Koehler Bryson R Form 4 March 27, 2019

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

0.5

January 31, Expires: 2005

OMB APPROVAL

response...

Estimated average burden hours per

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Check this box

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

(Print or Type Responses)

1(b).

(Last)

(City)

1. Name and Address of Reporting Person *

(First)

(State)

Koehler Bryson R

2. Issuer Name and Ticker or Trading

Symbol

REALOGY HOLDINGS CORP.

[RLGY]

3. Date of Earliest Transaction

X_ Director

Issuer

below)

10% Owner Officer (give title Other (specify

C/O REALOGY HOLDINGS CORP., 175 PARK AVENUE

> (Street) 4. If Amendment, Date Original

(Middle)

(Zip)

Filed(Month/Day/Year)

(Month/Day/Year)

03/25/2019

6. Individual or Joint/Group Filing(Check

5. Relationship of Reporting Person(s) to

(Check all applicable)

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

MADISON, NJ 07940

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3) (Month/Day/Year)

4. Securities 3. TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned Following Reported

Transaction(s)

(Instr. 3 and 4)

6. Ownership 7. Nature of Form: Direct (D) or Indirect (I) (Instr. 4)

Indirect Beneficial Ownership (Instr. 4)

Common

Stock, \$0.01 par

value

03/25/2019

Code V Amount

Α

20 (1)

\$0 2,746 Α

Price

(A)

or

(D)

D

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	orNumber	Expiration D	ate	Amount	t of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underly	ing	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative		Securitie	es	(Instr. 5)	Bene	
	Derivative				Securities			(Instr. 3	and 4)		Own
	Security				Acquired						Follo
	•				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
								^	mount		
									mount		
						Date	Expiration	Title N			
						Exercisable	Date		Title Number of		
				C + V	(A) (D)						
				Code V	(A) (D)			S	hares		

Reporting Owners

Relationships Reporting Owner Name / Address

10% Owner Officer Other Director

Koehler Bryson R C/O REALOGY HOLDINGS CORP. 175 PARK AVENUE MADISON, NJ 07940



Signatures

/s/ Colleen Johnson, as attorney-in-fact for Bryson R. Koehler

03/27/2019

**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).
- Consist of shares underlying dividend equivalent units (DEU's) on restricted stock units. The DEU's accrued in connection with a **(1)** quarterly cash dividend paid on March 25, 2019. The DEUs vest on the same terms as the underlying restricted stock units, as applicable.

Remarks:

Exhibit 24.1 - Power of Attorney of Bryson R. Koehler. **Previously filed.

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. d>

Reporting Owners 2

) 23

(7

Derivatives designated as hedge

Aluminum

13 26 33 4 35 Strategic Nickel (17 (33 (2 (50 Explanation of Responses: 7

)

(2

17

33

50

137

)

(9

)

94

128

Foreign exchange cash flow hedge

41

19

	19
	(13
)	
	(27
	(13
)	
	(31
)	
	14
	16
	14
	44
	(17
	/22
	(33

9

Explanation of Responses:

)

17 (50)

(14)

(5

' 141

5

143

Total

358

Explanation of Responses:

10

146

120

17

20

37

	239
)	(112
	597
)	(342
)	(128
)	(2*
)	(11)
)	(15:
)	(12-
	14
	<u> </u>
	143
	140
	120

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Unrealized gains (losses) in the period are included in our income statement under the caption of gains (losses) on derivatives, net.

Final maturity dates for the above instruments are as follows:

Interest rates/ Currencies	December 2019
Bunker Oil	December 2011
Nickel	December 2012

21 Subsequent Event

In July 11, 2011, we announced that it has agreed to request by Metorex Limited (Metorex) to terminate the agreement in relation to previously announced offer to acquire the controlling of this copper and cobalt producer.

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BOARD OF DIRECTORS, FISCAL COUNCIL, ADVISORY COMMITTEES AND EXECUTIVE OFFICERS

Board of Directors

Ricardo José da Costa Flores

Chairman

Mário da Silveira Teixeira Júnior

Vice-President

Fuminobu Kawashima

José Mauro Mettrau Carneiro da Cunha

José Ricardo Sasseron Luciano Galvão Coutinho Oscar Augusto de Camargo Filho

Paulo Soares de Souza Renato da Cruz Gomes

Robson Rocha

Nelson Henrique Barbosa Filho

Alternate

Eduardo de Oliveira Rodrigues Estáquio Wagner Guimarães Gomes

Deli Soares Pereira Hajime Tonoki João Moisés de Oliveira Luiz Carlos de Freitas

Marco Geovanne Tobias da Silva Paulo Sergio Moreira da Fonseca Raimundo Nonato Alves Amorim Sandro Kohler Marcondes

Advisory Committees of the Board of Directors

Controlling Committee

Luiz Carlos de Freitas Paulo Ricardo Ultra Soares

Paulo Roberto Ferreira de Medeiros

Executive Development Committee

João Moisés de Oliveira José Ricardo Sasseron

Oscar Augusto de Camargo Filho

Strategic Committee

Murilo Pinto de Oliveira Ferreira

Governance and Sustainability Committee

Gilmar Dalilo Cezar Wanderley Renato da Cruz Gomes Ricardo Simonsen

Fiscal Council

Marcelo Amaral Moraes

Chairman

Aníbal Moreira dos Santos Antonio Henrique Pinheiro Silveira

Arnaldo José Vollet

Alternate

Cícero da Silva

Marcus Pereira Aucélio

Oswaldo Mário Pêgo de Amorim Azevedo

Executive Officers

Murilo Pinto de Oliveira Ferreira

Chief Executive Officer

Vania Lucia Chaves Somavilla

Executive Officer for Human Resources and Corporate Services

Eduardo de Salles Bartolomeo

Executive Officer for Integrated Bulk Operations

Eduardo Jorge Ledsham

Executive Office for Exploration, Energy and Projects

Guilherme Perboyre Cavalcanti

Chief Financial Officer and Investor Relations

José Carlos Martins

Executive Officer for Marketing, Sales and Strategy

Mario Alves Barbosa Neto Executive Officer for Fertilizers

Tito Botelho Martins

Executive Officer for Base Metals Operations

Luciano Galvão Coutinho Mário da Silveira Teixeira Júnior Oscar Augusto de Camargo Filho Ricardo José da Costa Flores

Finance Committee

Guilherme Perboyre Cavalcanti Eduardo de Oliveira Rodrigues Filho Luciana Freitas Rodrigues Luiz Maurício Leuzinger Marcus Vinicius Dias Severini Chief Officer of Accounting and Control Department

Vera Lucia de Almeida Pereira Elias Chief Accountant CRC-RJ - 043059/O-8

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Signatures

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Vale S.A. (Registrant)

By:

/s/ Roberto Castello Branco Roberto Castello Branco Director of Investor Relations

Date: 28 July, 2011