Hooley Stephen C Form 4/A January 31, 2018

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

OMB APPROVAL

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may continue.

See Instruction

Check this box

if no longer

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Hooley Stephen C Issuer Symbol DST SYSTEMS INC [DST] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner Officer (give title Other (specify 333 WEST 11TH STREET 02/24/2017 below) Chairman, CEO & President (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person 02/28/2017 Form filed by More than One Reporting KANSAS CITY, MO 64105 Person (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Securities Form: Direct Indirect (Instr. 3) Code Disposed of (D) Beneficially (D) or Beneficial (Instr. 3, 4 and 5) Indirect (I) Ownership (Month/Day/Year) (Instr. 8) Owned Following (Instr. 4) (Instr. 4) Reported (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price

Common 02/24/2017 A 142 (1) A \$0 23,848 D Stock

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

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| 1. Title of | 2. | 3. Transaction Date | 3A. Deemed | 4. | 5. | 6. Date Exerc | cisable and | 7. Title an | d 8. Price of | 9. Nu |
|-------------|-------------|---------------------|--------------------|-------------------|--|----------------------------------|-------------|------------------|---------------|---------|
| Derivative | Conversion | (Month/Day/Year) | Execution Date, if | TransactionNumber | | Expiration D | ate | Amount of | of Derivative | e Deriv |
| Security | or Exercise | | any | Code | of | (Month/Day/ | Year) | Underlyin | g Security | Secui |
| (Instr. 3) | Price of | | (Month/Day/Year) | (Instr. 8) | str. 8) Derivative Securities Acquired | | | Securities | (Instr. 5) | Bene |
| | Derivative | | | | | | | (Instr. 3 ar | nd 4) | Owne |
| | Security | | | | | | | | Follo | |
| | • | | | | (A) or | | | | | Repo |
| | | | | | Disposed | | | | | Trans |
| | | of (D) | | | | | | | (Instr | |
| | | | | | (Instr. 3, 4, and 5) | | | | | |
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| | | | | | | Date Expirat Exercisable Date | Expiration | or Tiala Nama | no la cu | |
| | | | | | | | Date | | mber | |
| | | | | C 1 W | (A) (D) | | | of | | |
| | | | | Code V | (A) (D) | | | Sha | ares | |

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Hooley Stephen C 333 WEST 11TH STREET KANSAS CITY, MO 64105

Chairman, CEO & President

Signatures

Randall D. Young for Stephen C. Hooley by power of attorney

01/31/2018

**Signature of Reporting Person

Date

Explanation of Responses:

- * 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. 78ff(a).

On February 28, 2017, the Reporting Person filed a Form 4 reporting the number of shares of common stock that would vest on the March 10, 2017 vesting of performance stock units (PSUs) plus the number of shares of common stock accrued as a result of dividend equivalent rights paid by the Company pursuant to the terms of the award. The award was granted on February 25, 2014 for the 2014-2016 performance period. The total number of shares reported should have been 23,777 instead of 23,706. Due to the two for one stock split on June 8, 2017, additional reported shares would now be an additional 142 shares. These under reported shares were also

stock split on June 8, 2017, additional reported shares would now be an additional 142 shares. These under reported shares were also excluded in the direct ownership totals on six subsequent Form 4s filed by the Reporting Person on March 14, 2017, March 16, 2017, April 21, 2017, June 12, 2017, September 11, 2017, and December 12, 2017. As of January 31, 2018, Reporting Persons total direct ownership is 129,624 shares.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

Reporting Owners 2