

# DeliverReq (MO Messages)

Last Updated: Friday, November 6, 2020

## 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.
MessageType	Yes	<i>DeliverReq</i>
MM7Version	Yes	5.3.0 The MM7Version should be set to 5.3.0 because of a bug in the 5.5.0 XSD.
Sender Identification	Yes	
VASPID	No	Not used. Authentication is based on the Authorization header value.
VASID	No	Not used. Authentication is based on the Authorization header value.
SenderAddress	Yes	The source address of the Multimedia Message Service (MMS) message. The Shortcode element within the SenderAddress should have the source.
Recipients	Yes	The destination address for the MMS. The Number element within Recipients To should contain the destination.
TimeStamp	No	
Priority	No	Message priority.
Subject	No	The subject sent along with the MMS message.
Content	No	
Href	No	

#### 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

##### 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
VASPID	No	Not used. Authentication is based on the Authorization header value.
VASID	No	Not used. Authentication is based on the Authorization header value.
LinkedID	No	Not used.
Sender	Yes	The Mobile Directory Number (MDN) that sent the Mobile Originated (MO) MMS. The MDN will be formatted in e.164 format. The MDN will be wrapped in a <Number> element.
Recipients	Yes	The Shortcode to deliver the MO MMS to. The MDN should be wrapped in a <ShortCode> element. The ShortCode element will be wrapped in a <To> element. Multiple ShortCodes will not be sent. The <Cc> and <Bcc> elements will not be used. The <i>displayOnly</i> flag will not be used.
Previouslysentby	No	
Previouslysentdateandtime	No	
SenderSPI	No	
RecipientSPI	No	
TimeStamp	No	
ReplyChargingID	No	
Priority	No	Message priority.
Subject	No	The subject sent along with the MMS message.
ApplicID	No	
ReplyApplicID	No	
AuxApplicInfo	No	
UACapabilities	No	
Content	No	
Href	No	

## 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

## MIME Content

This example highlights one example MIME payload. Please note that any MIME formatted data can be delivered, as the content is created by the device and passed through without modification or alteration. This should be used as one example format and individual payloads can have varied MIME data.

```
POST /client/mms/deliver HTTP/1.1
Content-Type: multipart/related; type="text/xml"; boundary="-----_Part_1_2045721805.1414695261749"
User-Agent: Java/1.6.0_65
Host: 127.0.0.1:8092
Connection: keep-alive
Content-Length: 47103
-----=_Part_1_2045721805.1414695261749
Content-Type: text/xml; charset=utf-8
Content-Transfer-Encoding: 8bit
Content-Id: 549710183.1414695261747.sun-soap.jeetumac.local
<?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">becc3e4a6e065bd6</mm7:TransactionID>
  </SOAP-ENV:Header>
  <SOAP-ENV:Body>
    <mm7:DeliverReq 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:MMSRelayServerID />
      <mm7:Sender>
        <mm7:Number>+13127536330</mm7:Number>
      </mm7:Sender>
      <mm7:Recipients>
        <mm7:To>
          <mm7:ShortCode>63901</mm7:ShortCode>
        </mm7:To>
      </mm7:Recipients>
      <mm7:Priority>Normal</mm7:Priority>
      <mm7:Subject>Hello Client</mm7:Subject>
    </mm7:DeliverReq>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
-----=_Part_1_2045721805.1414695261749
Content-Type: multipart/mixed;
  boundary="-----_Part_1_504396287.1414695261748"
Content-ID: <<sample.gif>-<Simple.txt>>
Content-Disposition: inline; filename="null"
-----=_Part_1_504396287.1414695261748
Content-Type: image/gif; name=sample.gif
Content-Disposition: attachment; filename=sample.gif
Content-ID: <sample.gif>
GIF89a  ....
-----=_Part_1_504396287.1414695261748
Content-Type: text/plain; name=Simple.txt
Content-Disposition: attachment; filename=Simple.txt
Content-ID: <Simple.txt>
Simple Attachment
-----=_Part_1_504396287.1414695261748--
-----=_Part_1_2045721805.1414695261749--
```

## Response Example

```
<?xml version="1.0" encoding="utf-16"?>
<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"
>becc3e4a6e065bd6</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:DeliverRsp 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:DeliverRsp>
  </soapenv:Body>
</soapenv:Envelope>
```

```

POST /client/mms/deliver HTTP/1.1
SOAPAction:
User-Agent: Jakarta Commons-HttpClient/3.1
Host: 127.0.0.1:8092
Content-Length: 47203
Content-Type: multipart/related; type="text/xml";
boundary=MIMEBoundary_346aeb3bcd879a65fd743ee427933ba77a690af113ab71d5; start="
<246aeb3bcd879a65fd743ee427933ba77a690af113ab71d5@apache.org>"

--MIMEBoundary_346aeb3bcd879a65fd743ee427933ba77a690af113ab71d5
Content-Type: text/xml; charset=UTF-8
Content-Transfer-Encoding: binary
Content-ID: <246aeb3bcd879a65fd743ee427933ba77a690af113ab71d5@apache.org>
<?xml version="1.0" encoding="utf-16"?>
<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"
>84d29d65-2ed8-4556-bc5f-951c20b6af44</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:DeliverReq xmlns="http://www.3gpp.org/ftp/Specs/archive/23_series/23.140/schema/REL-5-MM7-1-2">
      <ns3:MM7Version>5.3.0</ns3:MM7Version>
      <ns3:Sender>
        <ns3:Number>+13127536330</ns3:Number>
      </ns3:Sender>
      <ns3:Recipients>
        <ns3:To>
          <ns3:ShortCode>63901</ns3:ShortCode>
        </ns3:To>
      </ns3:Recipients>
      <ns3:Priority>Normal</ns3:Priority>
      <ns3:Subject>Hello Client</ns3:Subject>
      </ns3:Content>
    </ns3:DeliverReq>
  </soapenv:Body>
</soapenv:Envelope>
--MIMEBoundary_346aeb3bcd879a65fd743ee427933ba77a690af113ab71d5
Content-Type: multipart/mixed;          boundary="-----_Part_8_493973408.1414701446619"
Content-Transfer-Encoding: binary
Content-ID: <<sample.gif>-<Simple.txt>>
-----_Part_8_493973408.1414701446619
Content-Type: image/gif; name=sample.gif
Content-Disposition: attachment; filename=sample.gif
Content-ID: <sample.gif>
GIF89a0 ...
-----_Part_8_493973408.1414701446619
Content-Type: text/plain; name=Simple.txt
Content-Disposition: attachment; filename=Simple.txt
Content-ID: <Simple.txt>
Simple Attachment
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--MIMEBoundary_346aeb3bcd879a65fd743ee427933ba77a690af113ab71d5--

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## MM7 6.8.0

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    <mm7:DeliverReq xmlns:mm7="http://www.3gpp.org/ftp/Specs/archive/23_series/23.140/schema/REL-6-MM7-1-4">
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      <mm7:MMSRelayServerID />
      <mm7:Sender>
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          <mm7:ShortCode>63901</mm7:ShortCode>
        </mm7:To>
      </mm7:Recipients>
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      <mm7:Subject>Hello Client</mm7:Subject>
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  boundary="-----_Part_1_504396287.1414695261748"
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Content-Disposition: inline; filename="null"
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```

## Response Example



```
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<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"
>becc3e4a6e065bd6</TransactionID>
  </soapenv:Header>
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    <ns3:DeliverRsp 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:DeliverRsp>
  </soapenv:Body>
</soapenv:Envelope>
```