

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

SCHEDULE 13D
(Rule 13d-101)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO § 240.13d-1(a)
AND AMENDMENTS THERE TO FILED PURSUANT TO § 240.13d-2(a)

UNDER THE SECURITIES EXCHANGE ACT OF 1934

(Amendment No. ___)*

HC2 Holdings, Inc.

(Name of Issuer)

Common Stock, par value \$0.001

(Title of Class of Securities)

404139107

(CUSIP Number)

Bryant R. Riley

B. Riley Financial, Inc.

21255 Burbank Boulevard, Suite 400

Woodland Hills, CA 91367

(818) 884-3737

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

December 3, 2018

(Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§ 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box .

Note. Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See § 240.13d-7 for other parties to whom copies are to be sent.

*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).

SCHEDULE 13D

CUSIP No.	404139107
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1	NAMES OF REPORTING PERSONS B. Riley Financial, Inc.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS (<i>See Instructions</i>) WC	
5	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(D) OR 2(E) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 0
	8	SHARED VOTING POWER 4,136,162
	9	SOLE DISPOSITIVE POWER 0
	10	SHARED DISPOSITIVE POWER 4,136,162
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 4,136,162	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (<i>See Instructions</i>) <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 9.24%*	
14	TYPE OF REPORTING PERSON (<i>See Instructions</i>) HC	

* Percent of class is calculated based on 44,774,936 shares of Common Stock outstanding as of October 31, 2018 as reported in the Issuer's Form 10-Q filed on November 6, 2018.

SCHEDULE 13D

CUSIP No.	404139107
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1	NAMES OF REPORTING PERSONS B. Riley FBR, Inc.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS (<i>See Instructions</i>) WC	
5	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(D) OR 2(E) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 0
	8	SHARED VOTING POWER 3,197,255
	9	SOLE DISPOSITIVE POWER 0
	10	SHARED DISPOSITIVE POWER 3,197,255
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 3,197,255	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (<i>See Instructions</i>) <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 7.14%*	
14	TYPE OF REPORTING PERSON (<i>See Instructions</i>) BD	

* Percent of class is calculated based on 44,774,936 shares of Common Stock outstanding as of October 31, 2018 as reported in the Issuer's Form 10-Q filed on November 6, 2018.

SCHEDULE 13D

CUSIP No.	404139107
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1	NAMES OF REPORTING PERSONS B. Riley Wealth Management, Inc.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS (<i>See Instructions</i>) WC	
5	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(D) OR 2(E) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 0
	8	SHARED VOTING POWER 12,416
	9	SOLE DISPOSITIVE POWER 0
	10	SHARED DISPOSITIVE POWER 12,416
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 12,416	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (<i>See Instructions</i>) <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 0.03%*	
14	TYPE OF REPORTING PERSON (<i>See Instructions</i>) BD/IA	

* Percent of class is calculated based on 44,774,936 shares of Common Stock outstanding as of October 31, 2018 as reported in the Issuer's Form 10-Q filed on November 6, 2018.

CUSIP No.	404139107
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1	NAMES OF REPORTING PERSONS B. Riley Capital Management, LLC	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS (<i>See Instructions</i>) WC	
5	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(D) OR 2(E) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 0
	8	SHARED VOTING POWER 926,491
	9	SOLE DISPOSITIVE POWER 0
	10	SHARED DISPOSITIVE POWER 926,491
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 926,491	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (<i>See Instructions</i>) <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 2.07%*	
14	TYPE OF REPORTING PERSON (<i>See Instructions</i>) IA	

* Percent of class is calculated based on 44,774,936 shares of Common Stock outstanding as of October 31, 2018 as reported in the Issuer's Form 10-Q filed on November 6, 2018.

SCHEDULE 13D

CUSIP No.	404139107
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1	NAMES OF REPORTING PERSONS BRC Partners Management GP, LLC	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS (<i>See Instructions</i>) WC	
5	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(D) OR 2(E) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 0
	8	SHARED VOTING POWER 554,683
	9	SOLE DISPOSITIVE POWER 0
	10	SHARED DISPOSITIVE POWER 554,683
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 554,683	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (<i>See Instructions</i>) <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 1.24%*	
14	TYPE OF REPORTING PERSON (<i>See Instructions</i>) OO	

* Percent of class is calculated based on 44,774,936 shares of Common Stock outstanding as of October 31, 2018 as reported in the Issuer's Form 10-Q filed on November 6, 2018.

SCHEDULE 13D

CUSIP No.	404139107
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1	NAMES OF REPORTING PERSONS BRC Partners Opportunities Fund, LP	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS (<i>See Instructions</i>) WC	
5	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(D) OR 2(E) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 0
	8	SHARED VOTING POWER 554,683
	9	SOLE DISPOSITIVE POWER 0
	10	SHARED DISPOSITIVE POWER 554,683
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 554,683	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (<i>See Instructions</i>) <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 1.24%*	
14	TYPE OF REPORTING PERSON (<i>See Instructions</i>) PN	

* Percent of class is calculated based on 44,774,936 shares of Common Stock outstanding as of October 31, 2018 as reported in the Issuer's Form 10-Q filed on November 6, 2018.

SCHEDULE 13D

CUSIP No.	404139107
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1	NAMES OF REPORTING PERSONS BR Dialectic Capital Management, LLC	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS (<i>See Instructions</i>) WC	
5	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(D) OR 2(E) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 0
	8	SHARED VOTING POWER 275,000
	9	SOLE DISPOSITIVE POWER 0
	10	SHARED DISPOSITIVE POWER 275,000
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 275,000	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (<i>See Instructions</i>) <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 0.61%*	
14	TYPE OF REPORTING PERSON (<i>See Instructions</i>) OO	

* Percent of class is calculated based on 44,774,936 shares of Common Stock outstanding as of October 31, 2018 as reported in the Issuer's Form 10-Q filed on November 6, 2018.

SCHEDULE 13D

CUSIP No.	404139107
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1	NAMES OF REPORTING PERSONS Dialectic Antithesis Partners, LP	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS (<i>See Instructions</i>) WC	
5	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(D) OR 2(E) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 0
	8	SHARED VOTING POWER 275,000
	9	SOLE DISPOSITIVE POWER 0
	10	SHARED DISPOSITIVE POWER 275,000
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 275,000	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (<i>See Instructions</i>) <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 0.61%*	
14	TYPE OF REPORTING PERSON (<i>See Instructions</i>) PN	

* Percent of class is calculated based on 44,774,936 shares of Common Stock outstanding as of October 31, 2018 as reported in the Issuer's Form 10-Q filed on November 6, 2018.

SCHEDULE 13D

CUSIP No.	404139107
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1	NAMES OF REPORTING PERSONS B. Riley Diversified Equity Fund	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS (See Instructions) WC	
5	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(D) OR 2(E) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 0
	8	SHARED VOTING POWER 90,408
	9	SOLE DISPOSITIVE POWER 0
	10	SHARED DISPOSITIVE POWER 90,408
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 90,408	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See Instructions) <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 0.20%*	
14	TYPE OF REPORTING PERSON (See Instructions) OO	

* Percent of class is calculated based on 44,774,936 shares of Common Stock outstanding as of October 31, 2018 as reported in the Issuer's Form 10-Q filed on November 6, 2018.

Item 1. Security and Issuer.

The securities to which this statement on Schedule 13D (this “Statement”) relates are the common stock, \$0.001 par value per share (the “Common Stock”), of HC2 Holdings, Inc., a Delaware corporation (the “Issuer”). The address of the principal executive offices of the Issuer is 450 Park Avenue, 30th Floor, New York, NY 10022.

Item 2. Identity and Background.

This Schedule 13D is being filed by the following persons (each, a “Reporting Person” and collectively, the “Reporting Persons”):

- (1) B. Riley Financial, Inc. (“BRF”) is a Delaware corporation with a principal place of business located at 21255 Burbank Boulevard, Suite 400, Woodland Hills, California 91367. The principal business of BRF is serving as a holding company.
- (2) B. Riley FBR, Inc. (“BRFBR”) is a Delaware corporation with a principal place of business located at 11100 Santa Monica Blvd., Suite 800, Los Angeles, California 90025. The principal business of BRFBR is serving as a broker dealer.
- (3) B. Riley Wealth Management, Inc. (“BRWM”) is a Delaware corporation with a principal place of business located at 11100 Santa Monica Blvd., Suite 800, Los Angeles, California 90025. The principal business of BRFBR is serving as a broker dealer and investment adviser.
- (4) BRC Partners Opportunity Fund, L.P. (“BRPLP”) is a Delaware limited partnership with a principal place of business located at 11100 Santa Monica Blvd., Suite 800, Los Angeles, California 90025. The principal business of BRPLP is investing in securities.
- (5) B. Riley Capital Management, LLC (“BRCM”) is a New York limited liability company with a principal place of business located at 11100 Santa Monica Blvd., Suite 800, Los Angeles, California 90025. The principal business of BRCM is acting as a registered investment advisor to various clients, including BRPLP, Dialectic and BRDEF.
- (6) BRC Partners Management GP, LLC (“BRPGP”) is a Delaware limited liability company with a principal place of business located at 11100 Santa Monica Blvd., Suite 800, Los Angeles, California 90025. The principal business of BRPGP is serving as a general partner of BRPLP.
- (7) Dialectic Antithesis Partners, LP (“Dialectic”) is a Delaware limited partnership with a principal place of business located at 119 Rowayton Avenue, 2nd Floor, Norwalk, Connecticut 06853. The principal business of Dialectic is investing in securities.
- (8) BR Dialectic Capital Management, LLC (“BR Dialectic”) is a Delaware limited liability company with a principal place of business located at 119 Rowayton Avenue, 2nd Floor, Norwalk, Connecticut 06853. The principal business of BR Dialectic is serving as a general partner of hedge funds and acting as an exempt reporting advisor to various clients, including Dialectic.
- (9) B. Riley Diversified Equity Fund (“BRDEF”) is a series of World Funds Trust, an open-end registered investment company that is organized as a Delaware statutory trust with a principal place of business located at 8730 Stony Point Parkway, Suite 205, Richmond Virginia 23235. The principal business of BRDEF is operating as a pooled investment vehicle that primarily invests in securities.

Set forth on Schedule A annexed hereto ("Schedule A") is the name and present principal business, occupation or employment and the name, principal business and address of any corporation or other organization in which such employment is conducted, and the citizenship of the executive officers and directors of BRF. To the best of BRF's knowledge, none of the persons listed on Schedule A beneficially owns any securities of the Issuer or is a party to any contract, agreement, or understanding required to be disclosed herein.

During the last five years, none of the Reporting Persons nor any person listed on Schedule A have been: (i) convicted in a criminal proceeding (excluding traffic violations or similar misdemeanors); or (ii) a party to a civil proceeding of a judicial or administrative body of competent jurisdiction and as a result of such proceeding was or is subject to a judgment, decree or final order enjoining future violations of, or prohibiting or mandating activities subject to, federal or state securities laws or finding any violation with respect to such laws.

Item 3. Source and Amount of Funds or Other Considerations

All of the shares of Common Stock to which this Statement relates were purchased on behalf of the Reporting Persons using the investment capital of the respective Reporting Persons. The aggregate purchase price of the 4,136,162 shares of Common Stock (the "Shares") was approximately \$17,775,921. (excluding commissions).

From time to time, BRFB, BRPLP and Dialectic may effect purchases of securities through margin accounts, and may be extended margin credit as and when required to open or carry positions in the margin accounts, subject to applicable federal margin regulations and stock exchange rules. In such instances, the positions held in the margin accounts are pledged as collateral security for the repayment of debit balances in the accounts.

Item 4. Purpose of Transaction

The Reporting Persons originally purchased the Shares for investment purposes, and such purchases were made in the ordinary course of business of the Reporting Persons. However, the Reporting Persons have concluded that a more proactive approach is now warranted and intends to evaluate all options to enhance shareholder value.

The Reporting Persons may further purchase, hold, vote, trade, dispose or otherwise deal in the Common Stock at times, and in such manner, as they deem advisable to benefit from, among other things, (1) changes in the market prices of the shares of Common Stock; (2) changes in the Issuer's operations, business strategy or prospects; or (3) from strategic transactions involving the Issuer. To evaluate such alternatives, the Reporting Persons will closely monitor the Issuer's operations, prospects, business development, management, competitive and strategic matters, capital structure, and prevailing market conditions, as well as other economic, securities markets and investment considerations. Consistent with their investment research methods and evaluation criteria, the Reporting Persons may discuss such matters with the management or Board of Directors of the Issuer (the "Board"), other stockholders, industry analysts, existing or potential strategic partners or competitors, investment and financing professionals, sources of credit, and other investors. Such evaluations and discussions may materially affect, and result in, among other things, the Reporting Persons (1) modifying their ownership of the Common Stock; (2) exchanging information with the Issuer pursuant to appropriate confidentiality or similar agreements; (3) proposing changes in the Issuer's operations, governance or capitalization; (4) pursuing a transaction that would result in the Reporting Persons' acquisition of all or a controlling interest in the Issuer; or (5) pursuing one or more of the other actions described in subsections (a) through (j) of Item 4 of Schedule 13D.

In addition to the information disclosed in this Statement, the Reporting Persons reserve the right to (1) formulate other plans and proposals; (2) take any actions with respect to their investment in the Issuer, including any or all of the actions set forth in subsections (a) through (j) of Item 4 of Schedule 13D; and (3) acquire additional shares of Common Stock or dispose of some or all of the shares of Common Stock beneficially owned by them, in each case in the open market, through privately negotiated transactions or otherwise. The Reporting Persons may at any time reconsider and change their plans or proposals relating to the foregoing.

Item 5. Interest in Securities of the Issuer

The percent of class in this Item 5 is calculated based on 44,774,936 shares of Common Stock outstanding as of October 31, 2018 as reported in the Issuer's Form 10-Q filed on November 6, 2018.

Each of the Reporting Persons, as a member of a "group" with the other Reporting Persons for purposes of Rule 13d-5(b)(1) of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), may be deemed to beneficially own the securities of the Issuer owned by the other Reporting Persons. The filing of this Schedule 13D shall not be deemed an admission that the Reporting Persons are, for purposes of Section 13(d) of the Exchange Act, the beneficial owners of any securities of the Issuer it does not directly own. Each of the Reporting Persons specifically disclaims beneficial ownership of the securities reported herein that it does not directly own.

- (a) As of the date hereof, BRPLP beneficially owns directly 554,683 shares of Common Stock representing 1.24% of the Issuer's Common Stock, Dialectic beneficially owns directly 275,000 shares of Common Stock, representing 0.61% of the Issuer's Common Stock, BRDEF beneficially owns directly 90,408 shares of the Issuer's Common Stock, representing 0.20% of the Issuer's Common Stock, BRWM beneficially owns directly 12,416 shares of the Issuer's Common Stock, representing 0.03% of the Issuer's Common Stock, and BRFBR beneficially owned directly 3,197,255 shares of Common Stock, representing 7.14% of the Issuer's Common Stock. In addition, BRCM acts as investment adviser for managed accounts which directly own an additional 6,400 shares of the Issuer's Common Stock, representing 0.01% of the Issuer's Common Stock, and BRCM indirectly beneficially owns these shares.
- (b) BRPGP is the general partner of BRPLP, BRCM is an investment advisor to BRPLP and BRF is the parent company of BRCM. As a result, BRPGP, BRCM and BRF may be deemed to indirectly beneficially own the Shares held by BRPLP.

BR Dialectic is the general partner of and an investment advisor to Dialectic, BR Dialectic is a wholly-owned subsidiary of BRCM, and BRF is the parent company of BRCM. As a result, BR Dialectic, BRCM and BRF may be deemed to indirectly beneficially own the Shares held by Dialectic.

BRCM is an investment advisor to BRDEF and BRF is the parent company of BRCM. As a result, BRCM and BRF may be deemed to indirectly beneficially own the Shares held by BRDEF.

BRF is the parent company of BRFBR and BRWM. As a result, BRF may be deemed to indirectly beneficially own the Shares held by BRFBR and BRWM.

As of the date hereof, each of BRPLP, BRPGP, BRCM and BRF have shared power to vote or direct the vote of, and to dispose or direct the disposition of, the Shares beneficially owned directly by BRPLP.

As of the date hereof, each of Dialectic, BR Dialectic, BRCM and BRF have shared power to vote or direct the vote of, and to dispose or direct the disposition of, the Shares beneficially owned directly by Dialectic.

As of the date hereof, each of BRDEF, BRCM and BRF have shared power to vote or direct the vote of, and to dispose or direct the disposition of, the Shares beneficially owned directly by BRDEF.

As of the date hereof, each of BRFBR and BRF have shared power to vote or direct the vote of, and to dispose or direct the disposition of, the Shares beneficially owned directly by BRFBR.

As of the date hereof, each of BRWM and BRF have shared power to vote or direct the vote of, and to dispose or direct the disposition of, the Shares beneficially owned directly by BRWM.

As of the date hereof, BRF and BRCM have shared power to vote or direct the vote of, and shared power to dispose or direct the disposition of, the Shares beneficially owned by BRCM.

- (c) The Reporting Persons' transactions within the past 60 days are set forth on Schedule B.
- (d) Except as described herein, no other person has the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, the Shares held by the Reporting Persons.
- (e) Not applicable.

Item 6. Contracts, Arrangements, Understandings or Relationships with Respect to Securities of the Issuer

None.

Item 7. Material to Be Filed as Exhibits

The following documents are filed as exhibits:

<u>Exhibit Number</u>	<u>Description</u>
<u>1</u>	<u>Joint Filing Agreement, dated December 13, 2018, by and among B. Riley Financial, Inc., B. Riley FBR, Inc., B. Riley Wealth Management, Inc., B. Riley Capital Management, LLC, BRC Partners Opportunity Fund, L.P., BRC Partners Management GP, LLC, Dialectic Antithesis Partners, LP, BR Dialectic Capital Management, LLC, and B. Riley Diversified Equity Fund.</u>

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: December 13, 2018

B. RILEY FINANCIAL, INC.

By: /s/ Bryant R. Riley
Name: Bryant R. Riley
Title: Co-Chief Executive Officer

B. RILEY FBR, INC.

By: /s/ Andrew Moore
Name: Andrew Moore
Title: Chief Executive Officer

B. RILEY WEALTH MANAGEMENT, INC.

By: /s/ Bryant Riley
Name: Bryant Riley
Title: Chief Executive Officer

BRC PARTNERS OPPORTUNITY FUND, L.P.

By: /s/ Bryant R. Riley
Name: Bryant R. Riley
Title: Chief Investment Officer

BRC PARTNERS MANAGEMENT GP, LLC

By: B. Riley Capital Management, LLC, its sole member

By: /s/ Bryant R. Riley
Name: Bryant R. Riley
Title: Chief Executive Officer

B. RILEY CAPITAL MANAGEMENT, LLC

By: /s/ Bryant R. Riley
Name: Bryant R. Riley
Title: Chief Executive Officer

DIALECTIC ANTITHESIS PARTNERS, LP

By: /s/ John Fichthorn
Name: John Fichthorn
Title: Chief Investment Officer

BR DIALECTIC CAPITAL MANAGEMENT, LLC

By: B. Riley Capital Management, LLC, its sole member

By: /s/ Bryant R. Riley
Name: Bryant R. Riley
Title: Chief Executive Officer

B. RILEY DIVERSIFIED EQUITY FUND

By: /s/ Bryant Riley
Name: Bryant Riley
Title: Authorized Signer

The original statement shall be signed by each person on whose behalf the statement is filed or his authorized representative. If the statement is signed on behalf of a person by his authorized representative (other than an executive officer or general partner of this filing person), evidence of the representative's authority to sign on behalf of such person shall be filed with the statement, provided, however, that a power of attorney for this purpose which is already on file with the Commission may be incorporated by reference. The name and any title of each person who signs the statement shall be typed or printed beneath his signature.

Attention: Intentional misstatements or omissions of fact constitute Federal criminal violations (see 18 U.S.C. 1001).

SCHEDULE A

Executive Officers and Directors of B. Riley Financial, Inc.

<u>Name and Position</u>	<u>Present Principal Occupation</u>	<u>Business Address</u>	<u>Citizenship</u>
Bryant R. Riley, Chairman and Co-Chief Executive Officer	Co-Portfolio Manager of BRC Partners Opportunity Fund, LP, Chief Executive Officer of BRC Partners Management GP, LLC, Chief Executive Officer of B. Riley Capital Management, LLC, Executive Officer of B. Riley FBR, Inc. and Co-Chief Executive Officer of B. Riley Financial, Inc.	11100 Santa Monica Blvd. Suite 800 Los Angeles, CA 90025	United States
Thomas J. Kelleher, Co-Chief Executive Officer and Director	Co-Chief Executive Officer of B. Riley Financial, Inc. and Executive Officer of B. Riley FBR, Inc.	11100 Santa Monica Blvd. Suite 800 Los Angeles, CA 90025	United States
Andrew Gumaer, Chief Executive Officer of Great American Group, LLC and Director	Chief Executive Officer of Great American Group, LLC, a subsidiary of B. Riley Financial, Inc.	21255 Burbank Blvd. Suite 400 Woodland Hills, CA 91367	United States
Robert D'Agostino, Director	President of Q-mation, Inc., a supplier of software solutions	21255 Burbank Blvd. Suite 400 Woodland Hills, CA 91367	United States
Mikel Williams, Director	CEO & Director of privately held Targus International, LLC, supplier of carrying cases and accessories	21255 Burbank Blvd. Suite 400 Woodland Hills, CA 91367	United States
Todd D. Sims, Director	SVP of Digital Strategy, Anschutz Entertainment Group, Inc., a sports and entertainment company	21255 Burbank Blvd. Suite 400 Woodland Hills, CA 91367	United States

<u>Name and Position</u>	<u>Present Principal Occupation</u>	<u>Business Address</u>	<u>Citizenship</u>
Robert L Antin, Director	Co-Founder, VCA, Inc., an owner and operator of Veterinary care centers & hospitals	21255 Burbank Blvd. Suite 400 Woodland Hills, CA 91367	United States
Michael J. Sheldon, Director	Chairman & CEO of Deutsch North America, a creative agency	21255 Burbank Blvd. Suite 400 Woodland Hills, CA 91367	United States
Kenny Young, President	President of B. Riley Financial, Inc.	21255 Burbank Blvd. Suite 400 Woodland Hills, CA 91367	United States
Phillip J. Ahn, Chief Financial Officer and Chief Operating Officer	Chief Financial Officer and Chief Operating Officer of B. Riley Financial, Inc.	21255 Burbank Blvd. Suite 400 Woodland Hills, CA 91367	United States
Alan N. Forman, Executive Vice President, General Counsel and Secretary	Executive Vice President, General Counsel and Secretary of B. Riley Financial, Inc.	299 Park Avenue, 7th Floor New York, NY 10171	United States
Howard E. Weitzman, Senior Vice President & Chief Accounting Officer	Senior Vice President & Chief Accounting Officer of B. Riley Financial, Inc.	21255 Burbank Blvd. Suite 400 Woodland Hills, CA 91367	United States

SCHEDULE B

Transactions within the past 60 Days

See attached.

SCHEDULE B

Trade Date	BUY/SELL	Notional Quantity	Trade Price	LE Name
10/12/2018	Buy	1,200	\$ 5.5998	DIALECTIC ANTITHESIS PARTNERS LP
10/15/2018	Buy	13,800	\$ 5.5061	DIALECTIC ANTITHESIS PARTNERS LP
10/18/2018	Buy	100	\$ 5.3200	B. RILEY FBR INC.
10/18/2018	Buy	5,000	\$ 5.3250	B. RILEY FBR INC.
10/18/2018	Buy	100	\$ 5.3250	B. RILEY FBR INC.
10/18/2018	Buy	100	\$ 5.3250	B. RILEY FBR INC.
10/18/2018	Buy	100	\$ 5.3250	B. RILEY FBR INC.
10/18/2018	Buy	100	\$ 5.3250	B. RILEY FBR INC.
10/18/2018	Buy	100	\$ 5.3250	B. RILEY FBR INC.
10/18/2018	Buy	100	\$ 5.3300	B. RILEY FBR INC.
10/18/2018	Buy	100	\$ 5.3300	B. RILEY FBR INC.
10/18/2018	Buy	100	\$ 5.3300	B. RILEY FBR INC.
10/18/2018	Buy	100	\$ 5.3300	B. RILEY FBR INC.
10/18/2018	Buy	100	\$ 5.3300	B. RILEY FBR INC.
10/18/2018	Buy	100	\$ 5.3250	B. RILEY FBR INC.
10/18/2018	Buy	100	\$ 5.3250	B. RILEY FBR INC.
10/18/2018	Buy	100	\$ 5.3250	B. RILEY FBR INC.
10/18/2018	Buy	300	\$ 5.3250	B. RILEY FBR INC.
10/18/2018	Buy	100	\$ 5.3250	B. RILEY FBR INC.
10/18/2018	Buy	100	\$ 5.3300	B. RILEY FBR INC.
10/18/2018	Buy	100	\$ 5.3300	B. RILEY FBR INC.
10/18/2018	Buy	100	\$ 5.3300	B. RILEY FBR INC.
10/18/2018	Buy	100	\$ 5.3300	B. RILEY FBR INC.
10/18/2018	Buy	100	\$ 5.3300	B. RILEY FBR INC.
10/18/2018	Buy	200	\$ 5.3300	B. RILEY FBR INC.
10/18/2018	Buy	100	\$ 5.3300	B. RILEY FBR INC.
10/18/2018	Buy	140	\$ 5.3250	B. RILEY FBR INC.
10/18/2018	Buy	100	\$ 5.3250	B. RILEY FBR INC.
10/18/2018	Buy	100	\$ 5.3300	B. RILEY FBR INC.
10/18/2018	Buy	100	\$ 5.3250	B. RILEY FBR INC.
10/18/2018	Buy	100	\$ 5.3250	B. RILEY FBR INC.
10/18/2018	Buy	100	\$ 5.3250	B. RILEY FBR INC.
10/18/2018	Buy	100	\$ 5.3250	B. RILEY FBR INC.
10/18/2018	Buy	200	\$ 5.3300	B. RILEY FBR INC.
10/19/2018	Buy	10,000	\$ 5.3856	BRC PARTNERS OPPORTUNITY FUND, LP
10/19/2018	Buy	100	\$ 5.3300	B. RILEY FBR INC.
10/19/2018	Buy	100	\$ 5.3300	B. RILEY FBR INC.
10/19/2018	Buy	100	\$ 5.3300	B. RILEY FBR INC.
10/19/2018	Buy	100	\$ 5.3300	B. RILEY FBR INC.
10/19/2018	Buy	100	\$ 5.3300	B. RILEY FBR INC.
10/19/2018	Buy	100	\$ 5.3300	B. RILEY FBR INC.
10/19/2018	Buy	100	\$ 5.3300	B. RILEY FBR INC.
10/19/2018	Buy	100	\$ 5.3300	B. RILEY FBR INC.
10/19/2018	Buy	4,837	\$ 5.3300	B. RILEY FBR INC.
10/19/2018	Buy	40	\$ 5.3300	B. RILEY FBR INC.
10/19/2018	Buy	60	\$ 5.3300	B. RILEY FBR INC.
10/19/2018	Buy	100	\$ 5.3300	B. RILEY FBR INC.
10/19/2018	Buy	300	\$ 5.3300	B. RILEY FBR INC.
10/19/2018	Buy	100	\$ 5.3300	B. RILEY FBR INC.
10/19/2018	Buy	1	\$ 5.3200	B. RILEY FBR INC.
10/19/2018	Buy	14	\$ 5.3200	B. RILEY FBR INC.
10/19/2018	Buy	100	\$ 5.3200	B. RILEY FBR INC.
10/19/2018	Buy	1,685	\$ 5.3300	B. RILEY FBR INC.

10/19/2018	Buy	90	\$ 5.3300	B. RILEY FBR INC.
10/19/2018	Buy	1,958	\$ 5.3300	B. RILEY FBR INC.
10/19/2018	Buy	200	\$ 5.3300	B. RILEY FBR INC.
10/19/2018	Buy	100	\$ 5.3300	B. RILEY FBR INC.
10/19/2018	Buy	100	\$ 5.3300	B. RILEY FBR INC.
10/19/2018	Buy	1	\$ 5.3300	B. RILEY FBR INC.
10/19/2018	Buy	100	\$ 5.3400	B. RILEY FBR INC.
10/19/2018	Buy	100	\$ 5.3400	B. RILEY FBR INC.
10/19/2018	Buy	100	\$ 5.3400	B. RILEY FBR INC.
10/19/2018	Buy	100	\$ 5.3400	B. RILEY FBR INC.
10/19/2018	Buy	100	\$ 5.3400	B. RILEY FBR INC.
10/19/2018	Buy	100	\$ 5.3400	B. RILEY FBR INC.
10/19/2018	Buy	100	\$ 5.3400	B. RILEY FBR INC.
10/19/2018	Buy	100	\$ 5.3450	B. RILEY FBR INC.
10/19/2018	Buy	100	\$ 5.3475	B. RILEY FBR INC.
10/19/2018	Buy	200	\$ 5.3475	B. RILEY FBR INC.
10/19/2018	Buy	300	\$ 5.3500	B. RILEY FBR INC.
10/19/2018	Buy	200	\$ 5.3500	B. RILEY FBR INC.
10/19/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/19/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/19/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/19/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/19/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/19/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/19/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/19/2018	Buy	200	\$ 5.3500	B. RILEY FBR INC.
10/19/2018	Buy	300	\$ 5.3500	B. RILEY FBR INC.
10/19/2018	Buy	454	\$ 5.3500	B. RILEY FBR INC.
10/19/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/19/2018	Buy	1	\$ 5.3200	B. RILEY FBR INC.
10/19/2018	Buy	100	\$ 5.3200	B. RILEY FBR INC.
10/19/2018	Buy	100	\$ 5.3300	B. RILEY FBR INC.
10/19/2018	Buy	5	\$ 5.3300	B. RILEY FBR INC.
10/19/2018	Buy	100	\$ 5.3300	B. RILEY FBR INC.
10/19/2018	Buy	100	\$ 5.3300	B. RILEY FBR INC.
10/22/2018	Buy	5,690	\$ 5.6000	DIALECTIC ANTITHESIS PARTNERS LP
10/22/2018	Buy	8,000	\$ 5.5947	DIALECTIC ANTITHESIS PARTNERS LP
10/22/2018	Buy	100	\$ 5.4800	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.4850	B. RILEY FBR INC.
10/22/2018	Buy	300	\$ 5.5750	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.4900	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5000	B. RILEY FBR INC.
10/22/2018	Buy	177	\$ 5.4800	B. RILEY FBR INC.
10/22/2018	Buy	200	\$ 5.4600	B. RILEY FBR INC.
10/22/2018	Buy	7	\$ 5.4650	B. RILEY FBR INC.
10/22/2018	Buy	30	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	200	\$ 5.6100	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6100	B. RILEY FBR INC.
10/22/2018	Sell	(200)	\$ 5.5750	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5000	B. RILEY FBR INC.

10/22/2018	Buy	2	\$ 5.4900	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.4950	B. RILEY FBR INC.
10/22/2018	Buy	300	\$ 5.5000	B. RILEY FBR INC.
10/22/2018	Buy	200	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	400	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Sell	(40)	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.4900	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	500	\$ 5.6100	B. RILEY FBR INC.
10/22/2018	Sell	(100)	\$ 5.5850	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5000	B. RILEY FBR INC.
10/22/2018	Buy	200	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	300	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6500	B. RILEY FBR INC.
10/22/2018	Sell	(50)	\$ 5.5800	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.4900	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5000	B. RILEY FBR INC.
10/22/2018	Buy	200	\$ 5.5400	B. RILEY FBR INC.
10/22/2018	Buy	300	\$ 5.6500	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6500	B. RILEY FBR INC.
10/22/2018	Sell	(50)	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.4900	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	300	\$ 5.6050	B. RILEY FBR INC.
10/22/2018	Buy	10	\$ 5.6100	B. RILEY FBR INC.
10/22/2018	Sell	(100)	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	1,200	\$ 5.5000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6100	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6500	B. RILEY FBR INC.
10/22/2018	Buy	9	\$ 5.4900	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.4900	B. RILEY FBR INC.
10/22/2018	Buy	200	\$ 5.5500	B. RILEY FBR INC.
10/22/2018	Buy	168	\$ 5.5500	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5600	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	191	\$ 5.4900	B. RILEY FBR INC.
10/22/2018	Buy	700	\$ 5.6100	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6500	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.4950	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5000	B. RILEY FBR INC.
10/22/2018	Sell	(50)	\$ 5.5800	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	300	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6500	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.4800	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5800	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6100	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6500	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5000	B. RILEY FBR INC.

10/22/2018	Buy	100	\$ 5.5000	B. RILEY FBR INC.
10/22/2018	Buy	300	\$ 5.6050	B. RILEY FBR INC.
10/22/2018	Buy	400	\$ 5.6100	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6150	B. RILEY FBR INC.
10/22/2018	Buy	300	\$ 5.6500	B. RILEY FBR INC.
10/22/2018	Sell	(100)	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.4900	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5700	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6100	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6500	B. RILEY FBR INC.
10/22/2018	Buy	46	\$ 5.4800	B. RILEY FBR INC.
10/22/2018	Buy	10	\$ 5.5500	B. RILEY FBR INC.
10/22/2018	Buy	60	\$ 5.4850	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.4900	B. RILEY FBR INC.
10/22/2018	Buy	200	\$ 5.5500	B. RILEY FBR INC.
10/22/2018	Buy	200	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6500	B. RILEY FBR INC.
10/22/2018	Buy	200	\$ 5.4800	B. RILEY FBR INC.
10/22/2018	Buy	200	\$ 5.5500	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5500	B. RILEY FBR INC.
10/22/2018	Buy	1,000	\$ 5.6075	B. RILEY FBR INC.
10/22/2018	Buy	300	\$ 5.6500	B. RILEY FBR INC.
10/22/2018	Sell	(150)	\$ 5.5850	B. RILEY FBR INC.
10/22/2018	Sell	(700)	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.4850	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5000	B. RILEY FBR INC.
10/22/2018	Buy	300	\$ 5.5750	B. RILEY FBR INC.
10/22/2018	Buy	500	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	1,400	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5000	B. RILEY FBR INC.
10/22/2018	Sell	(250)	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Sell	(210)	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6500	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.4950	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5000	B. RILEY FBR INC.
10/22/2018	Buy	400	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	400	\$ 5.6100	B. RILEY FBR INC.
10/22/2018	Buy	1,100	\$ 5.6500	B. RILEY FBR INC.
10/22/2018	Sell	(5)	\$ 5.5900	B. RILEY FBR INC.
10/22/2018	Buy	23	\$ 5.4800	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.4800	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.4900	B. RILEY FBR INC.
10/22/2018	Buy	900	\$ 5.5000	B. RILEY FBR INC.
10/22/2018	Buy	1,200	\$ 5.6450	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.4700	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5500	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6500	B. RILEY FBR INC.

10/22/2018	Buy	100	\$ 5.6500	B. RILEY FBR INC.
10/22/2018	Sell	(100)	\$ 5.5800	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6500	B. RILEY FBR INC.
10/22/2018	Buy	900	\$ 5.6500	B. RILEY FBR INC.
10/22/2018	Sell	(100)	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.4600	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.4650	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5500	B. RILEY FBR INC.
10/22/2018	Buy	800	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6500	B. RILEY FBR INC.
10/22/2018	Sell	(50)	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5500	B. RILEY FBR INC.
10/22/2018	Buy	200	\$ 5.6200	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5000	B. RILEY FBR INC.
10/22/2018	Buy	10	\$ 5.5900	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	300	\$ 5.6500	B. RILEY FBR INC.
10/22/2018	Buy	700	\$ 5.6500	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5600	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5800	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6500	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5000	B. RILEY FBR INC.
10/22/2018	Buy	500	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.4900	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	20	\$ 5.6500	B. RILEY FBR INC.
10/22/2018	Sell	(148)	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	40	\$ 5.4850	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5600	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6100	B. RILEY FBR INC.
10/22/2018	Buy	800	\$ 5.6500	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6500	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	500	\$ 5.6100	B. RILEY FBR INC.
10/22/2018	Buy	400	\$ 5.6100	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6150	B. RILEY FBR INC.
10/22/2018	Buy	7	\$ 5.4600	B. RILEY FBR INC.
10/22/2018	Buy	1,900	\$ 5.5000	B. RILEY FBR INC.
10/22/2018	Buy	200	\$ 5.5000	B. RILEY FBR INC.
10/22/2018	Buy	89	\$ 5.6500	B. RILEY FBR INC.
10/22/2018	Sell	(49)	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.4900	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.4900	B. RILEY FBR INC.
10/22/2018	Buy	209	\$ 5.4900	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5000	B. RILEY FBR INC.
10/22/2018	Buy	300	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6450	B. RILEY FBR INC.
10/22/2018	Sell	(100)	\$ 5.6000	B. RILEY FBR INC.

10/22/2018	Buy	44	\$ 5.4800	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5900	B. RILEY FBR INC.
10/22/2018	Buy	300	\$ 5.6100	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6500	B. RILEY FBR INC.
10/22/2018	Buy	200	\$ 5.6500	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6500	B. RILEY FBR INC.
10/22/2018	Buy	1,200	\$ 5.6500	B. RILEY FBR INC.
10/22/2018	Sell	(150)	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.4800	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5800	B. RILEY FBR INC.
10/22/2018	Buy	700	\$ 5.6100	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5500	B. RILEY FBR INC.
10/22/2018	Buy	47	\$ 5.6500	B. RILEY FBR INC.
10/22/2018	Buy	6	\$ 5.4650	B. RILEY FBR INC.
10/22/2018	Buy	1,200	\$ 5.5000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5500	B. RILEY FBR INC.
10/22/2018	Buy	168	\$ 5.5500	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6500	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.4950	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.4950	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5000	B. RILEY FBR INC.
10/22/2018	Buy	9	\$ 5.5000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5500	B. RILEY FBR INC.
10/22/2018	Buy	200	\$ 5.5950	B. RILEY FBR INC.
10/22/2018	Buy	700	\$ 5.6500	B. RILEY FBR INC.
10/22/2018	Buy	30	\$ 5.4600	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.4800	B. RILEY FBR INC.
10/22/2018	Buy	600	\$ 5.5500	B. RILEY FBR INC.
10/22/2018	Buy	80	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6100	B. RILEY FBR INC.
10/22/2018	Buy	297	\$ 5.4800	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.4900	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6000	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.6100	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.4800	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5500	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.5700	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.4600	B. RILEY FBR INC.
10/22/2018	Buy	7	\$ 5.4600	B. RILEY FBR INC.
10/22/2018	Buy	30	\$ 5.4600	B. RILEY FBR INC.
10/22/2018	Buy	156	\$ 5.4600	B. RILEY FBR INC.
10/22/2018	Buy	14	\$ 5.4650	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.4700	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.4700	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.4700	B. RILEY FBR INC.
10/22/2018	Buy	100	\$ 5.4800	B. RILEY FBR INC.

10/24/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/24/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/24/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/24/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/24/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/24/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/24/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/24/2018	Buy	6	\$ 5.3500	B. RILEY FBR INC.
10/24/2018	Buy	1	\$ 5.3500	B. RILEY FBR INC.
10/24/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/24/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/24/2018	Buy	2	\$ 5.3500	B. RILEY FBR INC.
10/24/2018	Buy	198	\$ 5.3500	B. RILEY FBR INC.
10/24/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/24/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/24/2018	Buy	7	\$ 5.3500	B. RILEY FBR INC.
10/24/2018	Buy	7	\$ 5.3500	B. RILEY FBR INC.
10/24/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/24/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/24/2018	Buy	12	\$ 5.3500	B. RILEY FBR INC.
10/24/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/24/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/24/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/24/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/24/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/24/2018	Buy	93	\$ 5.3500	B. RILEY FBR INC.
10/24/2018	Sell	(200)	\$ 5.4700	B. Riley Capital Management, LLC
10/25/2018	Buy	5,000	\$ 5.2992	DIALECTIC ANTITHESIS PARTNERS LP
10/25/2018	Buy	100	\$ 5.3000	B. RILEY FBR INC.
10/25/2018	Buy	9,100	\$ 5.3000	B. RILEY FBR INC.
10/25/2018	Buy	100	\$ 5.3000	B. RILEY FBR INC.
10/25/2018	Buy	100	\$ 5.3000	B. RILEY FBR INC.
10/25/2018	Buy	100	\$ 5.3000	B. RILEY FBR INC.
10/25/2018	Buy	100	\$ 5.3000	B. RILEY FBR INC.
10/25/2018	Buy	700	\$ 5.3000	B. RILEY FBR INC.
10/25/2018	Buy	200	\$ 5.3150	B. RILEY FBR INC.
10/25/2018	Buy	100	\$ 5.3150	B. RILEY FBR INC.
10/25/2018	Buy	160	\$ 5.3150	B. RILEY FBR INC.
10/25/2018	Buy	300	\$ 5.3175	B. RILEY FBR INC.
10/25/2018	Buy	100	\$ 5.3175	B. RILEY FBR INC.
10/25/2018	Buy	100	\$ 5.3200	B. RILEY FBR INC.
10/25/2018	Buy	300	\$ 5.3200	B. RILEY FBR INC.
10/25/2018	Buy	10	\$ 5.3200	B. RILEY FBR INC.
10/25/2018	Buy	100	\$ 5.3200	B. RILEY FBR INC.
10/25/2018	Buy	100	\$ 5.3300	B. RILEY FBR INC.
10/25/2018	Buy	61	\$ 5.3300	B. RILEY FBR INC.
10/25/2018	Buy	40	\$ 5.3300	B. RILEY FBR INC.
10/25/2018	Buy	100	\$ 5.3300	B. RILEY FBR INC.
10/25/2018	Buy	60	\$ 5.3300	B. RILEY FBR INC.
10/25/2018	Buy	100	\$ 5.3300	B. RILEY FBR INC.
10/25/2018	Buy	100	\$ 5.3300	B. RILEY FBR INC.

10/25/2018	Buy	100	\$ 5.3200	B. RILEY FBR INC.
10/25/2018	Buy	106	\$ 5.3500	B. RILEY FBR INC.
10/25/2018	Buy	435	\$ 5.3000	B. RILEY FBR INC.
10/25/2018	Buy	100	\$ 5.3400	B. RILEY FBR INC.
10/25/2018	Buy	100	\$ 5.3300	B. RILEY FBR INC.
10/25/2018	Buy	100	\$ 5.3300	B. RILEY FBR INC.
10/25/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/25/2018	Buy	200	\$ 5.3100	B. RILEY FBR INC.
10/25/2018	Buy	196	\$ 5.3500	B. RILEY FBR INC.
10/25/2018	Buy	100	\$ 5.3200	B. RILEY FBR INC.
10/25/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/25/2018	Buy	200	\$ 5.3175	B. RILEY FBR INC.
10/25/2018	Buy	100	\$ 5.3450	B. RILEY FBR INC.
10/25/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/25/2018	Buy	100	\$ 5.3000	B. RILEY FBR INC.
10/25/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/25/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/25/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/25/2018	Buy	200	\$ 5.3500	B. RILEY FBR INC.
10/25/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/25/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/25/2018	Buy	100	\$ 5.3500	B. RILEY FBR INC.
10/25/2018	Buy	178	\$ 5.3500	B. RILEY FBR INC.
10/25/2018	Buy	100	\$ 5.3400	B. RILEY FBR INC.
10/25/2018	Buy	300	\$ 5.3160	B. RILEY FBR INC.
10/25/2018	Buy	200	\$ 5.3200	B. RILEY FBR INC.
10/25/2018	Buy	264	\$ 5.3500	B. RILEY FBR INC.
11/1/2018	Sell	(4,700)	\$ 5.2426	B. RILEY DIVERSIFIED EQUITY FUND
11/12/2018	Sell	(4,892)	\$ 5.0676	B. RILEY DIVERSIFIED EQUITY FUND
11/13/2018	Buy	1,100	\$ 3.4750	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5050	B. RILEY FBR INC.
11/13/2018	Buy	600	\$ 3.5075	B. RILEY FBR INC.
11/13/2018	Buy	1,100	\$ 3.5100	B. RILEY FBR INC.
11/13/2018	Buy	300	\$ 3.5100	B. RILEY FBR INC.
11/13/2018	Buy	700	\$ 3.5100	B. RILEY FBR INC.
11/13/2018	Buy	600	\$ 3.5100	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5100	B. RILEY FBR INC.
11/13/2018	Buy	32	\$ 3.5100	B. RILEY FBR INC.
11/13/2018	Buy	1,100	\$ 3.4750	B. RILEY FBR INC.
11/13/2018	Buy	1,100	\$ 3.4750	B. RILEY FBR INC.
11/13/2018	Buy	4,400	\$ 3.4750	B. RILEY FBR INC.
11/13/2018	Buy	7,500	\$ 3.4750	B. RILEY FBR INC.
11/13/2018	Buy	2,100	\$ 3.4750	B. RILEY FBR INC.
11/13/2018	Buy	1,300	\$ 3.4750	B. RILEY FBR INC.
11/13/2018	Buy	300	\$ 3.4775	B. RILEY FBR INC.
11/13/2018	Buy	1,100	\$ 3.4775	B. RILEY FBR INC.
11/13/2018	Buy	1,000	\$ 3.4800	B. RILEY FBR INC.
11/13/2018	Buy	900	\$ 3.4800	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.4800	B. RILEY FBR INC.
11/13/2018	Buy	23	\$ 3.4900	B. RILEY FBR INC.

11/13/2018	Buy	100	\$ 3.4900	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.4900	B. RILEY FBR INC.
11/13/2018	Buy	89	\$ 3.5100	B. RILEY FBR INC.
11/13/2018	Buy	800	\$ 3.5100	B. RILEY FBR INC.
11/13/2018	Buy	1,900	\$ 3.5100	B. RILEY FBR INC.
11/13/2018	Buy	1,900	\$ 3.5100	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5700	B. RILEY FBR INC.
11/13/2018	Buy	400	\$ 3.5700	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5700	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5750	B. RILEY FBR INC.
11/13/2018	Buy	1,600	\$ 3.5799	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	208	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	256	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	544	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.4900	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.4900	B. RILEY FBR INC.
11/13/2018	Buy	600	\$ 3.4950	B. RILEY FBR INC.
11/13/2018	Buy	600	\$ 3.4950	B. RILEY FBR INC.
11/13/2018	Buy	600	\$ 3.4950	B. RILEY FBR INC.
11/13/2018	Buy	600	\$ 3.4950	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.4950	B. RILEY FBR INC.
11/13/2018	Buy	300	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	1,000	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	500	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	500	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	700	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	500	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	400	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	1,700	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	1,000	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	400	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	300	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	2,100	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	2,000	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	300	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	256	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	144	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	317	\$ 3.5800	B. RILEY FBR INC.

11/13/2018	Buy	100	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	256	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	278	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	2,166	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	1,000	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	1,034	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	600	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	700	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	66	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	134	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	300	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	34	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	600	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	300	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	300	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	1,400	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	300	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	300	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	300	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	1,300	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	600	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	41	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	787	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	1,000	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	1,000	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	900	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	1,100	\$ 3.4750	B. RILEY FBR INC.
11/13/2018	Buy	7,600	\$ 3.4750	B. RILEY FBR INC.
11/13/2018	Buy	9,100	\$ 3.4750	B. RILEY FBR INC.
11/13/2018	Buy	2,100	\$ 3.4750	B. RILEY FBR INC.
11/13/2018	Buy	1,100	\$ 3.4775	B. RILEY FBR INC.
11/13/2018	Buy	1,800	\$ 3.4800	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.4800	B. RILEY FBR INC.
11/13/2018	Buy	999	\$ 3.4800	B. RILEY FBR INC.
11/13/2018	Buy	770	\$ 3.4850	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.4900	B. RILEY FBR INC.

11/13/2018	Buy	100	\$ 3.4900	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.4900	B. RILEY FBR INC.
11/13/2018	Buy	160	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	1,300	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	300	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	700	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	144	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	4	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	140	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	104	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	300	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	20	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	540	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	80	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	40	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	20	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	1,692	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	40	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.4950	B. RILEY FBR INC.
11/13/2018	Buy	600	\$ 3.4950	B. RILEY FBR INC.
11/13/2018	Buy	5,000	\$ 3.4950	B. RILEY FBR INC.
11/13/2018	Buy	553	\$ 3.4950	B. RILEY FBR INC.
11/13/2018	Buy	600	\$ 3.4975	B. RILEY FBR INC.
11/13/2018	Buy	800	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	1,000	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	500	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	400	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	400	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	400	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	400	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	1,500	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	500	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	2,100	\$ 3.5000	B. RILEY FBR INC.

11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	900	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	8,300	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	1,100	\$ 3.4750	B. RILEY FBR INC.
11/13/2018	Buy	1,100	\$ 3.4750	B. RILEY FBR INC.
11/13/2018	Buy	1,900	\$ 3.5050	B. RILEY FBR INC.
11/13/2018	Buy	500	\$ 3.5075	B. RILEY FBR INC.
11/13/2018	Buy	4,700	\$ 3.5100	B. RILEY FBR INC.
11/13/2018	Buy	1,000	\$ 3.5100	B. RILEY FBR INC.
11/13/2018	Buy	92	\$ 3.5100	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5100	B. RILEY FBR INC.
11/13/2018	Buy	800	\$ 3.5100	B. RILEY FBR INC.
11/13/2018	Buy	22,600	\$ 3.5100	B. RILEY FBR INC.
11/13/2018	Buy	1,900	\$ 3.5100	B. RILEY FBR INC.
11/13/2018	Buy	1,900	\$ 3.5100	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.5700	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	300	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	300	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.6100	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6100	B. RILEY FBR INC.
11/13/2018	Buy	324	\$ 3.6100	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.6100	B. RILEY FBR INC.
11/13/2018	Buy	256	\$ 3.6100	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6100	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.6200	B. RILEY FBR INC.
11/13/2018	Buy	2,700	\$ 3.6200	B. RILEY FBR INC.
11/13/2018	Buy	500	\$ 3.6200	B. RILEY FBR INC.
11/13/2018	Buy	232	\$ 3.6200	B. RILEY FBR INC.
11/13/2018	Buy	1,300	\$ 3.6200	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.6200	B. RILEY FBR INC.
11/13/2018	Buy	300	\$ 3.6200	B. RILEY FBR INC.
11/13/2018	Buy	400	\$ 3.6200	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6200	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.6200	B. RILEY FBR INC.
11/13/2018	Buy	400	\$ 3.6200	B. RILEY FBR INC.
11/13/2018	Buy	300	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	300	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	192	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	300	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5800	B. RILEY FBR INC.

11/13/2018	Buy	200	\$ 4.1650	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 4.1650	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 4.1650	B. RILEY FBR INC.
11/13/2018	Buy	1,200	\$ 4.1650	B. RILEY FBR INC.
11/13/2018	Buy	600	\$ 4.1650	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	308	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	532	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	60	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	40	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	121	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	83	\$ 3.5900	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5900	B. RILEY FBR INC.
11/13/2018	Buy	300	\$ 3.5900	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5900	B. RILEY FBR INC.
11/13/2018	Buy	40	\$ 3.5900	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5900	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.5900	B. RILEY FBR INC.
11/13/2018	Buy	400	\$ 3.5900	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5900	B. RILEY FBR INC.
11/13/2018	Buy	156	\$ 3.5900	B. RILEY FBR INC.
11/13/2018	Buy	400	\$ 3.5900	B. RILEY FBR INC.
11/13/2018	Buy	600	\$ 3.5900	B. RILEY FBR INC.
11/13/2018	Buy	19	\$ 3.5900	B. RILEY FBR INC.
11/13/2018	Buy	81	\$ 3.5900	B. RILEY FBR INC.
11/13/2018	Buy	119	\$ 3.5900	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5900	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.5900	B. RILEY FBR INC.
11/13/2018	Buy	1,000	\$ 3.5925	B. RILEY FBR INC.
11/13/2018	Buy	900	\$ 3.5925	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	300	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	20	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	1,000	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	48	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	61,300	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	7,500	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	1,800	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	400	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	4,800	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	1,400	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	400	\$ 3.5950	B. RILEY FBR INC.

11/13/2018	Buy	1,800	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	1,800	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	600	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	1,000	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	1,100	\$ 4.1650	B. RILEY FBR INC.
11/13/2018	Buy	3	\$ 4.1650	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 4.1700	B. RILEY FBR INC.
11/13/2018	Buy	700	\$ 4.1750	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 4.1750	B. RILEY FBR INC.
11/13/2018	Buy	300	\$ 4.1750	B. RILEY FBR INC.
11/13/2018	Buy	1,200	\$ 4.1750	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 4.1750	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 4.1750	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 4.1750	B. RILEY FBR INC.
11/13/2018	Buy	400	\$ 4.1750	B. RILEY FBR INC.
11/13/2018	Buy	400	\$ 4.1750	B. RILEY FBR INC.
11/13/2018	Buy	300	\$ 4.1800	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 4.1800	B. RILEY FBR INC.
11/13/2018	Buy	300	\$ 4.1800	B. RILEY FBR INC.
11/13/2018	Buy	300	\$ 4.1800	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 4.1800	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 4.1800	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 4.1800	B. RILEY FBR INC.
11/13/2018	Buy	60	\$ 4.1800	B. RILEY FBR INC.
11/13/2018	Buy	176	\$ 4.1800	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 4.1800	B. RILEY FBR INC.
11/13/2018	Buy	124	\$ 4.1800	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 4.1800	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 4.1800	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 4.1800	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 4.1800	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 4.1800	B. RILEY FBR INC.
11/13/2018	Buy	76	\$ 4.1800	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 4.1850	B. RILEY FBR INC.
11/13/2018	Buy	60	\$ 4.1850	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 4.1850	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 4.1850	B. RILEY FBR INC.
11/13/2018	Buy	3	\$ 4.1850	B. RILEY FBR INC.
11/13/2018	Buy	79	\$ 4.1850	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 4.1850	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 4.1900	B. RILEY FBR INC.
11/13/2018	Buy	79	\$ 4.1900	B. RILEY FBR INC.
11/13/2018	Buy	21	\$ 4.1900	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 4.1900	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 4.1900	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 4.1900	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 4.1900	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 4.1900	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 4.1900	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 4.1900	B. RILEY FBR INC.

11/13/2018	Buy	100	\$ 4.1900	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 4.1900	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 4.1900	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 4.1900	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 4.1900	B. RILEY FBR INC.
11/13/2018	Buy	55	\$ 4.1900	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 4.1950	B. RILEY FBR INC.
11/13/2018	Buy	76	\$ 4.1950	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 4.1950	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 4.1950	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 4.1950	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 4.1950	B. RILEY FBR INC.
11/13/2018	Buy	157	\$ 4.2000	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 4.2000	B. RILEY FBR INC.
11/13/2018	Buy	43	\$ 4.2000	B. RILEY FBR INC.
11/13/2018	Buy	1	\$ 4.2000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 4.2000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 4.2000	B. RILEY FBR INC.
11/13/2018	Buy	24	\$ 4.2000	B. RILEY FBR INC.
11/13/2018	Buy	40	\$ 4.2000	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 4.2000	B. RILEY FBR INC.
11/13/2018	Buy	1,000	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	300	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	1,400	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	1,200	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	1,100	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	800	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	400	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	75,000	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	6,200	\$ 3.5975	B. RILEY FBR INC.
11/13/2018	Buy	1,000	\$ 3.5975	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.5975	B. RILEY FBR INC.
11/13/2018	Buy	1,200	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	2,300	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	3,000	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	3,000	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	3,000	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	400	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	400	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	1,000	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	1,500	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	543	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	3,200	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	1,094	\$ 3.6000	B. RILEY FBR INC.

11/13/2018	Buy	700	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	256	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	144	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	300	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	600	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	56	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	1,800	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	140	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	156	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	1,000	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	700	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	356	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	1,100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	1,200	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	40	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	260	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	20	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	80	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	96	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	208	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	300	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	1,400	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	500	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	560	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	208	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	800	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	627	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	1,536	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	92	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	600	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	1,808	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	2,300	\$ 3.6000	B. RILEY FBR INC.

11/13/2018	Buy	300	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	68	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	256	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	900	\$ 3.5800	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5850	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5900	B. RILEY FBR INC.
11/13/2018	Buy	10	\$ 3.5900	B. RILEY FBR INC.
11/13/2018	Buy	83	\$ 3.5900	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5900	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5900	B. RILEY FBR INC.
11/13/2018	Buy	208	\$ 3.5900	B. RILEY FBR INC.
11/13/2018	Buy	2,200	\$ 3.5900	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.5900	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5900	B. RILEY FBR INC.
11/13/2018	Buy	500	\$ 3.5900	B. RILEY FBR INC.
11/13/2018	Buy	246	\$ 3.5900	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5900	B. RILEY FBR INC.
11/13/2018	Buy	95	\$ 3.5900	B. RILEY FBR INC.
11/13/2018	Buy	900	\$ 3.5925	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	980	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	900	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	4,800	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	4,800	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	4,800	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	7,100	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	1,800	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	1,300	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	1,000	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	1,000	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	500	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	400	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	1,700	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	1,400	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	900	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	700	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	500	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	400	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.5950	B. RILEY FBR INC.
11/13/2018	Buy	2,400	\$ 3.5975	B. RILEY FBR INC.
11/13/2018	Buy	1,000	\$ 3.5975	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.5975	B. RILEY FBR INC.
11/13/2018	Buy	4,200	\$ 3.6000	B. RILEY FBR INC.

11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	300	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	56	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	844	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	600	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	500	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	100	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	144	\$ 3.6000	B. RILEY FBR INC.
11/13/2018	Buy	2,400	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	747	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	2,500	\$ 3.5050	B. RILEY FBR INC.
11/13/2018	Buy	1,600	\$ 3.5050	B. RILEY FBR INC.
11/13/2018	Buy	500	\$ 3.5050	B. RILEY FBR INC.
11/13/2018	Buy	12,200	\$ 3.5050	B. RILEY FBR INC.
11/13/2018	Buy	1,100	\$ 3.5050	B. RILEY FBR INC.
11/13/2018	Buy	600	\$ 3.5000	B. RILEY FBR INC.
11/13/2018	Buy	2,300	\$ 3.5050	B. RILEY FBR INC.
11/13/2018	Buy	2,500	\$ 3.5050	B. RILEY FBR INC.
11/13/2018	Buy	1,300	\$ 3.5050	B. RILEY FBR INC.
11/13/2018	Buy	1,000	\$ 3.5050	B. RILEY FBR INC.
11/13/2018	Buy	200	\$ 3.5050	B. RILEY FBR INC.
11/16/2018	Buy	200	\$ 3.1450	B. RILEY FBR INC.
11/16/2018	Buy	600	\$ 3.1450	B. RILEY FBR INC.
11/16/2018	Buy	300	\$ 3.1500	B. RILEY FBR INC.
11/16/2018	Buy	2,600	\$ 3.1550	B. RILEY FBR INC.
11/16/2018	Buy	600	\$ 3.1600	B. RILEY FBR INC.
11/16/2018	Buy	300	\$ 3.1600	B. RILEY FBR INC.
11/16/2018	Buy	300	\$ 3.1600	B. RILEY FBR INC.
11/16/2018	Buy	300	\$ 3.1600	B. RILEY FBR INC.
11/16/2018	Buy	300	\$ 3.1600	B. RILEY FBR INC.
11/16/2018	Buy	300	\$ 3.1600	B. RILEY FBR INC.
11/16/2018	Buy	300	\$ 3.1600	B. RILEY FBR INC.
11/16/2018	Buy	300	\$ 3.1600	B. RILEY FBR INC.
11/16/2018	Buy	300	\$ 3.1600	B. RILEY FBR INC.
11/16/2018	Buy	300	\$ 3.1600	B. RILEY FBR INC.
11/16/2018	Buy	200	\$ 3.1700	B. RILEY FBR INC.
11/16/2018	Buy	200	\$ 3.1700	B. RILEY FBR INC.
11/16/2018	Buy	200	\$ 3.1800	B. RILEY FBR INC.
11/16/2018	Buy	200	\$ 3.1800	B. RILEY FBR INC.
11/16/2018	Buy	200	\$ 3.1850	B. RILEY FBR INC.
11/16/2018	Buy	300	\$ 3.1900	B. RILEY FBR INC.
11/16/2018	Buy	300	\$ 3.1900	B. RILEY FBR INC.
11/16/2018	Buy	700	\$ 3.1900	B. RILEY FBR INC.
11/16/2018	Buy	600	\$ 3.1900	B. RILEY FBR INC.
11/16/2018	Buy	1,500	\$ 3.1900	B. RILEY FBR INC.
11/16/2018	Buy	7,000	\$ 3.1900	B. RILEY FBR INC.
11/16/2018	Buy	100	\$ 3.1900	B. RILEY FBR INC.

11/23/2018	Buy	100	\$ 3.0000	B. RILEY FBR INC.
11/23/2018	Buy	100	\$ 3.0000	B. RILEY FBR INC.
11/23/2018	Buy	700	\$ 3.0000	B. RILEY FBR INC.
11/23/2018	Buy	100	\$ 3.0000	B. RILEY FBR INC.
11/23/2018	Buy	100	\$ 3.0000	B. RILEY FBR INC.
11/23/2018	Buy	500	\$ 3.0000	B. RILEY FBR INC.
11/23/2018	Buy	100	\$ 3.0000	B. RILEY FBR INC.
11/23/2018	Buy	100	\$ 3.0000	B. RILEY FBR INC.
11/23/2018	Buy	100	\$ 3.0000	B. RILEY FBR INC.
11/23/2018	Buy	100	\$ 3.0000	B. RILEY FBR INC.
11/23/2018	Buy	100	\$ 3.0000	B. RILEY FBR INC.
11/23/2018	Buy	100	\$ 3.0000	B. RILEY FBR INC.
11/23/2018	Buy	100	\$ 3.0000	B. RILEY FBR INC.
11/23/2018	Buy	100	\$ 3.0000	B. RILEY FBR INC.
11/23/2018	Buy	100	\$ 3.0000	B. RILEY FBR INC.
11/23/2018	Buy	100	\$ 3.0000	B. RILEY FBR INC.
11/23/2018	Buy	1	\$ 3.0000	B. RILEY FBR INC.
11/23/2018	Buy	100	\$ 3.0000	B. RILEY FBR INC.
11/23/2018	Buy	100	\$ 3.0000	B. RILEY FBR INC.
11/23/2018	Buy	4,857	\$ 3.0000	B. RILEY FBR INC.
11/23/2018	Buy	2,000	\$ 3.0000	B. RILEY FBR INC.
11/23/2018	Buy	100	\$ 3.0000	B. RILEY FBR INC.
11/23/2018	Buy	37	\$ 3.0000	B. RILEY FBR INC.
11/23/2018	Buy	100	\$ 3.0000	B. RILEY FBR INC.
11/23/2018	Buy	100	\$ 3.0000	B. RILEY FBR INC.
11/26/2018	Buy	27,800	\$ 3.2226	DIALECTIC ANTITHESIS PARTNERS LP
11/26/2018	Buy	200	\$ 3.0750	B. RILEY FBR INC.
11/26/2018	Buy	200	\$ 3.0750	B. RILEY FBR INC.
11/26/2018	Buy	100	\$ 3.0750	B. RILEY FBR INC.
11/26/2018	Buy	100	\$ 3.0750	B. RILEY FBR INC.
11/26/2018	Buy	500	\$ 3.0750	B. RILEY FBR INC.
11/26/2018	Buy	300	\$ 3.0750	B. RILEY FBR INC.
11/26/2018	Buy	200	\$ 3.0750	B. RILEY FBR INC.
11/26/2018	Buy	100	\$ 3.0750	B. RILEY FBR INC.
11/26/2018	Buy	100	\$ 3.0750	B. RILEY FBR INC.
11/26/2018	Buy	600	\$ 3.0750	B. RILEY FBR INC.
11/26/2018	Buy	1,800	\$ 3.0750	B. RILEY FBR INC.
11/26/2018	Buy	100	\$ 3.0775	B. RILEY FBR INC.
11/26/2018	Buy	100	\$ 3.0775	B. RILEY FBR INC.
11/26/2018	Buy	100	\$ 3.0775	B. RILEY FBR INC.
11/26/2018	Buy	100	\$ 3.0775	B. RILEY FBR INC.
11/26/2018	Buy	600	\$ 3.0800	B. RILEY FBR INC.
11/26/2018	Buy	600	\$ 3.0800	B. RILEY FBR INC.
11/26/2018	Buy	500	\$ 3.0800	B. RILEY FBR INC.
11/26/2018	Buy	100	\$ 3.0500	B. RILEY FBR INC.
11/26/2018	Buy	482	\$ 3.0500	B. RILEY FBR INC.
11/26/2018	Buy	64	\$ 3.0500	B. RILEY FBR INC.
11/26/2018	Buy	64	\$ 3.0500	B. RILEY FBR INC.
11/26/2018	Buy	400	\$ 3.0800	B. RILEY FBR INC.
11/26/2018	Buy	300	\$ 3.0800	B. RILEY FBR INC.

11/26/2018	Buy	100	\$ 3.1500	B. RILEY FBR INC.
11/26/2018	Buy	100	\$ 3.1500	B. RILEY FBR INC.
11/26/2018	Buy	800	\$ 3.1500	B. RILEY FBR INC.
11/26/2018	Buy	300	\$ 3.1500	B. RILEY FBR INC.
11/26/2018	Buy	100	\$ 3.1500	B. RILEY FBR INC.
11/26/2018	Buy	16	\$ 3.1500	B. RILEY FBR INC.
11/26/2018	Buy	100	\$ 3.1500	B. RILEY FBR INC.
11/26/2018	Buy	34	\$ 3.1500	B. RILEY FBR INC.
11/26/2018	Buy	18	\$ 3.1500	B. RILEY FBR INC.
11/26/2018	Buy	82	\$ 3.1500	B. RILEY FBR INC.
11/26/2018	Buy	100	\$ 3.1500	B. RILEY FBR INC.
11/26/2018	Buy	100	\$ 3.1500	B. RILEY FBR INC.
11/26/2018	Buy	100	\$ 3.1500	B. RILEY FBR INC.
11/26/2018	Buy	100	\$ 3.1500	B. RILEY FBR INC.
11/26/2018	Buy	100	\$ 3.1500	B. RILEY FBR INC.
11/26/2018	Buy	100	\$ 3.1500	B. RILEY FBR INC.
11/26/2018	Buy	100	\$ 3.1500	B. RILEY FBR INC.
11/26/2018	Buy	100	\$ 3.1500	B. RILEY FBR INC.
11/26/2018	Buy	100	\$ 3.1500	B. RILEY FBR INC.
11/26/2018	Buy	100	\$ 3.1500	B. RILEY FBR INC.
11/26/2018	Buy	100	\$ 3.1500	B. RILEY FBR INC.
11/26/2018	Buy	100	\$ 3.1500	B. RILEY FBR INC.
11/26/2018	Buy	5,284	\$ 3.1500	B. RILEY FBR INC.
11/26/2018	Buy	100	\$ 3.1500	B. RILEY FBR INC.
11/26/2018	Buy	100	\$ 3.1500	B. RILEY FBR INC.
11/27/2018	Buy	5,000	\$ 3.2444	DIALECTIC ANTITHESIS PARTNERS LP
11/27/2018	Buy	103	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	197	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	88	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	300	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	100	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	100	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	300	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	100	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	100	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	100	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	100	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	100	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	100	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	100	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	300	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	100	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	197	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	212	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	212	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	100	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	100	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	100	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	100	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	200	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	80	\$ 3.1000	B. RILEY FBR INC.

11/27/2018	Buy	100	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	100	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	100	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	200	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	100	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	98	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	300	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	300	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	300	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	300	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	3,600	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	10,525	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	100	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	100	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	300	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	100	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	100	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	100	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	100	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	100	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	100	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	100	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	200	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	98	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	100	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	100	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	100	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	100	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	100	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	200	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	98	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	202	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	300	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	300	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	300	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	300	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	300	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	300	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	300	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	100	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	100	\$ 3.0800	B. RILEY FBR INC.
11/27/2018	Buy	600	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	200	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	300	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	100	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	88	\$ 3.1000	B. RILEY FBR INC.
11/27/2018	Buy	300	\$ 3.1000	B. RILEY FBR INC.
11/28/2018	Buy	9,900	\$ 3.1147	DIALECTIC ANTITHESIS PARTNERS LP
11/28/2018	Buy	10,000	\$ 3.0902	BRC PARTNERS OPPORTUNITY FUND, LP
11/28/2018	Buy	400	\$ 3.0050	B. RILEY FBR INC.
11/28/2018	Buy	1,100	\$ 3.0100	B. RILEY FBR INC.
11/28/2018	Buy	300	\$ 3.0100	B. RILEY FBR INC.
11/28/2018	Buy	300	\$ 3.0100	B. RILEY FBR INC.
11/28/2018	Buy	100	\$ 3.0100	B. RILEY FBR INC.
11/28/2018	Buy	900	\$ 3.0100	B. RILEY FBR INC.

11/28/2018	Buy	400	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	100	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	100	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	100	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	300	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	200	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	200	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	100	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	100	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	100	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	300	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	322	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	3,678	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	100	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	100	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	200	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	100	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	100	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	216	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	200	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	100	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	154	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	100	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	200	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	400	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	100	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	100	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	2,100	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	400	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	200	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	100	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	100	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	200	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	100	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	100	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	100	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	78	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	100	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	100	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	100	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	1,700	\$ 3.0800	B. RILEY FBR INC.
11/28/2018	Buy	100	\$ 3.0800	B. RILEY FBR INC.
11/29/2018	Buy	5,000	\$ 3.1470	DIALECTIC ANTITHESIS PARTNERS LP
11/29/2018	Buy	10,000	\$ 3.1693	B. RILEY DIVERSIFIED EQUITY FUND
11/29/2018	Buy	100	\$ 3.0600	B. RILEY FBR INC.
11/29/2018	Buy	100	\$ 3.0500	B. RILEY FBR INC.
11/29/2018	Buy	100	\$ 3.0500	B. RILEY FBR INC.
11/29/2018	Buy	100	\$ 3.0500	B. RILEY FBR INC.
11/29/2018	Buy	67	\$ 3.0500	B. RILEY FBR INC.
11/29/2018	Buy	100	\$ 3.0500	B. RILEY FBR INC.
11/29/2018	Buy	100	\$ 3.0500	B. RILEY FBR INC.
11/29/2018	Buy	100	\$ 3.0500	B. RILEY FBR INC.

11/29/2018	Buy	200	\$ 3.0550	B. RILEY FBR INC.
11/29/2018	Buy	200	\$ 3.0600	B. RILEY FBR INC.
11/29/2018	Buy	100	\$ 3.0600	B. RILEY FBR INC.
11/29/2018	Buy	100	\$ 3.0600	B. RILEY FBR INC.
11/29/2018	Buy	100	\$ 3.0600	B. RILEY FBR INC.
11/29/2018	Buy	100	\$ 3.0600	B. RILEY FBR INC.
11/29/2018	Buy	1,200	\$ 3.0500	B. RILEY FBR INC.
11/29/2018	Buy	100	\$ 3.0500	B. RILEY FBR INC.
11/29/2018	Buy	100	\$ 3.0500	B. RILEY FBR INC.
11/29/2018	Buy	200	\$ 3.0500	B. RILEY FBR INC.
11/29/2018	Buy	100	\$ 3.0500	B. RILEY FBR INC.
11/29/2018	Buy	100	\$ 3.0500	B. RILEY FBR INC.
11/29/2018	Buy	33	\$ 3.0500	B. RILEY FBR INC.
11/29/2018	Buy	100	\$ 3.0500	B. RILEY FBR INC.
11/29/2018	Buy	100	\$ 3.0500	B. RILEY FBR INC.
11/29/2018	Buy	1,100	\$ 3.0550	B. RILEY FBR INC.
11/29/2018	Buy	100	\$ 3.0600	B. RILEY FBR INC.
11/29/2018	Buy	108	\$ 3.0600	B. RILEY FBR INC.
11/29/2018	Buy	92	\$ 3.0600	B. RILEY FBR INC.
11/29/2018	Buy	100	\$ 3.0600	B. RILEY FBR INC.
11/29/2018	Buy	100	\$ 3.0600	B. RILEY FBR INC.
11/29/2018	Buy	100	\$ 3.0600	B. RILEY FBR INC.
11/29/2018	Buy	700	\$ 3.0600	B. RILEY FBR INC.
11/30/2018	Buy	10,000	\$ 3.1985	BRC PARTNERS OPPORTUNITY FUND, LP
12/3/2018	Buy	5,100	\$ 3.1611	DIALECTIC ANTITHESIS PARTNERS LP
12/4/2018	Sell	(20,000)	\$ 3.2770	DIALECTIC ANTITHESIS PARTNERS LP
12/4/2018	Buy	100	\$ 3.0600	B. RILEY FBR INC.
12/4/2018	Buy	300	\$ 3.0600	B. RILEY FBR INC.
12/4/2018	Buy	300	\$ 3.0600	B. RILEY FBR INC.
12/4/2018	Buy	300	\$ 3.0600	B. RILEY FBR INC.
12/4/2018	Buy	300	\$ 3.0600	B. RILEY FBR INC.
12/4/2018	Buy	500	\$ 3.0600	B. RILEY FBR INC.
12/4/2018	Buy	100	\$ 3.0600	B. RILEY FBR INC.
12/4/2018	Buy	200	\$ 3.0600	B. RILEY FBR INC.
12/4/2018	Buy	100	\$ 3.0600	B. RILEY FBR INC.
12/4/2018	Buy	300	\$ 3.0600	B. RILEY FBR INC.
12/4/2018	Buy	200	\$ 3.0600	B. RILEY FBR INC.
12/4/2018	Buy	32	\$ 3.0600	B. RILEY FBR INC.
12/4/2018	Buy	100	\$ 3.0600	B. RILEY FBR INC.
12/4/2018	Buy	100	\$ 3.0600	B. RILEY FBR INC.
12/4/2018	Buy	100	\$ 3.0600	B. RILEY FBR INC.
12/4/2018	Buy	100	\$ 3.0600	B. RILEY FBR INC.
12/4/2018	Buy	5	\$ 3.0600	B. RILEY FBR INC.
12/4/2018	Buy	100	\$ 3.0600	B. RILEY FBR INC.
12/4/2018	Buy	100	\$ 3.0600	B. RILEY FBR INC.
12/4/2018	Buy	100	\$ 3.0600	B. RILEY FBR INC.
12/4/2018	Buy	200	\$ 3.0600	B. RILEY FBR INC.
12/4/2018	Buy	294	\$ 3.0600	B. RILEY FBR INC.
12/4/2018	Buy	200	\$ 3.0600	B. RILEY FBR INC.
12/4/2018	Buy	200	\$ 3.0600	B. RILEY FBR INC.
12/4/2018	Buy	200	\$ 3.0600	B. RILEY FBR INC.

12/12/2018	Buy	700	\$ 3.2500	B. RILEY FBR INC.
12/12/2018	Buy	300	\$ 3.2500	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.2400	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.1700	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	1,000	\$ 3.2300	B. RILEY FBR INC.
12/12/2018	Buy	5,700	\$ 3.2500	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.1900	B. RILEY FBR INC.
12/12/2018	Buy	2,900	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	300	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	200	\$ 3.2100	B. RILEY FBR INC.
12/12/2018	Buy	200	\$ 3.2200	B. RILEY FBR INC.
12/12/2018	Buy	300	\$ 3.2500	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.1900	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.2200	B. RILEY FBR INC.
12/12/2018	Buy	51	\$ 3.2200	B. RILEY FBR INC.
12/12/2018	Buy	170	\$ 3.2200	B. RILEY FBR INC.
12/12/2018	Buy	2,200	\$ 3.2250	B. RILEY FBR INC.
12/12/2018	Buy	200	\$ 3.2060	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.2200	B. RILEY FBR INC.
12/12/2018	Buy	300	\$ 3.2500	B. RILEY FBR INC.
12/12/2018	Buy	1,200	\$ 3.2050	B. RILEY FBR INC.
12/12/2018	Buy	300	\$ 3.1900	B. RILEY FBR INC.
12/12/2018	Buy	700	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	1,600	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	500	\$ 3.2100	B. RILEY FBR INC.
12/12/2018	Buy	1,200	\$ 3.2500	B. RILEY FBR INC.
12/12/2018	Buy	200	\$ 3.1960	B. RILEY FBR INC.
12/12/2018	Buy	2,300	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.2200	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.2400	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.1700	B. RILEY FBR INC.
12/12/2018	Buy	400	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.2400	B. RILEY FBR INC.
12/12/2018	Buy	900	\$ 3.2050	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.2200	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	4,700	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	300	\$ 3.2100	B. RILEY FBR INC.
12/12/2018	Buy	300	\$ 3.2400	B. RILEY FBR INC.
12/12/2018	Buy	200	\$ 3.2400	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	2,100	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	600	\$ 3.2300	B. RILEY FBR INC.
12/12/2018	Buy	300	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	300	\$ 3.2500	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.1900	B. RILEY FBR INC.
12/12/2018	Buy	700	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.1900	B. RILEY FBR INC.
12/12/2018	Buy	3,500	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	2,200	\$ 3.2000	B. RILEY FBR INC.

12/12/2018	Buy	400	\$ 3.2050	B. RILEY FBR INC.
12/12/2018	Buy	5,000	\$ 3.2100	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.2350	B. RILEY FBR INC.
12/12/2018	Buy	2,300	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	500	\$ 3.2050	B. RILEY FBR INC.
12/12/2018	Buy	400	\$ 3.2500	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	900	\$ 3.2400	B. RILEY FBR INC.
12/12/2018	Buy	400	\$ 3.2100	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.1800	B. RILEY FBR INC.
12/12/2018	Buy	600	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	2,300	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	200	\$ 3.2100	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.2300	B. RILEY FBR INC.
12/12/2018	Buy	200	\$ 3.2500	B. RILEY FBR INC.
12/12/2018	Buy	120	\$ 3.2400	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.1900	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	4,600	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	119	\$ 3.2200	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.1900	B. RILEY FBR INC.
12/12/2018	Buy	300	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	4,600	\$ 3.2500	B. RILEY FBR INC.
12/12/2018	Buy	4,700	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	28,200	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.2200	B. RILEY FBR INC.
12/12/2018	Buy	800	\$ 3.2200	B. RILEY FBR INC.
12/12/2018	Buy	200	\$ 3.2300	B. RILEY FBR INC.
12/12/2018	Buy	400	\$ 3.2400	B. RILEY FBR INC.
12/12/2018	Buy	2,800	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.1900	B. RILEY FBR INC.
12/12/2018	Buy	217	\$ 3.1950	B. RILEY FBR INC.
12/12/2018	Buy	200	\$ 3.2100	B. RILEY FBR INC.
12/12/2018	Buy	200	\$ 3.2100	B. RILEY FBR INC.
12/12/2018	Buy	200	\$ 3.2300	B. RILEY FBR INC.
12/12/2018	Buy	2,500	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	300	\$ 3.2500	B. RILEY FBR INC.
12/12/2018	Buy	2,300	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	300	\$ 3.2400	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.2400	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.1600	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.1850	B. RILEY FBR INC.
12/12/2018	Buy	300	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	400	\$ 3.2200	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	1,100	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.1550	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.1800	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.2100	B. RILEY FBR INC.
12/12/2018	Buy	300	\$ 3.2100	B. RILEY FBR INC.

12/12/2018	Buy	1,200	\$ 3.2500	B. RILEY FBR INC.
12/12/2018	Buy	200	\$ 3.2500	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.1800	B. RILEY FBR INC.
12/12/2018	Buy	200	\$ 3.1900	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	25	\$ 3.2200	B. RILEY FBR INC.
12/12/2018	Buy	700	\$ 3.2300	B. RILEY FBR INC.
12/12/2018	Buy	7,100	\$ 3.2400	B. RILEY FBR INC.
12/12/2018	Buy	700	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	800	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	96,200	\$ 3.2050	B. RILEY FBR INC.
12/12/2018	Buy	400	\$ 3.2050	B. RILEY FBR INC.
12/12/2018	Buy	6,200	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	2,800	\$ 3.2050	B. RILEY FBR INC.
12/12/2018	Buy	500	\$ 3.2060	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.1900	B. RILEY FBR INC.
12/12/2018	Buy	800	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	120	\$ 3.2400	B. RILEY FBR INC.
12/12/2018	Buy	700	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	600	\$ 3.2100	B. RILEY FBR INC.
12/12/2018	Buy	600	\$ 3.2300	B. RILEY FBR INC.
12/12/2018	Buy	300	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	500	\$ 3.2050	B. RILEY FBR INC.
12/12/2018	Buy	100	\$ 3.2400	B. RILEY FBR INC.
12/12/2018	Buy	500	\$ 3.1600	B. RILEY FBR INC.
12/12/2018	Buy	25,400	\$ 3.2000	B. RILEY FBR INC.
12/12/2018	Buy	1,200	\$ 3.2500	B. RILEY FBR INC.

EXHIBIT 1

JOINT FILING AGREEMENT

In accordance with Rule 13d-1(k)(1)(iii) under the Securities Exchange Act of 1934, as amended, the persons named below agree to the joint filing on behalf of each of them of a Statement on Schedule 13D (including additional amendments thereto) with respect to the common stock, \$0.001 par value per share, of HC2 Holdings, Inc., a Delaware corporation. This Joint Filing Agreement shall be filed as an Exhibit to such Statement.

Dated: December 13, 2018

B. RILEY FINANCIAL, INC.

By: /s/ Bryant R. Riley
Name: Bryant R. Riley
Title: Co-Chief Executive Officer

B. RILEY FBR, INC.

By: /s/ Andrew Moore
Name: Andrew Moore
Title: Chief Executive Officer

B. RILEY WEALTH MANAGEMENT, INC.

By: /s/ Bryant R. Riley
Name: Bryant R. Riley
Title: Chief Executive Officer

BRC PARTNERS OPPORTUNITY FUND, L.P.

By: /s/ Bryant R. Riley
Name: Bryant R. Riley
Title: Chief Investment Officer

BRC PARTNERS MANAGEMENT GP, LLC

By: B. Riley Capital Management, LLC, its sole member

By: /s/ Bryant R. Riley
Name: Bryant R. Riley
Title: Chief Executive Officer

B. RILEY CAPITAL MANAGEMENT, LLC

By: /s/ Bryant R. Riley
Name: Bryant R. Riley
Title: Chief Executive Officer

DIALECTIC ANTITHESIS PARTNERS, LP

By: /s/ John Fichthorn
Name: John Fichthorn
Title: Chief Investment Officer

BR DIALECTIC CAPITAL MANAGEMENT, LLC

By: B. Riley Capital Management, LLC, its sole member

By: /s/ Bryant R. Riley
Name: Bryant R. Riley
Title: Chief Executive Officer

B. RILEY DIVERSIFIED EQUITY FUND

By: /s/ Bryant R. Riley
Name: Bryant R. Riley
Title: Authorized Signer