

DeliveryReportReq (Delivery Receipts)

Last Updated: Wednesday, June 23, 2021

Requests and Responses

The format and parameters of each request and response may vary depending on the MM7 version that you choose to receive.

Select your MM7 version below to see the version-specific parameters and sample requests.

Note: The MO and DLR responses can support blank responses. For a client who is new to MM7 and SOAP format, this allows an easier integration by accepting a response with HTTP 200 and a response text of blank.

MM7 5.5.0

Request Parameters

Element	Required	Description
TransactionID	Yes	The <i>transactionID</i> associated with the message. Making this unique per request should help with the request tracking within the system.
MM7Version	Yes	5.3.0 The MM7Version should be set to 5.3.0 because of a bug in the 5.5.0 XSD.
MessageID	Yes	The <i>MessageId</i> returned in the <i>SubmitReq</i> type.
Recipient	Yes	The recipient address for the Multimedia Message Service (MMS). The Number element within Recipients.
Sender	Yes	The source address for the MMS. The Shortcode element within Sender.
Date	Yes	The date and time the report was generated. Format is the XML datetime format: yyyy-MM-ddT'HH:mm:ssZ.
MMStatus	Yes	The delivery status of the message. The possible values are: <ul style="list-style-type: none">Retrieved - Retrieved by handsetExpired - Expired by carrier (due to various reasons like out of coverage area for a period of time, out of balance)Forwarded - Forwarded to carrierIndeterminate - Not typically used by US carriersRejected - Rejected by carrier with a permanent error
StatusText	No	Description of the status.

Response Parameters

Element	Required	Description
TransactionID	Yes	The <i>transactionID</i> associated with the message from the submit request.
MM7Version	false	5.3.0 The MM7Version should be set to 5.3.0 because of a bug in the 5.5.0 XSD.
StatusCode	Yes	A numeric code indicating the result of the request.
StatusText	Yes	A free-text description of the result of the request.
Details	No	Optional free-text that may be included to further describe the result of the request.

Request Example

```

<?xml version="1.0" encoding="utf-16"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header>
    <mm7:TransactionID SOAP-ENV:mustUnderstand="1" xmlns:mm7="http://www.3gpp.org/ftp/Specs/archive/23_series/23.140/schema/REL-5-MM7-1-2">bddf328cc0e36a25</mm7:TransactionID>
  </SOAP-ENV:Header>
  <SOAP-ENV:Body>
    <mm7:DeliveryReportReq xmlns:mm7="http://www.3gpp.org/ftp/Specs/archive/23_series/23.140/schema/REL-5-MM7-1-2">
      <mm7:MM7Version>5.3.0</mm7:MM7Version>
      <mm7:MessageID>b26bc7214535794d71f36ee31496284e900-7ffa</mm7:MessageID>
      <mm7:Recipient>
        <mm7:Number>+13127536330</mm7:Number>
      </mm7:Recipient>
      <mm7:Sender>
        <mm7:Shortcode>63901</mm7:Shortcode>
      </mm7:Sender>
      <mm7>Date>2014-10-30T21:07:54Z</mm7>Date>
      <mm7:MMStatus>Retrieved</mm7:MMStatus>
    </mm7:DeliveryReportReq>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

Response Example

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Header>
    <TransactionID xmlns="http://www.3gpp.org/ftp/Specs/archive/23_series/23.140/schema/REL-5-MM7-1-2">fa74d713-e27a-425c-aeec</TransactionID>
  </soapenv:Header>
  <soapenv:Body xmlns:ns3="http://www.3gpp.org/ftp/Specs/archive/23_series/23.140/schema/REL-5-MM7-1-2">
    <ns3:DeliveryReportRsp xmlns="http://www.3gpp.org/ftp/Specs/archive/23_series/23.140/schema/REL-5-MM7-1-2">
      <ns3:Status>
        <ns3:StatusCode>1000</ns3:StatusCode>
        <ns3:StatusText>Success</ns3:StatusText>
      </ns3:Status>
    </ns3:DeliveryReportRsp>
  </soapenv:Body>
</soapenv:Envelope>

```

MM7 6.8.0

Request Parameters

Element	Required	Description
TransactionID	Yes	The <i>transactionID</i> associated with the message. Making this unique per request should help with the request tracking within the system.
MM7Version	Yes	6.8.0
MessageID	Yes	The <i>MessageId</i> returned in the <i>SubmitReq</i> type.
Recipient	Yes	The recipient address for the MMS. The Number element within Recipients.
Sender	Yes	The source address for the MMS. The Shortcode element within Sender.
Date	Yes	The date and time the report was generated. Format is the XML datetime format: yyyy-MM-dd'T'HH:mm:ssZ.

MMStatus	Yes	The delivery status of the message. The possible values are: <ul style="list-style-type: none"> Retrieved - Retrieved by handset Deferred DeliveryConditionNotMet Expired - Expired by carrier (due to various reasons like out of coverage area for a period of time, out of balance) Forwarded - Forwarded to carrier Indeterminate - Not typically used by US carriers Rejected - Rejected by carrier with a permanent error SubmissionError - MDN unable to receive MMS Unrecognised
MmStatusExtension	No	Not Supported.
StatusText	No	Description of the status.
ApplicID	No	Not Supported.
ReplyApplicID	No	Not Supported.
AuxApplicInfo	No	Not Supported.
UAProf	No	If supported by the carrier, it is set within the <i>UACapabilities</i> element.
timeStamp	No	If supported by the carrier, it is set within the <i>UACapabilities</i> element. This has the last known update of the <i>UACapabilities</i> .

Response Parameters

Element	Required	Description
TransactionID	Yes	The <i>transactionID</i> associated with the message from the submit request.
MM7Version	false	6.8.0
StatusCode	Yes	A numeric code indicating the result of the request.
StatusText	Yes	A free-text description of the result of the request.
Details	No	Optional free-text that may be included to further describe the result of the request.

Request Example

```
<?xml version="1.0" encoding="utf-16"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" >
  <SOAP-ENV:Header>
    <mm7:TransactionID SOAP-ENV:mustUnderstand="1" xmlns:mm7="http://www.3gpp.org/ftp/Specs/archive/23_series/23.140/schema/REL-6-MM7-1-4">bddf328cc0e36a25</mm7:TransactionID>
  </SOAP-ENV:Header>
  <SOAP-ENV:Body>
    <mm7:DeliveryReportReq xmlns:mm7="http://www.3gpp.org/ftp/Specs/archive/23_series/23.140/schema/REL-6-MM7-1-4">
      <mm7:MM7Version>6.8.0</mm7:MM7Version>
      <mm7:MessageID>b26bc7214535794d71f36ee31496284e900-7ffa</mm7:MessageID>
      <mm7:Recipient>
        <mm7:Number>+13127536330</mm7:Number>
      </mm7:Recipient>
      <mm7:Sender>
        <mm7:Shortcode>63901</mm7:Shortcode>
      </mm7:Sender>
      <mm7>Date>2014-10-30T21:07:54Z</mm7>Date>
      <mm7:MMStatus>Retrieved</mm7:MMStatus>
    </mm7:DeliveryReportReq>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Response Example

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Header>
    <TransactionID xmlns="http://www.3gpp.org/ftp/Specs/archive/23_series/23.140/schema/REL-6-MM7-1-4"
    >fa74d713-e27a-425c-aeec</TransactionID>
  </soapenv:Header>
  <soapenv:Body xmlns:ns3="http://www.3gpp.org/ftp/Specs/archive/23_series/23.140/schema/REL-6-MM7-1-4">
    <ns3:DeliveryReportRsp xmlns="http://www.3gpp.org/ftp/Specs/archive/23_series/23.140/schema/REL-6-MM7-1-4">
      <ns3:Status>
        <ns3:StatusCode>1000</ns3:StatusCode>
        <ns3:StatusText>Success</ns3:StatusText>
      </ns3:Status>
    </ns3:DeliveryReportRsp>
  </soapenv:Body>
</soapenv:Envelope>
```