



# Guest Self Service Specification 2012A

**Version 1.0.6**

**11 May 2012**

This specification includes minor updates to a previous version and is therefore not in the current HTNG specification template.

#### About HTNG

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## 1 Revision History

Revision	Description	Date	Author
0.1	Initial submission	May 25, 2007	TAC GmbH
0.2	Added template types: Activity, Dining, Retail, GiftCertificate Unified and extended messages: TemplateCategory, TemplateInfo, Availability, Sale, FetchBooking	June 11, 2007	TAC GmbH
0.3	New message: PaymentCondition for prepayments and cancellations	June 18, 2007	TAC GmbH
0.4	Profile management by SGI spec, remove header of each example, minor changes (Attribute names, ..)	September 24, 2007	TAC GmbH
0.5	Add table to each message for details like Data Type, Use, Comments, ... Add global schema elements. TemplateCategory: Rank -> Order TemplateInfo: One generic template with type attribute, Prices -> optional, Duration -> optional, MediaPath -> MediaURI, MediaFormat: MIME type PaymentCondition: New element Value with attribute type, instead of FixPrice and Percentage element. unit Attribute for: CancellationWindow, Duration, StartInterval, MinimumInAdvance, MaximumInAdvance	October 24, 2007	TAC GmbH
0.6	New self service frontend roles	November 2, 2007	TAC GmbH
0.7	Use datatype duration instead of TimeUnitType TemplateInfo: Rename Links to RelatedItems and new relatedItemType added; Multiple taxes added PaymentCondition: DueDate added; two new payment condition types: FULLPAYMENT, BALANCEPAYMENT; Taxes added; Currency for payment condition value added	November 12, 2007	TAC GmbH

	Availability: Use of generic preferences with several types; availabilityType added; Complete profile instead of profileIDs.		
0.8	Create request: Add PaymentGuarantee -> Credit card or reservation	November 19, 2007	TAC GmbH
0.9	Sale and Create: Use PaymentIdentification element for Create(PaymentGuarantee) and for Sale (PaymentInformation). Sale: Description text for ShippingCostItem element. Sale response: ReceiptImage added. BookingIdentification element: Remark added.	December 6, 2007	TAC GmbH

0.91	TemplateInfo: New template type SHIPPINGCOSTS. Sale: TemplateID to ShippingCostItem added. Availability/Create: Element ModifyBookingIDs added to modify existing bookings. Changes to FetchBookingRequest/Response (Additional filter, Preferences, PreferredResources, ...)	December 11, 2007	TAC GmbH
0.92	TemplateInfo: Element Note added for Instructions Availability element: Price -> optional for dining FetchBookingResponse: Optional element Remark added GiftCertificateIdentification: VerificationCode added New message: FetchGiftCertificate	December 19, 2007	TAC GmbH
0.93	New URI: <a href="http://htng.org/PWS/2008A/GuestSelfService">http://htng.org/PWS/2008A/GuestSelfService</a>	January 21, 2008	TAC GmbH
1.00	Added new optional attributes "preferenceType" and "preferred" to Resource	August 19, 2008	TAC GmbH
1.0.1	New URI: <a href="http://htng.org/PWS/2008B/GuestSelfService">http://htng.org/PWS/2008B/GuestSelfService</a>	August 26, 2008	TAC GmbH
1.0.2	Add BookingLifetime and ResultsLimit elements to Availability. Add new optional sub-element Person to Resource nodes. Add new required element TemplateIDs to FetchBookingResponse Remarks added to Availability, Create and FetchBookingResponse..	January 16, 2009	David Andrews, Ryatta Group Consulting
1.0.3	Remove the Person element and roll gender attribute into the Resource element and modify the Resource definition as appropriate. Remove examples showing multiple TemplateIDs in AvailabilityRequests	January 27, 2009	David Andrews, Ryatta Group Consulting
1.0.4	Allow multiple availability requests for different templates within one availability request message.	March 26, 2009	Bernhard Rappold, TAC GmbH
1.05	Availability response: Change BookingIDs from required to optional	April 6, 2009	Bernhard Rappold, TAC GmbH
1.0.59	Reviewed and ratified by HTNG Governance Council-appointed team and membership	November 2011	
1.0.6	Included in HTNG 2012A general release	11 May 2012	

## 2 Introduction

Global schema elements used in more than one message are included in the Global Schema Elements section of this document and marked with **green** color.

All data types, which are defined in the Single Guest Itinerary specification and used in this document, are marked with **blue** color and listed here:

- Profile
- PersonName
- Text
- Amount
- UniqueIDList
- ResultStatus
- OGTimeSpan
- PersonName
- NameMembership

Abbreviations in this document:

SSF ... Self Service Frontend

Roles:

WS ... Web site

HSIA ... High speed internet access

VOD ... Video on demand

KIOSK ... Kiosk

CMS ... Content managing system

SSS ... Services Scheduling System

### 3 HTTP / SOAP

Communication between SSF and SSS takes place through HTTP requests and their responses.

The XML data structure corresponds to the structure used with permanent connection but with the data being enclosed in a SOAP envelope.

All messages must include a soap header that conforms to the WSAddressing and WSSecurity specifications. Receiving systems may optionally require that the `wsa:To` element match a specific destination address, and therefore, this element should be configurable at run time. In addition, all sending systems must identify themselves by specifying a `wsa:From` element unique for their system. Typically, this is in the form of "URN:<system>". The `wsa:ReplyTo` address may be the anonymous form described in the August, 2004 specification.

WSSecurity may be optionally implemented. Providers are only required to support basic plain text authentication with a username and password. The user credentials will be limited to a single login per system, agreed between two vendors. There is no requirement to support multiple user logins from a single vendor through this interface.



## Sample Header Message

```
<soap:Header>
  <wsa:Action>http://htng.org/PWS/2008B/GuestSelfService#TemplateCategory</wsa:Action>
  <wsa:MessageID>urn:uuid:11f46e88-8d20-6e65-3812-da0a786a90ef</wsa:MessageID>
  <wsa:ReplyTo>
    <wsa:Address>http://schemas.xmlsoap.org/ws/2004/08/addressing/role/anonymous</wsa:Address>
  </wsa:ReplyTo>
  <wsa:To>urn:TAC</wsa:To>
  <wsa:From>
    <wsa:Address>urn:ES</wsa:Address>
  </wsa:From>
  <wsse:Security soap:mustUnderstand="1">
    <wsu:Timestamp wsu:Id="Timestamp-97134fd8-7d8f-bc2c-14d0-9e8197fdc7e9">
      <wsu:Created>2007-05-14T07:51:15Z</wsu:Created>
      <wsu:Expires>2007-05-14T08:51:15Z</wsu:Expires>
    </wsu:Timestamp>
    <wsse:UsernameToken wsu:Id="SecurityToken-02115bec-7c32-1f79-c71c-0045929720ff">
      <wsse:Username>HTNG</wsse:Username>
      <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">HTNG</wsse:Password>
      <wsse:Nonce>YymhH1FQrrxNkmid6cMrJQ==</wsse:Nonce>
      <wsse:Created>2007-05-14T07:51:15Z</wsse:Created>
    </wsse:UsernameToken>
  </wsse:Security>
</soap:Header>
```

All further examples are shown space saving, without SOAP envelope and without namespace declarations.

## 4 Profile Management

(SSS · SSF)

The guest self service interface uses the already defined profile management of the Single Guest Itinerary specification.

To avoid duplicate guest profiles, the UpdateProfile request can be used without ProfileIDs. When the ProfileIDs element is missing, the receiving system has to check by lastname, firstname, etc., if the guest already exists or not.

For further details we refer to the SGI specification.

## 5 Definition TemplateCategory

(SSF • SSS)

This request is used to retrieve template categories. The template categories can be used to group the templates in the SSF.

<b>Soap Action</b>	http://htng.org/PWS/2008B/GuestSelfService#TemplateCategory
--------------------	---

### *Request:*

TemplateCategoryRequest				
Name	Type	Data Type	Use	Comments
TemplateCategoryIDs	element	<a href="#">UniqueIDList</a>	optional	ID of the template category. If this tag is missing, then all template categories will be returned.

### *Response:*

TemplateCategoryResponse				
Name	Type	Data Type	Use	Comments
Result	element	<a href="#">ResultStatus</a>	required	Result.
TemplateCategories	element	TemplateCategoryList	optional	Collection of template categories.

TemplateCategoryList				
Name	Type	Data Type	Use	Comments
TemplateCategory	element	TemplateCategory	option- al/multiple	Template category.

TemplateCategory				
Name	Type	Data Type	Use	Comments
TemplateCategoryIDs	element	UniqueIDList	required	IDs of the template category
Name	element	Text	re- quired/multipl e	Name of the template category.
Order	element	unsignedInt	optional	A low order is before a high order.

Example: Request to get all template categories

[Request]

```
<TemplateCategoryRequest>
</TemplateCategoryRequest>
```

[Response]

```
<TemplateCategoryResponse>
<Result resultStatusFlag="SUCCESS" />
<TemplateCategories>
  <TemplateCategory>
    <TemplateCategoryIDs>
      <UniqueID source="TAC">1</UniqueID>
    </TemplateCategoryIDs>
    <Name language="en">Massage</Name>
    <Name language="de">Massagen</Name>
    <Order>2</Order>
  </TemplateCategory>
  <TemplateCategory>
    <TemplateCategoryIDs>
      <UniqueID source="TAC">2</UniqueID>
    </TemplateCategoryIDs>
    <Name language="en">Baths</Name>
    <Name language="de">Bäder</Name>
    <Order>3</Order>
  </TemplateCategory>
  <TemplateCategory>
    <TemplateCategoryIDs>
      <UniqueID source="TAC">3</UniqueID>
    </TemplateCategoryIDs>
    <Name language="en">Sport</Name>
    <Name language="de">Sport</Name>
  </TemplateCategory>
</TemplateCategories>
```

```
        <Order>1</Order>
    </TemplateCategory>
    <TemplateCategory>
        <TemplateCategoryIDs>
            <UniqueID source="TAC">4</UniqueID>
        </TemplateCategoryIDs>
        <Name language="en">Golf</Name>
        <Name language="de">Golf</Name>
        <Order>4</Order>
    </TemplateCategory>
    <TemplateCategory>
        <TemplateCategoryIDs>
            <UniqueID source="TAC">5</UniqueID>
        </TemplateCategoryIDs>
        <Name language="en">Retail</Name>
        <Name language="de">Produkte</Name>
        <Order>5</Order>
    </TemplateCategory>
    <TemplateCategory>
        <TemplateCategoryIDs>
            <UniqueID source="TAC">7</UniqueID>
        </TemplateCategoryIDs>
        <Name language="en">Gift certificates</Name>
        <Name language="de">Gutscheine</Name>
        <Order>6</Order>
    </TemplateCategory>
</TemplateCategories>
</TemplateCategoryResponse>
```

## 6 Definition TemplateInfo

(SSF • SSS)

This request is used to retrieve one or more templates. If no filter is set, all templates will be requested. A template must have one of the following types:

- ACTIVITY
- DINING
- RETAIL
- GIFTCERTIFICATE
- SHIPPINGCOSTS

<b>Soap Action</b>	http://htng.org/PWS/2008B/GuestSelfService#TemplateInfo
--------------------	---

### *Request:*

TemplateInfoRequest				
Name	Type	Data Type	Use	Comments
TemplateIds	element	<a href="#">UniqueIDList</a>	optional	IDs of the template.
Type	element	string	optional	Type of the template. (possible values: ACTIVITY, DINING, RETAIL, GIFTCERTIFICATE, SHIPPINGCOSTS)
ResortId	element	string	optional	Property code.

**Response:**

The response delivers all templates, which applies to the given filter criteria.

TemplateInfoResponse				
Name	Type	Data Type	Use	Comments
Result	element	<a href="#">ResultStatus</a>	required	Result.
Templates	element	TemplateList	optional	Collection of the found templates.

TemplateList				
Name	Type	Data Type	Use	Comments
Template	element	Template	optional/multiple	Template.

Template				
Name	Type	Data Type	Use	Comments
type	attribute	string	required	Type of the template. (possible values: ACTIVITY, DINING, RETAIL, GIFTCERTIFICATE, SHIPPINGCOSTS)
TemplateIDs	element	<a href="#">UniqueIDList</a>	required	IDs of the template.
Name	element	<a href="#">Text</a>	required/multiple	Name of the template.
TemplateCategories	element	TemplateCategoryList	required	List of template categories. At least one template category must be assigned.
ValidFrom	element	date	optional	Start of the validity period of the template
ValidUntil	element	date	optional	End of the validity period of the template
Description	element	<a href="#">Text</a>	optional/multiple	Detailed description of the template
Note	element	<a href="#">Text</a>	optional	Additional notes about the template.

			al/multiple	Can be used for e.g. instructions, ...
Prices	element	PriceList	optional	Contains information about the possible prices.
RelatedItems	element	RelatedItemList	optional	The related items can be used to promote templates or template categories, which are in relation with this template.
Media	element	Media	optional	Media of the template. For example: image, pdf, ...
<b>Extended elements for Activities</b>				
Location	element	string	optional	Location of the template.
AlternativeLocations	element	AlternativeLocationList	optional	List of alternative locations, where this template is also available.
MinimumInAdvanceBookings	element	duration	optional	It is only possible to book this template before this offset, which is calculated from now to the starting point of the booking.
MaximumInAdvanceBookings	element	duration	optional	It is only possible to book this template after this offset, which is calculated from now to the starting point of the booking.
PaymentConditions	element	LinkedPaymentConditionList	optional	Payment conditions of the template. A template can have multiple payment conditions.
AvailableResources	element	ResourceList	optional	All available resources for the template are listed. These resources can be used in requests to define preferred resources.
StartTime	element	string	optional	The booking must be between the Start- and EndTime.
EndTime	element	string	optional	The booking must be between the Start- and EndTime.
StartInterval	element	duration	optional	For example: The Starttime = 08:00, EndTime = 10:00 and the StartInterval = 30 minutes: Possible



				starts for bookings in this case are: 08:00, 08:30, 09:00, 09:30, 10:00
ActivityType	element	string	optional	ActivityType of the template. (e.g. Massage, Golf, ..)
Duration	element	duration	optional	Duration of the template.
<b>Extended elements for Dining</b>				
Location	element	string	optional	Location of the template.
AlternativeLocations	element	AlternativeLocationList	optional	List of alternative locations, where this template is also available.
MinimumInAdvanceBookings	element	duration	optional	It is only possible to book this template before this offset, which is calculated from now to the starting point of the booking.
MaximumInAdvanceBookings	element	duration	optional	It is only possible to book this template after this offset, which is calculated from now to the starting point of the booking.
PaymentConditions	element	LinkedPaymentConditionList	optional	Payment conditions of the template. A template can have multiple payment conditions.
AvailableResources	element	ResourceList	optional	All available resources for the template are listed. These resources can be used in requests to define preferred resources.
StartTime	element	string	optional	The booking must be between the Start- and EndTime.
EndTime	element	string	optional	The booking must be between the Start- and EndTime.
StartInterval	element	duration	optional	For example: The Starttime = 08:00, EndTime = 10:00 and the StartInterval = 30 minutes: Possible starts for bookings in this case are: 08:00, 08:30, 09:00, 09:30, 10:00

<b>Extended elements for GiftCertificate</b>				
MinimumInAdvanceBookings	element	duration	optional	It is only possible to book this template before this offset, which is calculated from now to the starting point of the booking.
MaximumInAdvanceBookings	element	duration	optional	It is only possible to book this template after this offset, which is calculated from now to the starting point of the booking.
DateSelection	element	unsignedInt	optional	0 ... default; 1 ... when the gift certificate is selected a date must be selected (check contingents)
GiftCertificateType	element	string	optional	Type of gift certificate: HOTEL,SERVICE,VALUE,...
GiftCertificatePrintName	element	Text	optional/multiple	Additional name, which can be printed on the gift certificate.
GiftCertificatePrintText1	element	Text	optional/multiple	Additional text, which can be printed on the gift certificate.
GiftCertificatePrintText2	element	Text	optional/multiple	Additional text, which can be printed on the gift certificate.
GiftCertificatePrintText3	element	Text	optional/multiple	Additional text, which can be printed on the gift certificate.
<b>Extended elements for Retail</b>				
Weight	element	double	optional	Weight of the retail product, for calculating the shipping costs
Stock	element	Int	optional	Quantity of retail product, which are in stock.

<b>AlternativeLocationList</b>				
<b>Name</b>	<b>Type</b>	<b>Data Type</b>	<b>Use</b>	<b>Comments</b>
AlternativeLocation	element	string	optional	Name of the location.

			al/multiple	
--	--	--	-------------	--

LinkedPaymentConditionList				
Name	Type	Data Type	Use	Comments
PaymentConditionIDs	element	UniqueIDList	option-al/multiple	IDs of the payment condition.

PriceList				
Name	Type	Data Type	Use	Comments
Price	element	Price	option-al/multiple	One possible price of the template.

Price				
Name	Type	Data Type	Use	Comments
Name	element	Text	option-al/multiple	Name of the price.
Price	element	Amount	optional	Gross price of the template.
Taxes	element	TaxList	optional	Taxes of this price.
Description	element	Text	option-al/multiple	Detailed description for this price.

RelatedItemList				
Name	Type	Data Type	Use	Comments
RelatedTemplateCategories	element	RelatedTemplateCategoryList	optional	Related template categories.
RelatedTemplates	element	RelatedTemplateList	optional	Related templates.

RelatedTemplateCategoryList				
Name	Type	Data Type	Use	Comments
RelatedTemplateCategory	element	RelatedTemplateCategory	option- al/multiple	Template category with related item type.

RelatedTemplateCategory				
Name	Type	Data Type	Use	Comments
relatedItemType	attribute	string	optional	There are at least 3 possible types – UPSELL, CROSSELL and ALTERNATE.
TemplateCategoryIDs	element	<a href="#">UniqueIDList</a>	required	IDs of the template category.

RelatedTemplateList				
Name	Type	Data Type	Use	Comments
RelatedTemplate	element	RelatedTemplate	option- al/multiple	Template with related item type.

RelatedTemplate				
Name	Type	Data Type	Use	Comments
relatedItemType	attribute	string	optional	There are at least 3 possible types – UPSELL, CROSSELL and ALTERNATE.
TemplateIDs	element	<a href="#">UniqueIDList</a>	required	IDs of the template.

TemplateCategoryList				
Name	Type	Data Type	Use	Comments
TemplateCategoryIDs	element	<a href="#">UniqueIDList</a>	option- al/multiple	List of template category IDs.

Example: Request to get all templates of the property HOTELB

[Request]

```
<TemplateInfoRequest>
  <ResortId>HOTELB</ResortId>
</TemplateInfoRequest>
```

[Response]

```
<TemplateInfoResponse>
  <Result resultStatusFlag="SUCCESS" />
  <Templates>
    <Template type="ACTIVITY">
      <TemplateIDs>
        <UniqueID source="TAC">123</UniqueID>
      </TemplateIDs>
      <Name language="en">Full body massage</Name>
      <Name language="de">Ganzkörpermassage</Name>
      <TemplateCategories>
        <TemplateCategoryIDs>
          <UniqueID source="TAC">1</UniqueID>
        </TemplateCategoryIDs>
      </TemplateCategories>
      <Location>Spa</Location>
      <AlternativeLocations>
        <AlternativeLocation>Beachfront Spa</AlternativeLocation>
      </AlternativeLocations>
      <ValidFrom>2001-01-01</ValidFrom>
      <ValidUntil>2009-12-31</ValidUntil>
      <MinimumInAdvanceBookings>P0Y0M2D</MinimumInAdvanceBookings>
      <MaximumInAdvanceBookings>P0Y0M180D</MaximumInAdvanceBookings>
      <Description language="en">Massage for the full body.</Description>
      <Description language="de">Massage für den ganzen Körper.</Description>
      <PaymentConditions>
        <PaymentConditionIDs>
          <UniqueID source="TAC">1</UniqueID>
        </PaymentConditionIDs>
        <PaymentConditionIDs>
          <UniqueID source="TAC">3</UniqueID>
        </PaymentConditionIDs>
      </PaymentConditions>
      <Prices>
        <Price>
          <Name language="en">Full body massage</Name>
          <Name language="de">Ganzkörpermassage</Name>
          <Price currencyCode="USD">130.5</Price>
          <Taxes>
```

```

    <Tax>
      <TaxName>10%</TaxName>
      <TaxRate>10</TaxRate>
      <TaxAmount>11.86</TaxAmount>
    </Tax>
  </Taxes>
  <Description language="en">Message for the full body.</Description>
  <Description language="de">Message für den ganzen Körper.</Description>
</Price>
<Price>
  <Name language="en">Full body massage - Holiday</Name>
  <Name language="de">Ganzkörpermassage - Feiertag</Name>
  <Price currencyCode="USD">150</Price>
  <Taxes>
    <Tax>
      <TaxName>10%</TaxName>
      <TaxRate>10</TaxRate>
      <TaxAmount>13.64</TaxAmount>
    </Tax>
  </Taxes>
  <Description language="en">Message for the full body.</Description>
  <Description language="de">Message für den ganzen Körper.</Description>
</Price>
</Prices>
<AvailableResources>
  <Resource category="Providers" gender="Male">John Miller</Resource>
  <Resource category="Providers" gender="Female">Lucy Banner</Resource>
  <Resource category="Providers" gender="Male">Jack Edwards</Resource>
  <Resource category="Facilities">Massage Room</Resource>
  <Resource category="Facilities">Room 10</Resource>
  <Resource category="Facilities" gender="Female">Room 12</Resource>
</AvailableResources>
<RelatedItems>
  <RelatedTemplateCategories>
    <RelatedTemplateCategory relatedItemType="UPSELL">
      <TemplateCategoryIDs>
        <UniqueID source="TAC">1</UniqueID>
      </TemplateCategoryIDs>
    </RelatedTemplateCategory>
    <RelatedTemplateCategory relatedItemType="UPSELL">
      <TemplateCategoryIDs>
        <UniqueID source="TAC">2</UniqueID>
      </TemplateCategoryIDs>
    </RelatedTemplateCategory>
    <RelatedTemplateCategory relatedItemType="UPSELL">
      <TemplateCategoryIDs>
        <UniqueID source="TAC">3</UniqueID>
      </TemplateCategoryIDs>
    </RelatedTemplateCategory>
    <RelatedTemplateCategory relatedItemType="UPSELL">

```

```

        <TemplateCategoryIDs>
          <UniqueID source="TAC">4</UniqueID>
        </TemplateCategoryIDs>
      </RelatedTemplateCategory>
    </RelatedTemplateCategories>
    <RelatedTemplates>
      <RelatedTemplate relatedItemType="ALTERNATE">
        <TemplateIDs>
          <UniqueID source="TAC">124</UniqueID>
        </TemplateIDs>
      </RelatedTemplate>
      <RelatedTemplate relatedItemType="ALTERNATE">
        <TemplateIDs>
          <UniqueID source="TAC">125</UniqueID>
        </TemplateIDs>
      </RelatedTemplate>
    </RelatedTemplates>
  </RelatedItems>
  <ActivityType>Spa Massage</ActivityType>
  <Duration>P0Y0M0DT0H60M</Duration>
  <StartTime>08:00</StartTime>
  <EndTime>10:00</EndTime>
  <StartInterval>P0Y0M0DT0H30M</StartInterval>
  <Media>
    <MediaIDs>
      <UniqueID source="TAC">950</UniqueID>
    </MediaIDs>
    <MediaFormat>image/jpeg</MediaFormat>
    <MediaURI>\\192.168.22.70\data\itempictures\0\0\0\950.jpg</MediaURI>
    <MediaData>/9j/4AAQSkZJRgABAgAAZABKAAD/7AARRHVja3kAAQAEAAAAAPAAA/+4ADkFkb2JlAGTAAAAAaf/b AIQABgQE-
    BAUEBgUFBgkGBgQYJCwgGBggLDAoKCwoKDBAMDAwMDAwQDA4PEA8ODBMTFBQTExwbGxsc
    Hx8fhx8fhx8fhWEHbWcNDA0YEBAYGHURFrofhx8fhx8fhx8fhx8fhx8fhx8fhx8fhx8fh
    Hx8fhx8fhx8fhx8fhx8fh/8AAEQgAMgAyAwERAAIRAQMRAF/EAHwAAQABQBEBAAAAAAAAAAAA
    AAAIAAQFBgcDCQEBAQEBAQEAAAAAAAAAAAAAAECawQFEAACAgECBQMDAwUAAAAAAAAABAgMEABEF
    IRITBgcxYSJBcZFRwRSBmpIVCBEBQAQACQQAQAAAAAAAAAAAAAERAGmXQXESIZEiBP/aAAwDAQAC EQM-
    RAD8A1TgMCjuqKXchUUESxOgAHqSCDGlE5+2rdkVau7U7FknQQRWInc2VWJwUkyEEMBgMBga
    L5zleLxJ3RIjORLTb5RnRgOZdeI9vXDwnVCLb90Uuvum3xLKVC264SSMaSgmZR8WHHXLh3frfI8xg
    MBgeF67VoUrF62/Tq1Y3mnkIJ5Y41LMdBqeAGBwTyL5yO9bTd2bYavTp3Y2rz2bK6u8UgKuFj9F1
    U/XLhmuQ7VS2ypuFWz01pvVni sxz14t5XEsLh0/vK6DVfp+MF3qR3ZHnLZt4v1tn3Rkh3Gy6w1po wwSSRuCqy-
    MOZGJ+4+2MJK6lkaMBga35Jm6XYHCLa8f8AX2B+Yyp3wIghbu1t0Rm6cZC8qBddT7sD
    mpHJ+f8Ao212+FLU3rb5mjDTyo05YQIyxhpOTgxQKGPqNOIBxhdtuads+GV8f3o7HkHYzE0jLBu1
    LmMqdM6tmPHAgH0/UZLHXhu8v77ptZHqMCz3S09adnX85Ksad5C3iaXsbfo2IikqMn+TKP3yS1xh
    Faxtz296hk61eGKOanyZnZGPTmLSly8jB9UHDiPfoses8musuetyuKHbsMCU0S1CGpx2oJHV441k
    jtEj1+cg1PoeXK47c8ufMv0zXYm00qPduytv1wcc7SVp0cuGmcyADXRR8fYzNnXi2u99qmgp1Gye
    tXAO6k45wGoP0OBxDPZVXedpuUY36H8umXsqNQNeIonsRkwOJ7h/wa7d09Ywyw1LDD0fmkhy/0A
    YZc1MLdF3fA0H8esoHDUTken2TLIn0jYez/AAhvtDfKfzcJIeRVZ452hiaR2YxNzKOZgoHyHHJ1
    Zq7wo0UDDSuAwGAwGAwGAwP/2QA=</MediaData>
  </Media>
  <ResortId>HOTELB</ResortId>
</Template>

```

```
</Templates>  
</TemplateInfoResponse>
```



## 7 Definition PaymentCondition

(SSF • SSS)

This request is used to retrieve one or more payment conditions. The following filter can be set to request payment conditions:

<b>Soap Action</b>	http://htng.org/PWS/2008B/GuestSelfService#PaymentCondition
--------------------	---

### *Request:*

PaymentConditionRequest				
Name	Type	Data Type	Use	Comments
PaymentConditionIDs	element	<a href="#">UniqueIDList</a>	optional	IDs of the payment condition.
ResortId	element	string	optional	Property code.

### *Response:*

The PaymentConditionResponse delivers a collection of payment conditions.

PaymentConditionResponse				
Name	Type	Data Type	Use	Comments
Result	element	<a href="#">ResultStatus</a>	required	Lookup result. If successful, the responding system is only required to set the resultStatusFlag as SUCCESS, and return the data in the PaymentConditionList.
PaymentConditions	element	PaymentConditionList	optional	Collection of payment conditions.

PaymentConditionList				
Name	Type	Data Type	Use	Comments
PaymentCondition	element	PaymentCondition	option- al/multiple	Payment condition.

PaymentCondition				
Name	Type	Data Type	Use	Comments
type	attribute	string	required	The attribute type is required and the following values are available: PREPAYMENT, FULLPAYMENT, BALANCEPAYMENT, CANCELLATION
PaymentConditionIDs	element	UniqueIDList	required	IDs of the payment condition.
Value	element	PaymentConditionValue	required	Value of the payment condition.
CancellationWindow	element	duration	optional	Time offset, which are only used in case of cancellations. If no offset is given, the cancellation condition applies every time.
DueDate	element	duration	optional	Due date of the payment.
Taxes	element	TaxList	optional	Taxes of the payment condition.
Description	element	Text	option- al/multiple	Detailed description of the payment condition.
ResortId	element	string	required	Property code.

PaymentConditionValue				
Name	Type	Data Type	Use	Comments
type	attribute	string	required	Either PERCENTAGE or FIXPRICE.
Value	element	Amount	required	Value of the payment condition.

Example: Request to get all payment conditions of property HOTELB

[Request]

```
<PaymentConditionRequest>
  <ResortId>HOTELB</ResortId>
</PaymentConditionRequest>
```

[Response]

```
<PaymentConditionResponse>
<Result resultStatusFlag="SUCCESS" />
<PaymentConditions>
  <PaymentCondition type="PREPAYMENT">
    <PaymentConditionIDs>
      <UniqueID source="TAC">1</UniqueID>
    </PaymentConditionIDs>
    <Value type="PERCENTAGE">
      <Value>10</Value>
    </Value>
    <Description language="en">10% prepayment</Description>
    <Description language="de">10% Anzahlung</Description>
    <ResortId>HOTELB</ResortId>
  </PaymentCondition>
  <PaymentCondition type="PREPAYMENT">
    <PaymentConditionIDs>
      <UniqueID source="TAC">2</UniqueID>
    </PaymentConditionIDs>
    <Value type="FIXPRICE">
      <Value currencyCode="USD">15</Value>
    </Value>
    <Description language="en">15$ prepayment</Description>
    <Description language="de">15$ Anzahlung</Description>
    <ResortId>HOTELB</ResortId>
  </PaymentCondition>
  <PaymentCondition type="CANCELLATION">
    <PaymentConditionIDs>
      <UniqueID source="TAC">3</UniqueID>
    </PaymentConditionIDs>
    <Value type="PERCENTAGE">
      <Value>50</Value>
    </Value>
    <Cancellationwindow>P0Y0M0DT48H</Cancellationwindow>
    <Description language="en">50% cancellation costs within two days</Description>
    <Description language="de">50% Stornogebühr innerhalb von zwei Tagen</Description>
    <ResortId>HOTELB</ResortId>
  </PaymentCondition>
  <PaymentCondition type="CANCELLATION">
    <PaymentConditionIDs>
```

```
        <UniqueID source="TAC">4</UniqueID>
    </PaymentConditionIDs>
    <Value type="PERCENTAGE">
        <Value>100</Value>
    </Value>
    <Cancellationwindow>POY0M0DT24H</Cancellationwindow>
    <Description language="en">100% cancellation costs within one day</Description>
    <Description language="de">100% Stornogebühr innerhalb von einem Tag</Description>
    <ResortId>HOTELB</ResortId>
</PaymentCondition>
</PaymentConditions>
</PaymentConditionResponse>
```

## 8 Definition Availability

(SSF · SSS)

The selected availabilities will be finalized(created) by a Create request. An availability request is only necessary for activity and dining templates (not for retail and gift certificates).

The message AvailabilityRequest is able to handle multiple requests within one message, but it's not allowed to request one template multiple times within one request, because the availability results are linked with the TemplateIDs to the corresponding request.

Possible scenario (dependent on the implementation of the SSS):

Each returned availability can be reserved by a temporary booking in the SSS to reserve the inventory, therapists, etc. The remaining temporary bookings will be deleted automatically once either one (or more) of the returned availabilities is finalized with a Create request or the temporary booking lifetime expires.

<b>Soap Action</b>	<a href="http://htng.org/PWS/2008B/GuestSelfService#Availability">http://htng.org/PWS/2008B/GuestSelfService#Availability</a>
--------------------	---

### *Request*

AvailabilityRequest				
Name	Type	Data Type	Use	Comments
Availabilities	element	AvailabilityRequestElementList	required	

AvailabilityRequestElementList				
Name	Type	Data Type	Use	Comments
Availability	element	AvailabilityRequestElement	required/multiple	

AvailabilityRequestElement				
availabilityType	attribute	String	optional	BESTPRICE or BESTTIME.
TemplateIDs	element	UniqueIDList	required	IDs of the template.
ModifyBookingIDs	element	UniqueIDList	optional	Used to modify an existing booking in the SSS. The SSS has to know the old booking ID to exclude them at the availability check.
Profile	element	Profile	required	Complete profile, because guest type, membership type, etc. could be affect the availability and the price.
NumberOfPersons	element	unsignedInt	optional	Number of persons. Default value = 1. This field is needed for the template type dining. (For example: Dinner for 10 persons)
TimeSpans	element	TimeSpanList	required	This element contains the possible time spans.
PreferredResources	element	ResourceList	optional	This resources will be preferred if there are possible results with them. The PreferredResources can contain many Resource entries.
Preferences	Element	PreferenceElementList	optional	Preference list.
ResortId	Element	String	required	Property code.
BookingLifetime	Element	UnsignedInt	Optional	Number of minutes to maintain a temporary booking for each returned result. The value 0 can be used to get a snapshot of inventory without creating temporary bookings. Default value = 10
ResultsLimit	Element	UnsignedInt	Optional	Maximum count of availabilities to be returned. The value 0 means "all availabilities". Default value = 2

### Response

AvailabilityResponse				
Name	Type	Data Type	Use	Comments
Result	element	<a href="#">ResultStatus</a>	required	Availabilityresult. If successful, the responding system is only required to set the resultStatusFlag as SUCCESS, and return the data in the AvailabilityList.
Availabilities	element	AvailabilityList	optional	All found availabilities. The maximum quantity of returned availabilities should be configurable in the SSS.

AvailabilityList				
Name	Type	Data Type	Use	Comments
Availability	element	Availability	optional/multiple	Availability.

Availability				
Name	Type	Data Type	Use	Comments
availabilityType	attribute	String	optional	BESTPRICE or BESTTIME.
TemplatelDs	element	<a href="#">UniqueIDList</a>	required	IDs of the template.
BookingIDs	element	<a href="#">UniqueIDList</a>	optional	IDs of the temporary booking. Must be used to create this booking if would be selected. Is optional, because if BookingLifetime is 0, then the SSS doesn't create a temporary booking.
TimeSpan	element	<a href="#">OGTimeSpan</a>	required	Time span of the booking.
Price	element	<a href="#">Amount</a>	optional	Price of the booking.
Resources	element	<a href="#">ResourceList</a>	optional	Resources of the booking.
ResortId	element	String	required	Property code.

Example:

[Request]

```
<AvailabilityRequest >
  <Availabilities>
    <Availability availabilityType="BESTPRICE">
      <TemplateIDs>
        <UniqueID source="TAC">123</UniqueID>
      </TemplateIDs>
    </Availability>
  </Availabilities>
  <Profile>
    <IDs>
      <UniqueID source="ES">96</UniqueID>
      <UniqueID source="TAC">10968</UniqueID>
    </IDs>
    <Customer>
      .....
    </Customer>
  </Profile>
  <TimeSpans>
    <TimeSpan>
      <Start>2007-05-15T08:30:00Z</Start>
      <End>2007-05-15T09:30:00Z</End>
    </TimeSpan>
    <TimeSpan>
      <Start>2007-05-15T10:00:00Z</Start>
      <End>2007-05-15T12:00:00Z</End>
    </TimeSpan>
  </TimeSpans>
  <PreferredResources>
    <Resource category="Providers">John Miller</Resource>
  </PreferredResources>
  <Preferences>
    <Preference preferenceType="GENDER" preferred="MALE" mode="PREFERRED">Providers</Preference>
  </Preferences>
  <ResortId>HOTELB</ResortId>
</Availability>
</Availabilities>
</AvailabilityRequest>
```

[Response]

```
<AvailabilityResponse>
  <Result resultStatusFlag="SUCCESS" />
  <Availabilities>
    <Availability availabilityType="BESTPRICE">
      <TemplateIDs>
        <UniqueID source="TAC">123</UniqueID>
      </TemplateIDs>
    </Availability>
  </Availabilities>
  <BookingIDs>
```



```
        <UniqueID source="TAC">67888</UniqueID>
    </BookingIDs>
    <TimeSpan>
        <Start>2007-05-15T08:30:00Z</Start>
        <End>2007-05-15T09:30:00Z</End>
    </TimeSpan>
    <Price currencyCode="USD">130.5</Price>
    <Resources>
        <Resource category="Providers" gender="Male">John Miller</Resource>
        <Resource category="Facilities">Room 10</Resource>
    </Resources>
    <ResortId>HOTELB</ResortId>
</Availability>
</Availabilities>
</AvailabilityResponse>
```

## 9 Definition Create

(SSF • SSS)

The Create request can contain many Booking elements and one PaymentGuarantee element.

This message is the confirmation for any Bookings which were returned by the Availability request. With this request, any temporary Bookings created by the availability request will be either finalized (for the included Bookings) or released (for all excluded Bookings from the same Availability call).

Soap Action	<a href="http://htng.org/PWS/2008B/GuestSelfService#Create">http://htng.org/PWS/2008B/GuestSelfService#Create</a>
-------------	---

### *Request:*

CreateRequest				
Name	Type	Data Type	Use	Comments
Bookings	element	<a href="#">BookingIdentificationList</a>	required	Collection of bookings.
ModifyBookingIDs	element	<a href="#">UniqueIDList</a>	optional	Used to modify an existing booking in the SSS. The SSS has to know the old booking ID to delete them.
PaymentGuarantee	element	<a href="#">PaymentIdentification</a>	optional	It should be configurable, if a payment guarantee is necessary to create a booking.

### *Response:*

The CreateResponse contains all requested bookings with their creation result.

CreateResponse				
Name	Type	Data Type	Use	Comments
Bookings	element	<a href="#">BookingResultList</a>	required	Collection of booking results.

Example:

[Request]

```
<CreateRequest>
  <Bookings>
    <Booking>
      <BookingIDs>
        <UniqueID source="TAC">67888</UniqueID>
        <UniqueID source="ES">150</UniqueID>
      </BookingIDs>
      <ReferenceNumber>235667</ReferenceNumber>
    </Booking>
  </Bookings>
  <PaymentGuarantee>
    <CreditCard>
      <CardNumber>4444333322221111</CardNumber>
      <ExpireDate>1008</ExpireDate>
    </CreditCard>
  </PaymentGuarantee>
</CreateRequest>
```

[Response]

```
<CreateResponse>
  <Bookings>
    <Booking>
      <Result resultStatusFlag="SUCCESS" />
      <BookingIDs>
        <UniqueID source="TAC">67888</UniqueID>
        <UniqueID source="ES">150</UniqueID>
      </BookingIDs>
    </Booking>
  </Bookings>
</CreateResponse>
```

## 10 Definition Delete

(SSF • SSS)

This request deletes bookings which were created by the Create request.

Soap Action	http://htng.org/PWS/2008B/GuestSelfService#Delete
-------------	---

### *Request:*

DeleteRequest				
Name	Type	Data Type	Use	Comments
Bookings	element	BookingIdentificationList	required	Collection of bookings, which should be deleted.

### *Response:*

DeleteResponse				
Name	Type	Data Type	Use	Comments
Bookings	element	BookingResultList	required	Collection of bookings, with their result.

Example:

[Request]

```
<DeleteRequest>
  <Bookings>
    <Booking>
      <BookingIDs>
        <UniqueID source="TAC">67888</UniqueID>
        <UniqueID source="ES">150</UniqueID>
      </BookingIDs>
    </Booking>
  </Bookings>
</DeleteRequest>
```

```

    </BookingIDs>
  </Booking>
</Bookings>
</DeleteRequest>

[Response]
<DeleteResponse>
  <Bookings>
    <Booking>
      <BookingIDs>
        <UniqueID source="TAC">67888</UniqueID>
        <UniqueID source="ES">150</UniqueID>
      </BookingIDs>
      <Result resultStatusFlag="SUCCESS" />
    </Booking>
  </Bookings>
</DeleteResponse>
```

## 11 Definition Sale

(SSF · SSS)

The Sale request contains all necessary information for completion a sales process in the SSS.

<b>Soap Action</b>	http://htng.org/PWS/2008B/GuestSelfService#Sale
--------------------	---

### *Request:*

A Sale request consists of the following parts:

- Profile
- Payments (arbitrary number of payments)
- Items (arbitrary number of Booking, Retail, GiftCertificate and ShippingCosts elements)

The element Profile corresponds to the structure of a New/UpdateProfile from the guest synchronisation.

SaleRequest				
Name	Type	Data Type	Use	Comments
ProfileIdentification	element	ProfileIdentification	required	Used to identify the profile.
Payments	element	PaymentList	required	Collection of payments.
Items	element	ItemList	required	Collection of items.
ResortId	element	string	required	Property code.

ProfileIdentification				
Name	Type	Data Type	Use	Comments
Profile	element	<a href="#">Profile</a>	option-al/choice	Profile as defined in SGI specification. (Choice)

ProfileIDs	element	<a href="#">UniqueIDList</a>	option- al/choice	ProfileIDs. (Choice)
------------	---------	------------------------------	----------------------	----------------------

PaymentList				
Name	Type	Data Type	Use	Comments
Payment	element	Payment	re- quired/multipl e	The element Payment must be set for every used payment method in the selling process.

Payment				
Name	Type	Data Type	Use	Comments
method	attribute	string	required	Sets the payment method in the SSS.
Value	element	<a href="#">Amount</a>	required	With this payment method paid value.
PaymentInformation	element	<a href="#">PaymentIdentification</a>	optional	When the guest pays with a gift certificate, credit card or room the additional payment information must be set here.

ItemList				
Name	Type	Data Type	Use	Comments
Booking	element	BookingItem	option- al/multiple	This booking has to be created by a prior Create message.
CreateBooking	element	CreateBookingItem	option- al/multiple	This element has the same function like the single message CreateRequest. This element should be used to create and sell bookings in one step without a prior Create message.
GiftCertificate	element	GiftCertificateItem	option- al/multiple	The created gift certificate numbers will be returned by the SaleResponse.
Item	element	Item	option-	Common sales item.

			al/multiple	
ShippingCosts	element	ShippingCostItem	option- al/multiple	The ShippingCosts must be calculated by the weight of the ordered retail products.

BookingItem				
Name	Type	Data Type	Use	Comments
BookingIDs	element	UniqueIDList	required	IDs of the booking.
Type	element	string	optional	Full or partial sell of an existing booking or cancellation of an booking and book the cancellation costs (Type = CANCEL) Possible values: PREPAYMENT, FULLPAYMENT, BALANCEPAYMENT, CANCELLATION Default: FULLPAYMENT
Price	element	Amount	required	Price of the booking.

CreateBookingItem				
Name	Type	Data Type	Use	Comments
BookingIdentification	element	BookingIdentification	required	IDs of the booking.
ModifyBookingIDs	element	UniqueIDList	optional	Used to modify an existing booking in the SSS. The SSS has to know the old booking ID to delete them.

GiftCertificateItem				
Name	Type	Data Type	Use	Comments
TemplateIDs	element	UniqueIDList	required	IDs of the template.
Price	element	Amount	required	Amount of the gift certificate.
BuyerName	element	string	optional	Name of the buyer (donor).
DedicationText	element	string	optional	The content of this field should be changeable for the buyer of the gift certificate, because this text



				could be printed on the gift certificate as dedication for the recipient.
LanguageCode	element	string	required	Needed to choose the right text blocks for the gift certificate. Possible values: en,de,fr,...

Item				
Name	Type	Data Type	Use	Comments
TemplateIDs	element	<a href="#">UniqueIDList</a>	required	IDs of the template.
Price	element	<a href="#">Amount</a>	required	Price of the sales item. (e.g. retail product)

ShippingCostItem				
Name	Type	Data Type	Use	Comments
Price	element	<a href="#">Amount</a>	required	Price of the shipping costs.
Description	element	<a href="#">Text</a>	optional	This text could be used to present the type of shipping(e.g. overnight express) on the bill.
TemplateID	element	<a href="#">UniqueID</a>	optional	TemplateID of shipping cost template.

**Response:**

SaleResponse				
Name	Type	Data Type	Use	Comments
Result	element	<a href="#">ResultStatus</a>	required	Result.
InvoiceNumber	element	string	required	Number of the created invoice.
InvoiceDate	element	date	required	Date and time of the created invoice.
ReceiptImage	element	<a href="#">Media</a>	optional	Receipt media.
GiftCertificates	element	GiftCertificateList	optional	This element is optional, because it is possible that the sale request contains no gift certificate item.

GiftCertificateList				
Name	Type	Data Type	Use	Comments
GiftCertificate	element	GiftCertificateData	option- al/multiple	Collection of the created gift certificates.

GiftCertificateData				
Name	Type	Data Type	Use	Comments
GiftCertificateNumber	element	string	required	Number of the created gift certificate.
GiftCertificateData	element	Media	optional	Depending on the workflow, this element is needed. (e.g. to create the gift certificate layout print in the SSS and send the base64 coded image or pdf to the SSF)

Example:

[Request]

```

<SaleRequest>
  <Profile nameType="GUEST" languageCode="en" nationality="AT"
  <IDs>
    <UniqueID source="ES">96</UniqueID>
    <UniqueID source="TAC">10968</UniqueID>
  </IDs>
  <Customer gender="MALE">
  <PersonName familiarName="Rappold">
    <NameTitle />
    <FirstName>Bernhard</FirstName>
    <LastName>Rappold</LastName>
  </PersonName>
  </Customer>
  <Addresses>
    <NameAddress addressType="HOME" primary="true">
      <AddressLine>Schildbach 111</AddressLine>
      <CityName />
      <StateProv />
      <CountryCode>AT</CountryCode>
      <PostalCode />
    </NameAddress>
  </Addresses>

```

```
<Phones>
  <NamePhone phoneType="EMAIL" phoneRole="EMAIL" primary="true">
    <PhoneNumber>b.rappold@reservationassistant.com</PhoneNumber>
  </NamePhone>
</Phones>
</Profile>
<Payments>
  <Payment method="visa">
    <Value currencyCode="USD">130.5</Value>
    <PaymentInformation>
      <CreditCard>
        <CardNumber>4444333322221111</CardNumber>
        <ExpireDate>1008</ExpireDate>
        <CVV2>999</CVV2>
        <CardHolderName>RAPPOLD BERNHARD</CardHolderName>
        <CardHolderZipCode></CardHolderZipCode>
        <CardHolderAddress></CardHolderAddress>
        <CardHolderCity></CardHolderCity>
        <RemoteIP>81.223.207.12</RemoteIP>
      </CreditCard>
    </PaymentInformation>
  </Payment>
</Payments>
<Items>
  <Booking>
    <BookingIDs>
      <UniqueID source="TAC">67888</UniqueID>
      <UniqueID source="ES">150</UniqueID>
    </BookingIDs>
    <Price currencyCode="USD">130.50</Price>
  </Booking>
</Items>
<ResortId>HOTELB</ResortId>
</SaleRequest>
```

[Response]

```
<SaleResponse>
  <Result resultStatusFlag="SUCCESS" />
  <InvoiceNumber>10123</InvoiceNumber>
  <InvoiceDate>2007-05-14</InvoiceDate>
</SaleResponse>
```

## 12 Definition FetchBooking

(SSF · SSS)

With this request the SSF can retrieve detailed information for bookings. (e.g. the trainer, room, .. of an activity, ...).

<b>Soap Action</b>	http://htng.org/PWS/2008B/GuestSelfService#FetchBooking
--------------------	---

### *Request:*

One of the filter must be set.

FetchBookingRequest				
Name	Type	Data Type	Use	Comments
BookingIDs	element	<a href="#">UniqueIDList</a>	optional	To request one specific booking.
ReferenceNumber	element	string	optional	To request all bookings for a global reference number.
Type	element	string	optional	To request bookings with a specific template type.
TimeSpan	element	<a href="#">OGTimeSpan</a>	optional	To request all bookings between this time span.
ProfileIDs	element	<a href="#">UniqueIDList</a>	optional	To request all bookings for a profile.
PersonName	element	<a href="#">PersonName</a>	optional	To request bookings by guest name.
Membership	element	<a href="#">NameMembership</a>	optional	To request all bookings for a membership. (e.g. MembershipNumber)
EmailAddress	element	string	optional	To request bookings by email address.
Reservation	element	<a href="#">ReservationIdentification</a>	optional	To request all bookings by one hotel reservation.

**Response:**

The response can contain a lot of Activity and Dining elements.

FetchBookingResponse				
Name	Type	Data Type	Use	Comments
Result	element	<a href="#">ResultStatus</a>	required	Result.
Bookings	element	BookingList	optional	Collection of the found bookings.

BookingList				
Name	Type	Data Type	Use	Comments
Booking	element	Booking	optional/multiple	Collection of the found bookings.

Booking				
Name	Type	Data Type	Use	Comments
Type	attribute	string	required	Type of booked template.
BookingIDs	element	<a href="#">UniqueIDList</a>	required	BookingIDs of the booking. (SGI ActivityID)
ProfileIDs	element	<a href="#">UniqueIDList</a>	required	ProfileIDs of the booking guest.
TemplateIDs	element	<a href="#">UniqueIDList</a>	required	TemplateIDs of the activities
ActivityType	element	string	optional	Type of the booking. (SGI)
Location	element	string	optional	Location of the booking. (SGI)
Name	element	<a href="#">Text</a>	required/multiple	Name of booking. (SGI)
NumberOfPersons	element	unsignedInt	optional	Number of persons. (Only used for dining) (SGI)
TimeSpan	element	<a href="#">OGTimeSpan</a>	required	Time span of the booking. (SGI)
Duration	element	<a href="#">OGTimeSpan</a>	optional	The length of the booking. (SGI)
Description	element	<a href="#">Text</a>	optional	Detailed booking description. (SGI)

			al/multiple	
Note	element	Text	option-al/multiple	Additional notes about the booking. (SGI) Can be used for e.g. instructions, ...
Remark	element	string	optional	Remark of the booking. Can be stored to the booking by the Create request.
Price	element	Amount	required	Booking price. (SGI Amount)
Participants	element	ParticipantList	optional	List of booked participants. (SGI Participants)
Resources	element	ResourceList	optional	List of booked resources.
RequestedPreferences	element	PreferenceElementList	optional	Requested preferences of the availability request.
RequestedPreferredResources	element	ResourceList	optional	Requested preferred resources of the availability request.

ParticipantList				
Name	Type	Data Type	Use	Comments
Participant	element	PersonName	option-al/multiple	Name of the participants.

Example:

[Request]

```
<FetchBookingRequest>
  <BookingIDs>
    <UniqueID source="TAC">67888</UniqueID>
  </BookingIDs>
  <ProfileIDs>
    <UniqueID source="ES">96</UniqueID>
    <UniqueID source="TAC">10968</UniqueID>
  </ProfileIDs>
  <Type>ACTIVITY</Type>
  <ReferenceNumber>235667</ReferenceNumber>
</FetchBookingRequest>
```

[Response]

```
<FetchBookingResponse>
<Result resultStatusFlag="SUCCESS">
  <Text>
    <TextElement language="en" />
  </Text>
  <IDs>
    <UniqueID source="TAC">67888</UniqueID>
  </IDs>
</Result>
<Bookings>
  <Booking type="ACTIVITY">
    <BookingIDs>
      <UniqueID source="TAC">67888</UniqueID>
    </BookingIDs>
    <ProfileIDs>
      <UniqueID source="ES">96</UniqueID>
      <UniqueID source="TAC">10968</UniqueID>
    </ProfileIDs>
    <TemplateIDs>
      <UniqueID source="TAC">123</UniqueID>
    </TemplateIDs>
    <ActivityType>Spa Massage</ActivityType>
    <Location>Spa</Location>
    <Name language="en">Full body massage</Name>
    <Name language="de">Ganzkörpermassage</Name>
    <TimeSpan>
      <Start>2007-05-15T08:30:00Z</Start>
      <End>2007-05-15T09:30:00Z</End>
    </TimeSpan>
    <Description language="en">Massage for the full body.</Description>
    <Description language="de">Massage für den ganzen Körper.</Description>
    <Price currencyCode="USD">130.50</Price>
    <Participants>
      <Participant>
        <NameTitle />
        <FirstName>Bernhard</FirstName>
        <LastName>Rappold</LastName>
      </Participant>
    </Participants>
    <Resources>
      <Resource category="Providers" gender="Male">John Miller</Resource>
      <Resource category="Facilities">Room 10</Resource>
    </Resources>
  </Booking>
</Bookings>
</FetchBookingResponse>
```

## 13 Definition FetchGiftCertificate

(SSF · SSS)

With this request the SSF can retrieve detailed information for a gift certificate. (e.g. value, expiration date, ...)  
For example, in case of gift certificate payment the SSF can request the value of the gift certificate by this request.

<b>Soap Action</b>	http://htng.org/PWS/2008B/GuestSelfService#FetchGiftCertificate
--------------------	---

### *Request:*

FetchGiftCertificateRequest				
Name	Type	Data Type	Use	Comments
GiftCertificate	element	GiftCertificateIdentification	required	To request one specific gift certificate.

### *Response:*

FetchGiftCertificateResponse				
Name	Type	Data Type	Use	Comments
Result	element	ResultStatus	required	Result.
GiftCertificate	element	GiftCertificate	optional	Found gift certificate.

GiftCertificate				
Name	Type	Data Type	Use	Comments
GiftCertificateIdentification	element	GiftCertificateIdentification	required	Identification of the gift certificate.
GiftCertificateType	element	string	required	Type of gift certificate: HOTEL,SERVICE,VALUE,...
GiftCertificateStatus	element	string	optional	Status of gift certificate: PRINTED, PAID, REDEEMED,



				CANCELLED, ...
TemplateIDs	element	<a href="#">UniqueIDList</a>	optional	Ids of the corresponding template.
LanguageCode	element	string	optional	Language of the gift certificate.
TemplateName	element	string	optional	Name of the corresponding template in gift certificate language.
TemplateDescription	element	string	optional	Description of the corresponding template in gift certificate language.
GiftCertificatePrintName	element	string	optional	Additional name, which can be printed on the gift certificate.
GiftCertificatePrintText1	element	string	optional	Additional text, which can be printed on the gift certificate.
GiftCertificatePrintText2	element	string	optional	Additional text, which can be printed on the gift certificate.
GiftCertificatePrintText3	element	string	optional	Additional text, which can be printed on the gift certificate.
IssueDate	element	date	optional	Date of issue.
ValidFrom	element	date	optional	Valid from.
ValidUntil	element	date	optional	Valid until.
RedeemDate	element	date	optional	Redeem date.
PaidDate	element	date	optional	Paid date.
BuyerProfileIDs	element	<a href="#">UniqueIDList</a>	optional	Buyer ProfileIDs.
BuyerName	element	string	optional	Buyer name (donor). This is no PersonName, because this text can be changed on creation by the customer.
DedicationText	element	string	optional	Dedication text.
Tax	element	<a href="#">Tax</a>	optional	Tax of the gift certificate.
Value	element	<a href="#">Amount</a>	optional	Gift certificate value.
ServiceTemplateIDs	element	<a href="#">UniqueIDList</a>	optional	TemplateIDs of the corresponding service.

InvoiceNumber	element	string	optional	Number of the sale invoice.
---------------	---------	--------	----------	-----------------------------

Example:

[Request]

```
<FetchGiftCertificateRequest>
  <GiftCertificate>
    <GiftCertificateNumber>VV2300021/07</GiftCertificateNumber>
    <ExpirationDate>2037-01-14</ExpirationDate>
    <VerificationCode>ABC2356671</VerificationCode>
  </GiftCertificate>
</FetchGiftCertificateRequest>
```

[Response]

```
<FetchGiftCertificateResponse>
  <Result resultStatusFlag="SUCCESS"/ >
  <GiftCertificate>
    <GiftCertificateIdentification>
      <GiftCertificateNumber>VV2300021/07</GiftCertificateNumber>
      <ExpirationDate>2037-01-14</ExpirationDate>
      <VerificationCode>ABC2356671</VerificationCode>
    </GiftCertificateIdentification>
    <GiftCertificateType>VALUE</GiftCertificateType>
    <GiftCertificateStatus>PAID</GiftCertificateStatus>
    <TemplateIDs>
      <UniqueID source="TAC">675</UniqueID>
    </TemplateIDs>
    <LanguageCode>en</LanguageCode>
    <TemplateName>Value gift certificate 100 USD</TemplateName>
    <TemplateDescription>Value gift certificate 100 USD</TemplateDescription>
    <GiftCertificatePrintName>100 USD value gift certificate</GiftCertificatePrintName>
    <GiftCertificatePrintText1>Prizes cannot be redeemed for money</GiftCertificatePrintText1>
    <IssueDate>2007-01-14</IssueDate>
    <ValidFrom>2007-01-14</ValidFrom>
    <ValidUntil>2037-01-14</ValidUntil>
    <PaidDate>2007-01-14</PaidDate>
    <BuyerProfileIDs>
      <UniqueID source="ES">96</UniqueID>
      <UniqueID source="TAC">10968</UniqueID>
    </BuyerProfileIDs>
    <BuyerName>Rappold Bernhard</BuyerName>
    <DedicationText>Happy Birthday</DedicationText>
    <Value currencyCode="USD">100.00</Value>
    <InvoiceNumber>635424</InvoiceNumber>
  </GiftCertificate>
</FetchGiftCertificateResponse>
```

## 14 Global Schema Elements

Each schema element, which is used in more than one message, is defined in this section. The usages of this schema elements are marked with **green** color. The **blue** elements are defined in the Single Guest Itinerary specification.

TimeSpanList				
Name	Type	Data Type	Use	Comments
TimeSpan	element	<a href="#">OGTimeSpan</a>	re- quired/multipl e	One time span is required.

Media				
Name	Type	Data Type	Use	Comments
MediaID	element	<a href="#">UniqueIDList</a>	optional	IDs of the media.
MediaFormat	element	string	optional	MIME type of the media. For example: image/jpeg, application/pdf, ..
MediaURI	element	anyURI	optional	URI of the media file (e.g. \\192.168.22.70\data\itempictures\0\0\0\950.jpg) (Choice)
MediaData	element	base64Binary	optional	Base64 coded media data. (Choice)

ResourceList				
Name	Type	Data Type	Use	Comments
Resource	element	<a href="#">Resource</a>	option- al/multiple	Resources associated with request.

Resource				
Name	Type	Data Type	Use	Comments
Resource	exten-	string	required	Name of the resource.

	sion			
category	attribute	string	required	Name of the resource category.
Gender	attribute	string	optional	Gender/affinity of the resource.

#### BookingIdentificationList

Name	Type	Data Type	Use	Comments
Booking	element	BookingIdentification	re- quired/multipl e	At least one booking is needed.

#### BookingIdentification

Name	Type	Data Type	Use	Comments
BookingIDs	element	UniqueIDList	required	The internal BookingID, which was returned by a previous AvailabilityResponse must be filled. The external BookingID can be assigned.
ReferenceNumber	element	string	optional	The reference number is a global number to identify a group of activities, hotel reservations, etc.
Remark	element	string	optional	This remark can be used to store a note to a book- ing.

#### BookingResultList

Name	Type	Data Type	Use	Comments
Booking	element	BookingResult	re- quired/multipl e	At least one booking result is required.

BookingResult				
Name	Type	Data Type	Use	Comments
Result	element	ResultStatus	required	Result of the booking creation.
BookingIDs	element	UniqueIDList	required	IDs of the created bookings.

TaxList				
Name	Type	Data Type	Use	Comments
Tax	element	Tax	option- al/multiple	List of taxes.

Tax				
Name	Type	Data Type	Use	Comments
TaxName	element	Text	optional	Name of tax.
TaxRate	element	double	required	Tax rate. (e.g. 7)
TaxAmount	element	Amount	optional	Tax amount.

PaymentIdentification				
Name	Type	Data Type	Use	Comments
CreditCard	element	CreditCardIdentification	option- al/choice	The CardNumber and ExpireDate are required in the element CreditCardIdentification.
Reservation	element	ReservationIdentification	option- al/choice	Used to identify a hotel reservation.
GiftCertificate	element	GiftCertificateIdentification	option- al/choice	Gift certificate payment information.

GiftCertificateIdentification				
Name	Type	Data Type	Use	Comments
GiftCertificateNumber	element	string	required	Unique gift certificate number.

ExpirationDate	element	date	optional	Expiration date of gift certificate.
VerificationCode	element	string	optional	Code which is printed on the gift certificate like the CVV2 code of a credit card.

ReservationIdentification				
Name	Type	Data Type	Use	Comments
ReservationID	element	UniqueID	optional	Reservation ID.
RoomNumber	element	string	optional	Room number.
ConfirmationNo	element	string	optional	Confirmation number.

CreditCardIdentification				
Name	Type	Data Type	Use	Comments
CardNumber	element	string	required	Complete credit card number without spaces.
ExpirationDate	element	string	required	Expiration date of the credit card without separator (e.g. October 2008 is formatted as 1008)
CVV2	element	string	optional	Code for verifying the card.
CardHolderName	element	string	optional	Name of the card holder.
CardHolderAddressLine	element	string	optional	Address line of the card holder.
CardHolderCityName	element	string	optional	City name of the card holder.
CardHolderStateProv	element	string	optional	State of the card holder.
CardHolderCountryCode	element	string	optional	Country of the card holder.
CardHolderPostalCode	element	string	optional	Postal code of the card holder.
RemoteIP	element	string	optional	IP of the remote system. Can be used for logging purpose.

PreferenceElementList				
Name	Type	Data Type	Use	Comments
Preference	element	PreferenceElement	option- al/multiple	The Preferences can contain many Category entries which must be unique.

PreferenceElement				
Name	Type	Data Type	Use	Comments
Category	extension	string	required	Name of the resource category.
preferenceType	attribute	string	required	Type of preference: e.g. GENDER, SMOKING, MEALTYPE, TABLETYPE
preferred	attribute	string	required	Requesting value: GENDER: MALE or FEMALE SMOKING: SMOKER or NONSMOKER ....
mode	attribute	string	required	Mode of the request: PREFERRED or STRICT