





WEB BOOKING XML SPECIFICATION

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1. COMMUNICATION PROTOCOL

All the requests must be sent to a SOAP web service published in:

http://216.152.171.246/vivaCRS.svc?wsdl

The service description can be found at the quoted URL:

The operation GetProcess receives a literal (XML message, formatted according to the request: new booking, modify existing booking...) and returns another literal as an answer to the request in another XML document.

2. REQUEST SPECIFICATIONS

REQUEST	XML REQUEST MESSAGE (PROCESS TYPE)	STATUS	XML ANSWER MESSAGE (PROCESS TYPE)
	RESERVAR	ОК	RESP_RESERVAR_OK
New booking		ERROR	RESP_RESERVAR_ERROR
Modify booking	RESERVAR -	ОК	RESP_RESERVAR_OK
Modify booking		ERROR	RESP_RESERVAR_ERROR
Cancel Booking	ELIMINAR	ОК	RESP_ANULAR_OK
Cancer Booking		ERROR	RESP_ANULAR_ERROR

3. XML DEFINITIONS

3.1 NEW BOOKING REQUEST (RESERVAR)

PROCESS_TYPE: 'RESERVAR'

ID: String that identifies the booking number/voucher assigned by the web

HOTEL: Code that identifies the booked hotel

Hotel code	Hotel
MXLAH	The Beloved Hotel
MXXPM	Excellence Playa Mujeres
MXXRC	Excellence Riviera Cancún
MXXPC	Excellence Punta Cana
MXFPM	Finest Playa Mujeres

LOCALIZADOR: String that identifies the booking number/voucher assigned by the web. Same value as <ID> element.

ORIGEN: Constant string value that identifies that the booking was placed from the web. Value must be 'WEB XCL'

RESERVA:

ID_RVA: String that identifies the booking number/voucher assigned by the web. Same value as <ID> element.

FVENTA: Date that details when the booking is placed (dd/mm/yyyyy)

HOTEL: Hotel code. Same value as <HOTEL> element.

FI: Arrival date (dd/mm/yyyyy)

FF: Departure date (dd/mm/yyyy)

TTOO: Tour Operator code. **AGENCIA:** Agency code.

CLIENTE: Customer code. **CATALOGO:** The tag doesn't apply

BONO: String that identifies the booking number/voucher assigned by the web. Same value as <ID>

element.

PAGADO: The tag doesn't apply

DNI_PAGO

NOMBRE_PAGO: Name of the person placing the payment AP1_PAGO: Last name of the person placing the payment AP2_PAGO: Last name 2 of the person placing the payment

TELEFONO_PAGO: Phone number of the person placing the payment

EMAIL_PAGO: Email of the person placing the payment

HAB_LIST

HAB

RESERVANH: Booking number assigned by the hotel. For a **new booking the element**

must be void.

TIPO_HAB: Room type booked.

REG: Board booked.

FECHA_ENTRADA: Arrival date (dd/mm/yyyyy)
FECHA_SALIDA: Departure date (dd/mm/yyyyy)

HOR_LLEG: Arrival time (hh:mm:ss)
HOR_SAL: Departure time (hh:mm:ss)

AD: Number of adults JR: Number of juniors

NI: Number of children BB: Number of babies.

PROMOCION_LIST

COD_PROMOCION: Promo code, if applies. **COD_TARIFA:** Rate code, if applies

DIVISA_PREC: Currency code (USD) **TIPO PREC:** Price type

PRECIOS LIST

PRECIOS

P_FEC: Price date (dd/mm/yyyy)

P_PRE: Amount

OCUPANTES_LIST

OCUPANTES

TIPO: Guest type: AD, JR, NI or CU

NOMBRE: Guest name
APELLIDO1: Guest last name

APELLIDO2: Guest second last name, if applies.

DNI: Guest document number (Passport, ID card...)

EDAD: Guest age

EXTRAS_LIST

EXTRAS

COD_EXTRA Extra service code. Must be provided by the sales department. It's used to identify extra services such as transfers.

TIPO_EXTRA: 'HOTEL' or 'SERVICE'

CANTIDAD EXTRA: Quantity of extra services hired.

PRECIO_EXTRA: Extra service price (same currency as the hotel booking)

CARGO_UNICO: (YES/NO). The value should be 'YES' if the extra service charge should be a unique charge. If the value it's 'NO' the charge will be apply daily in the time period between the values specified in the <FECHA_DESDE_EXTRA> and

<FECHA_HASTA_EXTRA> elements.

FECHA_DESDE_EXTRA: Starting date for the extra service.

(dd/mm/yyyy)

FECHA_HASTA_EXTRA: End date of the extra service (dd/mm/yyyy). If the service applies for just one day, the value contained in <FECHA_DESDE_EXTRA> and <FECHA_HASTA_EXTRA> should be the same.

PRECIO_POR_PERSONA: (YES/NO). Price per person. Accepted values are: YES, NO. If 'YES' is selected the price of the extra service will be charged to each guest.

PRECIO_POR_CANTIDAD: (YES/NO) Price per quantity. Accepted values are: YES, NO. If the value is 'YES' the price of the extra service will be charged according to the quantity of the <CANTIDAD_EXTRA> element.

OBSERVACIONES

TEXTO: Any text describing relevant data about the room booking, or any special requirement from the customer.

```
<ROOT>
 <PROCESS_TYPE>RESERVAR</PROCESS_TYPE>
 <ID>502834446</ID>
  <HOTEL>MXFPM</HOTEL>
 <LOCALIZADOR>502834446
 <ORIGEN>WEB_EXC</ORIGEN>
 <RFSFRVA>
   <ID_RVA>502834446</ID_RVA>
   <FVENTA>01/03/2015</FVENTA>
   <HOTEL>MXFPM</HOTEL>
   <FI>10/05/2015</FI>
   <FF>17/05/2015</FF>
   <TT00>WEBEXC-USD</TT00>
   <AGENCIA>LUXCARIBE</AGENCIA>
   <CLIENTE>WEBEXC-USD</CLIENTE>
   <CATALOGO />
   <BONO>502834446</BONO>
   <PAGADO />
   <DNI_PAGO />
   <NOMBRE_PAGO>Hassan/NOMBRE_PAGO>
   <AP1_PAGO>Charara</AP1_PAGO>
   <AP2_PAGO />
   <TELEFONO_PAGO>13132071686</TELEFONO_PAGO>
   <EMAIL_PAGO>charara123@hotmail.com
   <HAB_LIST>
        <RESERVANH />
        <TIPO_HAB>JUNIORTR</TIPO_HAB>
       <REG>AI</REG>
       <FECHA_ENTRADA>10/05/2015</FECHA_ENTRADA>
       <FECHA_SALIDA>17/05/2015</FECHA_SALIDA>
       <HOR_LLEG>04:00:00
       <HOR_SAL />
        <AD>2</AD>
       <JR>0</JR>
       <NI>0</NI>
       <BB>0</BB>
       <PROMOCION_LIST>
         <COD_PROMOCION>FPMU3</COD_PROMOCION>
        </PROMOCION_LIST>
       <COD TARIFA>USARO</COD TARIFA>
        <DIVISA_PREC>USD</DIVISA_PREC>
       <TIPO_PREC>M</TIPO_PREC>
       <PRECIOS_LIST>
         <PRECIOS>
            <P_FEC>10/05/2015</P_FEC>
            <P_PRE>427</P_PRE>
         </PRECIOS>
         <PRECIOS>
            <P FEC>11/05/2015</P FEC>
            <P_PRE>427</P_PRE>
          </PRECIOS>
         <PRECIOS>
            <P_FEC>12/05/2015</P_FEC>
            <P_PRE>427</P_PRE>
         </PRECIOS>
         <PRECIOS>
            <P_FEC>13/05/2015</P_FEC>
            <P_PRE>427</P_PRE>
         </PRECIOS>
         <PRECIOS>
            <P_FEC>14/05/2015</P_FEC>
            <P_PRE>427</P_PRE>
          </PRECIOS>
         <PRECIOS>
            <P_FEC>15/05/2015</P_FEC>
            <P_PRE>427</P_PRE>
         </PRECIOS>
         <PRECIOS>
            <P_FEC>16/05/2015</P_FEC>
```

```
<P_PRE>427</P_PRE>
          </PRECIOS>
        </precios_List>
        <OCUPANTES_LIST>
          <OCUPANTES>
            <TIPO>AD</TIPO>
            <NOMBRE>Hassan</NOMBRE>
            <aPELLIDO1>Charara</aPELLIDO1>
            <APELLIDO2 />
            <DNI />
            <MAIL>charara123@hotmail.com</MAIL>
            <EDAD>0</EDAD>
          </OCUPANTES>
          <OCUPANTES>
            <TIPO>AD</TIPO>
            <NOMBRE />
            <APELLID01>Charara</APELLID01>
            <APELLIDO2 />
            <DNI />
            <EDAD>0</EDAD>
          </OCUPANTES>
        </OCUPANTES_LIST>
        <EXTRAS_LIST />
        <OBSERVACIONES>
         <TEXTO>CUSTROOMCODE 200739356 4: This is for a Honeymoon, guest wanted a more private
rooftop room. Thanks 2.1: Non-Smoking 1.14: 1 king bed</TEXTO>
        </OBSERVACIONES>
      </HAB>
    </HAB LIST>
  </RESERVA>
</ROOT>
```

3.2 NEW BOOKING CONFIRMATION (RESP_RESERVAR_OK)

PROCESS_TYPE: 'RESP_RESERVAR_OK'

ID: String that identifies the booking number/voucher assigned by the web.

USUARIO: PMS user code (refers to an unattended account)

RESERVA

```
HOTEL: Hotel code.

ID_RVA: String that identifies the booking number/voucher assigned by the web.

TTOO: Tour Operator code.

AGENCIA: Agency code

CLIENTE: Customer code.

HAB_LIST

HAB

AÑO: Year (yyyy)

RESERVA_NH: Booking code assigned by the hotel.
```

DESGLOSE: Breakdown code.

Note:

The hotel booking number is the combination of AÑO (year) – RESERVA_NH (Booking code) – DESGLOSE (Breakdown code). Each room contained in the booking should be assigned with a different combination of these three values.

```
<PROCESS_TYPE>RESP_RESERVAR_OK
  <ID>502834446</ID>
  <USUARIO>NAS</USUARIO>
  <RESERVA>
    <HOTEL>MXFPM</HOTEL>
    <ID RVA>502834446</ID RVA>
   <TTOO>WEBEXC-USD</TTOO>
    <AGENCIA>LUXCARIBE</AGENCIA>
    <CLIENTE>WEBEXC-USD</CLIENTE>
    <BONO>502834446</BONO>
    <HAB_LIST>
       <AÑO>2015</AÑO>
       <RESERVA_NH>8171/RESERVA_NH>
       <DESGLOSE>1</DESGLOSE>
     </HAB>
    </HAB_LIST>
  </RESERVA>
</ROOT>
```

3.3 NEW BOOKING ERROR (RESP_RESERVAR_ERROR)

```
PROCESS_TYPE: 'RESP_RESERVAR_ERROR'
ID: String that identifies the booking number/voucher assigned by the web.
USUARIO: PMS user code (refers to an unattended account)
HOTEL: Hotel code
TTOO: Tour Operator code.
AGENCIA: Agency code.
CLIENTE: Customer code.
BONO: Same value as the 'ID' element.
ERROR: Text describing the error
Example:
<ROOT>
  <PROCESS_TYPE>RESP_RESERVAR_ERROR
  <ID>1697279-2</ID>
  <USUARIO>NAS</USUARIO>
  <HOTEL>MXXPM</HOTEL>
  <TT00>WEBEXC</TT00>
  <AGENCIA>WEBEXC</AGENCIA>
  <CLIENTE />
  <BONO>1697279-2</BONO>
  <ERROR>El TTOO WEBEXC no existe.
</ROOT>
```

3.4 MODIFY BOOKING REQUEST

To modify an existing booking the XML document should be the same used in the booking process. The only difference is that the document should specify the hotel booking number in the element <RESERVANH>

The formatted value should be: AÑO (year) # RESERVA_NH (Booking code)# DESGLOSE (Breakdown code):

<RESERVANH>2015#8793#1</RESERVANH>

```
<ROOT>
 <PROCESS_TYPE>RESERVAR
 <ID>12RTR2</ID>
 <HOTEL>RDXPC</HOTEL>
 <LOCALIZADOR>12RTR2
 <ORIGEN>WEB EXC
 <RESERVA>
   <ID_RVA>12RTR2</ID_RVA>
   <FVENTA>18/03/2015</FVENTA>
   <HOTEL>RDXPC</HOTEL>
   <FI>27/05/2015</FI>
   <FF>31/05/2015</FF>
   <TT00>WEBEXC-USD</TT00>
   <AGENCIA>CARRIBEAN</AGENCIA>
   <CLIENTE>WEBEXC-USD</CLIENTE>
   <CATALOGO />
   <BONO>12RTR2</BONO>
   <PAGADO />
   <DNI PAGO />
   <NOMBRE_PAGO>Kelly</NOMBRE_PAGO>
```

```
<AP1_PAGO>Senn</AP1_PAGO>
    <AP2_PAGO />
    <EMAIL_PAGO />
    <HAB_LIST>
      <HAB>
        <RESERVANH>2015#8793#1</RESERVANH>
        <TIPO_HAB>JUNIORST</TIPO_HAB>
        <REG>AI</REG>
        <FECHA_ENTRADA>27/05/2015</FECHA_ENTRADA>
        <FECHA SALIDA>31/05/2015</FECHA SALIDA>
        <HOR_LLEG>04:00:00
        <HOR_SAL />
        <AD>3</AD>
        <JR>0</JR>
        <NI>0</NI>
        <BB>0</BB>
        <PROMOCION_LIST>
          <COD_PROMOCION>PCU21</COD_PROMOCION>
        </PROMOCION_LIST>
        <COD_TARIFA>USARO</COD_TARIFA>
        <DIVISA_PREC>USD</DIVISA_PREC>
        <TIPO_PREC>M</TIPO_PREC>
        <PRECIOS LIST>
          <PRECIOS>
            <P_FEC>27/05/2015</P_FEC>
            <P_PRE>395,25</P_PRE>
          </PRECIOS>
          <PRECIOS>
            <P_FEC>28/05/2015</P_FEC>
            <P_PRE>395,25</P_PRE>
          </PRECIOS>
          <PRECIOS>
            <P_FEC>29/05/2015</P_FEC>
            <P_PRE>395,25</P_PRE>
          </PRECIOS>
          <PRECIOS>
            <P FEC>30/05/2015</P FEC>
            <P_PRE>395,25</P_PRE>
          </PRECIOS>
        </PRECIOS_LIST>
        <OCUPANTES_LIST>
          <OCUPANTES>
            <TIPO>AD</TIPO>
            <NOMBRE>Kelly</NOMBRE>
            <APELLID01>Senn</APELLID01>
            <APELLIDO2 />
            <DNI />
            <EDAD>0</EDAD>
          </OCUPANTES>
          <OCUPANTES>
            <TIPO>AD</TIPO>
            <NOMBRE />
            <APELLID01>Senn</APELLID01>
            <APELLIDO2 />
            <DNI />
            <EDAD>0</EDAD>
          </OCUPANTES>
          <OCUPANTES>
            <TIPO>AD</TIPO>
            <NOMBRE />
            <APELLID01>Senn</APELLID01>
            <APELLIDO2 />
            <DNI />
            <EDAD>0</EDAD>
          </OCUPANTES>
        </OCUPANTES_LIST>
        <EXTRAS LIST />
        <OBSERVACIONES>
          <TEXTO>CUSTROOMCODE 14091 Non-smoking</TEXTO>
        </OBSERVACIONES>
      </HAB>
    </HAB_LIST>
  </RESERVA>
</ROOT>
```

3.5 MODIFY BOOKING CONFIRMATION

PROCESS_TYPE: 'RESP_RESERVAR_OK'

ID: String that identifies the booking number/voucher assigned by the web.

USUARIO: PMS user code (refers to an unattended account)

RESERVA

```
HOTEL: Hotel code.

ID_RVA: String that identifies the booking number/voucher assigned by the web TTOO: Tour Operator code.

AGENCIA: Agency code

CLIENTE: Customer code.

HAB_LIST

HAB

AÑO: Year (yyyy).

RESERVA_NH: Booking code assigned by the hotel.

DESGLOSE: Breakdown code.
```

Note:

If the booking modification implies a change in the rates a new hotel booking number will be assigned and detailed in the modify booking confirmation message

```
<R00T>
 <PROCESS_TYPE>RESP_RESERVAR_OK
 <ID>12RTR2</ID>
 <USUARIO>nas</USUARIO>
 <RESERVA>
   <HOTEL>RDXPC</HOTEL>
   <ID_RVA>12RTR2</ID RVA>
   <TT00>WEBEXC-USD</TT00>
   <AGENCIA>CARRIBEAN</AGENCIA>
   <CLIENTE>WEBEXC-USD</CLIENTE>
   <BONO>12RTR2</BONO>
   <HAB_LIST>
     <HAB>
       <AÑO>2015</AÑO>
       <RESERVA_NH>8793</RESERVA_NH>
       <DESGLOSE>1</DESGLOSE>
     </HAB>
   </HAB_LIST>
 </RESERVA>
</ROOT>
```

3.6 MODIFY BOOKING ERROR

PROCESS_TYPE: 'RESP_RESERVAR_ERROR'

ID: String that identifies the booking number/voucher assigned by the web.

USUARIO: PMS user code (refers to an unattended account)

HOTEL: Hotel code

TTOO: Tour Operator code.

AGENCIA: Agency code.

CLIENTE: Customer code.

BONO: Same value as the 'ID' element.

ERROR: Text describing the error

```
<ROOT>
  <PROCESS_TYPE>RESP_RESERVAR_ERROR</PROCESS_TYPE>
  <ID>1697279-2</ID>
  <USUARIO>NAS</USUARIO>
  <HOTEL>MXXPM</HOTEL>
  <TTOO>WEBEXC</TTOO>
  <AGENCIA>WEBEXC</AGENCIA>
  <CLIENTE />
  <BONO>1697279-2</BONO>
  <ERROR>EI TTOO WEBEXC no existe.</ERROR>
</ROOT>
```

3.7 CANCEL BOOKING REQUEST (ELIMINAR)

To cancel an existing booking the XML document should be the same used in the booking process. The only difference is that the value on the <PROCESS_TYPE> element should be 'ELIMINAR'

<PROCESS TYPE>ELIMINAR</PROCESS TYPE>

```
<ROOT>
  <PROCESS_TYPE>ELIMINAR</PROCESS_TYPE>
  <ID>474455483</ID>
  <HOTEL>MXXPM</HOTEL>
  <LOCALIZADOR>474455483</LOCALIZADOR>
  <ORIGEN>WEB_EXC</ORIGEN>
  <RESERVA>
    <ID RVA>474455483</ID RVA>
    <FVENTA>18/11/2014</FVENTA>
    <HOTEL>MXXPM</HOTEL>
    <FI>17/04/2015</FI>
    <FF>20/04/2015</FF>
    <TT00>WEBEXC-USD</TT00>
    <AGENCIA>LUXCARIBE</AGENCIA>
    <CLIENTE>WEBEXC-USD</CLIENTE>
    <CATALOGO />
    <BONO>474455483</BONO>
    <PAGADO />
    <DNI PAGO />
    <NOMBRE_PAGO>Sharon/NOMBRE_PAGO>
    <AP1_PAGO>Marks</AP1_PAGO>
    <AP2 PAGO />
    <TELEFONO_PAGO>117139566015</TELEFONO_PAGO>
    <EMAIL_PAGO />
    <HAB_LIST>
      <HAB>
        <RESERVANH>2015#273#1</RESERVANH>
        <TIPO HAB>JUNIORST</TIPO_HAB>
        <REG>AI</REG>
        <FECHA_ENTRADA>17/04/2015</FECHA_ENTRADA>
        <FECHA_SALIDA>20/04/2015</FECHA_SALIDA>
        <HOR_LLEG>04:00:00
        <HOR_SAL />
        <AD>1</AD>
        <JR>0</JR>
        <NI>0</NI>
        <BB>0</BB>
        <PROMOCION_LIST>
          <COD_PROMOCION>PMU15</COD_PROMOCION>
        </PROMOCION_LIST>
        <COD_TARIFA>USARO</COD_TARIFA>
        <DIVISA PREC>USD</DIVISA PREC>
        <TIPO_PREC>M</TIPO_PREC>
        <PRECIOS_LIST>
          <PRECIOS>
            <P_FEC>17/04/2015</P_FEC>
            <P_PRE />
          </PRECIOS>
          <PRECIOS>
            <P_FEC>18/04/2015</P_FEC>
            <P_PRE>,00</P_PRE>
          </PRECIOS>
          <PRECIOS>
            <P_FEC>19/04/2015</P_FEC>
            <P_PRE>,00</P_PRE>
          </PRECIOS>
        </PRECIOS LIST>
        <OCUPANTES LIST>
          <OCUPANTES>
            <TIPO>AD</TIPO>
            <NOMBRE>Sharon</NOMBRE>
            <APELLID01>Marks</a>
            <APELLIDO2 />
```

3.8 CANCEL BOOKING CONFIRMATION (RESP_ANULAR_OK)

PROCESS_TYPE: 'RESP_ANULAR_OK'

ID: String that identifies the booking number/voucher assigned by the web.

USUARIO: PMS user code (refers to an unattended account)

HOTEL: Hotel code

TTOO: Tour Operator code.

AGENCIA: Agency code.

CLIENTE: Customer code.

BONO: Same value as the 'ID' element.

3.9 CANCEL BOOKING ERROR (RESP_ANULAR_ERROR)

PROCESS_TYPE: 'RESP_ANULAR_ERROR'

ID: String that identifies the booking number/voucher assigned by the web.

USUARIO: PMS user code (refers to an unattended user account)

HOTEL: Hotel code

TTOO: Tour Operator code.

AGENCIA: Agency code.

CLIENTE: Customer code.

BONO: Same value as the 'ID' element.

TIPO_RESP: Constant value 'ERROR'

ERROR: Text describing the error