

National Instrument 54-101
Communication with Beneficial Owners
of Securities of a Reporting Issuer
Form 54-101F5
Electronic Format for NOBO List

HEADER RECORD DESCRIPTION	TYPE	LENGTH	POSITION	COMMENTS
RECORD TYPE	A	1	1	Header record = A
FINS NUMBER	A	4	2-5	Prefix T,M,V or C
ISIN	A	12	6-17	
FILLER	X	3	18-20	Blank
SECURITY DESC.	A	32	21-52	Security Description
RECORD DATE	N	8	53-60	Format YYYYMMDD
CREATION DATE	N	8	61-68	Format YYYYMMDD
FILLER	X	250	69-318	Blank
DETAIL RECORD DESCRIPTION	TYPE	LENGTH	POSITION	COMMENTS
RECORD TYPE	A	1	1	Detail Record = B
FINS NUMBER	A	4	2-5	Same as in Header record
ISIN	A	12	6-17	
FILLER	X	3	18-20	Blank
FILLER	X	20	21-40	Blank
NAME	A	32	41-72	Holder Name
ADDRESS	A	32 x 6	73- 264	Occurs 6 times
FILLER	X	32	265- 296	Blank
POSTAL CODE	A	9	297- 305	
POSTAL REGION	A	1	306	C=Canada; U=USA; F=Foreign; (other than USA); H=Hand Deliver
NOTICE AND ACCESS	A	1	307	Y=Full Package; N=Notice Only
FILLER	X	1	308	Blank
E-MAIL ADDRESS	A	32	309- 340	
LANGUAGE CODE	A	1	341	E=English; F=French

NUMBER OF SHARES	N	9	342- 350	Shareholder Position
RECEIVE ALL MATERIAL	A	1	351	A – ALL Material, S – Material for SPECIAL Meetings only, D – DECLINE to receive Materials
AGREE TO ELECTRONIC DELIVERY BY INTERMEDIARY	A	1	352	Y/N
TRAILER RECORD DESCRIPTION	TYPE	LENGTH	POSITION	COMMENTS
RECORD TYPE	A	1	1	Trailer record = C
FINS NUMBER	A	4	2-5	Same as in Header Record
ISIN	A	12	6-17	
FILLER	X	3	18-20	
TOTAL SHAREHOLDERS	N	7	21-27	Number of “B” type records
TOTAL SHARES	N	11	27-38	Total Shares on “B” type records
FILLER	X	280	39-318	Blank