



## ELECTRONIC INVOICE 'RAW' MESSAGE FORMAT

(Version DTL-2.5, Document 1.9) – Effective 22 December 2016

Electronic output will be a pipe delimited ASCII file consisting of the messages in the following pages.

### Message Format Notes

- Empty Alphanumeric or Integer/Date fields are represented by a single space.
- Integer fields are not permitted to be blank and will display a value of zero (0) where there is no value.
- Signed Decimal fields are not permitted to be blank and will display a value of zero (0.00) where there is no value.
- Signed Decimal fields will only include the sign if the value is negative.
- Fields highlighted in Yellow represent the Unique Key for each record type.

### Changes in this Version highlighted in Red

- Renaming motorway "NSW Roads & Traffic Authority" to "Sydney Harbour Bridge & Tunnel"
- Add new "Sydney Harbour Bridge & Tunnel" trip descriptions

### MIH201 Document Header (One Only)

Field	Field Name	Data Type	Max Length	Value/Description
1	RECORD TYPE	Alphanumeric	6	MIH201
2	DOCUMENT NUMBER	Alphanumeric	20	System Assigned
3	IRS VERSION NUMBER	Alphanumeric	10	DTL-2.5
4	FILE CREATION DATE / BATCH	Alphanumeric	14	YYYYMMDD00BBBB

### MIH202 Document Details (One Only)

Field	Field Name	Data Type	Max Length	Value/Description
1	RECORD TYPE	Alphanumeric	6	MIH202
2	DOCUMENT NUMBER	Alphanumeric	20	System Assigned
3	DOCUMENT DATE	Integer/Date	8	YYYYMMDD
4	DOCUMENT TYPE	Alphanumeric	2	ID = Invoice Detailed CA = Invoice Consol
5	DELIVERY METHOD	Alphanumeric	10	EMAIL, POST, WEB
6	PAYMENT DUE DATE	Integer/Date	8	YYYYMMDD
7	OPEN BAL DATE	Integer/Date	8	YYYYMMDD
8	CLOSE BAL DATE	Integer/Date	8	YYYYMMDD
9	OPENING BALANCE	Signed Decimal	17	
10	CLOSING BALANCE	Signed Decimal	17	
11	GST IN DOCUMENT	Signed Decimal	17	
12	DELINQUENT AMOUNT	Signed Decimal	17	
13	FINAL BILL	Alphanumeric	1	Y/N (Default = N)
14	CURRENCY CODE	Alphanumeric	3	AUD
15	CURRENCY SYMBOL	Alphanumeric	4	\$
16	DEBT CLASS CODE	Alphanumeric	4	
17	DEBT CLASS DESCRIPTION	Alphanumeric	30	
18	PREVIOUS DOCUMENT NUMBER	Alphanumeric	14	
19	PREVIOUS DOCUMENT DATE	Integer/Date	8	YYYYMMDD
20	CONSOLIDATION ACCOUNT NUMBER	Alphanumeric	80	If applicable
21	CONSOLIDATION DOCUMENT NUMBER	Alphanumeric	80	If applicable

### MIH203 Document Summary (One Per Txn Classification)

A summary of Financial Transactions by Classification for this document. Every Classification will always be represented regardless of whether there are Financial Transactions for that Classification.

Field	Field Name	Data Type	Max Length	Value/Description
1	RECORD TYPE	Alphanumeric	6	MIH203
2	DOCUMENT NUMBER	Alphanumeric	20	System Assigned
3	TXN CLASSIFICATION	Alphanumeric	20	PAYMENT, FEE, TRIP, DAYPASS, DEPOSIT
4	TXN QUANTITY	Integer	16	
5	TXN GROSS VALUE	Signed Decimal	17	
6	TXN STD RELEVANT TOLL	Signed Decimal	17	
7	TXN DISCOUNT RATE	Signed Decimal	17	
8	TXN DISCOUNT	Signed Decimal	17	
9	TXN GST	Signed Decimal	17	
10	TXN NET VALUE	Signed Decimal	17	
11	MD LTI FEE	Signed Decimal	17	Blank
12	MD NTIV FEE	Signed Decimal	17	Blank

## MIH204 Document Distribution (One or More)

A record will exist for each individual whom has been sent a copy of this document at the time of issue.

Field	Field Name	Data Type	Max Length	Value/Description
1	RECORD TYPE	Alphanumeric	6	MIH204
2	DOCUMENT NUMBER	Alphanumeric	20	System Assigned
3	SEQUENCE NUMBER	Alphanumeric	2	
4	VAULT FLAG	Alphanumeric	1	Y or N
5	DELIVERY METHOD	Alphanumeric	10	
6	EMAIL ADDRESS	Alphanumeric	70	
7	MARKETING FLAG	Alphanumeric	1	Y or N
8	SALUTATION	Alphanumeric	64	
9	NAME 1	Alphanumeric	64	
10	NAME 2	Alphanumeric	64	
11	NAME 3	Alphanumeric	64	
12	ADDRESS 1	Alphanumeric	64	
13	ADDRESS 2	Alphanumeric	64	
14	ADDRESS 3	Alphanumeric	64	
15	ADDRESS 4	Alphanumeric	64	
16	CITY	Alphanumeric	30	
17	STATE	Alphanumeric	6	
18	COUNTRY	Alphanumeric	3	
19	POSTCODE	Alphanumeric	12	
20	FAX NUMBER	Alphanumeric	35	
21	SMS NUMBER	Alphanumeric	35	
22	PERSON ID	Alphanumeric	64	

## MIH205 Account Details (One Only)

Field	Field Name	Data Type	Max Length	Value/Description
1	RECORD TYPE	Alphanumeric	6	MIH205
2	DOCUMENT NUMBER	Alphanumeric	20	System Assigned
3	ACCOUNT IDENTIFIER	Alphanumeric	12	Account reference
4	ACCOUNT TYPE	Alphanumeric	16	PREPAID, POSTPAID, CONSOL
5	ACCOUNT STATUS	Alphanumeric	30	CC&B ACCOUNT STATUS
6	ACCOUNT ENTITY NAME	Alphanumeric	64	
7	SALUTATION	Alphanumeric	64	
8	NAME 1	Alphanumeric	64	
9	NAME 2	Alphanumeric	64	
10	NAME 3	Alphanumeric	64	
11	MAIL ADDRESS 1	Alphanumeric	64	
12	MAIL ADDRESS 2	Alphanumeric	64	
13	MAIL ADDRESS 3	Alphanumeric	64	
14	MAIL ADDRESS 4	Alphanumeric	64	
15	MAIL CITY	Alphanumeric	30	
16	MAIL STATE	Alphanumeric	6	
17	MAIL COUNTRY	Alphanumeric	3	
18	MAIL POSTCODE	Alphanumeric	12	
19	MAIL DPID	Alphanumeric	12	
20	MAIL BSP	Alphanumeric	12	
21	MAIL BARCODE	Alphanumeric	64	
22	TO EMAIL ADDRESSES	Alphanumeric	250	Multiple address will be separated by semi-colons
23	CC EMAIL ADDRESSES	Alphanumeric	250	Multiple address will be separated by semi-colons
24	FAX NUMBER	Alphanumeric	35	
25	MARKETING FLAG	Alphanumeric	1	Y/N (Default = N)
26	NO MAIL FLAG	Alphanumeric	1	Y/N (Default = N)
27	RETURN MAIL FLAG	Alphanumeric	1	Y/N (Default = N)
28	OPERATIONAL STANDING AUTHORISATION	Alphanumeric	1	Y/N (Default = N)
29	CUSTOMER ABN	Alphanumeric	10	
30	PAYMENT REFERENCE	Alphanumeric	13	AccountNo + Luhn CheckDigit
31	SMS NUMBER	Alphanumeric	35	
32	INTERNAL USE	Alphanumeric	80	Reserved for future use

### MIH206 Account Characteristics (Zero or More)

Field	Field Name	Data Type	Max Length	Value/Description
1	RECORD TYPE	Alphanumeric	6	<b>MIH206</b>
2	DOCUMENT NUMBER	Alphanumeric	20	System Assigned
3	CHARACTERISTIC ID	Alphanumeric	20	Identity
4	CHARACTERISTIC TYPE CODE	Alphanumeric	8	
5	CHARACTERISTIC VALUE	Alphanumeric	254	
6	CHARACTERISTIC DESCRIPTION	Alphanumeric	60	

### MIH210 Premise (One or More)

Field	Field Name	Data Type	Max Length	Value/Description
1	RECORD TYPE	Alphanumeric	6	<b>MIH210</b>
2	DOCUMENT NUMBER	Alphanumeric	20	System Assigned
3	PREMISE ID	Alphanumeric	10	Unique premise identifier, referenced on subsequent records to link equipment and financial transactions to a particular premise.
4	NON-PREMISE SWITCH	Alphanumeric	1	Default = N
5	ADDRESS1	Alphanumeric	64	
6	ADDRESS2	Alphanumeric	64	
7	ADDRESS3	Alphanumeric	64	
8	ADDRESS4	Alphanumeric	64	
9	CITY	Alphanumeric	30	
10	STATE	Alphanumeric	6	
11	POSTCODE	Alphanumeric	12	
12	COUNTRY	Alphanumeric	3	
13	SOURCE DOCUMENT	Alphanumeric	20	Only populated for Consolidated Documents

## MIH211 Service Agreement (One or More)

Field	Field Name	Data Type	Max Length	Value/Description
1	RECORD TYPE	Alphanumeric	6	MIH211
2	DOCUMENT NUMBER	Alphanumeric	20	System Assigned
3	PREMISE ID	Alphanumeric	10	Unique premise identifier linking this record to a specific MIH210
4	SERVICE AGREEMENT ID	Alphanumeric	10	Unique service agreement identifier, referenced on subsequent records to link equipment and financial transactions to a particular service agreement.
5	SIC CODE	Alphanumeric	4	ACCT (if legacy account id is known)
6	SIC DESCRIPTION	Alphanumeric	30	Legacy Account ID (if legacy account id is known)
7	BUSINESS UNIT	Alphanumeric	10	
8	SA TYPE CODE	Alphanumeric	8	Refer to list of valid codes below.
9	SA TYPE DESCRIPTION	Alphanumeric	30	
10	SA TYPE DFLT DESCR	Alphanumeric	80	
11	SVC TYPE CODE	Alphanumeric	2	OT = Other; TW = Tollway
12	SVC TYPE DESCRIPTION	Alphanumeric	30	
13	REV CLASS CODE	Alphanumeric	8	
14	CHAR PREM ID	Alphanumeric	10	
15	SA REL ID	Alphanumeric	10	
16	SA REL TYPE CODE	Alphanumeric	8	
17	SA REL TYPE DESCRIPTION	Alphanumeric	30	
18	SPR CODE	Alphanumeric	12	
19	SPR DESCRIPTION	Alphanumeric	50	
20	SPR ENTITY NAME	Alphanumeric	64	
21	SOURCE DOCUMENT	Alphanumeric	20	Only populated for Consolidated Documents

**SERVICE AGREEMENT ID**

<b>SA TYPE CODE</b>	<b>SA TYPE DESCRIPTION</b>
CL-COMM	CityLink Commercial (Monthly Invoice)
CL-COMMV	Commercial Video (Monthly Invoice)
CL-EXMPT	CityLink Exemption
CL-MOTOT	Motor Trader (Monthly Invoice)
CL-MTPAS	Metro Taxi Pass (One per vehicle type)
CL-PA-BF	Citylink - Payment Arrangement - Balance Forward
CL-PA-OI	Citylink - Payment Arrangement
CL-PASS	CityLink Pass
CL-PLUS	CityLink Plus (Invoice per Charge)
CL-RENT	Rental (Monthly Invoice)
CL-TAXIO	Taxi Owner (Monthly Invoice)
CL-TULLA	Tulla Pass (One per vehicle type)
CL-TXOD	Taxi Owner Driver(Monthly Invoice)
CL-WKDPS	Weekend Pass (One per vehicle type)
DEPOSIT	Security Deposit
LBCHSUSP	Locked Box Cheque - Unallocated Payments
RCL-WOCM	Write Off - Citylink Retail Commercial
RCL-WOCN	Write Off - Citylink Retail Consumer



### MIH212 Service Agreement Characteristics (Zero or More)

Field	Field Name	Data Type	Max Length	Value/Description
1	RECORD TYPE	Alphanumeric	6	<b>MIH212</b>
2	DOCUMENT NUMBER	Alphanumeric	20	System Assigned
3	PREMISE ID	Alphanumeric	10	Unique premise identifier linking this record to a specific MIH210
4	SERVICE AGREEMENT ID	Alphanumeric	10	Unique service agreement identifier, referenced on subsequent records to link equipment and financial transactions to a particular service agreement.
5	CHARACTERISTIC ID	Alphanumeric	20	Identity
6	CHARACTERISTIC TYPE CODE	Alphanumeric	8	
7	CHARACTERISTIC VALUE	Alphanumeric	254	
8	CHARACTERISTIC DESCRIPTION	Alphanumeric	60	
9	SA TYPE CODE	Alphanumeric	8	

## MIH215 Equipment Details (One or More)

Field	Field Name	Data Type	Max Length	Value/Description
1	RECORD TYPE	Alphanumeric	6	MIH215
2	DOCUMENT NUMBER	Alphanumeric	20	System Assigned
3	PREMISE ID	Alphanumeric	10	Unique premise identifier linking this record to a specific MIH210
4	SERVICE AGREEMENT ID	Alphanumeric	10	Unique SA identifier linking this record to a specific MIH211
5	TOKEN IDENTIFIER	Alphanumeric	30	Tag Serial Number or Vehicle LPN-State
6	TOKEN TYPE CODE	Alphanumeric	8	Item Type Code (refer list below)
7	TOKEN TYPE DESCRIPTION	Alphanumeric	30	Item Type Description (refer list below)
8	TOKEN CLASS	Alphanumeric	12	CAR, LCV, HCV
9	TOKEN PO NUMBER	Alphanumeric	30	Purchase Order Number
10	TOKEN REPLACEMENT ID	Alphanumeric	30	Tag Replaced By ID
11	TOKEN SHIPMENT DATE	Integer/Date	8	Tag Shipment Date YYYYMMDD
12	TOKEN WARRANTY END	Integer/Date	8	Tag Warranty End Date YYYYMMDD
13	TOKEN DEPOSIT AMOUNT	Signed Decimal	17	Tag Deposit Amount
14	TOKEN STATUS	Alphanumeric	20	e.g. ISSUED, ACTIVE, STOLEN, LOST, DESTROYED, FAULTY
15	ASSOC. VEHICLE LPN	Alphanumeric	20	
16	ASSOC. VEHICLE STATE	Alphanumeric	30	
17	ASSOC. PLATE TYPE	Alphanumeric	30	Type of Number Plate. For non-VEHICLE item type this field will be populated by a space
18	ASSOC. VEHICLE CLASS	Alphanumeric	12	MOTORCYCLE, CAR, LCV, HCV
19	ASSOC. VEHICLE FLEET ID	Alphanumeric	28	
20	ASSOC. VEHICLE CHG OWNERSHIP	Integer/Date-Time	14	YYYYMMDDHHMMSS
21	ASSOC. VEHICLE METALLIC WINDSCREEN	Alphanumeric	1	Y/N (Default = N)
22	ASSOC. VEHICLE MAKE	Alphanumeric	30	
23	ASSOC. VEHICLE MODEL	Alphanumeric	30	
24	ASSOC. VEHICLE YEAR	Alphanumeric	4	
25	ASSOC. VEHICLE COLOUR	Alphanumeric	30	

Field	Field Name	Data Type	Max Length	Value/Description
26	ASSOC. START DATE	Integer/Date	8	Start date of the Vehicle Association – YYYYMMDD
27	ASSOC. END DATE	Integer/Date	8	End date of the Vehicle Association – YYYYMMDD
28	PRINT ON BILL	Alphanumeric	1	Y/N (Default = Y)
29	SA TYPE CODE	Alphanumeric	8	
30	RECORD SORT KEY	Alphanumeric	80	

## MIH216 Equipment Transaction Summary (Zero or More)

A summary of Financial Transactions by Classification for each unique Equipment instance. Only Equipment items that have financial transactions will be represented here.

Field	Field Name	Data Type	Max Length	Value/Description
1	RECORD TYPE	Alphanumeric	6	<b>MIH216</b>
2	DOCUMENT NUMBER	Alphanumeric	20	System Assigned
3	PREMISE ID	Alphanumeric	10	Unique premise identifier linking this record to a specific MIH210
4	SERVICE AGREEMENT ID	Alphanumeric	10	Unique SA identifier linking this record to a specific MIH211
5	TOKEN IDENTIFIER	Alphanumeric	30	Tag Serial Number or Vehicle LPN-State
6	TXN CLASSIFICATION	Alphanumeric	20	PAYMENT, FEE, TRIP, DAYPASS, DEPOSIT
7	ASSOC. PLATE TYPE	Alphanumeric	30	Type of Number Plate. For non-VEHICLE item type this field will be populated by a space
8	TXN QUANTITY	Integer	16	
9	TXN AMOUNT	Signed Decimal	17	
10	TXN DISCOUNT	Signed Decimal	17	
11	TXN NET AMOUNT	Signed Decimal	17	
12	TXN GST	Signed Decimal	17	
13	LPN	Alphanumeric	20	
14	STATE	Alphanumeric	6	
15	FLEET ID	Alphanumeric	28	
16	SA TYPE CODE	Alphanumeric	8	
17	RECORD SORT KEY	Alphanumeric	80	

## MIH217 Equipment Trip Summary (One or More)

A summary of Trip Transactions by Tag Serial Number / Vehicle LPN-State. Every Tag Serial Number / Vehicle LPN-State will always be represented regardless of whether there are Financial Transactions for that Tag Serial Number / Vehicle LPN-State.

Field	Field Name	Data Type	Max Length	Value/Description
1	RECORD TYPE	Alphanumeric	6	MIH217
2	DOCUMENT NUMBER	Alphanumeric	20	System Assigned
3	TOKEN IDENTIFIER	Alphanumeric	30	Tag Serial Number or Vehicle LPN-State
4	PLATE TYPE	Alphanumeric	30	Type of Number Plate. For a tag-type item this field will be populated by a space
5	TOKEN TYPE CODE	Alphanumeric	8	A-TYPE = A-Type eTag B-TYPE = B-Type eTag C-TYPE = C-Type eTag D-TYPE = D-Type eTag VEHICLE = Vehicle
6	TOKEN CLASS	Alphanumeric	12	CAR, LCV, HCV
7	TXN QUANTITY	Integer	16	
8	TXN NET AMOUNT	Signed Decimal	17	
9	ASSOC. VEHICLE LPN	Alphanumeric	20	
10	ASSOC. VEHICLE STATE	Alphanumeric	30	
11	ASSOC. VEHICLE CLASS	Alphanumeric	12	MOTORCYCLE, CAR, LCV, HCV
12	ASSOC. VEHICLE FLEET ID	Alphanumeric	28	
13	SOURCE DOCUMENT ID	Alphanumeric	20	Will be populated with the source document ID for consolidated invoices. For other invoices it will contain the same value as 'DOCUMENT NUMBER'
14	RECORD SORT KEY	Alphanumeric	80	

## MIH220 Financial Transaction (Zero or More)

All Financial Transactions are represented within this single record type. The Class of transaction is represented in field 3 – PAYMENT, FEE, TRIP, DAYPASS, DEPOSIT.

Field	Field Name	Data Type	Max Length	Value/Description
1	RECORD TYPE	Alphanumeric	6	<b>MIH 220</b>
2	DOCUMENT NUMBER	Alphanumeric	20	System Assigned
3	TXN CLASSIFICATION	Alphanumeric	20	PAYMENT, FEE, TRIP, DAYPASS, DEPOSIT
4	TXN IDENTIFIER	Alphanumeric	20	Usage Transaction ID or Transaction Reference
5	SEQUENCEID	Alphanumeric	2	Instance of this Txn Id within this document
6	PREMISE ID	Alphanumeric	10	Unique premise identifier linking this record to a specific MIH210
7	SERVICE AGREEMENT ID	Alphanumeric	10	Unique SA identifier linking this record to a specific MIH211
8	SOURCE ASSET ID	Alphanumeric	3	Refer listing below
9	SOURCE TXN TYPE	Alphanumeric	20	ACCOUNT, VEHICLE, TOKEN, ENFORCEMENT
10	SOURCE TXN IDENTIFIER	Alphanumeric	20	Account ID, Vehicle LPN-State, Token ID, Notice ID
11	SOURCE TXN CLASS	Alphanumeric	12	MOTORCYCLE CAR, LCV, HCV
12	TXN DATE	Integer/Date	8	YYYYMMDD
13	TXN QUANTITY	Integer	16	1 unless is TRIPSUM then is qty of trips summarised in this record
14	TXN START DATE/TIME	Integer/Date-Time	14	YYYYMMDDHHMMSS
15	TXN END DATE/TIME	Integer/Date-Time	14	YYYYMMDDHHMMSS
16	TXN DESCRIPTION	Alphanumeric	80	PAYMENT: Cash; Credit Card; Cheque; Direct Debit; EFTPOS; Money Order; Offline FEE: Fee Name DAYPASS: Blank TRIP: Trip Description on Invoice (Refer Gantry Table at end of this document)
17	TXN REASON	Alphanumeric	30	Description supplied by operator if this is a manual adjustment
18	TXN AMOUNT	Signed Decimal	17	
19	TXN DISCOUNT	Signed Decimal	17	
20	TXN NET AMOUNT	Signed Decimal	17	

Field	Field Name	Data Type	Max Length	Value/Description
21	TXN GST	Signed Decimal	17	
22	GANTRY START	Alphanumeric	60	
23	GANTRY END	Alphanumeric	60	
24	LPN	Alphanumeric	20	
25	STATE	Alphanumeric	6	
26	FLEET ID	Alphanumeric	28	
27	PRINT ON BILL	Alphanumeric	1	Y/N (Default = Y)
28	CANCEL REASON CODE	Alphanumeric	4	
29	CANCEL REASON DESCRIPTION	Alphanumeric	30	
30	SOURCE DOCUMENT	Alphanumeric	20	Only populated for Consolidated Documents
31	SOURCE ACCOUNT ID	Alphanumeric	12	Only populated for Consolidated Documents
32	PLATE TYPE	Alphanumeric	30	Type of Number Plate. For a non-Vehicle equipment item this field will be populated by a space
33	TOLLWAY NAME	Alphanumeric	80	SOURCE ASSET ID name
34	LTN ID	Alphanumeric	30	If the charge is from a Late Toll Notice applied to the account, will contain the notice ID
35	INTERNAL USE 5	Alphanumeric	80	Reserved for future use
36	INTERNAL USE 6	Alphanumeric	80	Reserved for future use
37	INTERNAL USE 7	Alphanumeric	80	Reserved for future use
38	INTERNAL USE 8	Alphanumeric	80	Reserved for future use
39	SA TYPE CODE	Alphanumeric	8	
40	RECORD SORT KEY	Alphanumeric	80	

#### SOURCE ASSET ID

060 = Melbourne Citylink

076 = VIC EastLink

100 = Sydney Harbour Bridge & Tunnel

101 = NSW M1 Airport Motorway

105 = NSW M5 South-West Motorway

107 = NSW Roam Westlink M7

108 = NSW CrossCity Motorway

109 = NSW Lane Cove Tunnel

112 = NSW M2 Hills Motorway

190 = Sydney Airport

201 = Queensland Motorways

210 = Brisbane Airport

222 = QLD Brisbane Airport Link

288 = QLD Rivercity Motorway

## MIH242 Source Document (Zero or More)

This record will only appear for MIH202 DOCUMENT TYPE = CA (Consolidated Invoice). Each instance of this record represents a source Invoice that forms part of this Consolidated Invoice.

Field	Field Name	Data Type	Max Length	Value/Description
1	RECORD TYPE	Alphanumeric	6	MIH242
2	DOCUMENT NUMBER	Alphanumeric	20	System Assigned
3	SOURCE DOCUMENT	Alphanumeric	20	CR474
4	SOURCE DOCUMENT DATE	Integer/Date	8	YYYYMMDD (MIH202)
5	PAYMENT DUE DATE	Integer/Date	8	YYYYMMDD (MIH202)
6	OPEN BAL DATE	Integer/Date	8	YYYYMMDD (MIH202)
7	CLOSE BAL DATE	Integer/Date	8	YYYYMMDD (MIH202)
8	OPENING BALANCE	Signed Decimal	17	(MIH202)
9	CLOSING BALANCE	Signed Decimal	17	(MIH202)
10	GST IN DOCUMENT	Signed Decimal	17	(MIH202)
11	DELINQUENT AMOUNT	Signed Decimal	17	(MIH202)
12	CURRENCY CODE	Alphanumeric	3	AUD (MIH202)
13	CURRENCY SYMBOL	Alphanumeric	4	\$ (MIH202)
14	ACCOUNT IDENTIFIER	Alphanumeric	12	Account reference (MIH205)
15	ACCOUNT ENTITY NAME	Alphanumeric	64	(MIH205)



### MIH243 Source Document Summary (Zero or More)

This record will only appear for MIH202 DOCUMENT TYPE = CA (Consolidated Invoice). These records present the MIH203 Document Summary information of the source Invoices that form this Consolidated Invoice.

Field	Field Name	Data Type	Max Length	Value/Description
1	RECORD TYPE	Alphanumeric	6	<b>MIH243</b>
2	DOCUMENT NUMBER	Alphanumeric	20	System Assigned
3	SOURCE DOCUMENT	Alphanumeric	20	CR474
4	TXN CLASSIFICATION	Alphanumeric	20	PAYMENT, FEE, TRIP, DAYPASS, DEPOSIT
5	TXN QUANTITY	Integer	16	
6	TXN GROSS VALUE	Signed Decimal	17	
7	TXN STD RELEVANT TOLL	Signed Decimal	17	
8	TXN DISCOUNT RATE	Signed Decimal	17	
9	TXN DISCOUNT	Signed Decimal	17	
10	TXN GST	Signed Decimal	17	
11	TXN NET VALUE	Signed Decimal	17	

### MIH290 Bill Messages (Zero or More)

Field	Field Name	Data Type	Max Length	Value/Description
1	RECORD TYPE	Alphanumeric	6	MIH290
2	DOCUMENT NUMBER	Alphanumeric	20	System Assigned
3	BILL MESSAGE CODE	Alphanumeric	4	
4	MESSAGE PRIORITY FLAG	Alphanumeric	2	
5	INSERT CODE	Alphanumeric	8	
6	MSG ON BILL	Alphanumeric	254	

### MIH299 Document Footer (One Only)

Field	Field Name	Data Type	Max Length	Value/Description
1	RECORD TYPE	Alphanumeric	6	MIH299
2	DOCUMENT NUMBER	Alphanumeric	20	System Assigned
3	MESSAGE QUANTITY	Integer	16	Number of message records for this document, excluding the document header and this footer.

### MIH999 File Footer (One Only)

Field	Field Name	Data Type	Max Length	Value/Description
1	RECORD TYPE	Alphanumeric	6	MIH999
2	BATCH DATE/TIME	Integer/Date-Time	14	YYYYMMDDHHMMSS
3	ISSUING ENTITY CODE	Alphanumeric	3	CML
4	ISSUING ENTITY NAME	Alphanumeric	64	CityLink Melbourne Ltd
5	NUMBER OF DOCUMENTS IN THIS FILE	Integer	16	1

## Motorway Gantry Table

Motorway (ID)	Plaza / Trip Description
Melbourne Citylink (060)	Tullamarine Fwy to Brunswick/Flemington Rd
	Tullamarine Fwy to Dynon/Footscray Rd
	Tullamarine Fwy to Bolte Bridge
	Tullamarine Fwy to Burnley St
	Tullamarine Fwy to Burnley Tunnel
	Tullamarine Fwy to Monash Fwy/Toorak Rd
	Brunswick/Flemington Rd to Tullamarine Fwy
	Racecourse Rd to Dynon/Footscray Rd
	Racecourse Rd to Bolte Bridge
	Racecourse Rd to Burnley St
	Racecourse Rd to Burnley Tunnel
	Racecourse Rd to Monash Fwy/Toorak Rd
	Dynon/Footscray Rd to Tullamarine Fwy
	Dynon/Footscray Rd to Racecourse Rd
	Footscray Rd to Bolte Bridge
	Footscray Rd to Burnley St
	Footscray Rd to Burnley Tunnel
	Footscray Rd to Monash Fwy/Toorak Rd
	Bolte Bridge to Tullamarine Fwy
	Bolte Bridge to Racecourse Rd
	Bolte Bridge to Footscray Rd
	Gibdon St to Punt Rd
	Gibdon St to Swan St
	Gibdon St to Exhibition St Ext
	Burnley Tunnel to Burnley St
	Burnley Tunnel
	Burnley Tunnel to Monash Fwy/Toorak Rd
	Burnley to Monash Fwy/Toorak Rd
	Monash Fwy/Toorak Rd to Tullamarine Fwy
	Monash Fwy/Toorak Rd to Racecourse Rd
	Monash Fwy/Toorak Rd to Footscray Rd
	Monash Fwy/Toorak Rd to Punt Rd
	Monash Fwy/Toorak Rd to Swan St
	Monash Fwy/Toorak Rd to Yarra Boulevard
	Monash Fwy/Toorak Rd to Exhibition St Ext
	Monash Fwy/Toorak Rd to Domain Tunnel
Punt Rd to Monash Fwy/Toorak Rd	
Punt Rd to Burnley St	
Exhibition St to Monash Fwy/Toorak Rd	
Exhibition St to Burnley St	
Exhibition St to Swan St	
Exhibition St to Church St	

Motorway (ID)	Plaza / Trip Description
	Swan St to Exhibition St Ext
	Swan St to Monash Fwy/Toorak Rd
	Swan St to Burnley St
	Swan St to Church St
	Gibdon St to Tullamarine Fwy
	Gibdon St to Racecourse Rd
	Gibdon St to Footscray Rd
	Gibdon St to Domain Tunnel
VIC EastLink (076)	EL Mullum Mullum Tunnel to Maroondah Hwy
	EL Mullum Mullum Tunnel to Canterbury Rd
	EL Mullum Mullum Tunnel to Boronia Rd
	EL Mullum Mullum Tunnel to Burwood Hwy
	EL Mullum Mullum Tunnel to High St Rd
	EL Mullum Mullum Tunnel to Ferntree Gully Rd
	EL Mullum Mullum Tunnel to Wellington Rd
	EL Mullum Mullum Tunnel to Police Rd
	EL Mullum Mullum Tunnel to Princes Hwy
	EL Mullum Mullum Tunnel to Cheltenham Rd
	EL Mullum Mullum Tunnel to Greens Rd
	EL Mullum Mullum Tunnel to Thompson Rd
	EL Mullum Mullum Tunnel to Frankston Fwy
	EL Maroondah Hwy to Canterbury Rd
	EL Maroondah Hwy to Boronia Rd
	EL Maroondah Hwy to Burwood Hwy
	EL Maroondah Hwy to High St Rd
	EL Maroondah Hwy to Ferntree Gully Rd
	EL Maroondah Hwy to Wellington Rd
	EL Maroondah Hwy to Police Rd
	EL Maroondah Hwy to Princes Hwy
	EL Maroondah Hwy to Cheltenham Rd
	EL Maroondah Hwy to Greens Rd
	EL Maroondah Hwy to Thompson Rd
	EL Maroondah Hwy to Frankston Fwy
	EL Canterbury Rd to Boronia Rd
	EL Canterbury Rd to Burwood Hwy
	EL Canterbury Rd to High St Rd
	EL Canterbury Rd to Ferntree Gully Rd
	EL Canterbury Rd to Wellington Rd
	EL Canterbury Rd to Police Rd
	EL Canterbury Rd to Princes Hwy
EL Canterbury Rd to Cheltenham Rd	
EL Canterbury Rd to Greens Rd	
EL Canterbury Rd to Thompson Rd	
EL Canterbury Rd to Frankston Fwy	

Motorway (ID)	Plaza / Trip Description
	EL Boronia Rd to Burwood Hwy
	EL Boronia Rd to High St Rd
	EL Boronia Rd to Ferntree Gully Rd
	EL Boronia Rd to Wellington Rd
	EL Boronia Rd to Police Rd
	EL Boronia Rd to Princes Hwy
	EL Boronia Rd to Cheltenham Rd
	EL Boronia Rd to Greens Rd
	EL Boronia Rd to Thompson Rd
	EL Boronia Rd to Frankston Fwy
	EL Burwood Hwy to High St Rd
	EL Burwood Hwy to Ferntree Gully Rd
	EL Burwood Hwy to Wellington Rd
	EL Burwood Hwy to Police Rd
	EL Burwood Hwy to Princes Hwy
	EL Burwood Hwy to Cheltenham Rd
	EL Burwood Hwy to Greens Rd
	EL Burwood Hwy to Thompson Rd
	EL Burwood Hwy to Frankston Fwy
	EL High Street Rd to Ferntree Gully Rd
	EL High Street Rd to Wellington Rd
	EL High Street Rd to Police Rd
	EL High Street Rd to Princes Hwy
	EL High Street Rd to Cheltenham Rd
	EL High Street Rd to Greens Rd
	EL High Street Rd to Thompson Rd
	EL High Street Rd to Frankston Fwy
	EL Ferntree Gully Rd to Wellington Rd
	EL Ferntree Gully Rd to Police Rd
	EL Ferntree Gully Rd to Princes Hwy
	EL Ferntree Gully Rd to Cheltenham Rd
	EL Ferntree Gully Rd to Greens Rd
	EL Ferntree Gully Rd to Thompson Rd
	EL Ferntree Gully Rd to Frankston Fwy
	EL Wellington Rd to Police Rd
	EL Wellington Rd to Princes Hwy
	EL Wellington Rd to Cheltenham Rd
	EL Wellington Rd to Greens Rd
	EL Wellington Rd to Thompson Rd
	EL Wellington Rd to Frankston Fwy
	EL Monash Fwy to Princes Hwy
	EL Monash Fwy to Cheltenham Rd
	EL Monash Fwy to Greens Rd
	EL Monash Fwy to Thompson Rd

Motorway (ID)	Plaza / Trip Description
	EL Monash Fwy to Frankston Fwy
	EL Princes Hwy to Cheltenham Rd
	EL Princes Hwy to Greens Rd
	EL Princes Hwy to Thompson Rd
	EL Princes Hwy to Frankston Fwy
	EL Dandenong Bypass to Greens Rd
	EL Dandenong Bypass to Thompson Rd
	EL Dandenong Bypass to Frankston Fwy
	EL Greens Rd to Thompson Rd
	EL Greens Rd to Frankston Fwy
	EL Thompson Rd to Frankston Fwy
	EL Maroondah Hwy to Melba Tunnel
	EL Canterbury Rd to Melba Tunnel
	EL Boronia Rd to Melba Tunnel
	EL Burwood Hwy to Melba Tunnel
	EL High St Rd to Melba Tunnel
	EL Ferntree Gully Rd to Melba Tunnel
	EL Wellington Rd to Melba Tunnel
	EL Police Rd to Melba Tunnel
	EL Princes Hwy to Melba Tunnel
	EL Cheltenham Rd to Melba Tunnel
	EL Greens Rd to Melba Tunnel
	EL Thompson Rd to Melba Tunnel
	EL Frankston Fwy to Melba Tunnel
	EL Canterbury Rd to Maroondah Hwy
	EL Boronia Rd to Maroondah Hwy
	EL Burwood Hwy to Maroondah Hwy
	EL High St Rd to Maroondah Hwy
	EL Ferntree Gully Rd to Maroondah Hwy
	EL Wellington Rd to Maroondah Hwy
	EL Police Rd to Maroondah Hwy
	EL Princes Hwy to Maroondah Hwy
	EL Cheltenham Rd to Maroondah Hwy
	EL Greens Rd to Maroondah Hwy
	EL Thompson Rd to Maroondah Hwy
	EL Frankston Fwy to Maroondah Hwy
	EL Boronia Rd to Canterbury Rd
	EL Burwood Hwy to Canterbury Rd
	EL High St Rd to Canterbury Rd
	EL Ferntree Gully Rd to Canterbury Rd
	EL Wellington Rd to Canterbury Rd
	EL Police Rd to Canterbury Rd
	EL Princes Hwy to Canterbury Rd
	EL Cheltenham Rd to Canterbury Rd

Motorway (ID)	Plaza / Trip Description
	EL Greens Rd to Canterbury Rd
	EL Thompson Rd to Canterbury Rd
	EL Frankston Fwy to Canterbury Rd
	EL Burwood Hwy to Boronia Rd
	EL High St Rd to Boronia Rd
	EL Ferntree Gully Rd to Boronia Rd
	EL Wellington Rd to Boronia Rd
	EL Police Rd to Boronia Rd
	EL Princes Hwy to Boronia Rd
	EL Cheltenham Rd to Boronia Rd
	EL Greens Rd to Boronia Rd
	EL Thompson Rd to Boronia Rd
	EL Frankston Fwy to Boronia Rd
	EL High St Rd to Burwood Hwy
	EL Ferntree Gully Rd to Burwood Hwy
	EL Wellington Rd to Burwood Hwy
	EL Police Rd to Burwood Hwy
	EL Princes Hwy to Burwood Hwy
	EL Cheltenham Rd to Burwood Hwy
	EL Greens Rd to Burwood Hwy
	EL Thompson Rd to Burwood Hwy
	EL Frankston Fwy to Burwood Hwy
	EL Ferntree Gully Rd to High St Rd
	EL Wellington Rd to High St Rd
	EL Police Rd to High St Rd
	EL Princes Hwy to High St Rd
	EL Cheltenham Rd to High St Rd
	EL Greens Rd to High St Rd
	EL Thompson Rd to High St Rd
	EL Frankston Fwy to High St Rd
	EL Wellington Rd to Ferntree Gully Rd
	EL Police Rd to Ferntree Gully Rd
	EL Princes Hwy to Ferntree Gully Rd
	EL Cheltenham Rd to Ferntree Gully Rd
	EL Greens Rd to Ferntree Gully Rd
	EL Thompson Rd to Ferntree Gully Rd
	EL Frankston Fwy to Ferntree Gully Rd
	EL Police Rd to Wellington Rd
	EL Princes Hwy to Wellington Rd
	EL Cheltenham Rd to Wellington Rd
	EL Greens Rd to Wellington Rd
	EL Thompson Rd to Wellington Rd
	EL Frankston Fwy to Wellington Rd
	EL Princes Hwy to Monash Fwy

Motorway (ID)	Plaza / Trip Description
	EL Cheltenham Rd to Monash Fwy
	EL Greens Rd to Monash Fwy
	EL Thompson Rd to Monash Fwy
	EL Frankston Fwy to Monash Fwy
	EL Cheltenham Rd to Princes Hwy
	EL Greens Rd to Princes Hwy
	EL Thompson Rd to Princes Hwy
	EL Frankston Fwy to Princes Hwy
	EL Greens Rd to Dandenong Bypass
	EL Thompson Rd to Dandenong Bypass
	EL Frankston Fwy to Dandenong Bypass
	EL Thompson Rd to Greens Rd
	EL Frankston Fwy to Greens Rd
	EL Frankston Fwy to Thompson Rd
Sydney Harbour Bridge & Tunnel (100)	Sydney Harbour Tunnel South
	Sydney Harbour Bridge Milsons Point South
	Sydney Harbour Bridge Rocks South
	SH Bridge Cahill Expwy South
	SH Tunnel South
	SH Bridge Bradfield Hwy South
	SH Bridge Mount St East ramp South
	SH Bridge Mount St West ramp South
	SH Bridge Mount St West ramp South
SH Bridge High St South	
NSW M1 Airport Motorway (101)	M1 Woolloomooloo North
	M1 Woolloomooloo South
	M1 Woolloomooloo
	M1 William Street
NSW M5 South-West Motorway (105)	M5 Hammondville 1 West
	M5 Hammondville 2 West
	M5 Hammondville 3 West
	M5 Hammondville 4 West
	M5 Hammondville 5 West
	M5 Hammondville 6 West
	M5 Hammondville 7 East
	M5 Hammondville 8 East
	M5 Hammondville 9 East
	M5 Hammondville 10 East
	M5 Hammondville 11 East
	M5 Hammondville 12 East
	M5 Henry Lawson Dr 20 East
	M5 Henry Lawson Dr 21 East



Motorway (ID)	Plaza / Trip Description
	M5 Henry Lawson Dr 22 East
	M5 Henry Lawson Dr 23 West
	M5 Henry Lawson Dr 24 West
	M5 Henry Lawson Dr 25 West
	M5 River Rd 30 East
	M5 River Rd 31 East
	M5 River Rd 32 East
	M5 River Rd 33 West
	M5 River Rd 34 West
	M5 River Rd 35 West
	M5 Fairford Rd 40 East
	M5 Fairford Rd 41 East
	M5 Fairford Rd 42 East
	M5 Fairford Rd 43 West
	M5 Fairford Rd 44 West
	M5 Fairford Rd 45 West
NSW Roam Westlink M7 (107)	M7 M5 Interchange North
	M7 M5 Interchange South
	M7 Bernera Rd NorthWest
	M7 Bernera Rd NorthWest
	M7 Bernera Rd SouthEast
	M7 Bernera Rd SouthEast
	M7 Cowpasture Rd NorthWest
	M7 Cowpasture Rd NorthWest
	M7 Cowpasture Rd SouthEast
	M7 Cowpasture Rd SouthEast
	M7 Elizabeth Dr North
	M7 Elizabeth Dr North
	M7 Elizabeth Dr South
	M7 Elizabeth Dr South
	M7 Horsley Dr North
	M7 Horsley Dr North
	M7 Horsley Dr South
	M7 Horsley Dr South
	M7 Old Wallgrove Rd North
	M7 Old Wallgrove Rd North
	M7 Old Wallgrove Rd South
	M7 Old Wallgrove Rd South
	M7 M4 Interchange North
	M7 M4 Interchange North
	M7 M4 Interchange South
	M7 M4 Interchange South
	M7 Great Western Hwy North
	M7 Great Western Hwy South

Motorway (ID)	Plaza / Trip Description
	M7 Woodstock Ave North
	M7 Power St Entry
	M7 Power St South
	M7 Woodstock Ave Entry
	M7 Richmond Rd North
	M7 Richmond Rd North
	M7 Richmond Rd South
	M7 Richmond Rd South
	M7 Quakers Hill Pwy East
	M7 Quakers Hill Pwy West
	M7 Sunnyholt Rd East
	M7 Sunnyholt Rd East
	M7 Sunnyholt Rd West
	M7 Sunnyholt Rd West
	M7 Norwest Blvd East
	M7 Norwest Blvd West
	M7 Old Windsor Rd SouthEast
	M7 Old Windsor Rd NorthWest
	M7 M2 Interchange SouthEast
M7 M2 Interchange NorthWest	
NSW CrossCity Motorway (108)	M8 Mainline East
	M8 Mainline West
	M8 Sir John Young Crescent
NSW Lane Cove Tunnel (109)	Lane Cove Tunnel East
	Lane Cove Tunnel West
	Lane Cove Tunnel Falcon St South
	Lane Cove Tunnel Falcon St North
	Lane Cove Tunnel East Military Rd South
	Lane Cove Tunnel West Military Rd North
NSW M2 Hills Motorway (112)	M2 North Ryde East
	M2 North Ryde West
	M2 Pennant Hills Rd East
	M2 Pennant Hills Rd West
	M2 Christie Rd East
	M2 Herring Rd West
	M2 Windsor Rd East
	M2 Windsor Rd West
	M2 Lane Cove Rd East
Sydney Airport (190)	SA T1 General Bay International North
	SA T1 Pre-booked Bay Int South
	SA T2 General Bay Domestic West
	SA T2 Pre-booked Bay Domestic West

Motorway (ID)	Plaza / Trip Description
	SA T3 General Bay Domestic North
	SA T3 Pre-booked Bay Domestic East
Queensland Motorways (201)	QML Gateway South Temp South
	QML Murarrie North
	QML Murarrie South
	QML Kuraby North
	QML Kuraby South
	QML Loganlea East
	QML Loganlea West
	QML Loganlea Rd Interchange East
	QML Loganlea Rd Interchange West
	QML Heathwood East
	QML Heathwood West
	QML Stapylton Rd Interchange East
	QML Stapylton Rd Interchange West
	QML Paradise Rd Interchange East
	QML Paradise Rd Interchange West
	QML Heathwood to Kuraby
	QML Heathwood to Murarrie
	QML Heathwood to Loganlea Rd
	QML Heathwood to Loganlea
	QML Stapylton Rd East
	QML Stapylton Rd to Kuraby
	QML Stapylton Rd to Murarrie
	QML Stapylton Rd to Loganlea Rd
	QML Stapylton Rd to Loganlea
	QML Paradise Rd East
	QML Paradise Rd to Kuraby
	QML Paradise Rd to Murarrie
	QML Paradise Rd to Loganlea Rd
	QML Paradise Rd to Loganlea
	QML Loganlea to Kuraby
	QML Loganlea to Murarrie
	QML Loganlea to Paradise Rd
	QML Loganlea to Stapylton Rd
	QML Loganlea to Heathwood
	QML Loganlea Rd West
	QML Loganlea Rd to Kuraby
	QML Loganlea Rd to Murarrie
	QML Loganlea Rd to Paradise Rd
	QML Loganlea Rd to Stapylton Rd
	QML Loganlea Rd to Heathwood
	QML Kuraby to Murarrie
	QML Murarrie to Kuraby

Motorway (ID)	Plaza / Trip Description
	QML Murarrie to Loganlea Rd
	QML Murarrie to Loganlea
	QML Murarrie to Paradise Rd
	QML Murarrie to Stapylton Rd
	QML Murarrie to Heathwood
	QML Kuraby to Loganlea Rd
	QML Kuraby to Loganlea
	QML Kuraby to Paradise Rd
	QML Kuraby to Stapylton Rd
	QML Kuraby to Heathwood
	QML Loganlea Rd East
	QML Paradise Rd West
	QML Stapylton Rd West
	QML Heathwood to Murarrie
	QML Stapylton Rd to Murarrie
	QML Paradise Rd to Murarrie
	QML Loganlea to Murarrie
	QML Loganlea Rd to Murarrie
	QML Murarrie to Loganlea Rd
	QML Murarrie to Loganlea
	QML Murarrie to Paradise Rd
	QML Murarrie to Stapylton Rd
	QML Murarrie to Heathwood
	QML Go Between Bridge
	QML Go Between Bridge North
	QML Go Between Bridge South
	QML Clem 7
	QML Clem 7 North
	QML Clem 7 South
	QML Legacy Way
	QML Bowen Hills
	QML Bowen Hills North
	QML Bowen Hills South
	QML Toombul to Bowen Hills
	QML Bowen Hills to Toombul
	QML Toombul
	QML Toombul West
	QML Toombul East
Brisbane Airport (210)	Brisbane Airport
QLD Brisbane Airport Link (222)	BAL Bowen Hills Entry North
	BAL Bowen Hills Entry South
	BAL Kedron Entry SouthEast

Motorway (ID)	Plaza / Trip Description
	BAL Kedron Exit NorthWest
	BAL Toombul Entry West
	BAL Toombul Exit East