



# 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) Transactions reported on this Form 4 were made pursuant to trading instructions adopted by the undersigned on January 31, 2013 that are intended to comply with Rule 10b5-1(c).
- (2) The option vests in four equal annual installments beginning on the first anniversary of the grant date, unless that date falls on a non-business date, in which case the next business date shall apply.

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.