above.</b>	
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON <b>See Row 6 above.</b>		
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES <input type="checkbox"/>		
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) <b>4.85%<sup>§</sup></b>		
12.	TYPE OF REPORTING PERSON <b>IN; HC</b>		

<sup>§</sup> See footnote 1 above.

1.	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  <b>Citadel Convertible Opportunities Ltd.</b>		
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input checked="" type="checkbox"/> (b) <input type="checkbox"/>		
3.	SEC USE ONLY		
4.	CITIZENSHIP OR PLACE OF ORGANIZATION <b>Cayman Islands</b>		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5.	SOLE VOTING POWER <b>0</b>	
	6.	SHARED VOTING POWER <b>7,067,768 shares</b>	
	7.	SOLE DISPOSITIVE POWER <b>0</b>	
	8.	SHARED DISPOSITIVE POWER <b>See Row 6 above.</b>	
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON <b>See Row 6 above.</b>		
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES <input type="checkbox"/>		
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) <b>4.85%<sup>2</sup></b>		
12.	TYPE OF REPORTING PERSON <b>CO</b>		

<sup>2</sup> See footnote 1 above.

1.	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  <b>Citadel Global Equities Master Fund Ltd.</b>		
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input checked="" type="checkbox"/> (b) <input type="checkbox"/>		
3.	SEC USE ONLY		
4.	CITIZENSHIP OR PLACE OF ORGANIZATION <b>Cayman Islands</b>		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5.	SOLE VOTING POWER <b>0</b>	
	6.	SHARED VOTING POWER <b>7,067,768 shares</b>	
	7.	SOLE DISPOSITIVE POWER <b>0</b>	
	8.	SHARED DISPOSITIVE POWER <b>See Row 6 above.</b>	
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON <b>See Row 6 above.</b>		
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES <input type="checkbox"/>		
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) <b>4.85%<sup>10</sup></b>		
12.	TYPE OF REPORTING PERSON <b>CO</b>		

<sup>10</sup> See footnote 1 above.

1.	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  <b>Citadel Securities LLC</b>		
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input checked="" type="checkbox"/> (b) <input type="checkbox"/>		
3.	SEC USE ONLY		
4.	CITIZENSHIP OR PLACE OF ORGANIZATION <b>Delaware</b>		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5.	SOLE VOTING POWER <b>0</b>	
	6.	SHARED VOTING POWER <b>7,067,768 shares</b>	
	7.	SOLE DISPOSITIVE POWER <b>0</b>	
	8.	SHARED DISPOSITIVE POWER <b>See Row 6 above.</b>	
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON <b>See Row 6 above.</b>		
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES <input type="checkbox"/>		
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) <b>4.85%<sup>11</sup></b>		
12.	TYPE OF REPORTING PERSON <b>OO; BD</b>		

<sup>11</sup> See footnote 1 above.

**Item 1(a) Name of Issuer:**

UAL Corporation

**Item 1(b) Address of Issuer's Principal Executive Offices:**77 W. Wacker Drive  
Chicago, Illinois 60601**Item 2(a) Name of Person Filing<sup>12</sup>****Item 2(b) Address of Principal Business Office****Item 2(c) Citizenship**Citadel Investment Group, L.L.C.  
131 S. Dearborn Street  
32nd Floor  
Chicago, Illinois 60603  
Delaware limited liability companyCitadel Limited Partnership  
131 S. Dearborn Street  
32nd Floor  
Chicago, Illinois 60603  
Delaware limited partnershipCitadel Equity Fund Ltd.  
c/o Citadel Investment Group, L.L.C.  
131 S. Dearborn Street  
32nd Floor  
Chicago, Illinois 60603  
Cayman Islands companyCitadel Investment Group II, L.L.C.  
131 S. Dearborn Street  
32nd Floor  
Chicago, Illinois 60603  
Delaware limited liability company

<sup>12</sup> Citadel Holdings Ltd., a Cayman Islands company ("CH"), is majority owned by Citadel Kensington Global Strategies Fund Ltd. ("CKGSF"). Citadel Equity Fund Ltd. ("CEF") is majority owned by CH. Neither CKGSF nor CH have control over the voting or disposition of securities held by CEF. Citadel Derivatives Trading Ltd. ("CDT") is majority owned by CLP Holdings LLC ("CLP Holdings"). CLP Holdings does not have control over the voting or disposition of securities by CDT. Citadel Securities LLC ("CDG") is majority owned by Citadel Derivatives Group Investors LLC ("CDGI"). CDGI does not have control over the voting or disposition of securities of CDG.

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Citadel Holdings II LP  
c/o Citadel Investment Group II, L.L.C.  
131 S. Dearborn Street  
32nd Floor  
Chicago, Illinois 60603  
Delaware limited partnership

Citadel Advisors LLC  
c/o Citadel Investment Group II, L.L.C.  
131 S. Dearborn Street  
32nd Floor  
Chicago, Illinois 60603  
Delaware limited liability company

Citadel Derivatives Trading Ltd.  
c/o Citadel Investment Group II, L.L.C.  
131 S. Dearborn Street  
32nd Floor  
Chicago, Illinois 60603  
Cayman Islands company

Kenneth Griffin  
131 S. Dearborn Street  
32nd Floor  
Chicago, Illinois 60603  
U.S. Citizen

Citadel Convertible Opportunities Ltd.  
c/o Citadel Investment Group, L.L.C.  
131 S. Dearborn Street  
32nd Floor  
Chicago, Illinois 60603  
Cayman Islands company

Citadel Global Equities Master Fund Ltd.  
c/o Citadel Investment Group, L.L.C.  
131 S. Dearborn Street  
32nd Floor  
Chicago, Illinois 60603  
Cayman Islands company

Citadel Securities LLC  
c/o Citadel Investment Group II, L.L.C.  
131 S. Dearborn Street  
32nd Floor  
Chicago, Illinois 60603  
Delaware limited liability company

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

Common Stock, par value \$0.01

**2(e) CUSIP Number:** 902549807**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)(1)(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 INVESTMENT GROUP, L.L.C.  
CITADEL LIMITED PARTNERSHIP  
CITADEL EQUITY FUND LTD.  
CITADEL INVESTMENT GROUP II, L.L.C.  
CITADEL HOLDINGS II LP  
CITADEL ADVISORS LLC  
CITADEL DERIVATIVES TRADING LTD.  
KENNETH GRIFFIN  
CITADEL CONVERTIBLE OPPORTUNITIES LTD.  
CITADEL GLOBAL EQUITIES MASTER FUND LTD.  
CITADEL SECURITIES LLC

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**(a) Amount beneficially owned:**

7,067,768 shares

**(b) Percent of Class:**4.85%<sup>13</sup>**(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 4(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 4(a) above.

**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.

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<sup>13</sup> See footnote 1 above.

**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.

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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 13<sup>th</sup> day of August, 2009.

**CITADEL INVESTMENT GROUP, L.L.C.**

By: /s/ Adam C. Cooper  
Adam C. Cooper, Authorized Signatory

**CITADEL LIMITED PARTNERSHIP**

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

By: /s/ Adam C. Cooper  
Adam C. Cooper, Authorized Signatory

**CITADEL EQUITY FUND LTD.**

By: Citadel Advisors LLC,  
its Portfolio Manager

**CITADEL INVESTMENT GROUP II, L.L.C.**

By: /s/ Adam C. Cooper  
Adam C. Cooper, Authorized Signatory

By: Citadel Holdings II LP,  
its Managing Member

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

By: /s/ Adam C. Cooper  
Adam C. Cooper, Authorized Signatory

**CITADEL HOLDINGS II LP**

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

**CITADEL ADVISORS LLC**

By: Citadel Holdings II LP,  
its Managing Member

By: /s/ Adam C. Cooper  
Adam C. Cooper, Authorized Signatory

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

By: /s/ Adam C. Cooper  
Adam C. Cooper, Authorized Signatory

**CITADEL DERIVATIVES TRADING LTD.**

By: Citadel Advisors LLC,  
its Portfolio Manager

**KENNETH GRIFFIN**

By: /s/ Adam C. Cooper  
Adam C. Cooper, attorney-in-fact\*

By: Citadel Holdings II LP,  
its Managing Member

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

By: /s/ Adam C. Cooper  
Adam C. Cooper, Authorized Signatory

\* Adam C. Cooper is signing on behalf of Kenneth Griffin as attorney-in-fact pursuant to a power of attorney previously filed with the Securities and Exchange Commission on November 19, 2002, and hereby incorporated by reference herein. The power of attorney was filed as an attachment to a filing by Citadel Limited Partnership on Form 3 for Metals USA, Inc.

**CITADEL CONVERTIBLE OPPORTUNITIES LTD.**

By: Citadel Advisors LLC,  
its Portfolio Manager

By: Citadel Holdings II LP,  
its Managing Member

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

By: /s/ Adam C. Cooper  
Adam C. Cooper, Authorized Signatory

**CITADEL SECURITIES LLC**

By: Citadel Holdings I LP,  
its Non-Member Manager

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

By: /s/ Adam C. Cooper  
Adam C. Cooper, Authorized Signatory

**CITADEL GLOBAL EQUITIES MASTER FUND LTD.**

By: Citadel Advisors LLC,  
its Portfolio Manager

By: Citadel Holdings II LP,  
its Managing Member

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

By: /s/ Adam C. Cooper  
Adam C. Cooper, Authorized Signatory