

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL	
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1. Name and Address of Reporting Person* <u>JELLISON BRIAN D</u> (Last) (First) (Middle) C/O ROPER TECHNOLOGIES, INC. 6901 PROFESSIONAL PARKWAY EAST,SUITE 200 (Street) SARASOTA FL 34240 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>ROPER TECHNOLOGIES INC [ROP]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) CEO & President
	3. Date of Earliest Transaction (Month/Day/Year) 12/19/2017	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person 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	12/19/2017		M		94,403	A	\$55.22	1,448,575	D	
Common Stock	12/19/2017		S ⁽¹⁾		46,146	D	\$259.75 ⁽²⁾	1,402,429	D	
Common Stock	12/19/2017		S ⁽¹⁾		5,117	D	\$260.59 ⁽³⁾	1,397,312	D	
Common Stock	12/20/2017		M		55,597	A	\$55.22	1,452,909	D	
Common Stock	12/20/2017		S ⁽¹⁾		17,350	D	\$258.99 ⁽⁴⁾	1,435,559	D	
Common Stock	12/20/2017		S ⁽¹⁾		12,887	D	\$259.66 ⁽⁵⁾	1,422,672	D	

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 Securities Underlying Derivative Security (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: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Employee Stock Option (right to buy)	\$55.22	12/19/2017		M			94,403	02/17/2009	02/17/2018	Common Stock	94,403	\$0.00	345,597	D	
Employee Stock Option (right to buy)	\$55.22	12/20/2017		M			55,597	02/17/2009	02/17/2018	Common Stock	55,597	\$0.00	290,000	D	

Explanation of Responses:

- Transactions pursuant to a 10b5-1 Trading Plan. Prior to the transactions, Mr. Jellison beneficially owned 1,354,172 shares. As a result of the transactions, Mr. Jellison acquired 68,500 shares and after the transactions owns 1,422,672 shares.
- The price reported is the weighted average price for the 46,146 shares that have been sold to cover the exercise price and withholding tax liability. The individual range of prices for this transaction is \$259.14 to \$260.13. The reporting person undertakes to provide to Roper Technologies, Inc., any security holder of Roper Technologies, Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of Common Shares withheld at each separate price within the range set forth in this Footnote.
- The price reported is the weighted average price for the 5,117 shares that have been sold to cover the exercise price and withholding tax liability. The individual range of prices for this transaction is \$260.15 to \$261.14. The reporting person undertakes to provide to Roper Technologies, Inc., any security holder of Roper Technologies, Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of Common Shares withheld at each separate price within the range set forth in this Footnote.
- The price reported is the weighted average price for the 17,350 shares that have been sold to cover the exercise price and withholding tax liability. The individual range of prices for this transaction is \$258.47 to \$259.47. The reporting person undertakes to provide to Roper Technologies, Inc., any security holder of Roper Technologies, Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of Common Shares withheld at each separate price within the range set forth in this Footnote.
- The price reported is the weighted average price for the 12,887 shares that have been sold to cover the exercise price and withholding tax liability. The individual range of prices for this transaction is \$259.48 to \$260.33. The reporting person undertakes to provide to Roper Technologies, Inc., any security holder of Roper Technologies, Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of Common Shares withheld at each separate price within the range set forth in this Footnote.

Remarks:

/s/ John K. Stipancich,
 Attorney-in-Fact for Brian D. Jellison 12/20/2017

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

* 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).

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

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 Number.