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

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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

Name and Address of Reporting Person * Falvey Mary R			2. Issuer Name and Ticker or Trading Symbol WYNDHAM WORLDWIDE CORP [WYN]						5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
(Last) (First) (Middle) WYNDHAM WORLDWIDE CORPORATION, 22 SYLVAN WAY			3. Date of Earliest Transaction (Month/Day/Year) 04/08/2010									pelow)	
(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				
(Zip)	Т	able I -	Non	-Deri	ivative S	Securities	s Acqu	ired, Disp	osed of, or l	Beneficially	Owned		
1.Title of Security (Instr. 3) 2. Transaction Date (Month/Day/Year		Code (Instr. 8)		ction	ion 4. Securities Acquire (A) or Disposed of (D) (Instr. 3, 4 and 5)		of	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)			Ownership Form: Direct (D)	Beneficial Ownership	
		Со	ode	V	Amour	(A) or (D)	Price				or Indirect (I) (Instr. 4)	(Instr. 4)	
04/08/2010		S	S		1,400 (1)	D	\$ 27	53,446			D		
04/09/2010		S	S		4,900 (1)	D	\$ 27	48,546			D		
04/12/2010		S	S		500 (1	D	\$ 27	48,046			D		
								139,002	(2)		D		
Table II - I	Derivative Securit	ties Acc	quire s, opt	Persontathe fo	ons whained in orm dis	no respo n this fo splays a of, or Ber tible secu	rm are curre neficia urities)	e not requently valid	uired to res	spond unle trol numbe	ess er.	1474 (9-02)	
Derivative Conversion Date Execution Date or Exercise (Month/Day/Year) any		, if Transaction Number Of		and Expiration Date (Month/Day/Year) Am Un Sec			ount of Derivative Security (Instr. 5)		Derivative Securities Beneficially Owned Following Reported	Owners Form of Derivat Security Direct (or Indir	Ownersh (Instr. 4) D) ect		
								Amount					
	(Middle) E AN WAY (Zip) 2. Transaction Date (Month/Day/Year) 04/08/2010 04/09/2010 04/12/2010 to for each class of security Table II - I (a) Execution Data (a) (b) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	(Middle) E AN WAY 3. Date of Earlies 04/08/2010 4. If Amendment (Zip) T 2. Transaction Date (Month/Day/Year) (Month/Day/Year) 04/08/2010 04/09/2010 04/12/2010 Table II - Derivative Securities beneficially of the company	WYNDHAM WOR (Middle) 3. Date of Earliest Trans 04/08/2010 4. If Amendment, Date of Execution Date of Execution Date, if any (Month/Day/Year) 22. Transaction Date (Month/Day/Year) 04/08/2010 04/08/2010 24. Deemed Execution Date, if any (Month/Day/Year) Code of Execution Date, if any (Month/Day/Year) 25. Trable II - Derivative Securities Accused the Execution Date, if any (Month/Day/Year) 26. Trable II - Derivative Securities Accused the Execution Date, if any (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Instr. 8) Derivative Securities Accused (E.g., puts, calls, warrants) (A) or Disposor of (D) (Instr. 8)	WYNDHAM WORLDY 3. Date of Earliest Transaction 04/08/2010 4. If Amendment, Date Origin 2. Transaction Date (Month/Day/Year) 2. Transaction Date (Month/Day/Year) 2. Transaction Date (Month/Day/Year) 2. Transaction Date (Instr. 8) Code 04/08/2010 S 04/09/2010 S 04/12/2010 S Table II - Derivative Securities Acquire (e.g., puts, calls, warrants, optons) Execution Date, if any (Month/Day/Year) S Table II - Derivative Securities Acquire (e.g., puts, calls, warrants, optons) (Month/Day/Year) (Month/Day/Year) (Instr. 8) Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, optons)	WYNDHAM WORLDWID (Middle) 3. Date of Earliest Transaction (Mod/08/2010 4. If Amendment, Date Original File (Zip) Table I - Non-Derivative Securities Acquired, Disposed of (D) (Month/Day/Year) Table II - Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, decirated) (Middle) 3. Date of Earliest Transaction (Mod/08/2010) 3. Transaction Code (Instr. 8) Code V Code V Personal Securities Deneficially owned directly or incomplete the file of the file o	WYNDHAM WORLDWIDE COF AN WAY 4. If Amendment, Date Original Filed(Month Day 04/08/2010 Table I - Non-Derivative Securities (A) or 1,400 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	WYNDHAM WORLDWIDE CORP [WY 3. Date of Earliest Transaction (Month/Day/Year) 04/08/2010 4. If Amendment, Date Original Filed(Month/Day/Year) 2. Transaction Date (Month/Day/Year) 3. Transaction Code (Instr. 8) (Instr. 3, 4 and 5 (Instr. 4, 4 and 5	WYNDHAM WORLDWIDE CORP [WYN] 3. Date of Earliest Transaction (Month/Day/Year) 04/08/2010 4. If Amendment, Date Original Filed(Month/Day/Year) 2. Transaction Date (Month/Day/Year) 2. Transaction (Month/Day/Year) 2. Transaction Date (Instr. 8) (D) (Instr. 3, 4 and 5) Code V Amount (A) or (D) Price (Instr. 8) (D) (Instr. 3, 4,900 (I) D S Table II - Derivative Securities Acquired, Disposed of, or Beneficia (e.g., puts, calls, warrants, options, convertible securities) Table II - Derivative Securities Acquired, Disposed of, or Beneficia (e.g., puts, calls, warrants, options, convertible securities) (Instr. 8) Persons who respond to contained in this form and Expersion Date (a.g., puts, calls, warrants, options, convertible securities) (Instr. 8) Persons who respond to contained in this form and Expersion Date (a.g., puts, calls, warrants, options, convertible securities) (Instr. 8) (In	WYNDHAM WORLDWIDE CORP [WYN] Mynder Mynder	WYNDHAM WORLDWIDE CORP [WYN] All famendment, Date of Earliest Transaction (Month/Day/Year)	WYNDHAM WORLDWIDE CORF [WYN] Check all appli Check all appli	WYNDHAM WORLDWIDE CORP [WYN] Check all applicable 10% Owner 10% Owner	

Kepor ung Owners

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

Signatures

/s/ Scott G. McLester as Attorney-in-Fact for Mary R. Falvey	04/12/2010
**Signature of Reporting Person	Date
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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) The sale reported on this Form 4 was effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on March 11, 2010.
- (2) Includes restricted stock units granted under the Wyndham Worldwide Corporation 2006 Equity and Incentive Plan 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.