

☐ Check this box if no longer  
subject to Section 16. Form 4 or  
Form 5 obligations may  
continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF  
SECURITIES

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

|   |  |  |
|---|--|--|
| 1. Name and Address of Reporting Person *                               | 2. Issuer Name and Ticker or Trading Symbol  | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)                         |
| Byrne Barbara Peterson  | Spok Holdings, Inc [ SPOK ]  | <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner                    |
| (Last) (First) (Middle)   | 3. Date of Earliest Transaction (MM/DD/YYYY)   | <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) |
| C/O SPOK HOLDINGS, INC., 5911<br>KINGSTOWNE VILLAGE PARKWAY,<br>6TH FLR | 4/3/2023   |  |
| (Street)  | 4. If Amendment, Date Original Filed (MM/DD/YYYY)  | 6. Individual or Joint/Group Filing (Check Applicable Line)  |
| ALEXANDRIA, VA 22315  |  | <input checked="" type="checkbox"/> Form filed by One Reporting Person                             |
| (City) (State) (Zip)  | Rule 10b5-1(c) Transaction Indication  | <input type="checkbox"/> Form filed by More than One Reporting Person                              |
|   | <input type="checkbox"/> Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan<br>that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10. |  |

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

| 1. Title of Security<br>(Instr. 3) | 2. Trans. Date | 2A. Deemed<br>Execution<br>Date, if any | 3. Trans. Code<br>(Instr. 8) |   | 4. Securities Acquired (A)<br>or Disposed of (D)<br>(Instr. 3, 4 and 5) |               |         | 5. Amount of Securities Beneficially Owned<br>Following Reported Transaction(s)<br>(Instr. 3 and 4) | 6.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr.<br>4) | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|------------------------------------|----------------|---|------------------------------|---|---|---------------|---------|---|--|---|
|                                    |                |   | Code                         | V | Amount  | (A) or<br>(D) | Price   |   |  |   |
| Common Stock                       | 4/3/2023       |   | A                            |   | 1481  | A             | \$10.13 | 20365   | D  |   |

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

| 1. Title of Derivate Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Trans. Date | 3A. Deemed Execution Date, if any | 4. Trans. Code (Instr. 8) |   | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) |     | 6. Date Exercisable and Expiration Date |                 | 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. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|--|----------------|-----------------------------------|---------------------------|---|--|-----|---|-----------------|---|----------------------------|--|--|--|--|
|  |  |                |                                   | Code                      | V | (A)  | (D) | Date Exercisable                        | Expiration Date | Title   | Amount or Number of Shares |  |  |  |  |
| Deferred Stock Unit                      | (1)  | 4/3/2023       |                                   | A                         |   | 0  |     | (2)                                     | (2)             | Deferred Stock Unit   | 0                          | \$0.00                                     | 5637   | D  |  |

Explanation of Responses:

- (1) Each deferred stock unit represents the right to receive one share of common stock of the Issuer.
- (2) The deferred stock units are fully vested and will be settled in shares of the Issuer's common stock upon the Reporting Person's separation from service with the Issuer or as otherwise provided by the Issuer's Deferred Compensation Plan for Non-Employee Directors.

Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |         |       |
|---|---------------|-----------|---------|-------|
|   | Director      | 10% Owner | Officer | Other |
| Byrne Barbara Peterson<br>C/O SPOK HOLDINGS, INC.<br>5911 KINGSTOWNE VILLAGE PARKWAY, 6TH FLR<br>ALEXANDRIA, VA 22315 | X             |           |         |       |

Signatures

/BARBARA P. BYRNE/ 4/3/2023

--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. 78ff(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 control number.