

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPROVAL | |
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| OMB Number: | 3235-0287 |
| Estimated average burden hours per response: | 0.5 |

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

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* <u>McDonnell Jeffrey M</u> (Last) (First) (Middle) <u>1201 NETWORK CENTRE DR.</u> (Street) <u>EFFINGHAM IL 62401</u> (City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol <u>Midland States Bancorp, Inc. [MSBI]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below) |
| | 3. Date of Earliest Transaction (Month/Day/Year) <u>12/31/2016</u> | |
| 4. If Amendment, Date of Original Filed (Month/Day/Year) | | |

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. 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 (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|-------|---|--|---|
| | | | Code | V | Amount | (A) or (D) | Price | | | |

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. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction 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 (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. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | |
|--|--|--------------------------------------|--|--------------------------------|---|--|-----|--|-----------------|---|--|--|---|--|-------|
| | | | | Code | V | (A) | (D) | Date Exercisable | Expiration Date | | | | | | Title |
| Common Share Equivalents | (1) | 12/31/2016 | | A | | 96.7385 | | (2) | (2) | Common Stock | 96.7385 | \$36.18 | 1,881.4953 | D | |
| Common Share Equivalents | (3) | 12/31/2016 | | A | | 24.1846 | | (2) | (2) | Common Stock | 24.1846 | \$36.18 | 1,905.6799 | D | |
| Common Share Equivalents | (4) | 12/31/2016 | | A | | 8.2615 | | (2) | (2) | Common Stock | 8.2615 | \$36.18 | 1,913.9414 | D | |

Explanation of Responses:

- Represents common share equivalents acquired by the reporting person under the Directors Deferred Compensation Plan (DDCP) of the Issuer with respect to directors fees deferred by the reporting person during the quarter, based upon the closing price of the underlying shares on the last day of the quarter. Each common share equivalent is the economic equivalent of one share of common stock. Common share equivalents received for deferred director fees are fully vested on the transaction date listed above.
- Common share equivalents become payable upon termination of service as a director except for any unvested portion of the Issuer matching contribution.
- Represents common share equivalents acquired by the reporting person in the DDCP through the 25% Issuer matching contribution for the director fees paid to the reporting person during the quarter, based upon the closing price of the underlying shares on the last day of the quarter. Common share equivalents received for the Issuer matching contribution vest in four equal annual portions beginning on the first anniversary of the grant date, and unvested matching contributions are forfeited at the time service as a director terminates.
- Represents common share equivalents acquired by the reporting person in the DDCP pursuant to the reinvestment of dividends received during the quarter on common share equivalents held in the DDCP by the reporting person at the time such dividend was paid on the underlying shares, based upon closing price of the underlying shares on the last day of the quarter. Common share equivalents received for dividend reinvestments are fully vested on the transaction date listed above and become payable upon termination of service as a director. Includes subtraction of .6148 shares that were overstated in last Form 4 filed for the reporting person.

Remarks:

/s/ McDonnell Jeffrey 01/04/2017

/s/ Douglas J. Tucker, attorney-in-fact 01/04/2017

** 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 Number.

Know all by these presents, that the undersigned hereby constitutes and appoints each of Douglas

J. Tucker and Sarah Leonard as the undersigned's true and lawful attorney-in-fact to:

(1) prepare, execute for and on behalf of the undersigned, and submit to the United States Securities and Exchange Commission (the "Commission") a Form ID, including amendments thereto, and any other documents necessary or appropriate to obtain codes and passwords enabling the undersigned to make electronic filings with the Commission of reports required by Section 16(a) of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or any rule or regulation of the SEC;

(2) execute for and on behalf of the undersigned, in the undersigned's capacity as a reporting person of Midland States Bancorp, Inc. (the "Company") pursuant to Section 16 of the Exchange Act and the rules thereunder, Forms 3, 4 and 5 in accordance with Section 16(a) of the Exchange Act and the rules thereunder;

(3) do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete and execute any such Form 3, 4 or 5, complete and execute any amendment or amendments thereto and file such form with the Commission and the applicable stock exchange or similar authority; and

(4) take any other action of any type whatsoever in connection with the foregoing which, in the opinion of any of such attorneys-in-fact, may be of benefit to, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by any of such attorneys in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as any of such attorneys-in-fact may approve in his or her discretion.

The undersigned hereby grants to each such attorney-in-fact full power and authority to act separately and to do and perform any and every act and thing whatsoever requisite, necessary, or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that any of such attorneys-in-fact, or the substitute or substitutes of any of such attorneys-in-fact, shall lawfully do or cause to be done by virtue of this Power of Attorney and the rights and powers herein granted. The undersigned acknowledges that the foregoing attorneys-in-fact, in serving in such capacity at the request of the undersigned, are not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with Section 16 of the Exchange Act.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4 and 5 with respect to the undersigned's holdings of and transactions in securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as

of this 2nd day of February, 2016

/s/Jeffrey McDonnell
Signature