

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

| OMB APPROVAL | |
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| 1. Name and Address of Reporting Person* <u>Birns Ira M</u> (Last) (First) (Middle) <u>C/O WORLD FUEL SERVICES CORPORATION</u> <u>9800 N.W. 41ST STREET</u> (Street) <u>MIAMI FL 33178</u> (City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol <u>WORLD FUEL SERVICES CORP [INT]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner X Officer (give title below) Other (specify below) <u>Executive VP & CFO</u> |
| | 3. Date of Earliest Transaction (Month/Day/Year) <u>03/15/2013</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 | | | |
| Common Stock | 03/15/2013 | | F | | 1,803 ⁽¹⁾ | D | \$39.58 ⁽²⁾ | 119,951 | D | |
| Common Stock | 03/15/2013 | | F | | 932 ⁽³⁾ | D | \$39.58 ⁽²⁾ | 119,019 | D | |
| Common Stock | 03/15/2013 | | F | | 3,425 ⁽⁴⁾ | D | \$39.58 ⁽²⁾ | 115,594 | 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 |
| Stock-Settled Stock Appreciation Right | \$39.58 ⁽²⁾ | 03/15/2013 | | A | | 21,083 | | (5) | 03/15/2018 | Common Stock | 21,083 | \$0 | 21,083 | D | |
| Stock-Settled Stock Appreciation Right | \$45.517 ⁽⁶⁾ | 03/15/2013 | | A | | 12,811 | | (5) | 03/15/2018 | Common Stock | 12,811 | \$0 | 12,811 | D | |

Explanation of Responses:

- 6,592 restricted stock units held by the reporting person vested on March 15, 2013. The issuer withheld a sufficient number of shares to cover the reporting person's tax liability associated with these restricted stock units.
- The price shown is the closing price for the issuer's common stock on the NYSE on March 15, 2013.
- 3,406 shares of restricted stock held by the reporting person vested on March 15, 2013. The issuer withheld a sufficient number of shares to cover the reporting person's tax liability associated with these shares of restricted stock.
- 8,338 restricted stock units held by the reporting person vested on March 15, 2013. The issuer withheld a sufficient number of shares to cover the reporting person's tax liability associated with these restricted stock units.
- These Stock-Settled Stock Appreciation Right(s) vest in three equal annual installments beginning on March 15, 2014.
- The price shown is the closing price for the issuer's common stock on the NYSE on March 15, 2013, with a premium of 15%.

/s/ Ira M. Birns

03/19/2013

** 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.