# FORM 4

☐ Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. *See* Instruction 1(b).

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

**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

(Print or Type Responses)

| 1. Name and Address of Reporting Person[*] <br> Falvey Mary R <br><br> (Last) (First) (Middle) <br> WYNDHAM WORLDWIDE CORPORATION, 22 SYLVAN WAY <br><br> (Street) <br><br> PARSIPPANY, NJ 07054 <br><br> (City) (State) (Zip) | 2. Issuer Name **and** Ticker or Trading Symbol <br> WYNDHAM WORLDWIDE CORP [WYN] <br><br> 3. Date of Earliest Transaction (Month/Day/Year) <br> 02/27/2018 <br><br> 4. If Amendment, Date Original Filed(Month/Day/Year) | 5. Relationship of Reporting Person(s) to Issuer <br> (Check all applicable) <br> ___ Director     ___ 10% Owner <br> _X_ Officer (give title below)   ___ Other (specify below) <br> Exec. VP & Chief HR Officer <br><br> 6. Individual or Joint/Group Filing(Check Applicable Line) <br> _X_ Form filed by One Reporting Person <br> ___ Form filed by More than One Reporting Person |

**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 | 02/27/2018 | | A | | 21,755 (1) | A | $ 0 | 81,172 | D | |
| Common Stock | 02/27/2018 | | F | | 10,080 (2) | D | $ 115.96 | 71,092 | D | |
| Common Stock | | | | | | | | 34,309 (3) | 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.**

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**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 Underlying Securities (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 of Derivative Security: 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 | | | | |

# Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---|---|---|---|
| | Director | 10% Owner | Officer | Other |
| Falvey Mary R <br> WYNDHAM WORLDWIDE CORPORATION <br> 22 SYLVAN WAY <br> PARSIPPANY, NJ 07054 | | | Exec. VP & Chief HR Officer | |

# Signatures

| /s/ Scott G. McLester as Attorney-in-Fact for Mary R. Falvey | 03/01/2018 |
|---|---|

# 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 )**   Common stock acquired under the Wyndham Worldwide Corporation 2006 Equity and Incentive Plan on vesting of previously-granted restricted stock units which vested on February 27, 2018.

**( 2 )**   Common stock withheld as payment of tax liability incident to the vesting of restricted stock units granted in accordance with Rule 16b-3.

**( 3 )**   Includes restricted stock units as previously reported.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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