

## ADSL2+/ADSL B2B Technical documentation

This document describes all the web services available for B2B interfacing with our system. The service in section 5 has been upgraded to include ADSL provisioning events as well as ADSL2+.

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## 1) URL and Namespace of B2B Webservice

Live URL:

<http://myaccount.efitel.com/public/wholesaleadslservice.asmx?WSDL>

Test URL:

<http://wholesale-test.dft.com.au/public/wholesaleADSLService.asmx?WSDL>

NameSpace:

<http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService>

## 2) Authentication header packet format

Each SOAP packet sent to the services in this document will start with this XML, which starts the packet and sets up the authentication header. Combine this with the body of the packet in the subsequent sections to form an entire SOAP request.

```
<?xml version="1.0" encoding="ISO-8859-1"?><SOAP-ENV:Envelope
xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:SOAP-
ENC="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:tns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleA
DSLService"><SOAP-ENV:Header>
<WholesalerAuthentication
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLS
ervice">
<User>USERNAME</User>
<Password>PASSWORD</Password>
<ServiceProvider>DFTW</ServiceProvider>
</WholesalerAuthentication>
</SOAP-ENV:Header>
```

Replace " USERNAME " with the wholesale login id.

Replace " PASSWORD " with the password for the wholesale login id.

## 3) Services used for placing ADSL2+ orders

### 3.1) *NewOptusConnection*

This web service orders a new connection or a churn/port of an existing service.

### 3.1.1) Body Packet Format

```
<soap:Body>
  <NewOptusConnection
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
  <phoneNumber>0399999999</phoneNumber>
  <serviceId>6006</serviceId>
  <requestedDate>2007-12-31</requestedDate>
  <fullAuthUsername></fullAuthUsername>
  <password></password>
  <requestReference>TEST1</requestReference>
  <firstName>Bob</firstName>
  <surname>Foozle</surname>
  <organisation>Foozle Inc</organisation>
  <title>Mr</title>
  <homePhone></homePhone>
  <workPhone></workPhone>
  <mobilePhone></mobilePhone>
  <emailAddress></emailAddress>
  <serviceAddress>
    <StreetSubType>Unit</StreetSubType>
    <StreetSubNumber>1</StreetSubNumber>
    <StreetNumber>34</StreetNumber>
    <StreetName>Bob</StreetName>
    <StreetType>Street</StreetType>
    <StreetSuffix></StreetSuffix>
    <StreetSuburb>Bobville</StreetSuburb>
    <StreetState>VIC</StreetState>
    <StreetPostcode>3000</StreetPostcode>
    <StreetSubTypeAbbrev></StreetSubTypeAbbrev>
    <StreetTypeAbbrev></StreetTypeAbbrev>
    <StreetAddress1></StreetAddress1>
    <StreetAddress2></StreetAddress2>
  </serviceAddress>
  <waiveCsg>1</waiveCsg>
  <preselectCarrier>OptusChoice</preselectCarrier>
  <callDivertNoAnswerNumRings>5</callDivertNoAnswerNumRings>
  <callDivertNoAnswer>Normal</callDivertNoAnswer>
  <callDivertBusyNumRings>Normal</callDivertBusyNumRings>
  <voicemail>0</voicemail>
  <callBarring>0</callBarring>
  <barNationalCalls>0</barNationalCalls>
  <barInternationalCalls>0</barInternationalCalls>
  <barInfoCalls>0</barInfoCalls>
  <barMobileCalls>0</barMobileCalls>
  <unlistedNumber>0</unlistedNumber>
  <callDivert>0</callDivert>
  <callWaiting>0</callWaiting>
  <callerId>0</callerId>
  <selectiveCall>0</selectiveCall>
  <sendCallerId>0</sendCallerId>
  <blockCallerId>0</blockCallerId>
  <callReturn>0</callReturn>
  <threeWayCall>0</threeWayCall>
  <divertFnn></divertFnn>
```

```
<signedDate>2007-11-22</signedDate>
<losingCarrier>Telstra</losingCarrier>
<currentBiller>Telstra</currentBiller>
<currentBillerAccount>1234567890</currentBillerAccount>
<currentProvider>TEL</currentProvider>
<currentProviderAccount>1234567890</currentProviderAccount>
<isChurnIn>1</isChurnIn>
</NewOptusConnection>
</soap:Body>
</soap:Envelope>
```

### 3.1.2) Required fields

```
<phoneNumber>0399999999</phoneNumber>
```

The service number of the customer. If the customer does not currently have a service, use "Pending Install" instead.

```
<serviceId>6006</serviceId>
```

The ID of the service. 6006 corresponds to the DFT ADSL2 Clear product.

```
<serviceAddress>
  <StreetSubType>Unit</StreetSubType>
  <StreetSubNumber>1</StreetSubNumber>
  <StreetNumber>34</StreetNumber>
  <StreetName>Bob</StreetName>
  <StreetType>Street</StreetType>
  <StreetSuffix></StreetSuffix>
  <StreetSuburb>Bobville</StreetSuburb>
  <StreetState>VIC</StreetState>
  <StreetPostcode>3000</StreetPostcode>
  <StreetSubTypeAbbrev></StreetSubTypeAbbrev>
  <StreetTypeAbbrev></StreetTypeAbbrev>
  <StreetAddress1></StreetAddress1>
  <StreetAddress2></StreetAddress2>
</serviceAddress>
```

These fields comprise the address of the service. The ones left blank in the example above are generally not required. ServiceAddress1 and ServiceAddress2 should be left blank as they are not used.

```
<waiveCsg>1</waiveCsg>
```

This sets whether the customer waives the "Customer Service Guarantee". Waiving the guarantee is significantly cheaper.

```
<preselectCarrier>OptusChoice</preselectCarrier>
```

Provider for long distance preselect. "OptusChoice" should be used in all cases.

```
<callDivertNoAnswerNumRings>5</callDivertNoAnswerNumRings>
<callDivertNoAnswer>Normal</callDivertNoAnswer>
<callDivertBusyNumRings>Normal</callDivertBusyNumRings>
```

The above three fields specify call diversion settings. Generally they can be left with these values.

```
<voicemail>0</voicemail>
<callBarring>0</callBarring>
<barNationalCalls>0</barNationalCalls>
<barInternationalCalls>0</barInternationalCalls>
<barInfoCalls>0</barInfoCalls>
<barMobileCalls>0</barMobileCalls>
<unlistedNumber>0</unlistedNumber>
<callDivert>0</callDivert>
<callWaiting>0</callWaiting>
<callerId>0</callerId>
<selectiveCall>0</selectiveCall>
<sendCallerId>0</sendCallerId>
<blockCallerId>0</blockCallerId>
<callReturn>0</callReturn>
<threeWayCall>0</threeWayCall>
```

The above settings specify which service add-ons will be present at commencement of the service. 0=off, 1=on.

```
<signedDate>2007-11-22</signedDate>
```

This is the date the customer signed an agreement with you to receive the service. Date format is yyyy-mm-dd.

```
<losingCarrier>Telstra</losingCarrier>
<currentBiller>Telstra</currentBiller>
```

These two fields are the name of the provider that owns the phone line. Most of the time this will be "Telstra".

```
<currentProvider>TEL</currentProvider>
```

This is a 3 letter abbreviation for the provider that owns the phone line.

For a list of 3 letter codes, see the file "epid codes.csv". Greg Ashmore is available for updated lists.

```
<currentBillerAccount>1234567890</currentBillerAccount>
<currentProviderAccount>1234567890</currentProviderAccount>
```

These two fields are the account number from the bill the owner of the phone line sends to the customer. If the customer is directly with Telstra, then it's the account number



from their phone bill. If the customer is connected to Telstra via a reseller, then it's the account number from the bill Telstra sends to the reseller.

```
<isChurnIn>1</isChurnIn>
```

If this is a new service, set this field to 0 (new cable will be rolled out by Optus). If this is an existing service, set this to 1.

### 3.1.3) Non required fields

```
<requestedDate>2007-12-31</requestedDate>
```

This field is not currently used for anything. Date format is yyyy-mm-dd and can be set to any date.

```
<fullAuthUsername></fullAuthUsername>  
<password></password>
```

Email address and password. Set to blank for clear services.

```
<requestReference>TEST1</requestReference>
```

Your reference number. Can safely be left as blank, or can be set to any combination of characters.

```
<firstName>Bob</firstName>  
<surname>Foozle</surname>  
<organisation>Foozle Inc</organisation>  
<title>Mr</title>  
<homePhone></homePhone>  
<workPhone></workPhone>  
<mobilePhone></mobilePhone>  
<emailAddress></emailAddress>
```

Customer contact details. Can be left blank, or set to the details of your customer.

```
<divertFnn></divertFnn>
```

If the phone number is to be diverted, set the phone number to divert to here. Otherwise set to blank.

### 3.1.4) Response packet format

```
<?xml version="1.0" encoding="utf-8"?>
```

```

<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <NewOptusConnectionResponse
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
      <NewOptusConnectionResult>CONTRACTID</NewOptusConnectionResult>
    </NewOptusConnectionResponse>
  </soap:Body>
</soap:Envelope>

```

This is the format of the response packet when an order is successfully placed.

```
<NewOptusConnectionResult>CONTRACTID</NewOptusConnectionResult>
```

The content of the above tag will be the ID of the new contract created when the order was placed. This is used for most contract specific queries using the other web services.

## 4) Services used for modifying an existing ADSL2+ connection

### 4.1) ChangeOptusDSL2Service

This web service allows a contract to change from the current service to a new service.

#### 4.1.1) Body packet format

```

<soap:Body>
  <ChangeOptusDSL2Service
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
    <clientId>0</clientId>
    <contractId>123456</contractId>
    <serviceId>6005</serviceId>
  </ChangeOptusDSL2Service>
</soap:Body>
</soap:Envelope>

```

#### 4.1.2) Required fields

```
<clientId>0</clientId>
```

This field is not used and can be set to any positive number.

```
<contractId>123456</contractId>
```

This field is the ID of the contract that is changing service.

```
<serviceId>6005</serviceId>
```

This is the ID of the service the contract is changing to.

### 4.1.3) Response packet format

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ChangeOptusDSL2ServiceResponse
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
      <ChangeOptusDSL2ServiceResult>Success</ChangeOptusDSL2ServiceResult>
    </ChangeOptusDSL2ServiceResponse>
  </soap:Body>
</soap:Envelope>
```

The ChangeOptusDSL2ServiceResult field will return "Success" if the plan change works.

## 4.2) NewAddon

This web service allows an addon to be enabled on the specified contract.

### 4.2.1) Body packet format

```
<soap:Body>
  <NewAddon
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
    <contractId>123456</contractId>
    <addonId>53</addonId>
  </NewAddon>
</soap:Body>
</soap:Envelope>
```

## 4.2.2) Required fields

```
<contractId>123456</contractId>
```

The contract to be affected.

```
<addonId>53</addonId>
```

The ID of the addon to enable. See the following list for applicable ID's.

42	Voice Mail
43	Calling Number Display
48	Call Barring
53	Silent number
72	Bar national calls
73	Bar international calls
74	Bar info calls
75	Bar mobile calls
77	Call divert
78	Call waiting
79	Selective call
80	Send caller ID
81	Block caller ID
82	Call return
83	3 way call

## 4.2.3) Response packet format

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <NewAddonResponse
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
      <NewAddonResult>12345</NewAddonResult>
    </NewAddonResponse>
  </soap:Body>
</soap:Envelope>
```

NewAddonResult will return the ID of the contract addon which was just enabled. This ID is used by the RemoveAddon web service.

### **4.3) RemoveAddon**

This web service allows the removal of addons from a specified contract.

#### **4.3.1) Body packet format**

```
<soap:Body>
  <RemoveAddon
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
    <contractId>int</contractId>
    <contractAddonId>12345</contractAddonId>
  </RemoveAddon>
</soap:Body>
</soap:Envelope>
```

#### **4.3.2) Required fields**

```
<contractAddonId>12345</contractAddonId>
```

The ID of the contract addon to be turned off. This can be retrieved using the GetAddons web service, and is also returned by the NewAddon web service.

#### **4.3.3) Response packet format**

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <RemoveAddonResponse
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
      <RemoveAddonResult>Success</RemoveAddonResult>
    </RemoveAddonResponse>
  </soap:Body>
</soap:Envelope>
```

RemoveAddonResult will return "Success" on a successful removal, or a string starting with "Failure. Exception message : " if the removal fails.

### **4.4) ModifyOptusConnection**

This web service allows changes to the specified contracts configuration in bulk.

#### 4.4.1) Body packet format

```
<soap:Body>
  <ModifyOptusConnection
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
  <contractId>123456</contractId>
  <preselectCarrier>OptusChoice</preselectCarrier>
  <callDivertNoAnswerNumRings>5</callDivertNoAnswerNumRings>
  <callDivertNoAnswer>Normal</callDivertNoAnswer>
  <callDivertBusyNumRings>Normal</callDivertBusyNumRings>
  <voicemail>0</voicemail>
  <callBarring>0</callBarring>
  <barNationalCalls>0</barNationalCalls>
  <barInternationalCalls>0</barInternationalCalls>
  <barInfoCalls>0</barInfoCalls>
  <barMobileCalls>0</barMobileCalls>
  <unlistedNumber>0</unlistedNumber>
  <callDivert>0</callDivert>
  <callWaiting>0</callWaiting>
  <callerId>0</callerId>
  <selectiveCall>0</selectiveCall>
  <sendCallerId>0</sendCallerId>
  <blockCallerId>0</blockCallerId>
  <callReturn>0</callReturn>
  <threeWayCall>0</threeWayCall>
  <divertFnn></divertFnn>
  </ModifyOptusConnection>
</soap:Body>
</soap:Envelope>
```

#### 4.4.2) Required fields

```
<contractId>123456</contractId>
```

The ID of the contract to be modified.

```
<preselectCarrier>string</preselectCarrier>
```

Provider for long distance preselect. "OptusChoice" should be used in all cases. Resetting this is useful if the customer has mistakenly churned away their long distance and you wish to churn it back.

```
<callDivertNoAnswerNumRings>5</callDivertNoAnswerNumRings>
<callDivertNoAnswer>Normal</callDivertNoAnswer>
<callDivertBusyNumRings>Normal</callDivertBusyNumRings>
```

Used to modify the call diversion settings on the line.

```
<voicemail>0</voicemail>
<callBarring>0</callBarring>
```

```
<barNationalCalls>0</barNationalCalls>
<barInternationalCalls>0</barInternationalCalls>
<barInfoCalls>0</barInfoCalls>
<barMobileCalls>0</barMobileCalls>
<unlistedNumber>0</unlistedNumber>
<callDivert>0</callDivert>
<callWaiting>0</callWaiting>
<callerId>0</callerId>
<selectiveCall>0</selectiveCall>
<sendCallerId>0</sendCallerId>
<blockCallerId>0</blockCallerId>
<callReturn>0</callReturn>
<threeWayCall>0</threeWayCall>
```

These fields are used to make bulk changes to the addons present on the contract. 0=off, 1=on.

```
<divertFnn></divertFnn>
```

This is the phone number to divert calls to. This can be left blank.

### 4.4.3) Response packet format

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ModifyOptusConnectionResponse
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
      <ModifyOptusConnectionResult>Success</ModifyOptusConnectionResult>
    </ModifyOptusConnectionResponse>
  </soap:Body>
</soap:Envelope>
```

ModifyOptusConnectionResult will return "Success" if the modification is successfully entered into the system.

## 5) Services used for querying the status of a connection

### 5.1) *ProvEventFormatted*

### 5.1.1) Body Packet Format

```
<soap:Body>
  <ProvEventFormatted
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
  <startDate>2007-11-20</startDate>
  <endDate>2007-11-22</endDate>
  </ProvEventFormatted>
</soap:Body>
</soap:Envelope>
```

### 5.1.2) Required fields

```
<startDate>2007-11-20</startDate>
<endDate>2007-11-22</endDate>
```

These fields are the start date and end date of the query. They are in yyyy-mm-dd format.

There are now another two services called ProvEventFormattedTask and ProvEventFormattedContract, which take in a task ID:

```
<TaskId>123456</TaskId>
```

or a Contract ID:

```
<ContractId>123456</ContractId>
```

respectively. They return all provisioning historically for a particular contract, or all provisioning events associated with a provisioning task. Their response data is the same as ProvEventFormatted.

### 5.1.3) Response packet format

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ProvEventFormattedResponse
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
      <ProvEventFormattedResult>
        <ProvEventFormatted>
          <ContractId>123456</ContractId>
          <ServiceTelephone></ServiceTelephone>
          <ConnectionType>ULL</ConnectionType>
```



```
<ActionId>11111</ActionId>
<ActionTypeId>25</ActionTypeId>
<ActionType>Optus churn</ActionType>
<EventTypeId>55</EventTypeId>
<EventType>Signed form event</EventType>
<EventDateTime>2007-11-22T09:02:00</EventDateTime>
<DataType>Signed agreement date</DataType>
<DataNumber></DataNumber>
<DataString></DataString>
<DataDate>2007-11-11T00:00:00</DataDate>
<EventText> (Signed agreement date : 11-NOV-07)</EventText>
</ProvEventFormatted>
</ProvEventFormattedResult>
</ProvEventFormattedResponse>
</soap:Body>
</soap:Envelope>
```

You will get one `<ProvEventFormatted>` object for every event that occurred between the start and end dates (inclusive).

The fields translate as follows:

```
<ContractId>123456</ContractId>
```

The ID of the contract the event relates to.

```
<ServiceTelephone></ServiceTelephone>
```

This will always be blank as it's not currently populated.

```
<ConnectionType>ULL</ConnectionType>
```

This will be set to ULL if the event relates to an ADSL2 circuit.

```
<ActionId>11111</ActionId>
```

This is the ID of the provisioning action. It's unlikely you'll need to record this.

```
<ActionTypeId>25</ActionTypeId>
```

The ID of the action type. Possible types are:

For ULL:

24	Optus new ULL order
25	Optus churn
26	Optus disconnect ULL
27	Optus modify ULL
31	Optus churn away

For ADSL:

- 1 New application to be provisioned by supplier
- 2 Amendment to service due to be provisioned
- 3 Modification to existing service
- 4 Disconnection of service
- 6 General Note
- 7 Withdrawal of order
- 8 User churning in
- 9 User churning out
- 11 SSS new connect
- 10 Mass migration SSS
- 12 SSS single migration
- 13 SSS churn

For Telephony:

- 15 Request connection/churn of full service preselect
- 18 Full service new install
- 19 Customer requested disconnections for full service preselect
- 20 Full service preselect has churned to another provider
- 21 Process for manually suspending full service connections
- 22 Process for manually unsuspending full service connections
- 23 Process for full service change of ownership
- 32 Reverse churn of a full service connection
- 43 Process for restricting full service connections
- 44 Process for unrestricting full service connections
- 100 Churn full service connection to a different provider within Eftel

For Mobile Broadband:

- 300 Connect customer to Mobile Service
- 301 Port in existing Mobile Service
- 302 Activate Mobile Service
- 303 Suspend Mobile Service

`<ActionType>Optus churn</ActionType>`

This is the text equivalent of the action ID

`<EventTypeId>55</EventTypeId>`

This is the ID of the event type. Possible values for ULL are:

- 39 Note
- 40 Awaiting contract
- 41 Voice contract recorded
- 42 Submit event

43	Approved event
44	Send to supplier
45	Sent event
46	Acknowledgement advice
49	Completion advice
50	Held advice
51	Release advice
52	Rejection advice
53	Cancelled event
54	Withdrawal event
55	Signed form event

Possible values for ADSL are:

0	Manual Note
1	Submitted for approval
2	Approved, now queued for sending
3	Sent to telstra
4	Return Receipt received
5	Acknowledgement Advice received
6	Held Advice received
7	Release Advice received
8	Rejection Advice received
9	Completion Advice received
10	Cancelled
11	Terminated
13	Retargeted
14	Cancel request
12	Amend request
15	Pending configuration
16	Configuration sent
17	Configuration complete
19	Held For Relocation

Possible values for Telephony are:

21	Send agreement form
22	Send request to supplier
23	Manual note
24	Submitted for approval
25	Approved, now queued for sending
26	Sent to supplier
27	Voice agreement recorded for contract
28	Rejection advice received
29	Completion advice received
30	Cancelled

31	Sent agreement form, awaiting signature
32	Signed agreement form received
33	In upload file, awaiting delivery
37	New service phone number
82	Too many notes warning
100	Awaiting other provisioning
101	Withdraw order

Possible values for Mobile Broadband are:

200	Manual Note
201	Queued for approval
202	Approved, queue for sending
203	SIM awaiting dispatch
204	SIM dispatched
205	Awaiting MSN allocation
211	MSN allocated
206	Send to supplier
207	Sent to supplier
208	Order withdrawn
209	Order rejected
210	Order completed

<EventType>Signed form event</EventType>

This is the text equivalent of the event type id.

<EventDateTime>2007-11-22T09:02:00</EventDateTime>

The date/time the event was added to our system (yyyy-mm-ddThh24:mi:ss format where mm is months and mi is minutes.)

<DataType>Signed agreement date</DataType>

If the event has data attached to it, this is a description of the data.

<DataNumber></DataNumber>

If the data is numeric, it's presented in this field.

<DataString></DataString>

If the data is text, it's presented in this field.

<DataDate>2007-11-11T00:00:00</DataDate>

If the data is a date/time, it's presented in this field. (yyyy-mm-ddThh24:mi:ss format where mm is months and mi is minutes.)

```
<EventText> (Signed agreement date : 11-NOV-07)</EventText>
```

A composite of event notes and event data.

## 6) Services used for retrieving billing data

### 6.1) *GetTransactions*

This web service returns a list of transactions for the supplied contract in the given date range. There are several charges that are passed straight through from our supplier to you via these transactions, and you will need to monitor them to ensure these charges are passed on to your customers.

#### 6.1.1) Body packet format

```
<soap:Body>
  <GetTransactions
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
    <contractId>123456</contractId>
    <startDate>2007-10-01</startDate>
    <endDate>2007-11-01</endDate>
  </GetTransactions>
</soap:Body>
</soap:Envelope>
```

#### 6.1.2) Required fields

```
<contractId>123456</contractId>
```

The ID of the contract to query.

```
<startDate>2007-10-01</startDate>
<endDate>2007-11-01</endDate>
```

The start date and end date for the period you wish to retrieve the transactions for. Format is yyyy-mm-dd.

### 6.1.3) Response packet format

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <GetTransactionsResponse
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
      <GetTransactionsResult>
        <ClientTransaction>
          <Id>1234567</Id>
          <ClientId>234567</ClientId>
          <ContractId>123456</ContractId>
          <ContractAddonId></ContractAddonId>
          <Amount>27.5</Amount>
          <AmountGst>2.5</AmountGst>
          <Notes>DSL Std Connection Fee</Notes>
          <ClientTransactionTypeId>LINESVC</ClientTransactionTypeId>
          <DateR>2007-11-14T00:00:00</DateR>
        </ClientTransaction>
      </GetTransactionsResult>
    </GetTransactionsResponse>
  </soap:Body>
</soap:Envelope>
```

For each transaction you will receive a ClientTransaction object containing the following fields:

```
<Id>1234567</Id>
```

Unique ID of the transaction.

```
<ClientId>234567</ClientId>
```

ID of your wholesale client record in our system.

```
<ContractId>123456</ContractId>
```

ID of the contract the transaction applies to.

```
<ContractAddonId></ContractAddonId>
```

If the transaction is for a contract addon, the ID of the addon is provided here. Otherwise the field is blank.

```
<Amount>27.5</Amount>
```

The amount of the transaction, inc GST.

```
<AmountGst>2.5</AmountGst>
```

The amount of GST applicable to the transaction.

```
<Notes>DSL Std Connection Fee</Notes>
```

The text of the transaction as it appears on your invoice.

```
<ClientTransactionTypeId>LINESVC</ClientTransactionTypeId>
```

A code representing the type of transaction in our billing system.

```
<DateR>2007-11-14T00:00:00</DateR>
```

The date/time the transaction was entered in our system (yyyy-mm-ddThh24:mi:ss format).

## **6.2) GetAddons**

This web service retrieves a list of addons for the requested contract ID.

### **6.2.1) Body packet format**

```
<soap:Body>
  <GetAddons
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
    <contractId>123456</contractId>
  </GetAddons>
</soap:Body>
</soap:Envelope>
```

### **6.2.2) Required fields**

```
<contractId>123456</contractId>
```

The ID of the contract being queried.

### **6.2.3) Response packet format**

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
```

```

    <GetAddonsResponse
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
    <GetAddonsResult>
    <ContractAddon>
    <Id>12345</Id>
    <ContractId>123456</ContractId>
    <Description>Voice Mail</Description>
    <MonthlyFee>3.3</MonthlyFee>
    <StatusId>CUR</StatusId>
    <AddDateTime>2007-11-12T00:00:00</AddDateTime>
    <AddStaffId>online</AddStaffId>
    <DeletionDateTime></DeletionDateTime>
    <DeletionStaffId></DeletionStaffId>
    <FixedAddonId>42</FixedAddonId>
    <AddonId>42</AddonId>
    </ContractAddon>
    </GetAddonsResult>
    </GetAddonsResponse>
</soap:Body>
</soap:Envelope>

```

For each addon currently present on the contract, you will be returned a ContractAddon object containing the following fields:

```
<Id>12345</Id>
```

ID of the contract addon, for use with the RemoveAddon web service.

```
<ContractId>123456</ContractId>
```

ID of the contract the addon is attached to.

```
<Description>Voice Mail</Description>
```

Text description of the addon.

```
<MonthlyFee>3.3</MonthlyFee>
```

Monthly fee inc GST for the addon.

```
<StatusId>CUR</StatusId>
```

Status of the addon. Possible values are:

CUR	current
PEN	pending (awaiting action by our supplier)
PRM	pending removal (awaiting action by our supplier)

```
<AddDateTime>2007-11-12T00:00:00</AddDateTime>
```



Date/time the addon was created. (yyyy-mm-ddThh24:mi:ss format)

<AddStaffId>online</AddStaffId>

Staff member id that created the addon. This will usually be "online" or "b2b", which means added via the wholesale website or B2B interface.

<DeletionDateTime></DeletionDateTime>

Date/time the addon was removed. (yyyy-mm-ddThh24:mi:ss format) Staff member that removed the addon. This should always be blank as the service does not return deleted addons.

<DeletionStaffId></DeletionStaffId>

Staff member that removed the addon. This should always be blank as the service does not return deleted addons.

<FixedAddonId>42</FixedAddonId>

ID of the type of addon, as used by the NewAddon web service.

<AddonId>42</AddonId>

ID of the type of addon, as used by the NewAddon web service.

## **7) Retrieving ADSL2+ XML usage data**

Usage data is presented in XML via an older web page which takes input parameters in the URL.

### **7.1) XML usage URL**

```
http://wholesale.datafast.net.au/MyAccount/xml/xml_sessions_wholesaler.aspx
?start_date=21-Oct-2007
&end_date=21-Nov-2007
&service_provider=DFTW
&identifier=<USERNAME>
&password=<PASSWORD>
&combined_telephone_number=<SERVICENUMBER>
```

Replace <USERNAME> with your wholesale identifier, <PASSWORD> with your wholesale password and <SERVICENUMBER> with the phone number of the service you wish to query.

combined\_telephone\_number is used for Optus ULL services.

To get a Telstra ADSL service, or a phone service, use one of the following instead:

adsl\_telephone\_number - Telstra/EFTel ADSL

line\_rental\_telephone\_number - AAPT line rental telephony

Additionally, you can have the XML service return any single contract by using the **contract\_id** querystring parameter. Use this for Mobile Broadband connections or in place of supplying the telephone number for the ones listed above.

## 7.2) Output format for call records and ADSL data

```
<usage>
  <fullservice_connection connection_id="123456"
contract_id="123456">
    <start_date>13-Sep-2007</start_date>
    <calls_available_to_date_time>22-Nov-2007
20:54:35</calls_available_to_date_time>
    <service id="6003">
      <description>Trial ADSL2+ Broadband
Telephony</description>
    </service>
    <usage_from_date>13-Sep-2007</usage_from_date>
    <usage_to_date>13-Nov-2007</usage_to_date>
    <period>
      <start_date>13-Sep-2007</start_date>
      <end_date>30-Sep-2007</end_date>
      <call id="1911538">
        <call_date_time>17-Sep-2007
18:07:50</call_date_time>
        <called_number>1300655076</called_number>

      <call_duration_seconds>43</call_duration_seconds>
      <call_charge_cents>25</call_charge_cents>
      <call_type>SERVICE</call_type>
      <description>13/1300</description>
      <rate_id>10008</rate_id>
    </call>
    </period>
    <usage_from_date>01-Sep-2008</usage_from_date>
    <usage_to_date>25-Sep-2008</usage_to_date>
    <period>
      <start_date>01-Sep-2008</start_date>
      <end_date>25-Sep-2008</end_date>
      <session id="0">
        <start_date_time>01-Sep-2008
00:00:00</start_date_time>
        <start_tz>AEST</start_tz>
        <end_date_time />
        <end_tz>N/A</end_tz>
        <volume id="traffic">
```

```

        <volume_up>4999729</volume_up>
        <volume_down>47201739</volume_down>
        <volume_up_excess>0</volume_up_excess>

    <volume_down_excess>0</volume_down_excess>
    </volume>
    <volume id="traffic off peak">
        <volume_up>83878</volume_up>
        <volume_down>244887469</volume_down>
        <volume_up_excess>0</volume_up_excess>

    <volume_down_excess>0</volume_down_excess>
    </volume>
    <volume id="freezone">
        <volume_up>1875</volume_up>
        <volume_down>0</volume_down>
        <volume_up_excess>0</volume_up_excess>

    <volume_down_excess>0</volume_down_excess>
    </volume>
    </session>
</period>
</fullservice_connection>
</usage>

```

### 7.2.1) Call usage explanation

For each call you will get a call object containing the following fields:

```
<call id="1911538">
```

The system ID for the phone call. This number is unique.

```
<call_date_time>17-Sep-2007 18:07:50</call_date_time>
```

Date and time of the call in <dd-Mon-yyyy hh24:mi:ss> format.

```
<called_number>1300655076</called_number>
```

Phone number the call was placed to.

```
<call_duration_seconds>43</call_duration_seconds>
```

Duration of the call in seconds.

```
<call_charge_cents>25</call_charge_cents>
```

Cost of call in cents inc GST.

```
<call_type>SERVICE</call_type>
```

Type of call. This can be one of the following values:

NATIONAL	National calls
INTERNATIONAL	International calls
LOCAL	Local calls
MOBILE	Calls to mobiles
UNKNOWN	Miscellaneous
VOIP	VOIP calls
OVRNATIONAL	Override national calls
OVRINTERNATIONAL	Override international calls
OVRMOBILE	Override calls to mobiles
SERVICE	Service calls

Generally you should only see calls of the following types:

NATIONAL	National calls
INTERNATIONAL	International calls
LOCAL	Local calls
MOBILE	Calls to mobiles
SERVICE	Service calls

```
<description>13/1300</description>
```

Description of the call. How useful this is depends on the information provided by our supplier.

```
<rate_id>10008</rate_id>
```

The DFT rate code used to classify and charge the call.

## 7.2.2) Data usage explanation

For each day in the requested period you will get a session object containing all the data for the day.

Generally you'll see a start time zone and a start time only. The end time zone and end time are usually left blank. The start date will be set to midnight on the day in question.

The volume object will group data into different categories. These are generally:

traffic - Peak/Normal data

traffic off peak - Off peak data

freezone - Free traffic that DFT do not bill for.

In each volume object you get the traffic up, traffic down, traffic up excess and traffic down excess. Excess is defined as any data which exceeds the free data allocation on the plan.

## 8) PHP example for ordering a new ADSL2+ service

For this example, refer to the following two PHP files:

Eftel\_wholesale\_config.php  
Provision\_dsl2\_services.php

The config file contains your username, password and the URL for the live and test site. I've tampered with the live URL to ensure no accidents during testing. Remove ".deliberatelybroken" from the url once you're ready to commence live B2B ordering.

You will also need the "nusoap" php library for this code to work. You can get this here: <http://dietrich.ganx4.com/nusoap/>

Place these 2 files and the nusoap package on your webserver, and then modify lines 18, 166 and 167 in the provision\_dsl2\_services.php file to reflect the locations of the config file and nusoap library.

Then you can use the script with this URL:

[http://<insert your path here>/provision\\_dsl2\\_services.php?testing=1&phoneNumber=0399334433&test\\_type=NewOptusConnection](http://<insert your path here>/provision_dsl2_services.php?testing=1&phoneNumber=0399334433&test_type=NewOptusConnection)

## 9) Ordering a new ADSL service

### 9.1) Ordering a new connection (NewConnection)

This web service orders a new ADSL connection, where the customer does not currently have ADSL.

#### 9.1.1) Body packet format

```
<SOAP-ENV:Body>
  <NewConnection
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
    <phoneNumber>0397859492</phoneNumber>
```

```

    <postCode>3911</postCode>
    <requestReference>0397859492</requestReference>
    <requestedDate>2007-04-26</requestedDate>
    <churnIspId>72</churnIspId>
    <firstName>barry</firstName>
    <surname>stevens</surname>
    <organisation>berry stevens and co</organisation>
    <title>Mr.</title>
    <homePhone>04xxxxxx</homePhone>
    <emailAddress>barry@aanet.com.au</emailAddress>
    <serviceId>2501</serviceId>
    <serviceAddress>
      <StreetSubType>unit</StreetSubType>
      <StreetSubNumber>5</StreetSubNumber>
      <StreetNumber>7</StreetNumber>
      <StreetName>barry </StreetName>
      <StreetType>Court</StreetType>
      <StreetSuffix>Langwarrin</StreetSuffix>
      <StreetSuburb>Langwarrin</StreetSuburb>
      <StreetState>VIC</StreetState>
      <StreetPostcode>3000</StreetPostcode>
    </serviceAddress>
  </NewConnection>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

### 9.1.2) Response packet format

```

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <NewConnectionResponse
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
      <NewConnectionResult>4171004</NewConnectionResult>
    </NewConnectionResponse>
  </soap:Body>
</soap:Envelope>

```

NewConnectionResult will contain the DFT order number if the order is successfully placed.

### 9.2) Ordering a churn from another provider (ChurnConnection)

This web service orders ADSL for a customer that already has ADSL with another provider.

## 9.2.1) Body packet format

```
<SOAP-ENV:Body>
  <ChurnConnection
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
    <phoneNumber>03xxxxxxx</phoneNumber>
    <postCode>3000</postCode>
    <requestReference>03xxxxxxx</requestReference>
    <requestedDate>2007-04-26</requestedDate>
    <churnIspId>72</churnIspId>
    <firstName>barry</firstName>
    <surname>stevens</surname>
    <organisation></organisation>
    <title></title>
    <homePhone></homePhone>
    <emailAddress></emailAddress>
    <serviceId>2501</serviceId>
    <serviceAddress>
      <StreetSubType></StreetSubType>
      <StreetSubNumber></StreetSubNumber>
      <StreetNumber>31</StreetNumber>
      <StreetName>Barry Street</StreetName>
      <StreetType>Crescent</StreetType>
      <StreetSuffix></StreetSuffix>
      <StreetSuburb>Clarinda</StreetSuburb>
      <StreetState>VIC</StreetState>
      <StreetPostcode>3000</StreetPostcode>
    </serviceAddress>
  </ChurnConnection>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

## 9.2.2) Response packet format

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <ChurnConnectionResponse
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
      <ChurnConnectionResult>The churn date must be at
least three days from today.</ChurnConnectionResult>
    </ChurnConnectionResponse>
  </soap:Body>
</soap:Envelope>
```

ChurnConnectionResult will contain the DFT order number if the order is successfully placed, or an error message if the order entry fails.

## 10) Querying an ADSL order

There are 7 different web services which provide updates on ADSL orders. These are as follows:

TelstraAckAdvice	Advisement of an appointment Date for churn/installation
TelstraCompletionAdvice	Acknowledgement of completion
TelstraGainLossAdvice	The Gain/Loss Report (when services are activated or churn away/disconnect)
TelstraHeldOrderAdvice	Orders that are held til a date
TelstraHeldReleaseAdvice	Orders that have been released from the Held status
TelstraRejectionAdvice	Orders that have been rejected
TelstraReturnRcptAdvice	Acknowledgement or receipt of the application (ie, that DFTW has passed on the request to Telstra)

### 10.1) Body packet format

```
<SOAP-ENV:Body>
  <REQUESTNAME
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
    <startDate>2007-04-19</startDate>
    <endDate>2007-04-20</endDate>
  </REQUESTNAME>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Where REQUESTNAME is the name of the service being called.

### 10.2) Response packet formats

**\*\*Example return Data for each report. \*\***

- Because we pass the advice on, they are in the telstra format with the "T" in the middle. I just wrote a subroutine to remove anything from the T onwards (as the time doesn't serve a function anyway)

- I've marked the "important advice" with a "!!" at the end of the element to tell you which of the dates are important to each report.

- Remember that these reports are just a list from date1 to date2. So the important thing is the dates they contain within. A potential gotcha is not keeping track of when something was updated.

Ie, if you check this 5 times a day, the numbers in the first report will continue to show up. So you need to keep track of the fact that you've performed the task specified.



## 10.2.1) TelstraAckAdvice

This is the acknowledgement advice that our supplier has confirmed the order will go through. The appointment date is the date the service will be activated.

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"><
soap:Body>
<TelstraAckAdviceResponse
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
  <TelstraAckAdviceResult>

    <TelstraAckAdvice><SequenceNumber>'17616560</SequenceNumber>
      <Fnn>'0390000000</Fnn>
      <OrderNumber>'17616560</OrderNumber>
      <ServiceProvider>aaNet</ServiceProvider>
      <EndUser>aaNet</EndUser>
      <PurchaseOrder>030000000</PurchaseOrder>
      <ReceivedDate>2007-07-13T00:00:00</ReceivedDate>
      <ApplicationDate>2007-07-13T00:00:00</ApplicationDate>
      <AppointmentDate>2007-07-23T00:00:00</AppointmentDate>!!
      <AppointmentTime>2007-07-19T00:01:00</AppointmentTime>
    </TelstraAckAdvice>
  </TelstraAckAdviceResult>

  <TelstraAckAdvice><SequenceNumber>'17616561</SequenceNumber>
    <Fnn>'0390000001</Fnn>
    <OrderNumber>'17616561</OrderNumber>
    <ServiceProvider>aaNet</ServiceProvider>
    <EndUser>aaNet</EndUser>
    <PurchaseOrder>030000001</PurchaseOrder>
    <ReceivedDate>2007-07-13T00:00:00</ReceivedDate>
    <ApplicationDate>2007-07-13T00:00:00</ApplicationDate>
    <AppointmentDate>2007-07-23T00:00:00</AppointmentDate>!!
    <AppointmentTime>2007-07-19T00:01:00</AppointmentTime>
  </TelstraAckAdvice>
</TelstraAckAdviceResponse>
```

## 10.2.2) TelstraCompletionAdvice

This is the advice that the service is active. The completion date is the date the service became active.

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
```

```

<soap:Body>
<TelstraCompletionAdviceResponse
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
<TelstraCompletionAdviceResult><TelstraCompletionAdvice><SequenceNumber>
'17608645</SequenceNumber>
  <Fnn>'039000000</Fnn>
  <OrderNumber>'17608645</OrderNumber>
  <IssuedDate>2007-07-11T00:00:00</IssuedDate>
  <CompletedDate>2007-07-18T00:00:00</CompletedDate>          !!
  <ServiceProvider>aaNet</ServiceProvider>
  <EndUser>aaNet</EndUser>
  <PurchaseOrder>039000000</PurchaseOrder>
  <ReceivedDate>2007-07-11T00:00:00</ReceivedDate>
  <ApplicationDate>2007-07-11T00:00:00</ApplicationDate>
  <AppointmentDate>2007-07-17T00:00:00</AppointmentDate>
  <AppointmentTime>2007-07-19T00:01:00</AppointmentTime>
  <AccountNumber>'311248</AccountNumber>
</TelstraCompletionAdvice>
<TelstraCompletionAdvice>
  <SequenceNumber>'17608469</SequenceNumber>
  <Fnn>'039000001</Fnn>
  <OrderNumber>'17608469</OrderNumber>
  <IssuedDate>2007-07-12T00:00:00</IssuedDate>
  <CompletedDate>2007-07-18T00:00:00</CompletedDate>
  <ServiceProvider>aaNet</ServiceProvider>
  <EndUser>aaNet</EndUser>
  <PurchaseOrder>039000001</PurchaseOrder>
  <ReceivedDate>2007-07-12T00:00:00</ReceivedDate>
  <ApplicationDate>2007-07-12T00:00:00</ApplicationDate>
  <AppointmentDate>2007-07-18T00:00:00</AppointmentDate>
  <AppointmentTime>2007-07-19T00:01:00</AppointmentTime>
  <AccountNumber>'311248</AccountNumber>
</TelstraCompletionAdvice>
</TelstraCompletionAdviceResponse>

```

### 10.2.3) TelstraGainLossAdvice

This report shows services that have churned in and churned out. It does not show new connections, or service which are gone due to phone line disconnection.

```

<TelstraGainLossAdviceResult>
  <TelstraGainLossAdvice>
    <TransferType>Transfer Gain - Type A</TransferType>
    <Fnn>'02xxxxxxx</Fnn>
    <ReferenceNumber>2xxxxxxx</ReferenceNumber>
    <ProjectId />
    <ServiceNo>2xxxxxxx</ServiceNo>
    <CompletedDate>2007-07-17T12:07:00</CompletedDate>          !!
    <GainingSp />
    <ReversalTo />
    <ReversalFrom />
  </TelstraGainLossAdvice>
  <TelstraGainLossAdvice>

```

```

    <TransferType>Transfer Loss</TransferType>
    <Fnn>'02xxxxxx</Fnn>
    <ReferenceNumber>2xxxxxxx</ReferenceNumber>
    <ProjectId />
    <ServiceNo>2xxxxxxx</ServiceNo>
    <CompletedDate>2007-07-17T12:07:00</CompletedDate>    !!
    <GainingSp />
    <ReversalTo />
    <ReversalFrom />
  </TelstraGainLossAdvice>
</TelstraGainLossAdviceResult>

```

#### 10.2.4) TelstraHeldOrderAdvice

When an order gets held for any reason, you get one of these with the reason, and the estimated release date.

```

<TelstraHeldOrderAdviceResult>
  <TelstraHeldOrderAdvice>
    <SequenceNumber>'16521579</SequenceNumber>
    <Fnn>'0354705185</Fnn>
    <OrderNumber>'16521579</OrderNumber>
    <ServiceProvider>aaNet</ServiceProvider>
    <EndUser>aaNet</EndUser>
    <PurchaseOrder>0354705185</PurchaseOrder>
    <ArrangedDate>0001-01-01T00:00:00</ArrangedDate>
    <HeldReason>Network build investigation</HeldReason>
    <HeldDate>2007-04-20T00:00:00</HeldDate>
    <EstReleaseDate>0001-01-01T00:00:00</EstReleaseDate>
  </TelstraHeldOrderAdvice>
  <TelstraHeldOrderAdvice>
    <SequenceNumber>'16507710</SequenceNumber>
    <Fnn>'0755028683</Fnn>
    <OrderNumber>'16507710</OrderNumber>
    <ServiceProvider>aaNet</ServiceProvider>
    <EndUser>aaNet</EndUser>
    <PurchaseOrder>0755028683</PurchaseOrder>
    <ArrangedDate>0001-01-01T00:00:00</ArrangedDate>
    <HeldReason>Network build investigation</HeldReason>
    <HeldDate>2007-04-19T00:00:00</HeldDate>
    <EstReleaseDate>0001-01-01T00:00:00</EstReleaseDate>
  </TelstraHeldOrderAdvice>
</TelstraHeldOrderAdviceResult>

```

#### 10.2.5) TelstraHeldReleaseAdvice

When a service is released from held, you receive one of these which contains the estimated completion date of the service.

```
<?xml version="1.0" encoding="utf-8"?>
```

```

<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <TelstraHeldReleaseAdviceResponse
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
      <TelstraHeldReleaseAdviceResult>
        <TelstraHeldReleaseAdvice>
          <SequenceNumber>string</SequenceNumber>
          <Fnn>string</Fnn>
          <OrderNumber>string</OrderNumber>
          <ServiceProvider>string</ServiceProvider>
          <EndUser>string</EndUser>
          <PurchaseOrder>string</PurchaseOrder>
          <ArrangedDate>2007-04-25T00:00:00e</ArrangedDate>
          <HeldReason>Network build investigation</HeldReason>
          <ReleasedDate>2007-04-19T00:00:00</ReleasedDate>
        </TelstraHeldReleaseAdvice>
      </TelstraHeldReleaseAdviceResult>
    </TelstraHeldReleaseAdviceResponse>
  </soap:Body>
</soap:Envelope>

```

## 10.2.6) TelstraRejectionAdvice

If an order is rejected, you get one of these records which contains the reason.

```

<TelstraRejectionAdviceResult>
  <TelstraRejectionAdvice>
    <SequenceNumber>'16503832</SequenceNumber>
    <Fnn>'0355610583</Fnn>
    <ServiceProvider>aaNet</ServiceProvider>
    <EndUser>aaNet</EndUser>
    <PurchaseOrder>0355610583</PurchaseOrder>
    <ReceivedDate>2007-04-12T00:00:00</ReceivedDate>
    <RejectedDate>2007-04-19T00:00:00</RejectedDate>      !!
    <RejectReason>Invalid Service - Service 0355610583 not
found.</RejectReason>
  </TelstraRejectionAdvice>
  <TelstraRejectionAdvice>
    <SequenceNumber>'16524485</SequenceNumber>
    <Fnn>'0397201758</Fnn>
    <ServiceProvider>aaNet</ServiceProvider>
    <EndUser>aaNet</EndUser>
    <PurchaseOrder>0397201758</PurchaseOrder>
    <ReceivedDate>2007-04-20T00:00:00</ReceivedDate>
    <RejectedDate>2007-04-20T00:00:00</RejectedDate>      !!
    <RejectReason>New DSL-L2 The actioned product is
incompatible with products on the service.</RejectReason>
  </TelstraRejectionAdvice>
</TelstraRejectionAdviceResult>

```

## 10.2.7) TelstraReturnRcptAdvice

This report simply acknowledges that the order has been placed.

```
<TelstraReturnRcptAdviceResult>
  <TelstraReturnRcptAdvice>
    <SequenceNumber>'16522471</SequenceNumber>
    <Fnn>'0390000000</Fnn>
    <ServiceProvider>aaNet</ServiceProvider>
    <EndUser>aaNet</EndUser>
    <PurchaseOrder>0390000000</PurchaseOrder>
    <ReceivedDate>2007-04-20T00:00:00</ReceivedDate>
    <ApplicationDate>2007-04-20T00:00:00</ApplicationDate>!!
    <RequestedDate>2007-04-27T00:00:00</RequestedDate>
    <ApplicationMedia>EMAIL</ApplicationMedia>
  </TelstraReturnRcptAdvice>
</TelstraReturnRcptAdviceResult>
```

## 11) MSAN B2B Services

### 11.1) ListMsanExchanges

This report gives a list of exchanges which DFT has installed MSANs.

#### 11.1.1) Body Packet Format

```
<soap:Body>
  <ListMsanExchanges
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService" />
  </soap:Body>
</soap:Envelope>
```

#### 11.1.2) Response packet format

```
<ListMsanExchangesResult>
  <ExchangeCapacity>
    <ExchangeCode>TYHO</ExchangeCode>
    <Capacity>288</Capacity>
  </ExchangeCapacity>
  <ExchangeCapacity>
    <ExchangeCode>CAUL</ExchangeCode>
    <Capacity>196</Capacity>
  </ExchangeCapacity>
</ListMsanExchangesResult>
```

Returns a collection of ExchangeCapacity objects which contain the following two fields:  
ExchangeCode is the 4 character code identifying the Telstra exchange.  
Capacity is the number of free ports suitable for SSS.

## **11.2) GetMultipleSq**

This service takes in a phone number and returns three results, indicating whether the exchange is Telstra enabled, Optus enabled and DFT MSAN enabled.

### **11.2.1) Body packet format**

```
<GetMultipleSq
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
  <serviceTelephone>0899999999</serviceTelephone>
</GetMultipleSq>
</soap:Body>
</soap:Envelope>
```

serviceTelephone is the phone number you wish to check.

### **11.2.2) Response packet format**

```
<GetMultipleSqResult>
  <Telstra>boolean</Telstra>
  <Optus>boolean</Optus>
  <Msan>boolean</Msan>
</GetMultipleSqResult>
```

Telstra, Optus and Msan are either true or false depending on whether the exchange has hardware from Telstra, Optus or DFT.

## **11.3) GetAdslProvider**

This service takes in a contract id and returns information on the ADSL provider as both a number and a name, from the following table:

0	Telstra
1	Request
2	Nextep
3	Powertel
4	SwiftTel
5	Optus

6	Concept
7	MSAN

### 11.3.1) Body packet format

```
<soap:Body>
  <GetAdslProvider
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
  <contractId>int</contractId>
  </GetAdslProvider>
</soap:Body>
</soap:Envelope>
```

contractId is the ID of the contract you wish to check.

### 11.3.2) Response packet format

The ProviderId field is the number from the above table. The Provider field is the string from the above table.

## 11.4) *GetAdslConfigList*

This service returns a list of ADSL configurations for all ADSL contracts under your wholesale client.

### 11.4.1) Body packet format

```
<soap:Body>
  <GetAdslConfigList
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService" />
</soap:Body>
</soap:Envelope>
```

This service takes no inputs aside from the header packet.

### 11.4.2) Response packet format

```

    <GetAdslConfigListResponse
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService"
    <GetAdslConfigListResult>
      <AdslConfigDetail>
        <ProviderId>int</ProviderId>
        <ContractId>int</ContractId>
        <StatusId>int</StatusId>
        <IsTerminated>int</IsTerminated>
        <Provider>string</Provider>
        <ServiceTelephone>string</ServiceTelephone>
      </AdslConfigDetail>
      <AdslConfigDetail>
        <ProviderId>int</ProviderId>
        <ContractId>int</ContractId>
        <StatusId>int</StatusId>
        <IsTerminated>int</IsTerminated>
        <Provider>string</Provider>
        <ServiceTelephone>string</ServiceTelephone>
      </AdslConfigDetail>
    </GetAdslConfigListResult>
  <AdslConfigDetail >

```

For each contract the service returns a GetAdslConfigListResult object containing the following fields:

ProviderId - See webservice 11.3

ContractId - The contract ID for this contract.

StatusId - The ADSL provisioning status (numeric). See the below table.

IsTerminated - 0 for not terminated, 1 for terminated.

Provider - See webservice 11.3

ServiceTelephone - The phone number for the service

1	Inactive (Awaiting Completion)
2	Inactive (Awaiting Completion) - Amendment Pending
3	Active
4	Active - Modification Pending
5	Active - Removal Pending
6	Inactive (Removed)
7	Inactive - Removal Pending
0	Inactive (Rejected)
8	Inactive (Awaiting SSS Connection)
9	Active (Awaiting SSS Migration)

For Optus ADSL2 services, this table will read differently, as it uses a different provisioning system. The revised table is below:

1	Inactive (Awaiting Completion)
2	Inactive (Awaiting Completion) - Amendment Pending
3	Active



4	Active - Modification Pending
5	Active - Removal Pending
6	Inactive (Removed)
0	Inactive (Rejected)
7	Inactive (Suspended)
8	Active - Suspension Pending
9	Suspended - Awaiting Unsuspension
10	Active - Phone Pending
11	Active - DSL Pending
12	Active - Phone Removal Pending
13	Active - DSL Removal Pending
14	Inactive (Awaiting Completion) - Automatic
15	Active - Removal Pending - Automatic
16	Active - Phone Suspension Pending
17	Active - Phone Suspended
18	Active - Phone Unsuspension Pending

## 12) Shaping B2B Services

### 12.1) *GetShapingInformation*

This report displays the shaping configuration of a contract.

#### 12.1.1) Body Packet Format

```

    <soap:Body>
      <GetShapingInformation
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
        <contractId>int</contractId>
      </GetShapingInformation>
    </soap:Body>
</soap:Envelope>

```

contractId is the ID of the contract you wish to check the shaping information for.

#### 12.1.2) Response packet format

```

    <GetShapingInformationResponse
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
      <GetShapingInformationResult>
        <ShapingByTimeForOutput>
          <ShapeStatus>string</ShapeStatus>

```

```

        <ShapeType>Unknown or ShapeToSpeed or
ShapeToPercentage</ShapeType>

<ServicePermitsConfigurableShaping>boolean</ServicePermitsConfigurableS
haping>
    <IsShaped>boolean</IsShaped>
    <KiloBitPerSecond>int</KiloBitPerSecond>
    <OnDateTime>dateTime</OnDateTime>
    <OnVolume>long</OnVolume>
    <OffDateTime>dateTime</OffDateTime>
    <OffVolume>long</OffVolume>
    <PctOfLink>int</PctOfLink>
    <LastSampleDateTime>dateTime</LastSampleDateTime>
    <LastSampleVolume>long</LastSampleVolume>
    <LevelMb>int</LevelMb>
    <ServicePermitsShaping>boolean</ServicePermitsShaping>
    <TimeCategoryId>int</TimeCategoryId>
</ShapingByTimeForOutput>
<ShapingByTimeForOutput>
    <ShapeStatus>string</ShapeStatus>
    <ShapeType>Unknown or ShapeToSpeed or
ShapeToPercentage</ShapeType>

<ServicePermitsConfigurableShaping>boolean</ServicePermitsConfigurableS
haping>
    <IsShaped>boolean</IsShaped>
    <KiloBitPerSecond>int</KiloBitPerSecond>
    <OnDateTime>dateTime</OnDateTime>
    <OnVolume>long</OnVolume>
    <OffDateTime>dateTime</OffDateTime>
    <OffVolume>long</OffVolume>
    <PctOfLink>int</PctOfLink>
    <LastSampleDateTime>dateTime</LastSampleDateTime>
    <LastSampleVolume>long</LastSampleVolume>
    <LevelMb>int</LevelMb>
    <ServicePermitsShaping>boolean</ServicePermitsShaping>
    <TimeCategoryId>int</TimeCategoryId>
</ShapingByTimeForOutput>
</GetShapingInformationResult>
</GetShapingInformationResponse>

```

Returns a collection of ShapingByTimeForOutput objects. There will either be one object returned if the service is shaped normally, or two objects if the shaping is different for peak and off-peak times. These objects contain the following fields:

*Note - any number fields not set will appear as large negative numbers. You can regard these as null.*

**ShapeStatus:** A text description of the shaping information in effect.

**ShapeType:** Whether the service is shaped to a set speed, or a percentage of maximum speed.

**ServicePermitsConfigurableShaping:** Whether the service shaping can be modified.

**IsShaped:** Whether the service is currently shaped or not.

KiloBitPerSecond: Speed the service will be shaped to.  
OnDateTime: Date and time that shaping was last applied.  
OnVolume: Volume downloaded at the time shaping was applied.  
OffDateTime: Date and time shaping was last removed. Will be set to default date (0001-01-01) if contract is currently shaped.  
OffVolume: Volume downloaded when shaping was last removed.  
PctOfLink: Percentage of maximum speed service will be shaped to.  
LastSampleDateTime: Time of last download sample.  
LastSampleVolume: Current amount of volume downloaded by end user.  
LevelMb: Amount of data in Mb user can download before being shaped.  
ServicePermitsShaping: Whether or not the service can be subject to shaping.  
TimeCategoryId: Can be one of 3 values. 0 - Normal shaping, 1 - Peak shaping, 2 - Off peak shaping.

## 12.2) SetShapingInformation

This service allows you to configure shaping on a service. It will only work if the service allows configurable shaping.

### 12.2.1) Body Packet Format

```
<soap:Body>
  <SetShapingInformation
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
    <contractId>int</contractId>
    <levelMb>string</levelMb>
    <shapeValue>string</shapeValue>
    <shapeType>int</shapeType>
    <offPeakLevelMb>string</offPeakLevelMb>
    <offPeakShapeValue>string</offPeakShapeValue>
  </SetShapingInformation>
</soap:Body>
</soap:Envelope>
```

contractId is the ID of the contract you wish to set the shaping information for.  
levelMb is the number of megabytes the user will be shaped at. If setting for peak/off-peak shaping, this number will apply to the peak shaping.  
shapeValue is either the speed in Kb/s the service will be shaped to, or the percentage of maximum speed the service will be shaped to, depending on the setting of shapeType.  
shapeType is the type of shaping. 1 - Shape to speed, 2 - Shape to percentage. Note that for peak/off-peak shaping, only shape to speed is currently supported.  
offPeakLevelMb is the number of megabytes to shape at for off peak. If this field is set to an empty string, the service will assume this is a request for normal shaping.

offPeakShapeValue is the speed to shape the service to once the level is passed.

## 12.2.2) Response packet format

```
<SetShapingInformationResponse
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
  <SetShapingInformationResult>boolean</SetShapingInformationResult>
</SetShapingInformationResponse>
```

This service will return true if the configuration works, or a SOAP error if it fails.

## 13) ADSL General B2B Services

These services work for ADSL or SSS connections.

### 13.1) GetAdslContractId

This service returns a contract ID when supplied either a phone number or a provisioning task ID.

#### 13.1.1) Body Packet Format

```
<soap:Body>
  <GetAdslContractId
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
    <serviceTelephone>string</serviceTelephone>
    <taskId>string</taskId>
  </GetAdslContractId>
</soap:Body>
</soap:Envelope>
```

Either provide the phone number in the serviceTelephone field, or provide a provisioning task ID in the taskId field.

#### 13.1.2) Response packet format

```
<GetAdslContractIdResponse
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
  <GetAdslContractIdResult>int</GetAdslContractIdResult>
</GetAdslContractIdResponse>
```

## **13.2) ChangeDSL1Service**

This service allows you to change the plan a customer is on to a different one.

### **13.2.1) Body Packet Format**

```
<soap:Body>
  <ChangeDSL1Service
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
  <phoneNumber>string</phoneNumber>
  <serviceId>int</serviceId>
  <requestedDate>dateTime</requestedDate>
  </ChangeDSL1Service>
</soap:Body>
```

This service takes in the phone number, the ID of the new service and the requested date in yyyy-mm-dd format.

### **13.2.2) Response packet format**

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ChangeDSL1ServiceResponse
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
      <ChangeDSL1ServiceResult>string</ChangeDSL1ServiceResult>
    </ChangeDSL1ServiceResponse>
  </soap:Body>
</soap:Envelope>
```

The service will return “true” on a successful plan change.

## **13.3) RemoveDSL1Connection**

This service disconnects an ADSL or SSS service based on the phone number provided.

### 13.3.1) Body Packet Format

```
<soap:Body>
  <RemoveDSL1Connection
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
    <phoneNumber>string</phoneNumber>
    <requestedDate>dateTime</requestedDate>
  </RemoveDSL1Connection>
</soap:Body>
```

The service takes in the phone number and requested date for the disconnection. The date format is yyyy-mm-dd.

### 13.3.2) Response packet format

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <RemoveDSL1ConnectionResponse
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
      <RemoveDSL1ConnectionResult>string</RemoveDSL1ConnectionResult>
    </RemoveDSL1ConnectionResponse>
  </soap:Body>
</soap:Envelope>
```

The service will return “true” on a successful disconnection request.

## 13.4) RemoveDSL1ConnectionContractId

This service disconnects an ADSL or SSS service based on the contract ID provided.

### 13.4.1) Body Packet Format

```
<soap:Body>
  <RemoveDSL1ConnectionContractId
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
    <contractId>int</contractId>
    <requestedDate>dateTime</requestedDate>
  </RemoveDSL1ConnectionContractId>
</soap:Body>
```

The service takes in the contract ID and requested date for the disconnection. The date format is yyyy-mm-dd.

## 13.4.2) Response packet format

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <RemoveDSL1ConnectionContractIdResponse
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">

<RemoveDSL1ConnectionContractIdResult>string</RemoveDSL1ConnectionContractIdResult>
    </RemoveDSL1ConnectionContractIdResponse>
  </soap:Body>
</soap:Envelope>
```

The service will return “true” on a successful disconnection request.

## 13.5) RemoveDSL1ConnectionWithReference

This service disconnects an ADSL or SSS service based on the phone number provided, and allows you to provide a tracking reference which will appear in the ProvEventFormatted services.

### 13.5.1) Body Packet Format

```
<soap:Body>
  <RemoveDSL1ConnectionWithReference
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
    <phoneNumber>string</phoneNumber>
    <requestedDate>dateTime</requestedDate>
    <wholesalerReference>string</wholesalerReference>
  </RemoveDSL1ConnectionWithReference>
</soap:Body>
```

The service takes in the phone number, requested date for the disconnection and your reference string. The date format is yyyy-mm-dd.

### 13.5.2) Response packet format

```
<?xml version="1.0" encoding="utf-8"?>
```

```

<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <RemoveDSL1ConnectionWithReferenceResponse
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
      <RemoveDSL1ConnectionWithReferenceResult>string</RemoveDSL1ConnectionWithReferenceResult>
    </RemoveDSL1ConnectionWithReferenceResponse>
  </soap:Body>
</soap:Envelope>

```

The service will return “true” on a successful disconnection request.

## **13.6) IsPhoneNumberConnectedToDSL1Exchange**

This service checks if a phone number is ADSL capable via Telstra.

### **13.6.1) Body Packet Format**

```

<soap:Body>
  <IsPhoneNumberConnectedToDSL1Exchange
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
    <phoneNumber>string</phoneNumber>
  </IsPhoneNumberConnectedToDSL1Exchange>
</soap:Body>

```

This service takes in the phone number to be queried.

### **13.6.2) Response packet format**

```

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <IsPhoneNumberConnectedToDSL1ExchangeResponse
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
      <IsPhoneNumberConnectedToDSL1ExchangeResult>boolean</IsPhoneNumberConnectedToDSL1ExchangeResult>
    </IsPhoneNumberConnectedToDSL1ExchangeResponse>
  </soap:Body>
</soap:Envelope>

```



The service will return “true” or “false” depending on the result of the check.

### **13.7) *IsPhoneNumberConnectedToDSL2Exchange***

This service checks if a phone number is ADSL2 capable via Optus ULL.

#### **13.7.1) Body Packet Format**

```
<soap:Body>
  <IsPhoneNumberConnectedToDSL2Exchange
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
  <phoneNumber>string</phoneNumber>
  </IsPhoneNumberConnectedToDSL2Exchange>
</soap:Body>
```

This service takes in the phone number to be queried.

#### **13.7.2) Response packet format**

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <IsPhoneNumberConnectedToDSL2ExchangeResponse
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
      <IsPhoneNumberConnectedToDSL2ExchangeResult>boolean</IsPhoneNumberConnectedToDSL2ExchangeResult>
    </IsPhoneNumberConnectedToDSL2ExchangeResponse>
  </soap:Body>
</soap:Envelope>
```

The service will return “true” or “false” depending on the result of the check.

### **13.8) *GetExchangeDetails***

This service returns details of which services are available on a particular exchange, based on the supplied phone number.

### 13.8.1) Body Packet Format

```
<soap:Body>
  <GetExchangeDetails
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
  <serviceNo>string</serviceNo>
  </GetExchangeDetails>
</soap:Body>
```

The service takes in the phone number to be queried.

### 13.8.2) Response packet format

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <GetExchangeDetailsResponse
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
      <GetExchangeDetailsResult>
        <ExchangeDetails>
          <State>string</State>
          <CCA>string</CCA>
          <ExchangeId>string</ExchangeId>
          <ExchangeDescription>string</ExchangeDescription>
          <ADSL1Available>string</ADSL1Available>
          <ADSL2Available>string</ADSL2Available>
          <OptusULLAvailable>string</OptusULLAvailable>
          <OnNet>string</OnNet>
        </ExchangeDetails>
        <ExchangeDetails>
          <State>string</State>
          <CCA>string</CCA>
          <ExchangeId>string</ExchangeId>
          <ExchangeDescription>string</ExchangeDescription>
          <ADSL1Available>string</ADSL1Available>
          <ADSL2Available>string</ADSL2Available>
          <OptusULLAvailable>string</OptusULLAvailable>
          <OnNet>string</OnNet>
        </ExchangeDetails>
      </GetExchangeDetailsResult>
    </GetExchangeDetailsResponse>
  </soap:Body>
</soap:Envelope>
```

The service generally only returns one row, but in rare circumstances might return multiple objects. You can ignore all but the first one.

The CCA is the suburb the exchange resides in, the State is the state the exchange resides in, the exchangeId is a 4 letter code for the exchange, and the exchange description is the full name of the exchange. ADSL1Available means the exchange supports ADSL1. ADSL2Available means the exchange supports ADSL2 via Telstra or other non ULL providers. OptusULLAvailable means the exchange supports ULL, and finally OnNet means the exchange has an Eftel MSAN present.

## 14) Mobile Broadband Services

### 14.1) NewMBBConnection

This web service orders a new connection.

#### 14.1.1) Body Packet Format

```
<NewMBBConnection
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
  <serviceId>int</serviceId>
  <requestReference>string</requestReference>
  <firstName>string</firstName>
  <surname>string</surname>
  <organisation>string</organisation>
  <title>string</title>
  <homePhone>string</homePhone>
  <workPhone>string</workPhone>
  <mobilePhone>string</mobilePhone>
  <emailAddress>string</emailAddress>
  <serviceAddress>
    <StreetSubType>string</StreetSubType>
    <StreetSubNumber>string</StreetSubNumber>
    <StreetNumber>string</StreetNumber>
    <StreetName>string</StreetName>
    <StreetType>string</StreetType>
    <StreetSuffix>string</StreetSuffix>
    <StreetSuburb>string</StreetSuburb>
    <StreetState>string</StreetState>
    <StreetPostcode>int</StreetPostcode>
    <StreetSubTypeAbbrev>string</StreetSubTypeAbbrev>
    <StreetTypeAbbrev>string</StreetTypeAbbrev>
    <StreetAddress1>string</StreetAddress1>
    <StreetAddress2>string</StreetAddress2>
  </serviceAddress>
</NewMBBConnection>
</soap:Body>
```

### 14.1.2) Required fields

```
<serviceId>6006</serviceId>
```

The ID of the service. You will need to ask Eftel for a list of services for MBB allowed for your use.

```
<serviceAddress>
  <StreetSubType>Unit</StreetSubType>
  <StreetSubNumber>1</StreetSubNumber>
  <StreetNumber>34</StreetNumber>
  <StreetName>Bob</StreetName>
  <StreetType>Street</StreetType>
  <StreetSuffix></StreetSuffix>
  <StreetSuburb>Bobville</StreetSuburb>
  <StreetState>VIC</StreetState>
  <StreetPostcode>3000</StreetPostcode>
  <StreetSubTypeAbbrev></StreetSubTypeAbbrev>
  <StreetTypeAbbrev></StreetTypeAbbrev>
  <StreetAddress1></StreetAddress1>
  <StreetAddress2></StreetAddress2>
</serviceAddress>
```

These fields comprise the address of the service. The ones left blank in the example above are generally not required. StreetAddress1 and StreetAddress2 should be left blank as they are not used.

If this is a new service, set this field to 0 (new cable will be rolled out by Optus). If this is an existing service, set this to 1.

```
<firstName>Bob</firstName>
<surname>Foozle</surname>
<organisation>Foozle Inc</organisation>
<title>Mr</title>
<homePhone></homePhone>
<workPhone></workPhone>
<mobilePhone></mobilePhone>
<emailAddress></emailAddress>
```

Customer contact details. The name components are used in the address that the SIM is mailed to. The rest are optional.

### 14.1.3) Non required fields

```
<requestReference>TEST1</requestReference>
```

Your reference number. Can safely be left as blank, or can be set to any combination of characters.

#### 14.1.4) Response packet format

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <NewMBBConnectionResponse
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
      <NewMBBConnectionResult>string</NewMBBConnectionResult>
    </NewMBBConnectionResponse>
  </soap:Body>
</soap:Envelope>
```

This is the format of the response packet when an order is successfully placed.

```
<NewMBBConnectionResult>CONTRACTID</NewMBBConnectionResult>
```

The content of the above tag will be the ID of the new contract created when the order was placed. This is used for most contract specific queries using the other web services.

### 14.2) Activate MBB Service

Once your customer has received their SIM, you use this service to activate it. If you wish to activate all SIM's after a certain period regardless, we recommend waiting at least 2 days from placing the order. Billing on the service commences once the SIM is successfully activated. Activation can be tracked from the ProvEventFormatted webservices.

#### 14.2.1) Body packet format

```
<soap:Body>
  <ActivateMBBService
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
    <contractId>int</contractId>
  </ActivateMBBService>
</soap:Body>
```

#### 14.2.2) Required fields

```
<contractId>122335</contractId>
```

The contract ID of the mobile broadband service.

### 14.2.3) Response packet format

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ActivateMBBServiceResponse
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
      <ActivateMBBServiceResult>string</ActivateMBBServiceResult>
    </ActivateMBBServiceResponse>
  </soap:Body>
</soap:Envelope>
```

This is the response packet format of the service. The result field will contain “true” for a successful activation request, though the request generally takes 1-2 hours before confirmation is received from the supplier.

### 14.3) NewMBBDataBlocks

This service allows you to add an additional data block to a mobile broadband service. Each service generally includes one block of a certain size each month, and when the user runs out of data they need to buy more. Any data block purchased under current rules will expire on the monthly anniversary when the new free monthly block is allocated.

#### 14.3.1) Body packet format

```
<soap:Body>
  <NewMBBDataBlocks
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
    <contractId>int</contractId>
    <dataBlockTypeId>int</dataBlockTypeId>
  </NewMBBDataBlocks>
</soap:Body>
```

#### 14.3.2) Required fields

```
<contractId>122335</contractId>
```

The contract ID of the mobile broadband service.

```
<dataBlockTypeId>2</dataBlockTypeId>
```

The ID of the data block you wish to add. You will need to contact your account manager for a list of ID's for the services available to you.

### 14.3.3) Response packet format

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" >
  <soap:Body>
    <NewMBBDataBlocksResponse
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService" />
  </soap:Body>
</soap:Envelope>
```

This service doesn't return any data except the above empty packet. If no error is thrown you can assume a success.

## 15) Services used for placing Telephony orders

### 15.1) NewFSConnection

This web service orders a churn/port of an existing service. New services currently cannot be ordered via the B2B.

#### 15.1.1) Body Packet Format

```
<soap:Body>
  <NewFSConnection
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
    <phoneNumber>string</phoneNumber>
    <serviceId>int</serviceId>
    <requestReference>string</requestReference>
    <firstName>string</firstName>
    <surname>string</surname>
    <organisation>string</organisation>
    <title>string</title>
    <homePhone>string</homePhone>
    <workPhone>string</workPhone>
    <mobilePhone>string</mobilePhone>
    <emailAddress>string</emailAddress>
    <serviceAddress>
      <StreetSubType>string</StreetSubType>
      <StreetSubNumber>string</StreetSubNumber>
      <StreetNumber>string</StreetNumber>
```

```

    <StreetName>string</StreetName>
    <StreetType>string</StreetType>
    <StreetSuffix>string</StreetSuffix>
    <StreetSuburb>string</StreetSuburb>
    <StreetState>string</StreetState>
    <StreetPostcode>int</StreetPostcode>
    <StreetSubTypeAbbrev>string</StreetSubTypeAbbrev>
    <StreetTypeAbbrev>string</StreetTypeAbbrev>
    <StreetAddress1>string</StreetAddress1>
    <StreetAddress2>string</StreetAddress2>
  </serviceAddress>
  <signedDate>dateTime</signedDate>
</NewFSConnection>
</soap:Body>

```

### 15.1.2) Required fields

```
<phoneNumber>0399999999</phoneNumber>
```

The service number of the customer to be ported/churned.

```
<serviceId>6006</serviceId>
```

The ID of the service. You will need to contact Eftel for valid service ID's.

```

<serviceAddress>
  <StreetSubType>Unit</StreetSubType>
  <StreetSubNumber>1</StreetSubNumber>
  <StreetNumber>34</StreetNumber>
  <StreetName>Bob</StreetName>
  <StreetType>Street</StreetType>
  <StreetSuffix></StreetSuffix>
  <StreetSuburb>Bobville</StreetSuburb>
  <StreetState>VIC</StreetState>
  <StreetPostcode>3000</StreetPostcode>
  <StreetSubTypeAbbrev></StreetSubTypeAbbrev>
  <StreetTypeAbbrev></StreetTypeAbbrev>
  <StreetAddress1></StreetAddress1>
  <StreetAddress2></StreetAddress2>
</serviceAddress>

```

These fields comprise the address of the service. The ones left blank in the example above are generally not required. StreetAddress1 and StreetAddress2 should be left blank as they are not used.

```
<signedDate>2007-11-22</signedDate>
```

This is the date the customer signed an agreement with you to receive the service. Date format is yyyy-mm-dd.



### 15.1.3) Non required fields

```
<requestReference>TEST1</requestReference>
```

Your reference number. Can safely be left as blank, or can be set to any combination of characters.

```
<firstName>Bob</firstName>
<surname>Foozle</surname>
<organisation>Foozle Inc</organisation>
<title>Mr</title>
<homePhone></homePhone>
<workPhone></workPhone>
<mobilePhone></mobilePhone>
<emailAddress></emailAddress>
```

Customer contact details. Can be left blank, or set to the details of your customer.

### 15.1.4) Response packet format

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <NewFSConnectionResponse
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
      <NewFSConnectionResult>string</NewFSConnectionResult>
    </NewFSConnectionResponse>
  </soap:Body>
</soap:Envelope>
```

This is the format of the response packet when an order is successfully placed.

```
<NewFSConnectionResult>CONTRACTID</NewFSConnectionResult>
```

The content of the above tag will be the ID of the new contract created when the order was placed. This is used for most contract specific queries using the other web services.

## 16) Client Transaction Services

## 16.1) *GetTransactionsAll*

This service returns all transactions applied to your account (both charges and credits) over a particular date range.

### 16.1.1) Body Packet Format

```
<soap:Body>
  <GetTransactionsAll
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
    <startDate>dateTime</startDate>
    <endDate>dateTime</endDate>
  </GetTransactionsAll>
</soap:Body>
```

The service takes in a start date and an end date in yyyy-mm-dd format.

### 16.1.2) Response packet format

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <GetTransactionsAllResponse
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
      <GetTransactionsAllResult>
        <ClientTransaction>
          <Id>int</Id>
          <ClientId>int</ClientId>
          <ContractId>int</ContractId>
          <ContractAddonId>int</ContractAddonId>
          <Amount>double</Amount>
          <AmountGst>double</AmountGst>
          <Notes>string</Notes>
          <ServiceTelephone>string</ServiceTelephone>
          <ClientTransactionTypeId>string</ClientTransactionTypeId>
          <DateR>dateTime</DateR>
        </ClientTransaction>
        <ClientTransaction>
          <Id>int</Id>
          <ClientId>int</ClientId>
          <ContractId>int</ContractId>
          <ContractAddonId>int</ContractAddonId>
          <Amount>double</Amount>
          <AmountGst>double</AmountGst>
          <Notes>string</Notes>
          <ServiceTelephone>string</ServiceTelephone>
          <ClientTransactionTypeId>string</ClientTransactionTypeId>
```

```

        <DateR>dateTime</DateR>
    </ClientTransaction>
</GetTransactionsAllResult>
</GetTransactionsAllResponse>
</soap:Body>
</soap:Envelope>

```

The service returns a number of ClientTransaction objects, which contain the following data:

Id	Unique identifier for the transaction
ClientId	Numeric identifier of your account
ContractId	Numeric identifier of the contract this transaction applies to
ContractAddonId	Numeric identifier of the addon this transaction applies to if appropriate
Amount	The amount of the transaction including GST
AmountGst	The amount of GST on the transaction
Notes	A description of the transaction
ServiceTelephone	If this transaction applies to a contract with a phone number, you get the phone number here.
ClientTransactionTypeId	Eftel code for the transaction type
DateR	The date the transaction was applied to the account

## 16.2) GetIncorrectCallTransactions

This service returns all incorrect callout transactions, which are transactions applied by suppliers when they feel they've wasted their time sending out a technician to check the service (in other words, when the customer is at fault for the problem). The service returns all transactions received since your account was created, so it will need to be filtered at your end by unique transaction Id to ensure no double ups.

### 16.2.1) Body Packet Format

```

<soap:Body>
  <GetIncorrectCallTransactions
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService" />
</soap:Body>

```

This service takes in no input parameters.

### 16.2.2) Response packet format

```
<?xml version="1.0" encoding="utf-8"?>
```

```

<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <GetIncorrectCallTransactionsResponse
xmlns="http://wholesale.datafast.net.au/Myaccount/Public/WholesaleADSLService">
      <GetIncorrectCallTransactionsResult>
        <ClientTransaction>
          <Id>int</Id>
          <ClientId>int</ClientId>
          <ContractId>int</ContractId>
          <ContractAddonId>int</ContractAddonId>
          <Amount>double</Amount>
          <AmountGst>double</AmountGst>
          <Notes>string</Notes>
          <ServiceTelephone>string</ServiceTelephone>
          <ClientTransactionTypeId>string</ClientTransactionTypeId>
          <DateR>dateTime</DateR>
        </ClientTransaction>
        <ClientTransaction>
          <Id>int</Id>
          <ClientId>int</ClientId>
          <ContractId>int</ContractId>
          <ContractAddonId>int</ContractAddonId>
          <Amount>double</Amount>
          <AmountGst>double</AmountGst>
          <Notes>string</Notes>
          <ServiceTelephone>string</ServiceTelephone>
          <ClientTransactionTypeId>string</ClientTransactionTypeId>
          <DateR>dateTime</DateR>
        </ClientTransaction>
      </GetIncorrectCallTransactionsResult>
    </GetIncorrectCallTransactionsResponse>
  </soap:Body>
</soap:Envelope>

```

The output format is identical to the previous service.