

3M Canada EDI Guidelines

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Introduction

Objective

In an ongoing effort to streamline business functions and strengthen business relationships, InfoAccess.net/3M Canada has made Electronic Data Interchange (EDI) available to each of their suppliers. More than just technology, InfoAccess.net/3M Canada regards EDI as a process that improves the efficiency of the entire supply chain by establishing strategic partnerships. InfoAccess.net/3M Canada objective is to utilize EDI to establish new business relationships and to strengthen existing partnerships.

General Requirements

3M Canada has mandated that all suppliers establish and maintain an initial Purchase Order (850) and Invoice (810) EDI partnership. The Text Message (864) will also be sent to notify the supplier of any errors that are encountered during invoice processing.

- **Purchase Orders and Functional Acknowledgements:** All EDI suppliers will be sent an EDI purchase order, as well as a faxed purchase order when in EDI parallel testing. During parallel testing, the EDI Purchase order is the equivalent to the corresponding paper order. *However, the paper copy will hold “final say” in any EDI question on data translation.* Once parallel testing is completed and the supplier is moved to full production with EDI, faxed copies of orders will be stopped by 3M Canada. As evidence that documents have been received, InfoAccess.net requires the receiver of the purchase order to return a functional acknowledgment within 24 hours. It is the sender’s responsibility to monitor transmissions for overdue acknowledgments.
- **Invoices and Functional Acknowledgements:** During parallel, all EDI Suppliers are required to send an electronic invoice to InfoAccess.net in accordance to our specifications, as well as send a copy of the invoice to 3M Canada directly for payment. When in production, deviations from InfoAccess.net requirements may result in invoice rejection, thus delaying the payment process. Functional acknowledgments will be returned within 24 hours. It is the sender’s responsibility to monitor transmissions for overdue acknowledgments.
- **Text Message and Functional Acknowledgements:** All EDI suppliers will be sent an EDI Text Message, as well as a email version of the 864 Text Message while in EDI parallel testing. Once parallel testing is completed and the supplier is moved to full production with EDI, the email version of the Text Message document will be stopped, unless supplier requests for the email version to continue. As evidence that documents have been received, InfoAccess.net requires the receiver of the Text Message to return a functional acknowledgment within 24 hours. It is the sender’s responsibility to monitor transmissions for overdue acknowledgments.

Problem Resolution

InfoAccess.net aims to identify and resolve problems in a timely manner and in such a way that recurrence of the problem is eliminated. Please report EDI issues to the InfoAccess.net EDI department at edi@infoaccess.net.

Communication

InfoAccess.net will perform send/receive sessions with our VAN, Sterling Commerce every 30 minutes. Sessions will run Sunday through Saturday, starting at 7:15 am EST and ending at 7:45 pm EST.

Testing Procedures

The following testing steps will be used to establish a successful trading partner relationship:

1. InfoAccess.net will request EDI communication information from each supplier. Each party will be responsible for confirming that Communication ids are set up on their respective VAN.
2. Once the trading relationship has been setup, Supplier will be turned on for parallel testing. InfoAccess.net will send 850 test orders to the supplier upon receipt from 3M Canada.
3. Supplier is to return Functional Acknowledgement to InfoAccess.net for all 850's.
4. Supplier will send InfoAccess.net a Test invoice for a Purchase Order that was sent to supplier via EDI.
5. InfoAccess.net will return a Functional Acknowledgment to Supplier for 810.
6. Invoice will be Translated and reviewed by InfoAccess.net Processing Team.
7. Any errors found in invoice processing will be reported to the supplier through the 864 Text Message transaction set and an email notification. A list of Rejection reasons are included with these specifications.
8. Supplier will send 997 back to InfoAccess.net for 864
9. Cycle will continue until InfoAccess.net and Supplier are comfortable with moving to full production on EDI.
10. Once all transactions have been tested, InfoAccess.net/3M Canada/Supplier will decide on EDI production date.
11. A Production Notification Form will be sent to each supplier with all the necessary EDI production information. When we move to production, each supplier will be assigned a production/start date. In production, we will only be able to process invoices with a Purchase Order date equal to or after the assigned supplier start date. Invoices for Purchase Orders with a start date prior to the assigned date will need to be sent directly to 3M Canada for processing.

Trading Partner Profile

EDI Information

Please direct general EDI inquiries to edi@infoaccess.net

Name	Title	Phone	Email
Marianne O'Verko	EDI Coordinator	216-328-0100 x 201	moverko@infoaccess.net
Kathy Cerny	EDI Specialist	216-328-0100 x 229	kcerny@infoaccess.net

EDI Profile

	<i>Production</i>	<i>Test</i>
ISA Qualifier	ZZ	ZZ
ISA Sender / Receiver ID	IAN3MCAN	IAN3MCAN
GS Sender / Receiver ID	IAN3MCAN	IAN3MCAN
Segment Terminator	Hex A1 ~	Hex A1 ~
Element Separator	Hex 5C *	Hex 5C *
Sub-Element Separator	Hex 3E >	Hex 3E >
Transaction Sets	850, 810, 864	
Value Added Network Standard	STERLING COMMERCE (also AS2 enabled via iSoft) X12 004010	

EDI Requirement Details

- During testing process, InfoAccess.net will need to receive a test invoice for the test purchase order that was sent.
- The line item number sent on the EDI 850 Purchase Order must be the same line number returned on the 810 Invoice. For example, if PO1 01 on the Purchase Order for the item number is 001, then the IT1 01 on the Invoice for same item number must be 001
- The Quantity Unit of Measure used on the Purchase Order must be the same Quantity Unit of Measure used on the Invoice. Suppliers using a different Quantity unit of measure will be required to do the conversion on their end and then transmit the invoice.
- The Pricing Unit of Measure used on the Purchase Order must be the same as the Pricing Unit of Measure used on the Invoice. Suppliers using a different pricing unit of measure on the invoice will be required to do the conversion on their end and then transmit the invoice.
- The N1 Vendor Segment must be sent on the invoice. The invoice needs to contain the N1 04 value sent in the N1 Vendor segment on the PO.
- Invoices are expected to contain all positive values.
- The N4 02 Province Code is mandatory on the 810 Invoice, when the Purchase Order is a Drop Ship order. (BEG 01 = “DS”)

It is imperative for the above requirements to be followed. If they are not, the invoices will be rejected and payment may be delayed.

Invoice Processing and Rejection (864 Text Message)

If your invoice does not meet the 3M Canada business rules, you will receive an 864 Text Message transaction set detailing the rejection reason. Please follow the below supplier actions for correcting the invoice. The following table outlines the various rejection notices that you may receive.

<i>Rejection Reason</i>	<i>Rejection Description</i>	<i>Supplier Action</i>	<i>EDI Value</i>
NO PURCHASE ORDER EXISTS	No Po Exists	Contact your 3M Canada buyer to request that they submit an electronic copy of the purchase order to InfoAccess.net	BIG 04 is not a valid PO in InfoAccess.net system
TRANSACTION TYPE CANNOT BE BLANK	Each invoice must detail whether the invoice is a Products/Service Invoice or a Credit Invoice.	Correct the Invoice Type and resend the invoice	BIG 07 must be either PR or CR
CURRENCY SEGMENT IS MANDATORY ON INVOICE	The invoice must contain the Currency type used. CAD or USD	Add the Currency segment and resend the invoice.	CUR segment CUR 01 and 02 are required. CUR 02 should be BY
SHIP TO PROVINCE CANNOT BE BLANK	When an order is a drop ship PO, the invoice needs to have the ship to Province included.	Add Province Code and resend.	N4 02 **See specs for valid list of Province Codes to use **
Line Number Missing or Incorrect	Invoice line number is missing, or does not match 3M Canada's purchase order line number.	Correct the Line Number discrepancy and resubmit the invoice.	IT1 01
Line# must be numeric on the invoice	Invoice line number is invalid	Correct the Line Number and resubmit the invoice.	IT1 01
LINE# 1 QUANTITY UOM MUST MATCH WHAT IS USED ON THE PO~	The quantity UOM is missing, or you are invoicing in a unit of measure that differs from that on the	The unit of measure on your invoice must match the unit of measure on the purchase order. Correct your invoice and	IT1 03

	purchase order.	resubmit.	
LINE# 1 PRICE UOM MUST MATCH WHAT IS USED ON THE PO~	You are invoicing in a pricing unit of measure that differs from that on the purchase order.	The unit of measure on your invoice must match the unit of measure on the purchase order. Correct your invoice and resubmit.	IT1 05
LINE# 3 ITEM ON INVOICE BUT NOT ON PURCHASE ORDER	Invoice line number does not match 3M Canada's purchase order line number.	Correct the Line Number discrepancy and resubmit the invoice.	IT1 01
INVOICE NUMBER CANNOT CONTAIN A SPECIAL CHARACTER	Your invoice number can not contain any special characters.	Correct the invoice number and resend the invoice	BIG 02
REGISTRATION NUMBER IS REQUIRED	Tax registration number is required when tax is charged on invoice.	Add Registration number to REF segment and resend the invoice	REF 02 **See specs for what qualifier to use for each tax**
TAX TYPE DOES NOT MATCH CODE LIST	The code sent in the TXI 01 does not match the list of valid codes in the Specifications.	Correct tax type code and resend the invoice	TXI 01 **See specs for list of valid codes**
SHIP TO NAME CANNOT BE BLANK	Invoice ship to name was blank	Please correct invoice and resend.	N1 02
INVOICE NUMBER WAS PREVIOUSLY SENT IN THE PAST 24 HOURS IT WAS LAST SENT ON 5/21/2008 3:13:18 PM	System does not allow for a duplicate invoice to be sent twice within 24 hours.	Please contact InfoAccess.net (3mca@infoaccess.net) If the invoice was not sent in error, we will push through and send to 3M Canada.	BIG 02
ALLOWANCE/CHARGE CODE [D240] DOES NOT MATCH CODE LIST	Allowance/Charge codes must be one that is outlined in the 3M Canada EDI Specifications	Please correct the Allowance/Charge code and resend the invoice.	SAC 02 **See specs for list of valid codes**

850 Purchase Order Mapping Guidelines

SEGMENT: **ISA - INTERCHANGE CONTROL HEADER**

LEVEL: ENVELOPE

USAGE: MANDATORY

PURPOSE: TO START AND IDENTIFY AN INTERCHANGE OF ONE OR MORE FUNCTIONAL GROUPS AND INTERCHANGE RELATED CONTROLS.

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/COMMENTS
ISA01	I01	AUTHORIZATION INFO. QUAL	M ID 2/2	00 (ZEROES)
ISA02	I02	AUTHORIZATION INFORMATION	M AN 10/10	BLANKS
ISA03	I03	SECURITY INFORMATION QUAL	M ID 2/2	00 (ZEROES)
ISA04	I04	SECURITY INFORMATION	M AN 10/10	BLANKS
ISA05	I05	INTERCHANGE ID QUALIFIER	M ID 2/2	ZZ
ISA06	I06	INTERCHANGE SENDER ID	M ID 15/15	IAN3MCAN
ISA07	I05	INTERCHANGE ID QUALIFIER	M ID 2/2	RECEIVERS ISA QUALIFIER
ISA08	I07	INTERCHANGE RECEIVER ID	M ID 15/15	RECEIVERS ISA ID
ISA09	I08	INTERCHANGE DATE	M DT 6/6	YYMMDD
ISA10	I09	INTERCHANGE TIME	M TM 4/4	HHMM
ISA11	I10	INTERCHANGE STANDARDS ID	M ID 1/1	U - U.S. EDI COMMUNITY OF X12
ISA12	I11	INTERCHANGE VERSION ID	M ID 5/5	00401 - VERSION 4, RELEASE 1
ISA13	I12	INTERCHANGE CONTROL NUMBER	M N0 9/9	SEQUENTIALLY ASSIGNED BY TRADING PARTNER
ISA14	I13	ACKNOWLEDGMENT REQUESTED	M ID 1/1	0 - NO INTERCHANGE ACK. REQUESTED
ISA15	I14	TEST INDICATOR	M ID 1/1	T - TEST P - PRODUCTION
ISA16	I15	SUBELEMENT SEPARATOR	M AN 1/1	> (HEX 3E)
		SEGMENT TERMINATOR		~ (HEX 7E)

850 Purchase Order Mapping Guidelines

SEGMENT: **GS - FUNCTIONAL GROUP HEADER**

LEVEL: GROUP

USAGE: MANDATORY

PURPOSE: TO INDICATE THE BEGINNING OF A FUNCTIONAL GROUP AND TO PROVIDE CONTROL INFORMATION.

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/COMMENTS
GS01	479	FUNCTIONAL ID	M ID 2/2	'PO' 850 PURCHASE ORDER
GS02	142	APPLICATION SENDER'S CODE	M AN 2/15	IAN3MCAN
GS03	124	APPLICATION RECEIVER'S CODE	M AN 2/15	RECEIVERS GS ID
GS04	373	DATE	M DT 8/8	CCYYMMDD
GS05	337	TIME	M TM 4/8	HHMM OR HHMMSS
GS06	28	GROUP CONTROL NUMBER	M N0 1/9	SEQUENTIALLY ASSIGNED BY TRADING PARTNER
GS07	455	RESPONSIBLE AGENCY CODE	M ID 1/2	X - ASC X12
GS08	480	VERSION	M ID 1/12	004010

SEGMENT: **ST - TRANSACTION SET HEADER**

LEVEL: HEADER

USAGE: MANDATORY

MAX USE: 1

PURPOSE: TO INDICATE THE START OF A TRANSACTION SET AND TO ASSIGN A CONTROL NUMBER.

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
ST01	143	TRANSACTION SET ID CODE	M ID 3/3	'850' - PURCHASE ORDER
ST02	329	TRANSACTION SET CONTROL NO.	M AN 4/9	SEQUENTIALLY ASSIGNED BY IA.NET TRANSLATOR. MATCHES CONTROL NUMBER IN SE SEGMENT

SEGMENT: **BEG - BEGINNING SEGMENT FOR PURCHASE ORDER**

LEVEL: HEADER

USAGE: MANDATORY

MAX USE: 1

PURPOSE: INDICATES BEGINNING OF A PURCHASE ORDER TRANSACTION SET AND TRANSMITS IDENTIFYING NUMBERS AND DATES.

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
BEG01	353	TRANSACTION SET PURPOSE CODE	M ID 2/2	'00' ORIGINAL = NEW '05' REPLACE = REPLACES PREVIOUS ORDER '01' CANCELLATION = REMOVE PO FROM SYSTEM '06' CONFIRMATION = USED IF ORDER HAS PREVIOUSLY BEEN PLACED
BEG02	92	PURCHASE ORDER TYPE CODE	M ID 2/2	'CF' CONFIRMATION 'CP' CHANGE TO PURCHASE ORDER 'DS' DROP SHIP 'NE' NEW ORDER 'ZZ' MUTUALLY DEFINED
BEG03	324	PURCHASE ORDER NUMBER	M AN 1/22	PURCHASE ORDER NUMBER
BEG05	373	PURCHASE ORDER DATE	M DT 8/8	CCYYMMDD - PURCHASE ORDER DATE

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SEGMENT: **CUR - CURRENCY**
 LEVEL: HEADER
 USAGE: OPTIONAL
 MAX USE: 1
 PURPOSE: TO SPECIFY THE CURRENCY (DOLLARS, POUNDS, FRANCS, ETC) USED IN A TRANSACTION

FIELD DATA				
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
CUR01	98	ENTITY IDENTIFIER CODE	M ID 2/3	'BY' BUYING PARTY (PURCHASER)
CUR02	100	CURRENCY CODE	M ID 3/3	'CAD' CANADIAN DOLLARS 'USD' US DOLLAR

SEGMENT: **PER - ADMINISTRATIVE COMMUNICATION CONTACT**
 LEVEL: HEADER
 USAGE: OPTIONAL
 MAX USE: 3
 PURPOSE: TO IDENTIFY A PERSON OR OFFICE TO WHOM ADMINISTRATIVE COMMUNICATIONS SHOULD BE DIRECTED

FIELD DATA				
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
PER01	366	CONTACT FUNCTION CODE	M ID 2/2	'BD' = BUYER NAME OR DEPARTMENT NAME 'SC' = SCHEDULE CONTACT
PER02	93	NAME	O AN 1/30	BUYER NAME/REQUESTOR NAME/CONTACT NAME
PER03	365	COMMUNICATION NUMBER QUAL	C ID 2/2	'TE'
PER04	364	COMMUNICATION NUMBER	C AN 1/25	TELEPHONE NUMBER
PER05	365	COMMUNICATION NUMBER QUAL	C ID 2/2	'FX'
PER06	364	COMMUNICATION NUMBER	C AN 1/25	FAX NUMBER
PER07	365	COMMUNICATION NUMBER QUAL	C ID 2/2	'EM'
PER08	364	COMMUNICATION NUMBER	C AN 1/80	ELECTRONIC MAIL
PER09	443	CONTACT INQUIRY REFERENCE	O AN 1/20	TEXT DESCRIBING THE CONTACT ROLE

SEGMENT: **TAX - TAX REFERENCE**
 LEVEL: HEADER
 USAGE: MANDATORY
 MAX USE: >1
 PURPOSE: TO PROVIDE DATA REQUIRED FOR PROPER NOTIFICATION/DETERMINATION OF APPLICABLE TAXES APPLYING TO THE TRANSACTION OR BUSINESS DESCRIBED IN THE TRANSACTION

FIELD DATA				
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/COMMENTS
TAX 01	325	TAX ID NUMBER	O AN 1/20	TAX ID NUMBER *** See Note ***
TAX 02	309	LOCATION QUALIFIER	C ID 1/2	'SP' PROVINCIAL SALES TAX 'CC' FEDERAL SALES TAX
TAX 03	310	LOCATION IDENTIFIER	C AN 1/30	DESCRIPTION OF TAX QUALIFIER CODE 'PROVINCIAL SALES TAX ' OR 'FEDERAL SALES TAX'
TAX 12	441	TAX EXEMPT CODE	O ID 1/1	'1' = TAX EXEMPTED '2' = NOT TAX EXEMPTED

**** 3M Canada's PST tax license number provided with the Provincial Sales Tax Record ****

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SEGMENT: **FOB - F.O.B. RELATED INSTRUCTIONS**
 LEVEL: HEADER
 USAGE: OPTIONAL
 MAX USE: 1
 PURPOSE: TO SPECIFY TRANSPORTATION INSTRUCTIONS RELATING TO SHIPMENT

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/COMMENTS
FOB01	146	SHIP METHOD OF PAYMENT	M ID 2/2	'CC' = COLLECT 'PP' = PREPAID 'PC' = PREPAID and CHARGED 'CF' = COLLECT AND ALLOWED 'NR' = NOT APPLICABLE, NO FREIGHT ALLOWED 'TP' = THIRD PARTY BILLING
FOB02	309	LOCATION QUALIFIER	C ID 1/2	'OR' = ORIGIN (SHIPPING POINT)
FOB03	352	DESCRIPTION	O AN 1/80	DESCRIPTION of FOB 01
FOB06	309	LOCATION QUALIFIER	Y ID 1/2	'AC' CITY AND STATE/PROVINCES
FOB07	352	DESCRIPTION	O AN 1/80	DESCRIPTION

SEGMENT: **ITD - TERMS OF SALE/DEFERRED TERMS OF SALE**
 LEVEL: HEADER
 USAGE: OPTIONAL
 MAX USE: 1
 PURPOSE: TO SPECIFY TERMS OF SALE

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/COMMENTS
ITD01	336	TERMS TYPE CODE	O ID 2/2	'05' DISCOUNT NOT APPLICABLE '08' BASIC DISCOUNT OFFERED '09' PROXIMO '14' PREVIOUSLY AGREED UPON
ITD02	333	TERMS BASIS DATE CODE	O ID 1/2	'3' INVOICE DATE
ITD03	338	TERMS DISCOUNT PERCENT	O R3 1/6	PERCENT DISCOUNT
ITD04	370	DATE PAYMENT IS DUE	C DT 8/8	
ITD05	351	TERMS DISCOUNT DAYS DUE	C NO 1/3	DISCOUNT DAYS DUE
ITD07	386	TERMS NET DAYS	O NO 1/3	NET DAYS
ITD08	362	TERMS DISCOUNT AMOUNT	O N2 1/10	TOTAL AMOUNT OF TERMS DISCOUNT
ITD12	352	DESCRIPTION	O AN 1/80	TERMS DESCRIPTION

*** If the ITD 01 = "05" then the ITD 07 is required ***

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SEGMENT: **TD5 - CARRIER DETAILS**
 LEVEL: HEADER
 LOOP:
 USAGE: OPTIONAL
 MAX USE: 12
 PURPOSE: TO SPECIFY THE CARRIER AND SEQUENCE OF ROUTING AND PROVIDE TRANSIT TIME INFORMATION.

FIELD DATA				
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
TD505	387	ROUTING	C AN 1/35	ROUTING INFORMATION

SEGMENT: **N9 - REFERENCE IDENTIFICATION**
 LEVEL: HEADER
 LOOP: N9.....REPEAT: 1000
 USAGE: OPTIONAL
 MAX USE: 1
 PURPOSE: TO TRANSMIT IDENTIFYING INFORMATION IN TEXT FORMAT.

FIELD DATA				
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
N901	128	REFERENCE IDENTIFICATION QUALIFIER	M ID 2/3	'L1' = CONSTANT VALUE
N902	127	REFERENCE IDENTIFICATION	C AN 1/30	'SEGMENT NTE'

SEGMENT: **MSG - MESSAGE TEXT**
 LEVEL: HEADER
 LOOP: N9
 USAGE: OPTIONAL
 MAX USE: 1000
 PURPOSE: TO PROVIDE A FREE-FORM FORMAT THAT ALLOWS THE TRANSMISSION OF TEXT INFORMATION

FIELD DATA				
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
MSG01	933	FREE-FORM MESSAGE TEXT	M AN 1/80	ADDITIONAL INSTRUCTIONS

SEGMENT: **N1 - NAME**
 LEVEL: HEADER
 LOOP: N1 REPEAT: 200
 USAGE: OPTIONAL
 MAX USE: 1
 PURPOSE: TO IDENTIFY A PARTY BY TYPE OF ORGANIZATION, NAME AND CODE.

FIELD DATA				
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
N101	98	ENTITY IDENTIFIER CODE	M ID 2/3	'BT' = BILL TO 'ST' = SHIP TO 'VN' = VENDOR
N102	93	NAME	C AN 1/60	BILL TO, SHIP TO, VENDOR NAME
N103	66	IDENTIFICATION CODE QUALIFIER	C ID 1/2	'92'
N104	67	IDENTIFICATION CODE	C AN 2/10	SEE APPENDIX A FOR SHIP TO CODES

*** Will send 3 occurrences, Bill to, Ship to and Vendor ***

*** If Ship to N1 04 = 001999, order is a Drop Ship. Ship to N3 and N4 segments will not be sent when order is a Drop Ship. Address information of where the order is to be shipped will be included in the Header level MSG segment ***

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SEGMENT: **N2 - ADDITIONAL NAME INFORMATION**
 LEVEL: HEADER
 LOOP: N2 REPEAT: 200
 USAGE: OPTIONAL
 MAX USE: 1
 PURPOSE: TO SPECIFY THE ADDITIONAL ADDRESS INFORMATION

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
N201	93	ADDITIONAL NAME	M AN 1/60	SHIP TO, BILL TO, VENDOR ADDITIONAL NAME
N202	93	ADDITIONAL NAME	O AN 1/60	SHIP TO, BILL TO, VENDOR ADDT'L NAME

SEGMENT: **N3 - ADDRESS INFORMATION**
 LEVEL: HEADER
 LOOP: N1 REPEAT: 200
 USAGE: OPTIONAL
 MAX USE: 2
 PURPOSE: TO SPECIFY THE LOCATION OF THE NAMES PARTY.

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
N301	166	ADDRESS INFORMATION	M AN 1/55	SHIP TO, BILL TO, VENDOR ADDRESS INFORMATION
N302	166	ADDRESS INFORMATION	O AN 1/55	SHIP TO, BILL TO, VENDOR ADDRESS INFORMATION

SEGMENT: **N4 - GEOGRAPHIC LOCATION**
 LEVEL: HEADER
 LOOP: N1
 USAGE: OPTIONAL
 MAX USE: >1
 PURPOSE: TO SPECIFY THE GEOGRAPHIC PLACE OF THE NAMED PARTY.

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
N401	19	CITY NAME	O AN 2/30	SHIP TO, BILLTO, VENDOR, CONFIRM CITY
N402	156	STATE	O ID 2/2	SHIP TO, BILLTO, VENDOR, CONFIRM STATE/PROVINCE CODE
N403	116	POSTAL CODE	O ID 3/15	SHIP TO, BILLTO, VENDOR, CONFIRM POSTAL CODE
N404	26	COUNTRY CODE	O ID 2/3	SHIP TO, BILLTO, VENDOR, CONFIRM COUNTRY CODE

850 Purchase Order Mapping Guidelines

SEGMENT: **PER - ADMINISTRATIVE COMMUNICATION CONTACT**
 LEVEL: HEADER
 USAGE: OPTIONAL
 MAX USE: 1
 PURPOSE: TO IDENTIFY A PERSON OR OFFICE TO WHOM ADMINISTRATIVE COMMUNICATIONS SHOULD BE DIRECTED

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
PER01	366	CONTACT FUNCTION CODE	M ID 2/2	'SR' = SALES REPRESENTATIVE
PER02	93	NAME	O AN 1/60	BUYER NAME/REQUESTOR NAME/CONTACT NAME
PER03	365	COMMUNICATION NUMBER QUAL	C ID 2/2	'TE'
PER04	364	COMMUNICATION NUMBER	C AN 1/25	TELEPHONE NUMBER
PER05	365	COMMUNICATION NUMBER QUAL	C ID 2/2	'FX'
PER06	364	COMMUNICATION NUMBER	C AN 1/25	FAX NUMBER
PER07	365	COMMUNICATION NUMBER QUAL	C ID 2/2	'EM'
PER08	364	COMMUNICATION NUMBER	C AN 1/80	ELECTRONIC MAIL
PER09	443	CONTACT INQUIRY REFERENCE	O AN 1/20	TEXT DESCRIBING THE CONTACT ROLE

SEGMENT: **PO1 - PURCHASE ORDER BASELINE ITEM DATA**
 LEVEL: DETAIL
 LOOP: PO1 REPEAT: 100000
 USAGE: MANDATORY
 MAX USE: 1
 PURPOSE: TO SPECIFY BASIC AND MOST FREQUENTLY USED PURCHASE ORDER LINE ITEM DATA.

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
PO101	350	ASSIGNED IDENTIFICATION	M AN 1/06	LINE NUMBER (** See Comments below**)
PO102	330	QUANTITY ORDERED	C R 1/15	QUANTITY ORDERED
PO103	355	UNIT OF MEASURE CODE	O ID 2/2	SEE VALID EDI CODES
PO104	212	UNIT PRICE	C R5 1/17	UNIT COST
PO105	639	BASIS OF UNIT PRICE CODE	O ID 2/2	'PE' = PRICE PER EACH 'AP' = ADVISE PRICE
PO106	235	PRODUCT/SERV ID QUALIFIER	C ID 2/2	'IN' = BUYERS ITEM NUMBER
PO107	234	PRODUCT ID	C AN 1/20	BUYERS PART NUMBER
PO108	235	PRODUCT ID QUALIFIER	C ID 2/2	'VN' = VENDORS ITEM NUMBER
PO109	234	PRODUCT ID	C AN 1/20	VENDORS PART NUMBER

*** The PO101 line number sent on the Purchase order will need to correspond with the IT101 line number returned on the invoice.
 (Ex. PO101 = 1000 for item XXX, the IT101 = 1000 for item XXX)
 *** Vendor Part Number will only be sent if 3M Canada has this information on file. ***

850 Purchase Order Mapping Guidelines

SEGMENT: PID - PRODUCT/ITEM DESCRIPTION
 LEVEL: DETAIL
 LOOP: PID REPEAT: 1000
 USAGE: OPTIONAL
 MAX USE: 250
 PURPOSE: TO DESCRIBE A PRODUCT OR PROCESS IN CODED OR FREE FORM FORMAT

FIELD DATA				
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
PID01	349	ITEM DESCRIPTION TYPE	M ID 1/1	'F'
PID05	352	DESCRIPTION	M ID 1/80	FREE FORM DESCRIPTION

SEGMENT: DTM - DATE/TIME REFERENCE
 LEVEL: DETAIL
 USAGE: OPTIONAL
 MAX USE: 10
 PURPOSE: TO SPECIFY PERTINENT DATES AND TIMES

FIELD DATA				
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
DTM01	374	DATE/TIME QUALIFIER	M ID 3/3	'002' - ARRIVAL DATE '010' = REQUESTED SHIP
DTM02	373	DATE	C DT 8/8	DATE : CCYYMMDD

SEGMENT: N9 - REFERENCE IDENTIFICATION
 LEVEL: DETAIL
 LOOP: N9.....REPEAT: 1000
 USAGE: OPTIONAL
 MAX USE: 1
 PURPOSE: TO TRANSMIT IDENTIFYING INFORMATION AS SPECIFIED BY THE REFERENCE IDENTIFICATION QUALIFIER.

FIELD DATA				
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
N901	128	REFERENCE IDENTIFICATION QUALIFIER	M ID 2/3	'L1' = CONSTANT VALUE
N902	127	REFERENCE IDENTIFICATION	C AN 1/30	'SEGMENT NOTE'

SEGMENT: MSG - MESSAGE TEXT
 LEVEL: DETAIL
 USAGE: OPTIONAL
 MAX USE: >1
 PURPOSE: TO PROVIDE A FREE-FORM FORMAT THAT ALLOWS THE TRANSMISSION OF TEXT INFORMATION

FIELD DATA				
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
MSG01	933	FREE-FORM MESSAGE TEXT	M AN 1/80	ADDITIONAL INSTRUCTIONS

850 Purchase Order Mapping Guidelines

SEGMENT: **CTT - TRANSACTION TOTALS**
 LEVEL: SUMMARY
 USAGE: MANDATORY
 MAX USE: 1
 PURPOSE: TO TRANSMIT A HASH TOTAL FOR A SPECIFIC ELEMENT IN THE TRANSACTION SET.

FIELD DATA				
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
CTT01	354	NUMBER OF LINE ITEMS	M NO 1/6	NUMBER OF PO1 SEGMENTS IN THE TRANSACTION SET

SEGMENT: **SE - TRANSACTION SET TRAILER**
 LEVEL: SUMMARY
 USAGE: MANDATORY
 MAX USE: 1
 PURPOSE: TO INDICATE THE END OF THE TRANSACTION SET AND PROVIDE THE COUNT OF THE TRANSMITTED SEGMENTS.

FIELD DATA				
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
SE01	96	NUMBER OF INCLUDED SEGMENTS	M NO 1/10	TOTAL NO. OF SEGMENTS IN TRANSACTION INCLUDING ST AND SE
SE02	329	TRANSACTION SET CONTROL NO.	M AN 4/9	SAME NUMBER AS IN ST02 FOR THE TRANSACTION SET

SEGMENT: **GE - GROUP CONTROL TRAILER**
 LEVEL: GROUP
 USAGE: MANDATORY
 MAX USE: 1
 PURPOSE: TO INDICATE THE END OF A FUNCTIONAL GROUP AND TO PROVIDE CONTROL INFORMATION.

FIELD DATA				
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
GE01	97	NUMBER OF INCLUDED	M NO 1/6	TOTAL NUMBER OF TRANSACTION SETS INCLUDED IN TRANSACTION SETS. THE FUNCTIONAL GROUP (ST) TERMINATED BY THIS TRAILER
GE02	28	DATA INTERCHANGE CONTROL NO.	M NO 1/9	SAME NUMBER AS IN GS06 FOR THE GROUP

SEGMENT: **IEA - INTERCHANGE CONTROL TRAILER**
 LEVEL: ENVELOPE
 USAGE: MANDATORY
 PURPOSE: DEFINES THE END OF AN INTERCHANGE OF ONE OR MORE FUNCTIONAL GROUPS AND INTERCHANGE RELATED CONTROL SEGS

FIELD DATA				
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
IEA01	I16	NUMBER OF INCLUDED GROUPS	M NO 1/5	THE COUNT OF GS SEGMENTS WITHIN THE TRANSMISSION
IEA02	I12	INTERCHANGE CONTROL NUMBER	M NO 9/9	SAME NUMBER AS IN ISA13 FOR THE TRANSMISSION (INTERCHANGE)

810 Invoice Mapping Guidelines

SEGMENT: **ISA - INTERCHANGE CONTROL HEADER**

LEVEL: ENVELOPE

USAGE: MANDATORY

PURPOSE: TO START AND IDENTIFY AN INTERCHANGE OF ONE OR MORE FUNCTIONAL GROUPS AND INTERCHANGE RELATED CONTROLS.

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/COMMENTS
ISA01	I01	AUTHORIZATION INFO. QUAL	M ID 2/2	00 (ZEROES)
ISA02	I02	AUTHORIZATION INFORMATION	M AN 10/10	BLANKS
ISA03	I03	SECURITY INFORMATION QUAL	M ID 2/2	00 (ZEROES)
ISA04	I04	SECURITY INFORMATION	M AN 10/10	BLANKS
ISA05	I05	INTERCHANGE ID QUALIFIER	M ID 2/2	SENDER'S ISA QUALIFIER
ISA06	I06	INTERCHANGE SENDER ID	M ID 15/15	SENDER'S ISA ID
ISA07	I05	INTERCHANGE ID QUALIFIER	M ID 2/2	ZZ
ISA08	I07	INTERCHANGE RECEIVER ID	M ID 15/15	IAN3MCAN
ISA09	I08	INTERCHANGE DATE	M DT 6/6	YYMMDD
ISA10	I09	INTERCHANGE TIME	M TM 4/4	HHMM
ISA11	I10	INTERCHANGE STANDARDS ID	M ID 1/1	U - U.S. EDI COMMUNITY OF X12
ISA12	I11	INTERCHANGE VERSION ID	M ID 5/5	00401 - VERSION 4, RELEASE 1
ISA13	I12	INTERCHANGE CONTROL NUMBER	M N0 9/9	SEQUENTIALLY ASSIGNED BY TRADING PARTNER
ISA14	I13	ACKNOWLEDGMENT REQUESTED	M ID 1/1	0 - NO INTERCHANGE ACK. REQUESTED
ISA15	I14	TEST INDICATOR	M ID 1/1	T - TEST P - PRODUCTION
ISA16	I15	SUBELEMENT SEPARATOR	M AN 1/1	> (HEX 3E)
		SEGMENT TERMINATOR		~ (HEX 7E)

810 Invoice Mapping Guidelines

SEGMENT: **GS - FUNCTIONAL GROUP HEADER**

LEVEL: GROUP

USAGE: MANDATORY

PURPOSE: TO INDICATE THE BEGINNING OF A FUNCTIONAL GROUP AND TO PROVIDE CONTROL INFORMATION.

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/COMMENTS
GS01	479	FUNCTIONAL ID	M ID 2/2	'IN' 810 Invoice
GS02	142	APPLICATION SENDER'S CODE	M AN 2/15	SENDER'S GS NUMBER
GS03	124	APPLICATION RECEIVER'S CODE	M AN 2/15	IAN3MCAN
GS04	373	DATE	M DT 8/8	CCYYMMDD
GS05	337	TIME	M TM 4/8	HHMM OR HHMMSS
GS06	28	GROUP CONTROL NUMBER	M N0 1/9	SEQUENTIALLY ASSIGNED BY TRADING PARTNER
GS07	455	RESPONSIBLE AGENCY CODE	M ID 1/2	X - ASC X12
GS08	480	VERSION	M ID 1/12	004010

SEGMENT: **ST - TRANSACTION SET HEADER**

LEVEL: HEADER

USAGE: MANDATORY

MAX USE: 1

PURPOSE: TO INDICATE THE START OF A TRANSACTION SET AND TO ASSIGN A CONTROL NUMBER.

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/COMMENTS
ST01	143	TRANSACTION SET ID CODE	M ID 3/3	'810' - INVOICE
ST02	329	TRANSACTION SET CONTROL NO.	M AN 4/9	SEQUENTIALLY ASSIGNED BY TRADING PARTNER

SEGMENT: **BIG - BEGINNING SEGMENT FOR INVOICE**

LEVEL: HEADER

USAGE: MANDATORY

MAX USE: 1

PURPOSE: INDICATES BEGINNING OF AN INVOICE TRANSACTION SET AND TRANSMITS IDENTIFYING NUMBERS AND DATES.

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/COMMENTS
BIG01	373	INVOICE DATE	M DT 8/8	INVOICE DATE (CCYYMMDD)
BIG02	76	INVOICE NUMBER	M AN 1/22	INVOICE NUMBER
BIG03	373	PURCHASE ORDER DATE	M DT 8/8	3M PURCHASE ORDER DATE (CCYYMMDD)
BIG04	324	PURCHASE ORDER NUMBER	M AN 1/22	3M PURCHASE ORDER NUMBER
BIG05	328	RELEASE NUMBER	O AN 1/30	RELEASE NUMBER (if sent on 850, must be returned on Invoice)
BIG 07	640	TRANSACTION TYPE CODE	M ID 2/2	'CR' = CREDIT MEMO 'PR' = PRODUCT OR SERVICE INVOICE

810 Invoice Mapping Guidelines

SEGMENT: **CUR - CURRENCY**
 LEVEL: HEADER
 USAGE: MANDATORY
 MAX USE: 1
 PURPOSE: TO SPECIFY THE CURRENCY (DOLLARS, POUNDS, FRANCS, ETC) USED IN A TRANSACTION

FIELD DATA				
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
CUR01	98	ENTITY IDENTIFIER CODE	M ID 2/3	'BY' BUYING PARTY (PURCHASER)
CUR02	100	CURRENCY CODE	M ID 3/3	'CAD' CANADIAN DOLLARS 'USD' US DOLLAR

SEGMENT: **REF - REFERENCE IDENTIFICATION**
 LEVEL: HEADER
 USAGE: OPTIONAL
 MAX USE: 12
 PURPOSE: TO SPECIFY IDENTIFYING INFORMATION

FIELD DATA				
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/COMMENTS
REF01	128	REFERENCE IDENT. QUALIFIER	M ID 2/3	'GT' = GST REGISTRATION NUMBER '40' = QST REGISTRATION NUMBER 'ZZ' = OTHER
REF02	127	REFERENCE IDENTIFICATION	C AN 1/30	REGISTRATION NUMBER
REF03	352	DESCRIPTION	O AN 1/80	DESCRIPTION

***** 3M requires a REF segment to be sent with REF01 = 'GT' and REF 02 = GST number , if the TXI segment is sent with TXI01 = 'GS' and TXI 02 not = 0. 3M requires a REF segment to be sent with REF01 = '40' and REF 02 = QST registration number, if the TXI segment is sent with TXI01 = 'OH' and TXI 02 not = 0. *****

SEGMENT: **N1 - NAME**
 LEVEL: HEADER
 LOOP: N1 REPEAT: 200
 USAGE: MANDATORY
 MAX USE:
 PURPOSE: TO IDENTIFY A PARTY BY TYPE OF ORGANIZATION, NAME AND CODE.

FIELD DATA				
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/COMMENTS
<u>Occurrence 1:</u>				
N101	98	ENTITY IDENTIFIER CODE	M ID 2/3	ST = SHIP TO
N102	93	NAME	C AN 1/60	SHIP TO LOCATION NAME
N103	66	IDENTIFICATION CODE QUALIFIER	M ID 1/2	"92"
N104	67	IDENTIFICATION CODE	M AN 2/20	3m SHIP TO CODE (See Appendix A)

***** For Drop ship orders, please send back the Value sent in the N1 04 of the Purchase Order. The value for a Drop ship is 001999. *****

<u>Occurrence 2:</u>				
N101	98	ENTITY IDENTIFIER CODE	M ID 2/3	VN = VENDOR
N102	93	NAME	C AN 1/60	VENDOR NAME
N103	66	IDENTIFICATION CODE QUALIFIER	M ID 1/2	"92"
N104	67	IDENTIFICATION CODE	M AN 2/20	SUPPLIER NUMBER FROM N104 OF THE VENDOR SEGMENT ON THE PURCHASE ORDER

810 Invoice Mapping Guidelines

SEGMENT: N2 - ADDITIONAL NAME INFORMATION

LEVEL: HEADER
 LOOP: N2 REPEAT: 200
 USAGE: OPTIONAL
 MAX USE: 1
 PURPOSE: TO SPECIFY THE ADDITIONAL ADDRESS INFORMATION

FIELD	DATA				
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS	
N201	93	ADDITIONAL NAME	M AN 1/60	SHIP TO, VENDOR NAME	
N202	93	ADDITIONAL NAME	O AN 1/60	SHIP TO, VENDOR ADDT'L NAME	

SEGMENT: N3 - ADDRESS INFORMATION

LEVEL: HEADER
 LOOP: N1 REPEAT: 200
 USAGE: **MANDATORY**
 MAX USE: 2
 PURPOSE: TO SPECIFY THE LOCATION OF THE NAMES PARTY.

FIELD	DATA				
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/COMMENTS	
N301	166	ADDRESS INFORMATION	M AN 1/55	SHIP TO/VENDOR ADDRESS INFORMATION	
N302	166	ADDRESS INFORMATION	O AN 1/55	SHIP TO/VENDOR ADDRESS INFORMATION	

***** If the 850 is a drop-ship order, noted with a DS in the BEG 02, then the N3 segment is not required*****

SEGMENT: N4 - GEOGRAPHIC LOCATION

LEVEL: HEADER
 LOOP: N1
 USAGE: **MANDATORY**
 MAX USE: >1
 PURPOSE: TO SPECIFY THE GEOGRAPHIC PLACE OF THE NAMED PARTY.

FIELD	DATA				
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS	
N401	19	CITY NAME	O AN 2/30	SHIP TO/VENDOR CITY	
N402	156	STATE	M ID 2/2	SHIP TO/VENDOR STATE/PROVINCE CODE 'ON' = Ontario 'PQ' = Quebec 'BC' = British Columbia 'NL' = Newfoundland and Labrador 'NS' = Nova Scotia 'NB' = New Brunswick 'MB' = Manitoba 'SK' = Saskatchewan 'AB' = Alberta 'PE' = Prince Edward Island 'YU' = Yukon 'NT' = Northwest Territories 'NU' = Nunavut	
N403	116	POSTAL CODE	O ID 3/15	SHIP TO/VENDOR POSTAL CODE	
N404	26	COUNTRY CODE	M ID 2/3	SHIP TO/VENDOR COUNTRY CODE	

***** If the 850 was a Drop Ship order, noted with a DS in the BEG 02, then the N4 02 is the only element required to be sent back in the N4 segment of the N1 Ship to loop. The codes that can be sent are noted above in the Comments section of the N4 02. Your invoice will reject if the order is a drop ship and the code sent in the N4 02 does not match one of the above. *****

810 Invoice Mapping Guidelines

SEGMENT: ITD - TERMS OF SALE/DEFERRED TERMS OF SALE
 LEVEL: HEADER
 USAGE: MANDATORY
 MAX USE: 1
 PURPOSE: TO SPECIFY TERMS OF SALE

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/COMMENTS
ITD01	336	TERMS TYPE CODE	M ID 2/2	'05' DISCOUNT NOT APPLICABLE '08' BASIC DISCOUNT OFFERED '09' PROXIMO '14' PREVIOUSLY AGREED UPON '02' END OF MONTH '10' INSTANT 'ZZ' MUTUALLY DEFINED
ITD02	333	TERMS BASIS DATE CODE	M ID 1/2	'3' INVOICE DATE = MUST USE 3
ITD03	338	TERMS DISCOUNT PERCENT	O R3 1/6	PERCENT DISCOUNT
ITD05	351	TERMS DISCOUNT DAYS DUE	C NO 1/3	DISCOUNT DAYS DUE
ITD07	386	TERMS NET DAYS	O NO 1/3	NET DAYS
ITD08	362	TERMS DISCOUNT AMOUNT	O N2 1/10	TOTAL AMOUNT OF TERMS DISCOUNT
ITD12	352	DESCRIPTION	O AN 1/80	TERMS DESCRIPTION

*** If no discount applies use ITD 01, ITD 02 and ITD 07 ***
 *** If discount applies, use: ITD 01, ITD 02, ITD 03, ITD 05 AND ITD 07 ***

SEGMENT: IT1 - INVOICE BASELINE ITEM DATA
 LEVEL: DETAIL
 LOOP: IT1 REPEAT: 100000
 USAGE: MANDATORY
 MAX USE: 1
 PURPOSE: TO SPECIFY BASIC AND MOST FREQUENTLY USED INVOICE LINE ITEM DATA.

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/COMMENTS
IT101	350	ASSIGNED IDENTIFICATION	M AN 1/6	LINE NUMBER
IT102	358	QUANTITY INVOICED	M R4 1/10	QUANTITY INVOICED
IT103	355	UNIT OF MEASURE CODE	M ID 2/2	PLEASE RETURN VALUE FROM PO102 OF PO
IT104	212	UNIT PRICE	M R5 1/17	UNIT PRICE (PER ORDERING UNIT)
IT105	639	BASIS OF UNIT PRICE CODE	M ID 2/2	PLEASE RETURN VALUE FROM THE PO105 OF PO
IT106	235	PRODUCT/SERVICE ID QUALIFIER	M ID 2/2	'BP'
IT107	234	PRODUCT/SERVICE ID	M AN 1/20	BUYERS PART NUMBER

*** The PO101 line number sent on the Purchase order will need to correspond with the IT101 line number returned on the invoice.
 (Ex. PO101 = 1000 for item XXX, the IT101 = 1000
 *** Invoice must have the same quantity UOM that is sent on the PO ***
 *** Invoice must contain the same Pricing UOM as on PO ***

810 Invoice Mapping Guidelines

SEGMENT: **PID - PRODUCT/ITEM DESCRIPTION**

LEVEL: DETAIL

LOOP: PO1 REPEAT: 1000

USAGE: OPTIONAL

MAX USE: 1

PURPOSE: TO DESCRIBE A PRODUCT OR PROCESS IN CODED OR FREE-FORM FORMAT.

FIELD DATA				
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/COMMENTS
PID01	349	ITEM DESCRIPTION TYPE	M ID 1/1	'F' - FREE FORM
PID05	352	DESCRIPTION	M AN 1/80	PRODUCT DESCRIPTION

SEGMENT: **TDS - TOTAL MONETARY VALUE SUMMARY**

LEVEL: SUMMARY

USAGE: MANDATORY

MAX USE: 1

PURPOSE: TO SPECIFY THE TOTAL INVOICE DISCOUNTS AND AMOUNTS

FIELD DATA				
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/COMMENTS
TDS01	610	TOTAL INVOICE AMOUNT	M N2 1/15	INVOICE AMOUNT****

Calculated as: Invoice/credit quantity X Unit Price from each IT1 segment
+ All Charges (SAC05 where SAC 01 = C)
- All allowances (SAC05 where SAC 01 = A)
+ All taxes (TXI 02)

SEGMENT: **TXI - TAX INFORMATION**

LEVEL: SUMMARY

USAGE: OPTIONAL

MAX USE: 1

PURPOSE: TO SPECIFY TAX INFORMATION

FIELD DATA				
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/COMMENTS
TXI 01	963	TAX TYPE CODE	M ID 2/2	'GS' = GOODS AND SERVICE TAX (GST) 'VA' = HARMONIZED SALES TAX (HST) 'OH' = QUEBEC SALES TAX (QST) 'SP' = PROVINCIAL SALES TAX (PST)
TXI 02	782	MONETARY AMOUNT	M R 1/17	AMOUNT OF TAX

*** If there is a tax amount sent on invoice. The invoice must also contain a REF segment with the corresponding GST/HST/QST Registration number. ***
 *** The PST tax does not require a registration number***

810 Invoice Mapping Guidelines

SEGMENT: **SAC - SERVICE, PROMOTION, ALLOWANCE, OR CHARGE INFORMATION**

LEVEL: SUMMARY

USAGE: OPTIONAL

MAX USE: 1

PURPOSE: TO REQUEST OR IDENTIFY A SERVICE, PROMOTION, ALLOWANCE, OR CHARGE: TO SPECIFY THE AMOUNT OR PERCENTAGE FOR THE SERVICE, PROMOTION, ALLOWANCE, OR CHARGE

FIELD	DATA			
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/COMMENTS
SAC01	248	ALLOW/CAHRGE INDICATOR	M ID 1/1	"C" = CHARGE 'A' = ALLOWANCE
SAC02	1300	ALLOW CHARGE CODE	M ID 4/4	See Appendix B
SAC05	610	AMOUNT	M N2 1/15	DOLLAR AMOUNT
SAC12	331	ALLOW/CHARG HANDLING CODE	O ID 2/2	"06" = CHARGE '02' = OFF INVOICE
SAC15	352	DESCRIPTION	O AN 1/80	DESCRIPTION

SEGMENT: **CTT - TRANSACTION TOTALS**

LEVEL: SUMMARY

USAGE: MANDATORY

MAX USE: 1

PURPOSE: TO TRANSMIT A HASH TOTAL FOR A SPECIFIC ELEMENT IN THE TRANSACTION SET.

FIELD	DATA			
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/COMMENTS
CTT01	354	NUMBER OF LINE ITEMS	M N0 1/6	NUMBER OF IT1 SEGMENTS IN THE TRANSACTION SET

SEGMENT: **SE - TRANSACTION SET TRAILER**

LEVEL: SUMMARY

USAGE: MANDATORY

MAX USE: 1

PURPOSE: TO INDICATE THE END OF THE TRANSACTION SET AND PROVIDE THE COUNT OF THE TRANSMITTED SEGMENTS.

FIELD	DATA			
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/COMMENTS
SE01	96	NUMBER OF INCLUDED SEGMENTS	M N0 1/10	TOTAL NO. OF SEGMENTS IN TRANSACTION INCLUDING ST AND SE
SE02	329	TRANSACTION SET CONTROL NO.	M AN 4/9	SAME NUMBER AS IN ST02 FOR THE TRANSACTION SET

SEGMENT: **GE - GROUP CONTROL TRAILER**

LEVEL: GROUP

USAGE: MANDATORY

MAX USE: 1

PURPOSE: TO INDICATE THE END OF A FUNCTIONAL GROUP AND TO PROVIDE CONTROL INFORMATION.

FIELD	DATA			
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/COMMENTS
GE01	97	NUMBER OF INCLUDED	M N0 1/6	TOTAL NUMBER OF TRANSACTION SETS INCLUDED IN TRANSACTION. THE FUNCTIONAL GROUP (ST) TERMINATED BY THIS TRAILER
GE02	28	DATA INTERCHANGE CONTROL NO.	M N0 1/9	SAME NUMBER AS IN GS06 FOR THE GROUP

810 Invoice Mapping Guidelines

SEGMENT: **IEA - INTERCHANGE CONTROL TRAILER**

LEVEL: ENVELOPE

USAGE: MANDATORY

PURPOSE: DEFINES THE END OF AN INTERCHANGE OF ONE OR MORE FUNCTIONAL GROUPS AND INTERCHANGE RELATED CONTROL SEGS

FIELD	DATA				
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/COMMENTS	
IEA01	I16	NUMBER OF INCLUDED GROUPS	M NO 1/5	THE COUNT OF GS SEGMENTS WITHIN THE TRANSMISSION	
IEA02	I12	INTERCHANGE CONTROL NUMBER	M NO 9/9	SAME NUMBER AS IN ISA13 FOR THE TRANSMISSION (INTERCHANGE)	

864 Text Message Mapping Guidelines

SEGMENT: **ISA - INTERCHANGE CONTROL HEADER**
 LEVEL: ENVELOPE
 USAGE: MANDATORY
 PURPOSE: TO START AND IDENTIFY AN INTERCHANGE OF ONE OR MORE FUNCTIONAL GROUPS AND INTERCHANGE RELATED CONTROLS.

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/COMMENTS
ISA01	I01	AUTHORIZATION INFO. QUAL	M ID 2/2	00 (ZEROES)
ISA02	I02	AUTHORIZATION INFORMATION	M AN 10/10	BLANKS
ISA03	I03	SECURITY INFORMATION QUAL	M ID 2/2	00 (ZEROES)
ISA04	I04	SECURITY INFORMATION	M AN 10/10	BLANKS
ISA05	I05	INTERCHANGE ID QUALIFIER	M ID 2/2	ZZ
ISA06	I06	INTERCHANGE SENDER ID	M ID 15/15	IAN3MCAN
ISA07	I05	INTERCHANGE ID QUALIFIER	M ID 2/2	RECEIVERS ISA QUALIFIER
ISA08	I07	INTERCHANGE RECEIVER ID	M ID 15/15	RECEIVERS ISA ID
ISA09	I08	INTERCHANGE DATE	M DT 6/6	YYMMDD
ISA10	I09	INTERCHANGE TIME	M TM 4/4	HHMM
ISA11	I10	INTERCHANGE STANDARDS ID	M ID 1/1	U - U.S. EDI COMMUNITY OF X12
ISA12	I11	INTERCHANGE VERSION ID	M ID 5/5	00401 - VERSION 4, RELEASE 1
ISA13	I12	INTERCHANGE CONTROL NUMBER	M N0 9/9	SEQUENTIALLY ASSIGNED BY TRADING PARTNER
ISA14	I13	ACKNOWLEDGMENT REQUESTED	M ID 1/1	0 - NO INTERCHANGE ACK. REQUESTED
ISA15	I14	TEST INDICATOR	M ID 1/1	T - TEST P - PRODUCTION
ISA16	I15	SUBELEMENT SEPARATOR	M AN 1/1	> (HEX 3E)
		SEGMENT TERMINATOR		~ (HEX 7E)

864 Text Message Mapping Guidelines

SEGMENT: **GS - FUNCTIONAL GROUP HEADER**
 LEVEL: GROUP
 USAGE: MANDATORY
 PURPOSE: TO INDICATE THE BEGINNING OF A FUNCTIONAL GROUP AND TO PROVIDE CONTROL INFORMATION.

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/COMMENTS
GS01	479	FUNCTIONAL ID	M ID 2/2	'TX' 864 TEXT MESSAGE
GS02	142	APPLICATION SENDER'S CODE	M AN 2/15	IAN3MCAN
GS03	124	APPLICATION RECEIVER'S CODE	M AN 2/15	RECEIVERS GS ID
GS04	373	DATE	M DT 8/8	CCYYMMDD
GS05	337	TIME	M TM 4/8	HHMM OR HHMMSS
GS06	28	GROUP CONTROL NUMBER	M NO 1/9	SEQUENTIALLY ASSIGNED BY TRADING PARTNER
GS07	455	RESPONSIBLE AGENCY CODE	M ID 1/2	X - ASC X12
GS08	480	VERSION	M ID 1/12	004010

SEGMENT: **ST - TRANSACTION SET HEADER**
 LEVEL: HEADER
 USAGE: MANDATORY
 MAX USE: 1
 PURPOSE: TO INDICATE THE START OF A TRANSACTION SET AND TO ASSIGN A CONTROL NUMBER.

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
ST01	143	TRANSACTION SET ID CODE	M ID 3/3	'864' - TEXT MESSAGE
ST02	329	TRANSACTION SET CONTROL NO.	M AN 4/9	SEQUENTIALLY ASSIGNED BY INFOACCESS.NET TRANSLATOR. MATCHES CONTROL NUMBER IN SE SEGMENT

SEGMENT: **BMG - BEGINNING SEGMENT FOR TEXT MESSAGE**
 LEVEL: HEADER
 USAGE: MANDATORY
 MAX USE: 1
 PURPOSE: INDICATES BEGINNING OF A TEXT MESSAGE TRANSACTION SET

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
BMG01	353	TRANSACTION SET PURPOSE CODE	M ID 2/2	'44' - REJECTION
BMG02	352	DESCRIPTION	O AN 1/80	"THIS INVOICE WAS NOT PROCESSED"
BMG03	640	TRANSACTION TYPE CODE	O ID 2/2	'03' - REPORT MESSAGE

864 Text Message Mapping Guidelines

SEGMENT: **DTM - DATE/TIME REFERENCE**
 LEVEL: HEADER
 USAGE: OPTIONAL
 MAX USE: 10
 PURPOSE: TO SPECIFY PERTINENT DATES AND TIMES

FIELD DATA				
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS

DTM01	374	DATE/TIME QUALIFIER	M ID 3/3	'009' - PROCESS DATE
DTM02	373	DATE	C DT 8/8	DATE : CCYYMMDD

SEGMENT: **N1 - NAME**
 LEVEL: HEADER
 LOOP: N1 REPEAT: 200
 USAGE: MANDATORY
 MAX USE: 2
 PURPOSE: TO IDENTIFY A PARTY BY TYPE OF ORGANIZATION, NAME AND CODE.

FIELD DATA				
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/COMMENTS

Occurrence 1:

N101	98	ENTITY IDENTIFIER CODE	M ID 2/3	'FR'
N102	93	NAME	C AN 1/60	'3M CANADA COMPANY'

Occurrence 2:

N101	98	ENTITY IDENTIFIER CODE	M ID 2/3	'TO'
N102	93	NAME	C AN 1/60	3M CANADA SUPPLIER NAME
N103	66	IDENTIFICATION CODE QUALIFIER	M ID 1/2	"92"
N104	67	IDENTIFICATION CODE	M AN 2/20	3M CANADA SUPPLIER NUMBER

SEGMENT: **REF - REFERENCE IDENTIFICATION**
 LEVEL: HEADER
 USAGE: OPTIONAL
 MAX USE: 12
 PURPOSE: TO SPECIFY IDENTIFYING INFORMATION

FIELD DATA				
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/COMMENTS

REF01	128	REFERENCE IDENT. QUALIFIER	M ID 2/3	'IV' = INVOICE NUMBER 'PO' = PURCHASE ORDER NUMBER
REF02	127	REFERENCE IDENTIFICATION	C AN 1/30	NUMBER REFERENCING REF 01

864 Text Message Mapping Guidelines

SEGMENT: MIT - MESSAGE IDENTIFICATION
LEVEL: HEADER
USAGE: REQUIRED
MAX USE: 1
PURPOSE: TO IDENTIFY THE BEGINNING OF A SPECIFIC MESSAGE AND TO ALLOW THE IDENTIFICATION OF A SUBJECT FOR THE MESSAGE.

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/COMMENTS
MIT01	127	REFERENCE IDENTIFICATION	M AN 1/30	'PLEASE CORRECT AND RESEND'
MIT02	352	DESCRIPTION	C AN 1/80	'THE INVOICE WILL NOT BE PROCESSED'

SEGMENT: MSG - MESSAGE TEXT
LEVEL: DETAIL
LOOP:
USAGE: MANDATORY
MAX USE: 100000
PURPOSE: TO PROVIDE A FREE-FORM FORMAT THAT ALLOWS THE TRANSMISSION OF TEXT INFORMATION

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
MSG01	933	FREE-FORM MESSAGE TEXT	M AN 1/80	INVOICE REJECTION REASON

SEGMENT: SE - TRANSACTION SET TRAILER
LEVEL: SUMMARY
USAGE: MANDATORY
MAX USE: 1
PURPOSE: TO INDICATE THE END OF THE TRANSACTION SET AND PROVIDE THE COUNT OF THE TRANSMITTED SEGMENTS.

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/COMMENTS
SE01	96	NUMBER OF INCLUDED SEGMENTS	M NO 1/10	TOTAL NO. OF SEGMENTS IN TRANSACTION INCLUDING ST AND SE
SE02	329	TRANSACTION SET CONTROL NO.	M AN 4/9	SAME NUMBER AS IN ST02 FOR THE TRANSACTION SET

SEGMENT: GE - GROUP CONTROL TRAILER
LEVEL: GROUP
USAGE: MANDATORY
MAX USE: 1
PURPOSE: TO INDICATE THE END OF A FUNCTIONAL GROUP AND TO PROVIDE CONTROL INFORMATION.

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/COMMENTS
GE01	97	NUMBER OF INCLUDED	M NO 1/6	TOTAL NUMBER OF TRANSACTION SETS INCLUDED IN TRANSACTION. THE FUNCTIONAL GROUP (ST) TERMINATED BY THIS TRAILER
GE02	28	DATA INTERCHANGE CONTROL NO.	M NO 1/9	SAME NUMBER AS IN GS06 FOR THE GROUP

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SEGMENT: IEA - INTERCHANGE CONTROL TRAILER
LEVEL: ENVELOPE
USAGE: MANDATORY
PURPOSE: DEFINES THE END OF AN INTERCHANGE OF ONE OR MORE FUNCTIONAL GROUPS AND INTERCHANGE RELATED CONTROL SEGS

FIELD	DATA				
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/COMMENTS	
IEA01	I16	NUMBER OF INCLUDED GROUPS	M N0 1/5	THE COUNT OF GS SEGMENTS WITHIN THE TRANSMISSION	
IEA02	I12	INTERCHANGE CONTROL NUMBER	M N0 9/9	SAME NUMBER AS IN ISA13 FOR THE TRANSMISSION (INTERCHANGE)	

Appendix A Ship to Locations

Ship to Number	Ship to Name	Address 1	Address 2	Address 3	Province	Postal Code
000006	3M CANADA COMPANY		2 CRAIG STREET	BLDG #302	PERTH ON CA	K7H 3E2
000007	3M CANADA COMPANY		2 CRAIG STREET	BLDG #301	PERTH ON CA	K7H 3E2
000008	MICHEALS MANUFACTURING SERVICE	C/O MR. & MRS. J. SMULDERS	R.R. #2		THORNDALE ON CA	N0M 2P0
000010	3M CANADA COMPANY (MORDEN)		400 ROUTE 100		MORDEN MB CA	R6M 1Z9
000011	3M CANADA COMPANY		R.R. # 3		HAVELOCK ON CA	K0L 1Z0
000012	3M CANADA COMPANY	C/O KELCO ENGINEERING LTD	21 HEATHER STREET		LONDON ON CA	K0L 1Z0
000014	3M CANADA COMPANY	C/O ANDREW'S RESOURCE CENTRE (850 HIGBURY AVENUE P.O. BOX 2		LONDON ON CA	N5Y 1A4
000015	3M CANADA COMPANY	C/O OPPORTUNITY PLASTIC PKG	180 ADELAIDE STREET SOUTH	UNIT 4	LONDON ON CA	N5Z 3L1
000016	3M CANADA COMPANY	C/O HUTTON HOUSE	654 WONDERLAND ROAD		LONDON ON CA	N6H 3E5
000017	3M CANADA COMPANY	C/O HIRE CONTRACT SERVICES	ATTN: GWEN CHARLES	420 NEWBOLD STREET UNIT 2	LONDON ON CA	N6E 1K1
000019	3M CANADA COMPANY	C/O VANSITTART ENTERPRISES	1205 WELFORD PLACE MALL		WOODSTOCK ON CA	N4S 8A3
000020	3M CANADA COMPANY	C/O H.J. JONES & SONS LTD	P.O. BOX 2905, TERMINAL A	1155 DUNDAS STREET	LONDON ON CA	N6A 4H9
000021	3M CANADA COMPANY	C/O VICA (CANADA) MANUFACTURIN	920 MEMORIAL AVENUE		THUNDER BAY ON CA	P7B 3Z9
000022	3M CANADA COMPANY	C/O A.C.C.E.S.S.	3 INDUSTRIAL RD		STRATHROY ON CA	N7G 3J2
000023	3M CANADA COMPANY	C/O INGERSOLL PAPER BOX	327 KING STREET		INGERSOLL ON CA	N5C 2K9
000024	3M CANADA COMPANY	C/O INTASCO CORPORATION	510 MACGREGOR AVENUE		LONDON ON CA	N6J 2S9
000026	3M PHARMACEUTICALS	C/O PFIZER CANADA INC.,	365 MADAWASKA BLVD.		ARNPRIOR ON CA	K7S 3P1
000029	3M CANADA COMPANY	C/O DEBIASI & ASSOCIATES	980 JULIANA DRIVE		WOODSTOCK ON CA	N4S 7Y5
000030	3M CANADA COMPANY	C/O INVENTRONICS LTD.	1420 VAN HORNE AVE. EAST		BRANDON MB CA	R7A 6A4
000031	3M CANADA COMPANY	C/O MCCARTHY PLASTIC COATINGS	176 LIMESHORE CRESCENT		DOWNSVIEW ON CA	M3J 2S4
000032	3M CANADA COMPANY	C/O RAY-D ENTERPRISES	37 PARLIAMENT CRES.		LONDON ON CA	N6C 2X8
000035	3M CANADA COMPANY	C/O VINS PLASTICS	12 INDUSTRIAL CRT.		BRADFORD ON CA	L3Z 2B4
000038	3M CANADA COMPANY	C/O PLASTIC MOULDERS	1631 THE QUEENSWAY		TORONTO ON CA	M8Z 5Y4

000039	3M CANADA COMPANY	C/O MARCH OF DIMES	627 MAITLAND STREET		LONDON ON CA	N5Z 1C4
000043	3M CANADA COMPANY	C/O FIBREGLASS CANADA	247 YORK ROAD		GUELPH ON CA	N1E 3G4
000045	3M CANADA COMPANY	C/O COMMUNICATION GRAPHICS	337 CALGARY STREET		LONDON ON CA	N5W 4X3
000046	3M CANADA COMPANY	C/O ART CAL GRAPHICS	45 PACIFIC COURT	UNIT 7	LONDON ON CA	N5V 3N4
000047	3M CANADA COMPANY	C/O DIE X STEEL RULE DIE LTD.	176 STRONACH CRESCENT		LONDON ON CA	N5B 3A1
000048	3M CANADA COMPANY		SP 84 BLDG, 206	R.R. #3	HAVELOCK ON CA	K0L 1Z0
000050	3M CANADA COMPANY	TORONTO DISTRIBUTION CENTRE	6611 NORTHWEST DRIVE		MISSISSAUGA ON CA	L4V 1L1
000051	3M CANADA COMPANY		801 CLARKE ROAD	DOCK #1	LONDON ON CA	N5V 3G2
000053	3M CANADA COMPANY	C/O COSCO SUPPLY LTD.	9314 GO AVENUE		EDMONTON AL CA	N6A 4T1
000054	3M CANADA COMPANY	C/O BEUPRE & FILS LTEE.	8455 ST. DENIS		SHERBROOKE PQ CA	N6A 4T1
000055	3M CANADA COMPANY	C/O JONES-LOCKHART LTD.	244 WELLAND		ST. CATHERINES ON CA	N6A 4T1
000056	3M CANADA COMPANY	C/O POIRIER BUSINESS EQUIP.	705 ROSEMOUNT		CORNWALL ON CA	N6A 4T1
000057	3M CANADA COMPANY	C/O DOCUMENTED CIRCUITS INC.	HWYS. 2 & 38		KINGSTON ON CA	N6A 4T1
000058	3M CANADA COMPANY	C/O LEP INTERNATIONAL	407 MCGILL ST.		MONTREAL PQ CA	N2Y 2G5
000059	3M CANADA COMPANY	C/O TRANS-X LTD.	R.R. # 2		WINNIPEG MB CA	R3C 2E6
000060	3M CANADA COMPANY	C/O KUEHNE & NAGEL	100 ALFRED KUEHNE BLVD.		BRAMPTON ON CA	N6A 4T1
000061	3M CANADA COMPANY	C/O ROBERTSON BUILDING SYST.	774 RYEST		PETERBOROUGH ON CA	N6A 4T1
000064	3M CANADA COMPANY	C/O C & M MACHINE WORKS	1140 DUNDAS STREET		LONDON ON CA	N5W 3A8
000065	3M CANADA COMPANY	C/O VERSI-PACK LIMITED	601 GORDON BAKER ROAD,		WILLOWDALE ON CA	M2H 3B8
000068	3M CANADA COMPANY	C/O MARCH OF DIMES	585 TRETHERWAY DR.		TORONTO ON CA	M6M 4B8
000070	3M CANADA COMPANY	C/O PLASTECH RESEARCH INC.	ATTN: MARILYN CAZA	P.O. BOX 7	RUSH CITY MI US	55069
000073	3M CANADA COMPANY		5520 EXPLORER DRIVE	SUITE 201	MISSISSAUGA ON CA	L4W 5L1
000074	3M CANADA COMPANY		9 ANTARES DRIVE		NEPEAN ON CA	K2E 7V5
000075	3M CANADA COMPANY		7405 TRANS CANADA HIGHWAY	SUITE 100	VILLE, ST. LAURENT QC CA	H9P 2S5
000076	3M CANADA COMPANY	C/O OPPORTUNITY ENTERPRISES	190 ADELAIDE ST. SOUTH		LONDON ON CA	N5Z 3L1
000077	3M CANADA COMPANY		2 BLUEWATER ROAD		BEDFORD NS CA	B4B 1G7

000078	3M CANADA COMPANY	C/O NASH PAPER CONVERTING CO.	3883 NASHUA DRIVE		MISSISSAUGA ON CA	L4V 1R3
000080	3M CANADA COMPANY	C/O INVENTRONICS LTD.	3900 - 101 STREET		EDMONTON AB CA	T6E 0A5
000081	3M CANADA COMPANY		1001 53RD AVENUE N.E.		CALGARY AB CA	T2E 7E4
000082	3M CANADA COMPANY		4934 - 89TH STREET		EDMONTON AL CA	T6E 5K1
000083	3M CANADA COMPANY		43 TERRACON PLACE		WINNIPEG MB CA	R2J 4B3
000085	3M CANADA COMPANY		820 CLIVEDEN PLACE, BAY 1	ANNACIS ISLAND,	NEW WESTMINSTER BC CA	V3M 6C7
000087	3M CANADA COMPANY	PROMOTIONAL MARKETS	14 PLASTICS AVE.		ETOBICOKE ON CA	M8Z 4B7
000088	3M CANADA COMPANY	C/O SPECTRA INDUSTRIES INC.	37 COPERNICUS BLVD.		BRANTFORD ON CA	N3P 1N4
000089	3M CANADA COMPANY		2 CRAIG STREET	BLDG #302	PERTH ON CA	K7H 3E2
000091	3M CANADA COMPANY	C/O DECISION ONE CORP.	109 MEG DRIVE	UNIT #11	LONDON ON CA	N6E 3Z7
000092	3M CANADA COMPANY	TORONTO DISTRIBUTION CENTRE	6611 NORTHWEST DRIVE		MISSISSAUGA ON CA	L4V 1L1
000093	3M CANADA COMPANY	C/O MINISTRY OF COM./SOC.SERV.	BLDG #14, COUNTY ROAD 57		ORO TOWNSHIP ON CA	L4M 4W3
000094	3M CANADA COMPANY	C/O PROMOTIONAL PRINT AND PACK	10 MELFORD DRIVE	UNITS 1 TO 4	SCARBOROUGH ON CA	M1B 2G1
000095	3M CANADA COMPANY		1840 OXFORD STREET EAST		LONDON ON CA	N5V 3R6
000096	3M CANADA COMPANY	C/O RECEIVING DEPARTMENT	300 TARTAN PLACE		LONDON ON CA	N5V 4M9
000097	3M CANADA COMPANY	C/O NORPAK	46 WEST DRIVE		BRAMPTON ON CA	L6T 4A1
000098	3M CANADA COMPANY	C/O RAPID BINDING	39 CHARTERHOUSE CRES.		LONDON ON CA	N5W 5V3
000101	3M CANADA COMPANY	C/O KEY CONTACT DIRECTORIES	555 ADMIRAL DRIVE		LONDON ON CA	N5V 4L6
000102	3M CANADA COMPANY	TORONTO DC - REPACK CENTRE	6611 NORTHWEST DRIVE		MISSISSAUGA ON CA	L4V 1L1
000105	3M CANADA COMPANY	C/O KUEHNE & NAGEL INT. LTD.	275 PENDANT DRIVE		MISSISSAUGA ON CA	L5G 2V7
000109	3M CANADA COMPANY	C/O OPPORTUNITY ENTERPRISES	219 ADELAIDE STREET SOUTH,		LONDON ON CA	N5Z 3K7
000112	3M CANADA COMPANY	C/O IVERS LEA	31 HANSEN ROAD SOUTH		BRAMPTON ON CA	L6W 3H7
000113	3M CANADA COMPANY	C/O BELL CANADA	NSOP - 8TH FLOOR	100 DUNDAS ST.	LONDON ON CA	N6A 4L6
000114	3M CANADA COMPANY	C/O SPECIALTY GASKET	6400 SHAWSON DRIVE	UNIT 1	MISSISSAUGA ON CA	L5T 1L8
000115	3M CANADA COMPANY	C/O PINTO PACKAGING	148 STRONACH CRESCENT		LONDON ON CA	N5V 3A1
000116	3M CANADA COMPANY	C/O MACMILLAN-BATHURST	390 WOODLAWN ROAD WEST		GUELPH ON CA	N1H 7K3
000117	3M CANADA COMPANY	C/O MORPHY CONTAINER	1001 GREENVALLEY RD		LONDON ON CA	N6A 4C2

000118	3M CANADA COMPANY	C/O LION BUSINESS MACHINES LTD	9897-34 AVENUE		EDMONTON AL CA	T6E 5X9
000119	3M CANADA COMPANY	C/O WEISS COMPANY	2323 SOUTH HALSTED		CHICAGO IL US	60609
000120	3M CANADA COMPANY	C/O PACKAGING CONSULTANTS	3304 WINPARK DRIVE		MINNEAPOLIS MI US	55427
000121	3M CANADA COMPANY	C/O SIEGNER SCREW MACHINE	3006 OSLER STREET		LONDON ON CA	N5V 1V3
000122	3M CANADA COMPANY		60 CALIFORNIA AVENUE	BLDG # 501	BROCKVILLE ON CA	K6V 5W1
000123	3M CANADA COMPANY	C/O CANADIAN SLEEVE INC	563 THE QUEENSWAY EAST,		MISSISSAUGA ON CA	L5A 3X6
000124	3M CANADA COMPANY	C/O BERRY PLASTICS	101 OAKELY		EVANSVILLE IN US	47710
000125	3M CANADA COMPANY	C/O TUF-CO INDUSTRIES	3161 SOUTHRIDGE ROAD		GREEN BAY WI US	54305
000126	3M CANADA COMPANY	C/O ACCRA PAK INC.	1919 SUPERIOR STREET		ELKHART IN US	46516
000127	3M CANADA COMPANY	C/O GEO LOGISTICS - LONDON	FOR FUTHERANCE PER	3M CANADA INSTRUCTIONS	LONDON ON CA	N6A 4T1
000128	3M CANADA COMPANY	C/O CANADIAN CUSTOM PACKAGING	333 RIMROCK ROAD		TORONTO ON CA	M3J 3J9
000129	3M CANADA COMPANY		POST OFFICE BOX 5757		LONDON ON CA	N6A 4T1
000130	3M CANADA COMPANY	C/O APV DOUGLAS MACHINE CORP	3404 IOWA ST.		ALEXANDRIA MN US	56308
000131	3M CANADA COMPANY	C/O WEST END WIRE DISPLAY LTD.	486 EVANS AVE. UNITS 5 & 6		TORONTO ON CA	M8W 2T7
000132	3M CANADA COMPANY	C/O PEAR CREATIVE	39 CHARTERHOUSE CRES.		LONDON ON CA	N5W 5V3
000133	3M CANADA COMPANY	C/O HARPELL'S PRESS CORP.	1 PACIFIC		STE-ANNE BELLEVUE PQ CA	H9X 1B0
000134	3M CANADA COMPANY C/O CLARKS	FULFILLMENT & DIST. CENTRE	520 FIRST STREET		LONDON ON CA	N5V 3C6
000135	3M CANADA COMPANY	C/O AGO INDUSTIES INC.	384 SOVEREIGN RD.,		LONDON ON CA	N6M 1A5
000136	3M CANADA COMPANY	C/O APPLIED COLOUR	2 TOLEDO ROAD		WESTON ON CA	M9M 1M6
000137	3M CANADA COMPANY	C/O 3M EDUSA	10830 PELLICANO DR.		EL PASO TX US	79935
000138	3M CANADA COMPANY	C/O NOVACOR CHEMICALS LTD.	LLDPE PLANT, BUILDING 21		JOFFRE CA	AL T4N 6A1
000139	3M CANADA COMPANY	C/O BURNHAM INTERNATIONAL	2030 NOTRE DAME		WINNIPEG MB CA	R3H 0J8
000140	3M CANADA COMPANY	C/O INVENTRONICS LTD.	16520-117TH AVE.		EDMONTON AL CA	T5M 3W2
000141	3M CANADA COMPANY	C/O SIT-RITE PRODUCTS LTD.	20 FALCONER DRIVE		MISSISSAUGA ON CA	L5N 1B1
000142	3M CANADA COMPANY		34 BELLEISLE COURT	UNIT A	LONDON ON CA	N5V 4L2
000143	3M CANADA COMPANY	C/O MEDICAL DEVICES INC.	833 THIRD ST. SW		ST. PAUL US	MI 55555

000144	3M CANADA COMPANY		34A BELLE ISLE COURT		LONDON ON CA	N5V 4L2
000145	3M CANADA COMPANY	C/O LLOYDS LABORATORIES	613 NEAL DRIVE		PETERBOROUGH ON CA	K9J 6X7
000146	3M CANADA COMPANY	C/O PIDMONT LABORATORIES	2030 OLD CANDLER ROAD		GAINESVILLE GA US	30507
000147	3M CANADA COMPANY	C/O FELLOWES MANUFACTURING OF	2750 JOHN ST.		MARKHAM ON CA	L3R 2W4
000148	3M CANADA COMPANY	C/O LONDON LIFE UPHOLSTERING C	4180 SOVEREIGN RD		LONDON ON CA	N6A 4C3
000149	3M CANADA COMPANY	C/O FERR-TECH INDUSTRIES INC.	340 EDINBURGH ROAD NORTH		GUELPH ON CA	N1H 6J6
000150	3M CANADA COMPANY	C/O INVENTRONICS LTD.	3900-101ST STREET		EDMONTON AL CA	T6E 0A5
000151	3M CANADA COMPANY	C/O KUEHNE & NAGEL	6611 NORTHWEST DRIVE		MISSISSAUGA ON CA	L4V 1L1
000152	3M CANADA COMPANY	C/O GISH BIOMEDICAL INC.	2350 PULLMAN AVENUE.		SANTA ANA CA US	55555
000153	3M CANADA COMPANY	C/O MILLIKEN AND COMPANY	SPUN INDUSTRIAL DIVISION	PO BOX 1926	SPARTANBURG SC US	29304
000154	3M CANADA COMPANY	C/O SARNS/3M	6200 JACKSON ROAD		ANN ARBOR MI US	48103
000155	3M CANADA COMPANY	HEALTH CARE PRODUCTS,SITE "Y6"	80 ENTERPRISE DRIVE		LONDON ON CA	N6N 1C2
000156	3M CANADA COMPANY	C/O DOUBLETEX	362 ADELAIDE ST. W		TORONTO ON CA	M5V 1R8
000157	3M CANADA COMPANY	C/O MAJOR QUILTING	130 WYATT ROAD		WINNIPEG MB CA	R2X 2X6
000158	3M CANADA COMPANY	PHAKOSYSTEMS/3M	14 PLASTICS AVE.		ETOBICOKE ON CA	M8Z 4B7
000159	3M CANADA COMPANY	C/O AEROFIL TECHNOLOGIES INC.	225 INDUSTRIAL PARK DR.		SULLIVAN MO US	63080
000160	3M CANADA COMPANY	C/O COURTAULDS AEROSPACE	6 SHIELDS DRIVE		BENNINGTON VT US	05201
000161	3M CANADA COMPANY	C/O JANCO	BROADWAY EXTENSION		DOVER NH US	03820
000162	3M CANADA COMPANY	C/O ADVANCED POWER COATING INC	620 STONE HILL RD.		DENVER PA US	17517
000163	3M CANADA COMPANY	C/O AIM-SAFE AIR	7-1600 DERWENT WAY		NEW WESTMINSTER BC CA	V3M 6M5
000165	3M CANADA COMPANY	C/O MPERIAL WIRE	108 MILVAN DRIVE		WESTON ON CA	M9L 1Z6
000166	3M CANADA COMPANY	C/O BRITMAN INDUSTRIES LTD.	655 FINLEY		AJAX CA ON	L1S 3E7
000167	3M CANADA COMPANY	C/O WYNN'S-PRECISION CANADA LT	255 HUGHES ROAD		ORILLIA CA ON	L3V 2M3
000168	3M CANADA COMPANY	C/O MOR-PAC LTD.	10 LOYALIST DRIVE		BRIGHTON ON CA	K0K 1H0
000169	3M CANADA COMPANY	C/O VIDEOLUX	1087 ALNESS ST.		DOWNSVIEW ON CA	M3J 2J1

000170	3M CANADA COMPANY	C/O WASH RACK SUPPLY	310 OAKDALE ROAD		TORONTO ON CA	M3N 1W5
000171	3M CANADA COMPANY	C/O GB MARQUAGE	1204 PAQUETTE		MASCOUCHE PQ CA	J0W 1C0
000172	PHAKOSYSTEMS/3M	C/O M & M FORWARDING INC.	600 MAIN STREET		TONAWANDA NY US	14150
000173	3M CANADA COMPANY	C/O LOUSON DESONITE INC.	60 RADDELL AVE.		DARTMOUGH NS CA	B3B 1T2
000174	3M CANADA COMPANY	C/O NORPAK	12 FISHERMAN DR.		BRAMPTON ON CA	L7A 1B6
000175	3M CANADA COMPANY	C/O 3M DISTRIBUTION CENTRE	806 WEST CRYSTAL LAKE ROAD		FOREST CITY IA US	54036
000176	3M CANADA COMPANY	C/O NORPAK	2500 WILLIAMS PARKWAY		BRAMPTON ON CA	L6S 5M9
000177	3M CANADA COMPANY	C/O CAMMDA CORPORATION	8875 DANFORTH ROAD EAST		COBOURG ON CA	K9A 4J8
000178	3M CANADA COMPANY	C/O ALTA ELECTRONICS	2660 MEADOWVALE RD.	UNIT 5	MISSISSAUGA ON CA	L5N 6M6
000179	3M CANADA COMPANY	C/O PIVOTAL INDUSTRIES	ATTN: CHARLES REATH	105 BESSEMER ROAD	LONDON ON CA	N6E 1P9
000180	3M CANADA COMPANY	C/O SENTON PRINTING	1669 OXFORD STREET EAST		LONDON ON CA	N5V 2Z5
000181	3M CANADA COMPANY	C/O ACCUTECH DESIGN LIMITED	441 INDUSTRIAL RD		LONDON ON CA	N5V 1T6
000182	3M CANADA COMPANY	C/O FIBER CONNECTIONS INC.	R. R. #1		SCHOMBERG ON CA	L0G 1T0
000183	3M CANADA COMPANY	C/O MARCO SALES	65 SILVER ST.		PARIS ON CA	N3L 3K5
000184	3M CANADA COMPANY	C/O CONTRACT PHARMACEUTICALS	6500 KITIMAT ROAD		MISSISSAUGA ON CA	L5N 2B8
000185	3M CANADA COMPANY	C/O NEON PRODUCTS LIMITED	555 ELLESMERE ROAD		SCARBOROUGH ON CA	M1R 4E8
000186	3M CANADA COMPANY	C/O K & N DISTRIBUTION	6451 NORTHWEST DRIVE		MISSISSAUGA ON CA	L4V 1K2
000187	3M CANADA COMPANY	C/O TAPEMARK CO.	150 EAST MARIE AVE.		WEST ST. PAUL MI US	55118
000188	3M CANADA COMPANY		1360 CALIFORNIA AVE.	BLDG # 502	BROCKVILLE ON CA	K6V 5V8
000189	3M CANADA COMPANY		1175 CALIFORNIA AVE.	BLDG #503	BROCKVILLE ON CA	K6V 5V8
000190	3M CANADA COMPANY	C/O INDUSTRIAL PROCESSING	227 AVENUE ROAD		CAMBRIDGE ON CA	N1R 5X9
000191	3M CANADA COMPANY	C/O PN FARRAR ENTERPRISES	2340 INDUSTRIAL BLVD.		CHAMBLY PQ CA	J3L 4V2
000192	3M CANADA COMPANY	C/O HENDERSON PRINTING	P.O. BOX 353	23 ABBOTT ST.	BROCKVILLE ON CA	K6V 5V4
000193	3M CANADA COMPANY	C/O SMURFIT-IMAGE PAC DISPLAY	5595 FINCH AVE. EAST		TORONTO ON CA	M1B 2T9
000194	3M CANADA COMPANY	C/O EASTERN WIRE & CONDUIT	28 SIMS CRESCENT		RICHMOND HILL ON CA	L4B 2N9
000195	3M CANADA COMPANY	C/O BELL CANADA MONTREAL	DIR. ENTREPOT	12345 ALBERT-HUDON	MONTREAL-NORTH PQ CA	H1G 3L1
000196	3M CANADA COMPANY	C/O BELL CANADA	47 SIG PDC MIX	85 SIGNET DRIVE	NORTH YORK ON CA	M9L 1T6

000197	3M CANADA COMPANY	C/O D.R.E.S.	N/A		RALSTON AL CA	T0J 2N0
000200	3M CANADA COMPANY	C/O AVEKA MANUFACTURING	279 NORTH WOODWARD AVE.		FREDERICKSBERG IA US	50630
000201	3M CANADA COMPANY	C/O FRAKTSERVICE AB	MARIEHOLMSGATAN 82	415 02 GOTHENBURG	SWEDEN MI US	55555
000202	IMATION CANADA	C/O LIVINGSTON LOGISTICS	1300 SOUTH SERVICE RD. W		OAKVILLE ON CA	L6L 5T7
000203	3M CANADA COMPANY	C/O ARMO-TOOL LTD.	9827 LONGWOODS ROAD		LAMBETH ON CA	B6P 1P2
000204	3M CANADA COMPANY	C/O BARKER SHEET METAL CO.	HWY #2 (5 KM. EAST OF	CRUMLIN SIDE ROAD 519-268-8373	THORNDALE ON CA	N6A 4T1
000205	3M CANADA COMPANY	C/O SUNWEST SCREEN GRAPHICS	277 CREE CRESCENT		WINNIPEG MB CA	R3J 3X4
000206	3M CANADA COMPANY, C/O	FIREMASTER OILFIELD SERVICES L	4728 78A ST CLOSE		RED DEER AL CA	T4P 2J2
000207	3M CANADA COMPANY, C/O	HENDERSON CREATIVE CARPETS	132-1585 BROADWAY STREET		PORT COQUITLAM BC CA	V3C 2M7
000208	3M CANADA COMPANY	C/O TABBED TAPE STRIP	210 CHRYSTAL LAKE ROAD		KINMOUNT ON CA	K0M 2A0
000209	3M CANADA COMPANY	C/O JAMES PACKAGING LTD.	575 INDUSTRIAL ROAD		LONDON ON CA	N5V 1V2
000210	3M CANADA COMPANY	C/O TOP TAPE & LABEL LTD	1299 SANDHILL DRIVE		ANCASTER ON CA	L9G 4V5
000211	3M CANADA COMPANY	C/O GENDON POLYMER SERVICES	5 MARCONI COURT		BOLTON ON CA	L7E 1H9
000212	3M CANADA COMPANY	C/O GERMIPHENE CORPORATION	1379 COLBOURNE ST. E.		BRANTFORD ON CA	N3T 5M1
000213	3M CANADA COMPANY	C/O STAX PACKAGING INC.	575 INDUSTRIAL ROAD		LONDON ON CA	N5V 1V2
000214	3M CANADA COMPANY	C/O ENSEIGNES IMPERIAL SIGNS	8 RUE MILLER	PARC INDUSTRIEL	EDMUNDSTON NB CA	E3V 4H4
000215	3M CANADA COMPANY	C/O PILKINGTON CANADA LTD.	1000 HIGHWAY 26 EAST		COLLINGWOOD ON CA	L9Y 4V8
000216	3M CANADA COMPANY	C/O CHURCHILL LOGISTICS	1550 GLOBAL DRIVE	UNIT B	LONDON ON CA	N6N 1R3
000217	3M CANADA COMPANY	C/O LAKEFIELD RESEARCH LIMITED	P.O. BOX 4300	185 CONCESSION ST.	LAKEFIELD ON CA	K0L 2H0
000218	3M CANADA COMPANY C/O	DITTRACH SPECIALTIES INC.	2110 NORTH BROADWAY ST.		NEW ULM MN US	56073
000219	3M CANADA COMPANY C/O	TECHNICAL LAMINATION & COATING	7125 W. GUNNISON ST.	HARWOOD HEIGHTS	CHICAGO IL US	60656
000220	3M CANADA COMPANY	C/O PIVOTAL INDUSTRIES	ATTN: GWEN CHARLES	20 ENTERPRISE DR	LONDON ON CA	N6N 1A7
000221	3M CANADA COMPANY	C/O ATELIER 109	500 RUE DE LA FAUNE		QUEBEC CITY PQ CA	G1G 5E4
000222	3M CANADA COMPANY	C/O A-1 MOBILE	6066 CARRIAGARD ROAD		LONDON ON CA	N0L 2G0
000223	3M CANADA COMPANY C/O	LAFRENTZ MARQUAGE ROUTIERE	640, BOUL. INDUSTRIEL		MASCOUCHE PQ CA	J7K 2Z2

000224	3M CANADA COMPANY C/O	SPRAY-PACK/K-G PACK.	8001 KEELE STREET		CONCORD ON CA	L4K 1Y8
000225	3M CANADA COMPANY C/O	AYLMER TOOLCRAFT LTD.	230 ELM STREET		AYLMER WEST ON CA	N5H 2M8
000226	3M CANADA COMPANY C/O	ARMSTRONG PACKAGING	3700 WESTON ROAD		TORONTO ON CA	M9L 2Z4
000227	3M CANADA COMPANY C/O	SAFECROSS FIRST AID LTD.	1111 ALNESS ST.		TORONTO ON CA	M3J 2J1
000228	3M CANADA COMPANY C/O	MERCHANTS US CANADA	DIVERSIFIED RE- PACKAGING	21000 BOUL. DAOUST	STE ANNE BELLEVUE PQ CA	H9X 4C7
000229	3M CANADA COMPANY C/O	CRYSTAL PRINT	500 HART COURT		LITTLE CHUTE WI US	54140
000230	3M CANADA COMPANY C/O	LEAR CO- PACKAGING LTD.	2330 MILLRACE COURT	UNIT 1	MISSISSAUGA ON CA	L5N 1W2
000231	3M CANADA COMPANY C/O	TRAFIC INNOVATION	70 RUE DAOUST	BUR. 103	ST. EUSTACHE, PQ CA	J7R 1B5
000232	3M CANADA COMPANY C/O	MARKETING IMPACT LTD.	55 ADMINISTRATION ROAD	UNIT #7	CONCORD ON CA	L4K 4G9
000233	3M CANADA COMPANY C/O	WALDALE MANUFACTURING LTD.	17 TANTRAMAR CRESCENT		AMHERST NS CA	B4H 1G5
000234	3M CANADA COMPANY C/O	TORONTO FULL SERVICE SUPPLY	C/O GENERAL MOTORS OF CANADA	ENGINE PLANT	ST. CATHARINES ON CA	L2R 7B3
000235	3M CANADA COMPANY C/O	EC MORRIS CORP.	201 QUADRAL DRIVE		WADSWORTH OH US	44281
000236	3M CANADA COMPANY C/O	ADVANCED CONVERTING TECH.	40 PACIFIC COURT	UNIT 1	LONDON ON CA	N5V 3K4
000237	3M CANADA COMPANY C/O	PRIME GRAPHICS INC.	1851 FABYAN PARKWAY		WEST CHICAGO IL US	60185
000238	3M CANADA COMPANY C/O	SUPERGRAPHICS	9344-192ND STREET		SURREY BC CA	V4N 3R8
000239	3M CANADA COMPANY C/O	PATTISON SIGN GROUP	165 WATERLOO AVE		PENTICTON BC CA	V1A 7J3
000240	3M CANADA COMPANY C/O	RETAIL MERCHANDISING SOLUTIONS	9040 LESLIE ST.	UNIT #6	RICHMOND HILL ON CA	L4B 3M4
000241	3M CANADA COMPANY C/O	M & C SPECIALTIES CO.	90 JAMES WAY		SOUTHAMPTON PA US	18966
000242	3M CANADA COMPANY C/O	FULL SERVICE SUPPLY	1600 TECHNOLOGY WAY	BOX 231	LATROBE PA US	15650
000243	3M CANADA COMPANY C/O	CORYDON CONVERTING	1350 SHORE ROAD	UNIT 120	NAPERVILLE IL US	60563
000244	3M CANADA COMPANY C/O	LABLE SUPPLY	280 SOUTH BLAIR ST.		WHITBY ON CA	L1N 9N2
000245	3M CANADA COMPANY C/O	DOUGLAS-HANSON CO., INC.	1060 DLYDE HANSON DRIVE		HAMMOND WI US	54015
000246	3M CANADA COMPANY C/O	OTTAWA MOULD CRAFT	2510 DON REID DRIVE		OTTAWA ON CA	K1H 1E1
000247	3M CANADA COMPANY C/O	ALL STICK LABEL	25 NIXON ROAD		BOLTON ON CA	L7E 1K2
000248	3M CANADA COMPANY C/O	TAPE SPECIALTIES	615 BOWES ROAD	UNIT 11-16	CONCORD ON CA	L4R 1J5
000249	3M CANADA COMPANY C/O	AMECCI INC.	475 PEPIN, #100		SHERBROOKE PQ CA	J1L 1X3

000250	3M CANADA COMPANY C/O	ZELLERS #565	100 METROPOLITAN ROAD		SCARBOROUGH ON CA	M1R 5A2
000251	3M CANADA COMPANY C/O	GGI INTERNATIONAL	26 AVE. LINDSAY		DORVAL PQ CA	H9P 2T8
000252	3M COMPANY		806 W. CRYSTAL LAKE ROAD		FOREST CITY IA US	50436
000253	3M CANADA COMPANY C/O	LARKIN INDUSTRIAL	2020 ENERGY PARK DRIVE		ST. PAUL MN US	55108
000254	3M CANADA COMPANY C/O	ANTHRAFILTER MEDIA & COAL LTD.	20 SHARPE ROAD	R.R. #6	BRANTFORD ON CA	N3T 5L8
000255	3M CANADA COMPANY C/O	VICEROY RUBBER	1655 DUPONT ST.		TORONTO ON CA	M6P 3T1
000256	3M CANADA COMPANY C/O	CORLAB	175 RUE PEEL		MONTREAL PQ CA	H3C 2G6
000257	3M CANADA COMPANY C/O	INGENIA POLYMERS CORP.	3719 76 AVE. S.E.		CALGARY AB CA	T2C 3K7
000258	3M CANADA COMPANY	PROMOTIONAL MARKETS	14 PLASTICS AVE.		ETOBICOKE ON CA	M8Z 4B7
000259	3M CANADA COMPANY	C/O INTASCO CORPORATION	509 MACGREGOR AVENUE		LONDON ON CA	N6J 2S9
000260	3M CANADA COMPANY	C/O VCR ACTIVE MEDIA	3055 LENWORTH DRIVE		MISSISSAUGA ON CA	L4X 2G3
000261	3M CANADA COMPANY		1525 CARLING AVE.	SUITE 100	OTTAWA ON CA	K1Z 8R9
000262	3M CANADA COMPANY	C/O SPONGEZZ	79 ST. REGIS CRES. NORTH		NORTH YORK ON CA	M3J 1Y9
000263	3M CANADA COMPANY	C/O M. LEMIEUX	656 GRAHAM-BELL		STE-FOY QC CA	G1N 4H5
000264	3M CANADA COMPANY C/O	M TAKEDA TOOLS AND MACHINERY	95 MORLEY AVE.		HAMILTON ON CA	L8H 3R8
000265	3M CANADA COMPANY C/O	GRIMES IND. PRODUCTS INC.	130 RIVALDA ROAD		WESTON ON CA	M9M 2M8
000266	3M CANADA COMPANY C/O	SABRE INDUSTRIAL	7641 VANTAGE WAY	UNIT # 207	DELTA CA BC	V4G 1A6
000267	3M CANADA COMPANY C/O	AIRARMS INDUSTRIAL LTD.	301-13395 76TH AVE.		SURREY BC CA	V3W 6K2
000268	3M CANADA COMPANY C/O	AIRGUARD	3807 BISHOP LANE		LOUISVILLE KY US	40218
000269	3M CANADA COMPANY C/O	K & L INDUSTRIAL SUPPLY	4000 BOIS-FRANC		VILLE ST-LAURENT PQ CA	H4S 1A7
000270	3M CANADA COMPANY C/O	OPTIMAL SERVICES GROUP INC.	7350 TRANSCANADA HWY		SAINT-LAURENT PQ CA	H4T 1A3
000271	3M CANADA COMPANY C/O	THERMON HEAT TRACING SERVICES	854 UPPER CANADA DRIVE		SARNIA ON CA	N7W 1A4
000272	3M CANADA COMPANY C/O	THERMON HEAT TRACING SERVICES	333 - 28TH STREET N.E.		CALGARY AB CA	T2A 7P4
000273	3M CANADA COMPANY C/O	DRAXIS PHARMA	16751 TRANS- CANADA ROAD		KIRKLAND QC CA	H9H 4J4
000274	3M CANADA COMPANY C/O	SCOTT OFFICE SYSTEMS CANADA	530 SHEPPARD ST.		WINNIPEG MN CA	R2X 2P8
000275	3M CANADA COMPANY C/O	NATIONAL COURIER SERVICES LTD.	11330 - 143RD STREET		EDMONTON AL CA	T5M 1V5
000276	3M CANADA COMPANY		1001 53RD AVENUE N.E.		CALGARY AB CA	T2E 7E4

000277	3M CANADA COMPANY C/O	DUSTSTOP AIR FILTERS INC	330 CENTRE STREET		PETROLIA ON CA	N0N 1R0
000278	3M CANADA COMPANY C/O	ELECTRONICS PROJECT MGMT	195 ROYAL CREST COURT		MARKHAM ON CA	L3R 9X6
000279	3M CANADA COMPANY C/O	HARDING DISPLAY CORP.	150 DYNAMIC DRIVE		SCARBOROUGH ON CA	M1V 5A5
000280	3M CANADA COMPANY C/O	EPM CORP	6-399 SOUTH EDGEWARE ROAD		ST. THOMAS ON CA	N5P 4B8
000281	3M CANADA COMPANY C/O	JIT SHEET METALS	40 MILLWICK DRIVE	UNIT 8B	NORTH YORK ON CA	M9L 1Y3
000282	3M CANADA COMPANY C/O	SPINNAKER INDUSTRIES	27 LEADING ROAD		ETOBICOKE ON CA	M9V 4B7
000283	3M CANADA COMPANY	C/O TOTAL TRAFFIC SERVICES INC	2685 RENA ROAD		MISSIAAUGA ON CA	L4T 1G6
000284	3M CANADA COMPANY C/O	INLINE MANUFACTURING	34 - 2355 DERRY ROAD		MISSISSAUGA ON CA	L5S 1V6
000285	3M CANADA COMPANY		290 - 13151 VANIER PLACE		RICHMOND BC CA	V6V 2J1
000286	3M CANADA COMPANY C/O	WILLS TRANSFER	10 INDUSTRIAL ROAD		PERTH ON CA	K7H 3P2
000287	3M CANADA COMPANY C/O	FORMULA POWELL COMPANY	4300 SOUTH STREET		BLACKFALDS AB CA	T0M 0J0
000288	3M CANADA COMPANY C/O	MODERN AGE PLASTICS	50 FASKEN DRIVE	UNITS 2, 3, 4 & 5	ETOBICOKE ON CA	M9W 1K5
000289	3M CANADA COMPANY C/O	CANTEGA TECHNOLOGIES	11420 - 142 STREET		EDMONTON AB CA	T5M 1V1
001001	3M CANADA COMPANY		801 CLARKE ROAD	DOCK #1	LONDON ON CA	N5V 3B1
001095	3M CANADA COMPANY		1840 OXFORD STREET EAST	ATTN: ADMINISTRATIVE SERVICES	LONDON ON CA	N5V 3G2
001999	SEE INSTRUCTIONS BELOW	DROP SHIP LOCATION SHIP TO ADDRESS WILL BE INCLUDED IN COMMENTS				
002001	3M CANADA COMPANY		801 CLARKE ROAD	DOCK #2	LONDON ON CA	N5V 3B1
002095	3M CANADA COMPANY		1840 OXFORD STEET EASH	ATTN: PURCHASING DEPARTMENT.	LONDON ON CA	N5V 3G2
003001	3M CANADA COMPANY		801 CLARKE ROAD	DOCK # 3	LONDON ON CA	N5V 3B1
003999	CALL MATT JONES	(519) 452-6216	WHEN CAR IS READY		LONDON ON CA	N6A 4T1
004001	3M CANADA COMPANY		801 CLARKE ROAD	DOCK # 4	LONDON ON CA	N5V 3B1
004999	PICKED UP		PICKED UP		LONDON ON CA	N6A 4T1
005001	3M CANADA COMPANY		801 CLARKE ROAD	DOCK # 5	LONDON ON CA	N5V 3B1
005999	TO REMAIN AT VENDORS					

Appendix B Allowance/Charge Codes

Allowance/Charge Code	Description
A470	Art Work
B570	Container Deposits
B860	Customs Broker Fee
C040	Delivery
C080	Demurrage (new)
C310	Discount
C480	Drum Cost
C490	Drum Deposit
C530	Duty Charge
D270	Fuel Surcharge (new)
E820	Non-returnable Containers
F180	Pallet
F970	Rebate
G510	Returnable Container
G760	Set up
G830	Shipping and Handling (new)
H090	Special Handling
I120	Tools for Printing (new)
ZZZZ	Mutually Defined

Appendix C Addition of Drop Ship Codes to 850 Purchase Order

SEGMENT: **BEG - BEGINNING SEGMENT FOR PURCHASE ORDER**
 LEVEL: HEADER
 USAGE: MANDATORY
 MAX USE: 1
 PURPOSE: INDICATES BEGINNING OF A PURCHASE ORDER TRANSACTION SET AND TRANSMITS IDENTIFYING NUMBERS AND DATES.

FIELD	DATA				
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS	
BEG01	353	TRANSACTION SET PURPOSE CODE	M ID 2/2	'00'	ORIGINAL = NEW
				'05'	REPLACE = REPLACES PREVIOUS ORDER
				'01'	CANCELLATION = REMOVE PO FROM SYSTEM
				'06'	CONFIRMATION = USED IF ORDER HAS PREVIOUSLY BEEN PLACED
BEG02	92	PURCHASE ORDER TYPE CODE	M ID 2/2	'CF'	CONFIRMATION
				'CP'	CHANGE TO PURCHASE ORDER
				'DS'	DROP SHIP
				'NE'	NEW ORDER
				'ZZ'	MUTUALLY DEFINED
BEG03	324	PURCHASE ORDER NUMBER	M AN 1/22	PURCHASE ORDER NUMBER	
BEG05	373	PURCHASE ORDER DATE	M DT 8/8	CCYYMMDD – PURCHASE ORDER DATE	

**** DS code added to the BEG 02 ****

SEGMENT: **N1 - NAME**
 LEVEL: HEADER
 LOOP: N1 REPEAT: 200
 USAGE: OPTIONAL
 MAX USE: 1
 PURPOSE: TO IDENTIFY A PARTY BY TYPE OF ORGANIZATION, NAME AND CODE.

FIELD	DATA				
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS	
N101	98	ENTITY IDENTIFIER CODE	M ID 2/3	'BT'	= BILL TO
				'ST'	= SHIP TO
				'VN'	= VENDOR
N102	93	NAME	C AN 1/60	BILL TO, SHIP TO, VENDOR NAME	
N103	66	IDENTIFICATION CODE QUALIFIER	C ID 1/2	'92'	
N104	67	IDENTIFICATION CODE	C AN 2/10	SEE APPENDIX A FOR SHIP TO CODES	

***** Will send 3 occurrences, Bill to, Ship to and Vendor *****

***** If Ship to N1 04 = 001999, order is a Drop Ship. Ship to N3 and N4 segments will not be sent when order is a Drop Ship. Address information of where the order is to be shipped will be included in the Header level MSG segment *****

Appendix D 810 Invoice- Changes to accommodate Drop Ship Purchase Orders

SEGMENT: N1 - NAME

LEVEL: HEADER

LOOP: N1 REPEAT: 200

USAGE: MANDATORY

MAX USE: 1

PURPOSE: TO IDENTIFY A PARTY BY TYPE OF ORGANIZATION, NAME AND CODE.

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/COMMENTS
<u>Occurrence 1:</u>				
N101	98	ENTITY IDENTIFIER CODE	M ID 2/3	ST = SHIP TO
N102	93	NAME	C AN 1/60	SHIP TO LOCATION NAME
N103	66	IDENTIFICATION CODE QUALIFIER	M ID 1/2	"92"
N104	67	IDENTIFICATION CODE	M AN 2/20	3m SHIP TO CODE (See Appendix A)

***** For Drop ship orders, please send back the Value sent in the N1 04 of the Purchase Order. The value for a Drop ship is 001999. *****

Occurrence 2:

N101	98	ENTITY IDENTIFIER CODE	M ID 2/3	VN = VENDOR
N102	93	NAME	C AN 1/60	VENDOR NAME
N103	66	IDENTIFICATION CODE QUALIFIER	M ID 1/2	"92"
N104	67	IDENTIFICATION CODE	M AN 2/20	SUPPLIER NUMBER FROM N104 OF THE VENDOR SEGMENT ON THE PURCHASE ORDER

SEGMENT: N3 - ADDRESS INFORMATION

LEVEL: HEADER

LOOP: N1 REPEAT: 200

USAGE: MANDATORY

MAX USE: 2

PURPOSE: TO SPECIFY THE LOCATION OF THE NAMES PARTY.

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/COMMENTS
N301	166	ADDRESS INFORMATION	M AN 1/55	SHIP TO/VENDOR ADDRESS INFORMATION
N302	166	ADDRESS INFORMATION	O AN 1/55	SHIP TO/VENDOR ADDRESS INFORMATION

***** If the 850 is a drop-ship order, noted with a DS in the BEG 02, then the N3 segment is not required*****

SEGMENT: N4 - GEOGRAPHIC LOCATION

LEVEL: HEADER

LOOP: N1

USAGE: MANDATORY

MAX USE: >1

PURPOSE: TO SPECIFY THE GEOGRAPHIC PLACE OF THE NAMED PARTY.

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
N401	19	CITY NAME	O AN 2/30	SHIP TO/VENDOR CITY
N402	156	STATE	M ID 2/2	SHIP TO/VENDOR STATE/PROVINCE CODE 'ON' = Ontario 'PQ' = Quebec

'BC' = British Columbia
'NL' = Newfoundland and Labrador
'NS' = Nova Scotia
'NB' = New Brunswick
'MB' = Manitoba
'SK' = Saskatchewan
'AB' = Alberta
'PE' = Prince Edward Island
'YU' = Yukon
'NT' = Northwest Territories
'NU' = Nunavut

N403	116	POSTAL CODE	O ID 3/15	SHIP TO/VENDOR POSTAL CODE
N404	26	COUNTRY CODE	M ID 2/3	SHIP TO/VENDOR COUNTRY CODE

*** If the 850 was a Drop Ship order, noted with a DS in the BEG 02, then the N4 02 is the only element required to be sent back in the N4 segment of the N1 Ship to loop. The codes that can be sent are noted above in the Comments section of the N4 02. Your invoice will reject if the order is a drop ship and the code sent in the N4 02 does not match one of the above. ***