

# FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL  
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).

### STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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 *<br><b>GUILFOILE MARY</b><br><br>(Last) (First) (Middle)<br><b>14701 CHARLSON ROAD</b><br>(Street)<br><b>EDEN PRAIRIE, MN 55347</b><br>(City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol<br><b>C H ROBINSON WORLDWIDE INC [ CHRW ]</b> | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br><input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner<br><input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) |
| 3. Date of Earliest Transaction (MM/DD/YYYY)<br><b>9/30/2016</b>                                                                                                                                     |                                                                                           | 6. Individual or Joint/Group Filing (Check Applicable Line)<br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br><input type="checkbox"/> Form filed by More than One Reporting Person                                                      |
| 4. If Amendment, Date Original Filed (MM/DD/YYYY)                                                                                                                                                    |                                                                                           |                                                                                                                                                                                                                                                                     |

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security<br>(Instr. 3) | 2. Trans. Date | 2A. Deemed<br>Execution<br>Date, if any | 3. Trans. Code<br>(Instr. 8) | 4. Securities Acquired (A)<br>or Disposed of (D)<br>(Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned<br>Following Reported Transaction(s)<br>(Instr. 3 and 4) | 6. Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr.<br>4) | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|------------------------------------|----------------|-----------------------------------------|------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------|
| Common Stock                       | 9/30/2016      |                                         | A                            | 141 (1) A \$70.46                                                       | 2325                                                                                                | D                                                                       |                                                                   |

Table II - Derivative Securities Beneficially Owned ( e.g. , puts, calls, warrants, options, convertible securities)

| 1. Title of Derivate<br>Security<br>(Instr. 3) | 2. Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Trans.<br>Date | 3A. Deemed<br>Execution<br>Date, if any | 4. Trans.<br>Code<br>(Instr. 8) | 5. Number of<br>Derivative<br>Securities Acquired<br>(A) or Disposed of<br>(D)<br>(Instr. 3, 4 and 5) | 6. Date Exercisable and<br>Expiration Date | 7. Title and Amount of<br>Securities Underlying<br>Derivative Security<br>(Instr. 3 and 4) | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 4) | 10. Ownership<br>Form of<br>Derivative<br>Security:<br>Direct (D)<br>or Indirect<br>(I) (Instr.<br>4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|------------------------------------------------|--------------------------------------------------------------------|-------------------|-----------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| Phantom Stock<br>(Restricted Stock<br>Units)   | (2)                                                                | 9/30/2016         |                                         | A                               | 443 (3)                                                                                               | (4) (4)                                    | Common<br>Stock                                                                            | 443                                                 | \$0.00                                                                                                                     | 4766                                                                                                  | D                                                                  |

#### Explanation of Responses:

- ( The reporting person was granted 141 shares at a price of \$70.46 per share in connection her election to receive shares in lieu of a portion of the quarterly cash retainer payment.
- ( Each phantom share/restricted stock unit will be paid in one share of common stock
- ( The reporting person was granted 443 restricted stock units at no cost as a quarterly installment of the annual equity-based award provided to each non-employee director.
- ( Following the reporting person's termination of service as a director, vested restricted stock units become payable in shares of common stock according to the schedule previously chosen by the reporting person.

#### Reporting Owners

| Reporting Owner Name / Address                                  | Relationships |           |         |       |
|-----------------------------------------------------------------|---------------|-----------|---------|-------|
|                                                                 | Director      | 10% Owner | Officer | Other |
| GUILFOILE MARY<br>14701 CHARLSON ROAD<br>EDEN PRAIRIE, MN 55347 | X             |           |         |       |

#### Signatures

/s/ Troy Renner, Attorney-in-Fact for Mary Guilfoile

10/4/2016

\*\* 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 control number.