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

| OMB APPRO                | OVAL      |  |  |  |  |
|--------------------------|-----------|--|--|--|--|
| OMB Number:              | 3235-0287 |  |  |  |  |
| Estimated average burden |           |  |  |  |  |
| hours per response       | 0.5       |  |  |  |  |

longer subject to Section 16. Form 4 or Instruction 1(b).

### STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Form 5 obligations may 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 Re  | esponses)   |  |   |  |       |  |  |  |                   |  |   |  |  |                                  |   |  |           |           |
|--|---|--|---|--|-------|--|--|--|-------------------|--|---|--|--|----------------------------------|---|--|-----------|-----------|
| 1. Name and Address of Reporting Person *- HOLMES STEPHEN P          |   |  |   | 2. Issuer Name and Ticker or Trading Symbol WYNDHAM WORLDWIDE CORP [WYN] |       |  |  |  |                   |  |   | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner |  |                                  |   |  |           |           |
| (Kast) (First) (Middle) WYNDHAM WORLDWIDE CORPORATION, 22 SYLVAN WAY |   |  |   | 3. Date of Earliest Transaction (Month/Day/Year) 06/15/2016              |       |  |  |  |                   |  |   |  | X Officer (give title below) Other (specify below)  Chairman, President & CEO  |                                  |   |  |           |           |
| (Street) PARSIPPANY, NJ 07054  |   |  |   | 4. If Amendment, Date Original Filed(Month/Day/Year)                     |       |  |  |  |                   |  |   |  | 6. Individual or Joint/Group Filing/Check Applicable Line) X_Form filed by One Reporting Person Form filed by More than One Reporting Person |                                  |   |  |           |           |
| (City) (State) (Zip)   |   |  |   | Table I - Non-Derivative Securities Acqui                                |       |  |  |  |                   |  | s Acquire   | ired, Disposed of, or Beneficially Owned   |  |                                  |   |  |           |           |
| (Instr. 3) Date  |   | 2. Transaction<br>Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date, i<br>any<br>(Month/Day/Year |  |       | (Instr. 8)                                 | (A) or Disposed of   |  | posed of          | (D) C  | i. Amount of Securities Beneficially<br>Dwned Following Reported<br>Fransaction(s)<br>Instr. 3 and 4) |  | 6.<br>Owner<br>Form:<br>Direct   | rship of<br>Be                   | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership               |  |           |           |
|  |   |  |   |  |       | Code                                       | V  | Am   | ount              | (A) or<br>(D)  | Price   |  |  | (                                |   | irect (Ir  | Instr. 4) |           |
| Common Sto   | nmon Stock 06/15/2016   |  |   |  |       | M  |  | 179  | ,726              | A 3  | \$ 31.85 1  | ,197,250   |  |                                  | D   |  |           |           |
| Common Sto   | Common Stock 06/15/2016   |  |   |  |       | D  |  | 83,8   | 311               | D S  | \$ 1<br>68.3  | ,113,439   |  |                                  | D   |  |           |           |
| Common Stock 06/15/2016  |   | 06/15/2016                                 |   |  | F     |  | 49,7<br>(1)  | 733  | D S               | \$ 1<br>68.3   | ,063,706  |  |  | D                                |   |  |           |           |
| Common Sto   | Common Stock  |  |   |  |       |  |  |  |                   |  |   | 1  | 88,738 (2)   |                                  |   | D  |           |           |
| Reminder: Repor  | rt on a separa  | ate line for each cla                      | ss of securities bene<br>Table II                         | - Derivativ  | ve Se | ecuri                                      | ctly or indir  | Personal this to curre   | form a<br>ently v | are no<br>valid<br>d of, o   | ot requi<br>OMB co<br>r Benefic   | red to re<br>ontrol nu<br>cially Ov  |  |                                  |   |  | SEC 147   | 74 (9-02) |
| Security   | 2. 3. Transaction Conversion or Exercise Price of Derivative Security 3. Transaction (Month/Day/Year) |  |   | 4. 5. if Transaction D Code Scar) (Instr. 8) A on (I                     |       | 5. N<br>Der<br>Secon<br>Acq<br>or E<br>(D) | lumber of ivative urities puired (A) Disposed of tr. 3, 4, | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |                   | 7. Title and Amount<br>of Underlying<br>Securities<br>(Instr. 3 and 4) |   | 8. Price of<br>Derivative<br>Security<br>(Instr. 5)  |  | Ov<br>Fo<br>De<br>Se<br>Di<br>or | vnership<br>rm of<br>crivative<br>curity:<br>rect (D)<br>Indirect | 11. Nature<br>of Indirect<br>Beneficial<br>Ownershij<br>(Instr. 4) |           |           |
|  |   |  |   | Code   | V     | (A)  | (D)  | Date<br>Exerc  | isable            | Expir<br>Date  | ration  | Title  | Amoun<br>or<br>Number<br>of Share  |                                  | (Instr. 4)  | (Ir  | str. 4)   |           |
| Stock-<br>Settled<br>Stock<br>Appreciation                           | \$ 31.85  | 06/15/2016                                 |   | М  |       |  | 179,726<br>(3)   | (  | <u>(4)</u>        | 08/0   | 01/2016   | Comn   | 11/9./.  | \$ 0                             | 0   |  | D         |           |

# **Reporting Owners**

|               |   | Relationships |              |                           |       |  |  |  |
|---------------|---|---------------|--------------|---------------------------|-------|--|--|--|
|               | Reporting Owner Name / Address  | Director      | 10%<br>Owner | Officer                   | Other |  |  |  |
| WYNI<br>22 SY | MES STEPHEN P<br>DHAM WORLDWIDE CORPORATION<br>LVAN WAY<br>IPPANY, NJ 07054 | X             |              | Chairman, President & CEO |       |  |  |  |

## **Signatures**

| /s/ Scott G. McLester as Attorney-in-Fact for Stephen P. Holmes | 06/17/2016 |
|---|------------|
| **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) Consists of shares of common stock withheld as payment of tax liability.
- (2) Restricted stock units as previously reported.
- (3) Transaction to exercise previously granted stock-settled stock appreciation rights. All of the net shares received upon the exercise were retained by the reporting person.
- (4) Vested ratably over period of four years on each anniversary of August 1, 2006.

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