| SEC Form 4 | |
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FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

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| Estimated average burden | |
|--------------------------|-----|
| hours per response: | 0.5 |

| 1. Name and Addres | ss of Reporting Person <u>a A</u> | 1* | 2. Issuer Name and Ticker or Trading Symbol <u>ITT Corp</u> [ITT] | | tionship of Reporting Person(s) to Issuer all applicable) Director 10% Owner | | |
|-----------------------------------------------------------------|--------------------------------------|----------|----------------------------------------------------------------------------|-------------------------|------------------------------------------------------------------------------------|--------------------------|--|
| (Last) (First) (Middle) C/O ITT CORP 1133 WESTCHESTER AVE | | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year) 05/07/2013 | | Officer (give title below) | Other (specify below) | |
| (Street) WHITE | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | 6. Indivi Line) X | idual or Joint/Group Filing (Form filed by One Report | | |
| PLAINS | NY | 10604 | | | Form filed by More than C Person | Dne Reporting | |
| (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) | Code (| | 4. Securities / Disposed Of (5) | | | Securities Beneficially | Form: Direct | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---|---------------------------------|--------------------------------------------|-------------------------------------------------------------|--------|---|----------------------------------------|---------------|--------|------------------------------------|--------------|-------------------------------------------------------------------|
| | | | | Code | v | Amount | (A) or (D) | Price | Transaction(s) (Instr. 3 and 4) | | (insu. 4) |
| Γ | Common Stock | 05/07/2013 | | A | | 3,066 ⁽¹⁾ | Α | \$0.00 | 27,928 | 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. Transa Code (8) | | of | | of Expiration Date (Month/Day/Year) Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 | | | and nt of ties ying tive ty (Instr. 3 | 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 | | | | |

Explanation of Responses:

1. Reflects an award of restricted stock units, which are scheduled to vest on the business day immediately prior to the ITT Corporation 2014 annual shareholders' meeting.

<u>(s/ Burt M. Fealing, Secretary</u> of ITT Corporation, <u>by power</u> of attorney for Christina A. <u>Gold</u>

** 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.