## OMB APPROVAL

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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934
or Section 30(h) of the Investment Company Act of 1940

|  | 5. Relationship of Reporting Person(s) to Issuer <br> (Check all applicable) <br> X | Director <br> Officer (give title <br> below) |
| :--- | :--- | :--- |
| X | 10\% Owner <br> Other (specify <br> below) |  |
| X | Form filed by One Reporting Person <br> Person |  |
| 6. Individual or Joint/Group Filing (Check Applicable More than One Reporting <br> Line) |  |  |

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. <br> Transaction Code (Instr. 8) |  | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) |  |  | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect <br> (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Code | V | Amount | (A) or (D) | Price |  |  |  |
| Common Stock | 02/06/2020 |  | P |  | 11,000 | A | \$6.18 ${ }^{(2)}$ | 1,803,500 | $\mathrm{D}^{(1)}$ |  |
| Common Stock | 02/06/2020 |  | P |  | 0 | A | \$0 | 1,803,500 | I | See <br> Footnote ${ }^{(1)}$ |
| Common Stock | 02/10/2020 |  | P |  | 12,000 | A | \$6.04 ${ }^{(3)}$ | 1,815,500 | $\mathrm{D}^{(1)}$ |  |
| Common Stock | 02/10/2020 |  | P |  | 0 | A | \$0 | 1,815,500 | I | See <br> Footnote ${ }^{(1)}$ |

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. <br> Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. <br> Transaction Code (Instr. 8) |  | 5. Number of <br> Derivative <br> Securities <br> Acquired <br> (A) or <br> Disposed <br> of (D) <br> (Instr. 3, 4 <br> and 5) |  | 6. Date Exercisable and Expiration Date (Month/Day/Year) |  | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) |  | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. <br> Ownership <br> Form: <br> Direct (D) <br> or Indirect <br> (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

1. Name and Address of Reporting Person*

ARMISTICE CAPITAL, LLC
$\left.\begin{array}{lcc}\hline \text { (Last) } & \text { (First) } & \text { (Middle) } \\ 510 \text { MADISON AVENUE, 7TH FLOOR }\end{array}\right]$

1. Name and Address of Reporting Person ${ }^{*}$

Armistice Capital Master Fund Ltd.
(Last) (First) (Middle)

C/O DMS CORPORATE SERVICES LTD.
20 GENESIS CLOSE, P.O. BOX 314

| GRAND |  |
| :--- | :--- | :--- |
| CAYMAN | KY1-1104 |

1. Name and Address of Reporting Person ${ }^{*}$

## Boyd Steven

| (Last) | (First) | (Middle) |
| :--- | :---: | :--- |
| C/O ARMISTICE CAPITAL, LLC |  |  |
| 510 MADISON AVENUE, 7TH FLOOR |  |  |
| (Street)  10022 <br> NEW YORK NY (Zip) <br> (City) (State)  |  |  |

Explanation of Responses:

1. The reported securities are directly owned by Armistice Capital Master Fund Ltd., a Cayman Islands exempted company (the "Master Fund"). The reported securities may be deemed to be indirectly


 purpose.
 security holder of the issuer, full information regarding the number of shares purchased at each separate price.
 security holder of the issuer, full information regarding the number of shares purchased at each separate price.

| Armistice Capital, LLC, By: /s |  |
| :---: | :---: |
| Steven Boyd, Managing | 02/10/2020 |
| Member |  |
| Armistice Capital Master Fund |  |
| Ltd., By:/s/ Steven Boyd, | 02/10/2020 |
| Director |  |
| /s/ Steven Boyd | 02/10/2020 |
| ** Signature of Reporting Person | Date |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).
** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. $78 f f(a)$.
Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure
Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

