

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

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* Stephens Martin R | | | 2. Issuer Name and Ticker or Trading Symbol MERIT MEDICAL SYSTEMS INC [MMSI] | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) Executive V.P. of Sales | | |
| (Last) | (First) | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year) 07/30/2010 | | | 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person | | |
| 1600 W. MERIT PARKWAY | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | |
| (Street) SOUTH JORDAN UT 84095 | | | | | | | | |
| (City) (State) (Zip) | | | | | | | | |

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 | | | |
| Common Stock, No Par Value | | | | | | | | 8,658 | I | By 401(k) Plan ⁽¹⁾ |
| Common Stock, No Par Value | 07/30/2010 | | M | | 10,000 | A | \$12.14 | 10,000 | D | |
| Common Stock, No Par Value | 07/30/2010 | | S | | 10,000 | D | \$16.9296 | 0 | D | |

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 |
| Non-qualified stock options (right to buy) | \$15.03 | | | | | | 12/18/2004 | 12/18/2014 | Common Stock | 20,000 | 20,000 | D | | |
| Non-qualified stock options (right to buy) | \$14.48 | | | | | | 07/14/2005 ⁽²⁾ | 07/14/2014 | Common Stock | 5,000 | 5,000 | D | | |
| Non-qualified stock options (right to buy) | \$12.14 | 07/30/2010 | | M | | 10,000 | 12/28/2005 | 12/28/2015 | Common Stock | 10,000 | \$0 | 10,000 | D | |
| Non-qualified stock options (right to buy) | \$12.13 | | | | | | 06/27/2008 ⁽³⁾ | 06/27/2014 | Common Stock | 15,000 | 15,000 | D | | |

**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 | Amount or Number of Shares | | | | |
| Non-qualified stock options (right to buy) | \$14.41 | | | | | | | 05/21/2009 ⁽⁴⁾ | 05/21/2015 | Common Stock | 20,000 | | 20,000 | D | |

Explanation of Responses:

1. Represents plan holdings as of 07/30/2010.
2. The option vests in equal annual installments of 1,000 shares commencing on July 14, 2005 and continuing through July 14, 2009.
3. Becomes exercisable in equal annual installments of 20% commencing 06/27/2008.
4. Becomes exercisable in equal annual installments of 20% commencing 05/21/2009.

Martin R. Stephens 08/03/2010

** 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.