WARSHAW HENRY

Form 5

February 15, 2007

SHARE UNITS

OMB APPROVAL FORM 5

OMB UNITED STATES SECURITIES AND EXCHANGE COMMISSION 3235-0362 Number: Washington, D.C. 20549 Check this box if January 31, Expires: no longer subject 2005 to Section 16. Estimated average ANNUAL STATEMENT OF CHANGES IN BENEFICIAL Form 4 or Form burden hours per 5 obligations OWNERSHIP OF SECURITIES response... 1.0 may continue. See Instruction Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, 1(b). Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section Reported 30(h) of the Investment Company Act of 1940 Form 4 Transactions Reported

| 1. Name and Address of Reporting Person * WARSHAW HENRY | | | 2. Issuer Name and Ticker or Trading Symbol ENTERPRISE FINANCIAL SERVICES CORP [EFSC] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) | | |
|---|----------|----------|---|--|--|--|
| (Last) | (First) | (Middle) | 3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 12/31/2006 | X Director 10% Owner Officer (give title below) Other (specify below) | | |
| 150 N. MER | (Street) | | 4 If Amandment Data Original | 6 Individual on Isint/Crown Deporting | | |
| | (Silect) | | 4. If Amendment, Date Original Filed(Month/Day/Year) | 6. Individual or Joint/Group Reporting | | |
| | | | | (check applicable line) | | |
| ST. LOUIS, | MO 631 | 105 | | | | |

| ST. LOUIS, MO 63105 | |
|---------------------|--|
| , | _X_ Form Filed by One Reporting Person |
| | Form Filed by More than One Reporting |

Person

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1. Title of Security 2. Transaction Date 2A. Deemed 3. 4. Securities 5. Amount 7. Nature of Execution Date, if Transaction Acquired (A) or Indirect (Instr. 3) (Month/Day/Year) of Securities Ownership Code Disposed of (D) Beneficially Form: Beneficial (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) Owned at Direct (D) Ownership end of or Indirect (Instr. 4) Issuer's (I) Fiscal Year (Instr. 4) (A) (Instr. 3 and Price (D) Amount **COMMON** Â Â Â Â Â Â Â 343 D **STOCK SELF COMMON** Â Â Â Â Â Â 25,740 Ι **STOCK IRA COMMON SPOUSE** Â Â Â Â Â 25,980 Â Ι **STOCK IRA** RESTRICTED Â Â Â Â Â Â 321

D

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

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.

SEC 2270 (9-02)

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) | (Month/Day/Year) ive es d | | 7. Title and Underlying (Instr. 3 ar |
|--|---|--------------------------------------|---|---|---|---------------------------|--------------------|--------------------------------------|
| | | | | | (A) (D) | Date Exercisable | Expiration Date | Title |
| INCENTIVE STOCK OPTION (RIGHT TO BUY) | \$ 10.33 | Â | Â | Â | Â | 01/01/2004 | 01/01/2009 | COMMO STOCK |
| INCENTIVE STOCK OPTION (RIGHT TO BUY) | \$ 15 | Â | Â | Â | Â | 08/18/2004 | 08/18/2009 | COMM(STOCK |
| NON-QUALIFIED STOCK OPTION (RIGHT TO BUY) | \$ 11.5 | Â | Â | Â | Â | 10/01/2004(1) | 01/01/2012 | COMMO STOCK |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | |
|--|---------------|-----------|---------|-------|--|
| FS | Director | 10% Owner | Officer | Other | |
| WARSHAW HENRY 150 N. MERAMEC ST. LOUIS, MO 63105 | ÂX | Â | Â | Â | |

Signatures

HENRY D.
WARSHAW

**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).
- (1) Effective 10/01/2004 the Board fully vested the oustanding employee and Director stock options.

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Note: File three copies of this Form, one of which must be manually signed. If space provided 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.