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

| (Print or Type Responses) 1. Name and Address of Reporting Person* Rossi Nicola | | | | 2. Issuer Name and Ticker or Trading Symbol WYNDHAM WORLDWIDE CORP [WYN] | | | | | | | 5 | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)Director 10% Owner | | | | | | |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------|--------------------|---------------------|-----------------------------------------------------------------------------|------------------|-------|-------------|-----------------------------------------------------------------|-----------------------------------------|-------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------|-------------------------------------------------|-------------|
| (Last) (First) (Middle) WYNDHAM WORLDWIDE CORPORATION, 22 SYLVAN WAY | | | | 3. Date of Earliest Transaction (Month/Day/Year) 02/28/2017 | | | | | | | | X Officer (give title below) Other (specify below) Sr. VP & Chief Account. Ofc. | | | | | | |
| (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 PersonForm filed by More than One Reporting Person | | | | | |
| (City) (State) (Zip) | | | | Table I - Non-Derivative Securities Acqui | | | | | | | quir | ired, Disposed of, or Beneficially Owned | | | | | | |
| 1.Title of Security (Instr. 3) 2. Transaction Date (Month/Day/Year | | | | | (Instr. 8) | | etion | 4. Securities Acquire (A) or Disposed of (I (Instr. 3, 4 and 5) | | | D) Beneficially Owned Following Reported Transaction(s) | | | ollowing | Ownership of Form: | Beneficial | | |
| | | | | (Month/Day/Year) | | | ode | v | Amour | (A) or (D) | Prio | Ì | (Instr. 3 and 4) | | | Direct (D) or Indirect (I) (Instr. 4) | Ownership (Instr. 4) | |
| Common | Stock | (| 02/28/2017 | | | | 1 | A | | 856 ⁽¹ | A | \$ 0 | 3 | 3,185 | | | D | |
| Common Stock | | (| 02/28/2017 | | | |] | F | | 319 (2 | D | \$ 83.2 | 24 | 2,866 | | D | | |
| Common Stock 02 | | 02/28/2017 | | A 4,024 A \$ 0 | | ç | 9,645 (4) | | | D | | | | | | | | |
| Reminder: | Report on a s | separate line for | each class of secur | Deriva | ative Sec | uriti | ies Ac | equire | Pers cont the f | ons whained i | no resp n this f splays | orm a cui | are irrent | not requ tly valid | | ormation spond unle trol numbe | ss | 1474 (9-02) |
| 1. Title of | 2 | 3. Transaction | 3A. Deemed | | uts, calls 4. | | rrant 5. | ts, op | | | | | | le and | & Drice of | 9. Number | of 10. | 11. Natu |
| | Conversion or Exercise Price of Derivative Security | Date (Month/Day/Yo | Execution Da | tte, if Transaction Code Year) (Instr. 8) | | ion | | | and Expiration Date (Month/Day/Year) | | A U S | Amount of Underlying Securities (Instr. 3 and 4) | | | Derivative Securities Beneficially Owned Following Reported Transaction(s (Instr. 4) | Owners Form o Derivat Security Direct (or Indir | hip of Indire Beneficial Ownersh (Instr. 4) D) | |
| | | | | Code | V | (A) | (D) | Date Exer | cisable | Expirati Date | ion T | Γitle | Amount or Number of Shares | | | | | |

Reporting Owners

| | Relationships | | | | | | |
|----------------------------------------------------------------------------------------|---------------|--------------|------------------------------|-------|--|--|--|
| Reporting Owner Name / Address | | 10% Owner | Officer | Other | | | |
| Rossi Nicola WYNDHAM WORLDWIDE CORPORATION 22 SYLVAN WAY PARSIPPANY, NJ 07054 | | | Sr. VP & Chief Account. Ofc. | | | | |

Signatures

| /s/ Scott G. McLester as Attorney-in-Fact for Nicola Rossi | 03/02/2017 |
|------------------------------------------------------------|------------|
| | |

| **Cinatana CD matina Dana | Date |
|--------------------------------|-------|
| —Signature of Reporting Person | 2 u.e |
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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 performance vested restricted stock units which vested on February 28, 2017.
- (2) Common stock withheld as payment of tax liability incident to the vesting of performance vested restricted stock units granted in accordance with Rule 16b-3.
- Restricted stock units granted under the Wyndham Worldwide Corporation 2006 Equity and Incentive Plan. The units vest in four equal installments on each of the first four appropriate of February 27, 2017, subject to the reporting person's continued employment. The reporting person will receive one share of common stock for each vested.
- (3) anniversaries of February 27, 2017, subject to the reporting person's continued employment. The reporting person will receive one share of common stock for each vested restricted stock unit.
- (4) 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.

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.