

**NATIONAL INSTRUMENT 54-101
COMMUNICATION WITH BENEFICIAL OWNERS
OF SECURITIES OF A REPORTING ISSUER
FORM 54-101F5
ELECTRONIC FORMAT FOR NOBO LIST**

Note: Terms used in this Form have the meanings given to them in National Instrument 54-101. The use of this Form is referenced in sections 1.1, 1.3, 2.5, 2.9, 2.10, 2.11, 4.1, 6.1, 7.1 and 10.4 of National Instrument 54-101.

HEADER RECORD DESCRIPTION	TYPE	LENGTH	COMMENTS
RECORD TYPE	A	1	Header record = A
FINS NUMBER	A	4	Prefix T, M, V or C
ISIN ¹	A	12	
FILLER	X	3	Blank
SECURITY DESC.	A	32	Security Description
RECORD DATE	N	8	Format YYYYMMDD
CREATION DATE	N	8	Format YYYYMMDD
FILLER	X	250	Blank
DETAIL RECORD DESCRIPTION	TYPE	LENGTH	COMMENTS
RECORD TYPE	A	1	Detail Record = B
FINS NUMBER	A	4	Same as in Header record
ISIN ¹	A	12	
FILLER	X	3	Blank
FILLER	X	20	Blank
NAME	A	32	Holder Name
ADDRESS	A	32 x6	Occurs 6 times
FILLER	X	32	Blank
POSTAL CODE	A	9	
POSTAL REGION	A	1	C-Canada; U-USA; F-Foreign (other than USA); H-Hand Deliver
FILLER	X	2	Blank
E-MAIL ADDRESS	A	32	
LANGUAGE CODE	A	1	E-English; F-French
NUMBER OF SHARES	N	9	Shareholder Position
RECEIVE ALL MATERIAL	A	1	Y/N
AGREE TO ELECTRONIC DELIVERY BY INTERMEDIARY	A	1	Y/N
TRAILER RECORD DESCRIPTION	TYPE	LENGTH	COMMENTS
RECORD TYPE	A	1	Trailer record = C
FINS NUMBER	A	4	Same as in Header record
ISIN ¹	A	12	
FILLER	X	3	Blank
TOTAL SHAREHOLDERS	N	7	Number of "B" type records
TOTAL SHARES	N	11	Total shares on "B" records
FILLER	X	280	Blank

¹ "ISIN" means International Stock Identification Number.

WARNING: IT IS AN OFFENCE TO USE A NOBO LIST FOR PURPOSES OTHER THAN IN CONNECTION WITH:

- a. sending securityholder materials to NOBOs in accordance with National Instrument 54-101;
- b. an effort to influence the voting of securityholders of the reporting issuer;
- c. an offer to acquire securities of the reporting issuer; or
- d. any other matter relating to the affairs of the reporting issuer.