

Oracle® Hospitality Cruise Shipboard Property Management System OHC WebServices Technical Specification



Release 20.1

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The Oracle logo, consisting of a solid red square with the word "ORACLE" in white, uppercase, sans-serif font centered within it.

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Oracle Hospitality Cruise Shipboard Property Management System OHC WebServices Technical Specification, Release 20.1

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Preface

This document provides an explanation and description of each of the exposed functions in the Oracle Hospitality Cruise Shipboard Property Management System (SPMS) Web Service.

Audience

This document is intended for:

- Third-party vendors who wish to integrate with SPMS.
- This document should be used as a technical reference for external parties to develop applications which requires interfacing to SPMS.

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When contacting Customer Support, please provide the following:

- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received
- Screenshots of each step you take

Documentation

Oracle Hospitality product documentation is available on the Oracle Help Center at <http://docs.oracle.com/en/industries/hospitality/>.

Revision History

Table 1 Revision History

Version	Date	Description of Change
20.1	September 2020	Initial Publication
	August 2022	Updated two parameter fields in PurchasePackage function

1

General Overview

The document provides an explanation and description of each of the exposed functions available in OHCWebService and is used as Technical Reference by third-party vendors who wish to develop and integrate their applications with the Oracle Hospitality Cruise Shipboard Property Management System (SPMS).

All the web messages used here are based on:

- Extensible Markup Language (XML) format,
- JavaScript Object Notation (JSON) or
- JSON with Padding (JSONP).

The examples provided here are based on Microsoft Visual Studio 2008. Accessing the web service through other programming language is possible and at your disposition. Oracle Hospitality Cruise will not provide any assistance on this.

Handling for JSON Format

- All JSON date type are passed in as STRING in YYYYMMDDHHMMSS format. For example, 2011-01-14 3:14PM = 20110114151400
- If the input type is a JSON object, this need to be passed in as *string* serializes as JSON string.
- If the input type is ByteArray, this need to be passed in as *base64 string* serializes as JSON string.

Passing Date Variable using XML format

By default, the XML Serialize Date is a format that includes time zone information. If the server is in Florida (GMT-5) and the caller is in Malaysia (GMT+8), the value passed to web service is shown in below example.

```
2011-12-11T04:30:38.0946974+08:00
```

The Server then de-serialize the date to "2011-12-10 3:36pm" as there is 13 hours difference between Malaysia and Florida.

If you want to preserve the date and time, you need to make sure the XML Serialize the date to below format:

```
2011-12-11T04:30:38.0946974
```

For the dataset, below is the method used to ensure the date/time remains the same between the time zones.

```
For Each oTable In oResponse.oDataSet.Tables
  For nX = 0 To oTable.Columns.Count - 1
    If oTable.Columns(nX).DataType.ToString = _
      "System.DateTime" Then
```



```

        oTable.Columns(nX).DateTimeMode = _
        DataSetDateTime.Unspecified
    End If
Next
Next

```

Below is the code used to ensure the class which has date field will serialize without a time zone. This function *does not* support properties with an additional parameter, it also *does not* support multi-dimension array.

```

Private Sub RemoveTimeZone(ByVal poObject As Object)
    Dim oType As System.Reflection.PropertyInfo
    Dim oField As System.Reflection.FieldInfo

    For Each oType In poObject.GetType.GetProperties
        Try
            If oType.PropertyType.IsArray Then
                Call RemoveArrayTimeZone(oType.GetValue(poObject, New Object() {}))
            {}))
            ElseIf oType.PropertyType.Name = "DateTime" Then
                oType.SetValue(poObject, _
                    DateTime.SpecifyKind(oType.GetValue(poObject, _
                        New Object() {}), _
                        DateTimeKind.Unspecified), _
                    New Object() {})
            End If
        Catch ex As Exception
        End Try
    Next
    For Each oField In poObject.GetType.GetFields
        Try
            If oField.FieldType.IsArray Then
                Call RemoveArrayTimeZone(oField.GetValue(poObject))
            ElseIf oField.FieldType.Name = "DateTime" Then
                oField.SetValue(poObject, _
                    DateTime.SpecifyKind(oField.GetValue(poObject), _
                        DateTimeKind.Unspecified))
            End If
        Catch ex As Exception
        End Try
    Next
End Sub

Private Sub RemoveArrayTimeZone(ByVal poObject As Object)
    Dim nX As Integer
    If poObject(0).GetType.ToString = "DateTime" Then
        For nX = 0 To poObject.Length - 1
            poObject(nX) = DateTime.SpecifyKind(poObject(nX), _
                DateTimeKind.Unspecified)
        Next
    ElseIf poObject(0).GetType.IsClass = True Then
        For nX = 0 To poObject.Length - 1
            Call RemoveTimeZone(poObject(nX))
        Next
    End If
End Sub

```

```
End If  
End Sub
```

Below is the code used for normal date variable.

```
Dim gdCheckOpenDateTime As Date  
gdCheckOpenDateTime = DateTime.SpecifyKind(Now(), _  
                                           DateTimeKind.Unspecified)
```

Connecting to OHC Webservice using Microsoft .NET

The Microsoft IIS is used to provide the Web Service, thus this document assumes the reader is familiar on how to access the Web Service function.

How to use OHCWebService with Microsoft .NET

1. Add a **Web Reference** for Web Service in your application. For example, named web reference as **FidelioSPMSWS**.
2. Add a variable reference to the Web Service reference like *Public goWs As New FidelioSPMSWS FidelioSPMSWSSoapClient*
3. With the above in place, you can then call the available web methods. For example,
 - a. goWs.FidelioSPMSWSJsonGet().
 - b. goWs.FidelioSPMSWSJsonPost().
 - c. goWs.FidelioSPMSWSXML().

Recommended EndPoint Setting

This section describes the recommended EndPoint setting for the application.

Configure the EndPoint in App.Config

Use notepad to open the **App.Config** file and edit the address to the correct IP Address of the web server.

```
<client>  
  <endpoint address="http://localhost:50844/OHCWebServices/  
OHCWebServices.asmx"  
  binding="basicHttpBinding" bindingConfiguration="FidelioSPMSWSSoap"  
  contract="FidelioSPMSWS.FidelioSPMSWSSoap" name="FidelioSPMSWSSoap" />  
</client>
```

Below is the recommended setting

```
<bindings>  
  <basicHttpBinding>  
    <binding name="FidelioSPMSWSSoap" closeTimeout="00:01:00"  
openTimeout="00:01:00"  
    receiveTimeout="00:10:00" sendTimeout="00:01:00" allowCookies="false"  
    bypassProxyOnLocal="false" hostNameComparisonMode="StrongWildcard"  
    maxBufferSize="10000000" maxBufferPoolSize="524288"
```

```
        maxReceivedMessageSize="10000000"  
        messageEncoding="Text" textEncoding="utf-8"  
transferMode="Buffered"  
        useDefaultWebProxy="true">  
    <readerQuotas maxDepth="32" maxStringContentLength="1000000"  
        maxArrayLength="16384" maxBytesPerRead="4096"  
        maxNameTableCharCount="16384" />  
    </binding>  
</basicHttpBinding>  
</bindings>
```

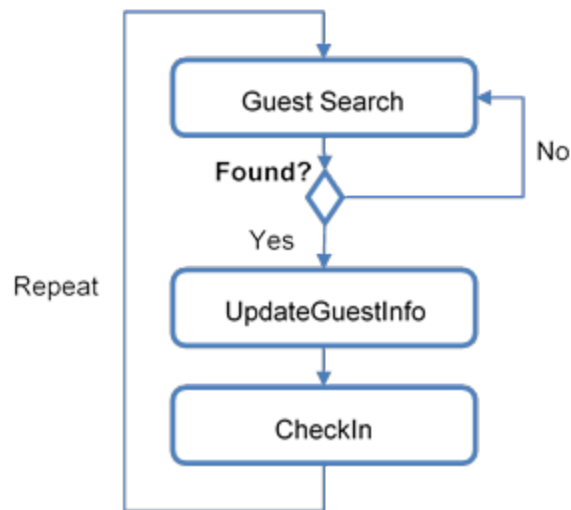
2

General Process Flow

Check-In Guest

Shown in the diagram below is the general process flow used for the Guest Check-In.

Figure 2-1 General Process Flow — Check-In

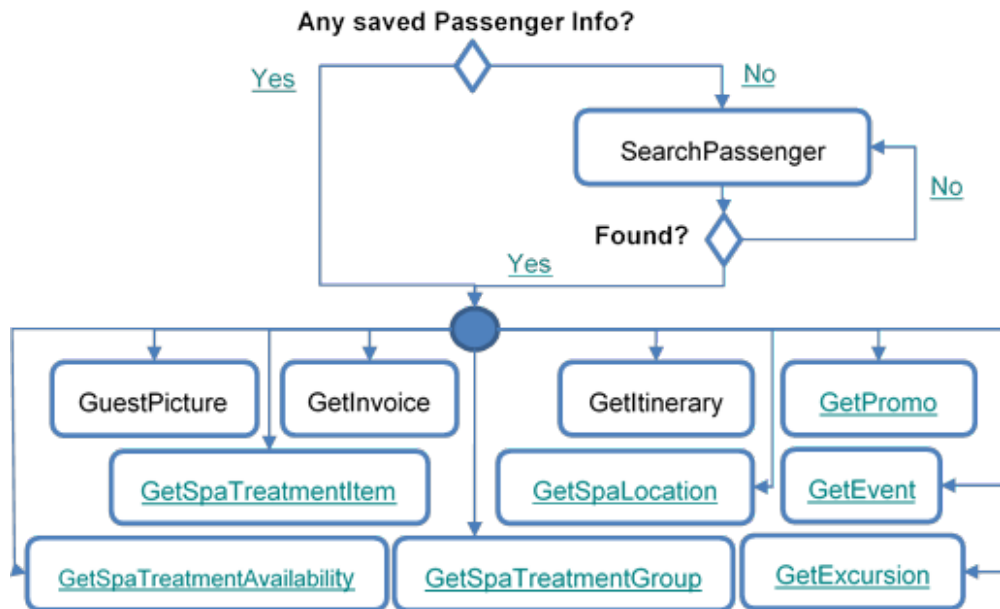


1. First, call the **GuestSearch** function to return a list of guests.
2. Subsequently, call the **UpdateGuestInfo** and **CheckIn** functions for the Check-In of each guest. The **UpdateGuestInfo** function must be called before the **CheckIn** function. Once the **CheckIn** is called, you need to call the **GuestSearch** again before calling **UpdateGuestInfo**.

Get Passenger Information

Shown in the diagram below is the general process flow used to obtain Passenger Information.

Figure 2-2 General Process Flow – Get Passenger Information



1. First, call the **SearchPassenger** function to return one guest.
2. This will save the unique Guest ID into the local device as a cookie for the web so that it does not need to perform the **SearchPassenger** function again.
3. However, it needs to check the expiry date of the saved information against the disembarkation date.
4. You may then use the unique Guest ID to perform the **GuestPicture**, **GetInvoice**, **GetItinerary**, **GetPromo**, **GetSpaTreatmentItem**, **GetSpaLocation**, **GetEvent**, **GetSpaTreatmentAvailability**, **GetSpaTreatmentGroup**, **GetExcursion** and other functions.

3

Web Methods

FidelioSPMSWSJsonGet

This function supports JSON get and JSONP get and *does not* support JSON post.

Input Parameters

Table 3-1 FidelioSPMSWSJsonGet Input Parameters

Parameter	Type	Description	Required
psFunction	String	Function to call	Yes
psSessionID	String	Session ID	Yes
psParam	Array of String	The field value will depend on the Function. Please refer to function detail for each available parameters	Optional

The following section is the description of the parameters.

psFunction

The 'psFunction' is the function name to be called.

psSessionID

The SessionID is a unique ID returned by SPMS WebService after a successful login function. This field is required in all function calls *except* login function.

The session has a timeout of *60 minutes* from the last function call and value is configurable in the *web.config* file.

```
<add key="Idle Timeout" value="60"/>
```

When a function is called and if it returns below error, you *must* reverify by performing another function call. If failed, then re-login and retry.

```
Const SESSIONEXPIRY = "Session Expired"  
Const INVALIDSESSIONID = "Invalid Session ID or Session Expiry"
```

When you call a function and it returns below error, you *must* change the password and retry.

```
Const PLEASECHANGEPASSWORD = "Please change your password first"
```

poParam

The field value depends on the Function called. Please refer to the function details for each available parameters.

Return Values

Return the below Class value. The variable **bSuccess** is used to determine if the function call is successful or fail. If fail, **sErrMsg** will be populated with the error message. All other field will depend on the function call.

```
Public Class CResponseJson
    Public bSuccess As Boolean
    Public sErrMsg As String
    Public sTables As String
    Public nTotalPage As Integer
    Public sPackageInfo As String
    Public sCrewInvoice As String
    Public sObj As String
End Class
```

Note:

- oDataSet, oPassenger, oGuestInfo, oGuest and oAdvanceLoyalty will be serialized to **sTables**.
- oPackageInfo will be serialized to **sPackageInfo**.
- oCrewInvoice will be serialized to **sCrewInvoice**.
- oObj will be serialized to **sObj** and **sTables**.

If oDataSet, oPassenger, oGu0estInfo, oGuest and oAdvanceLoyalty is 'Nothing', then this is for backward compatibility.

Sample JSONP

The requirement is you must pass in the *callback* and *format=json* parameter.

```
GET /OHCWebServices/OHCWebServices.asmx/FidelioSPMSWSJsonGet?
callback="Testing"&psFunction='WSFunction'&psSessionID='SessionID'&psPa
ram=['GetCabin','05002']&format=json HTTP/1.0
Host: localhost
Or
http://localhost/OHCWebServices/OHCWebServices.asmx/
FidelioSPMSWSJsonGet?
callback="Testing"&psFunction='WSFunction'&psSessionID='SessionID'&psPa
ram=['GetCabin','05002']&format=json
```

Below are the sample response that returns two tables, and the text in red represents the second table.

Note: The Testing() is a JSONP response.

```
Testing(
  {
    "bSuccess":true,
    "sErrMsg":"","
    "sTables":{"
      "Table1": {
        "CAB_ID": "05002",
        "CAB_DECK": "D05",
        "DECK_DESC": "DECK 05",
        "CAB_DESIGN": "P",
        "CAB_TYPE": "CD4",
        "TYPE_DESC": "CD4 - O/C Porthole (D4, D5, D6)",
        "CAB_STATION": "B",
        "MST_NAME": "ASSEMBLY STATION B",
        "CAB_MODDATE": "2011-10-27T10:26:43"
      },
      "Table2": [
        {
          "TYP_ART": "D00",
          "TYP_COMMENT": "SEAT 1"
        },
        {
          "TYP_ART": "D02",
          "TYP_COMMENT": "DECK 02"
        },
        {
          "TYP_ART": "D03",
          "TYP_COMMENT": "DECK 03"
        },
        {
          "TYP_ART": "D04",
          "TYP_COMMENT": "DECK 04"
        },
        {
          "TYP_ART": "D05",
          "TYP_COMMENT": "DECK 05"
        },
        {
          "TYP_ART": "D06",
          "TYP_COMMENT": "DECK 06"
        },
        {
          "TYP_ART": "D07",
          "TYP_COMMENT": "DECK 07"
        },
        {
          "TYP_ART": "D08",
          "TYP_COMMENT": "DECK 08"
        },
        {
          "TYP_ART": "D09",
          "TYP_COMMENT": "DECK 09"
        }
      ]
    }
  }
)
```



```

        {
            "TYP_ART": "D10  ",
            "TYP_COMMENT": "DECK 10"
        },
        {
            "TYP_ART": "D11  ",
            "TYP_COMMENT": "DECK 11"
        },
        {
            "TYP_ART": "D12  ",
            "TYP_COMMENT": "DECK 12"
        },
        {
            "TYP_ART": "D88  ",
            "TYP_COMMENT": "PAX TEMP CABIN"
        },
        {
            "TYP_ART": "D99  ",
            "TYP_COMMENT": "CREW TEMP CABIN"
        }
    ]
}
);

```

Sample JSON

The requirement is you must pass in the *format=json* parameter

```

GET /OHCWebServices/OHCWebServices.asmx/FidelioSPMSWSJsonGet?
psFunction='WSFunction'&psSessionID='SessionID'&psParam=['GetCabin','05
002']&format=json HTTP/1.0
Host: localhost
Or
http://localhost/OHCWebServices/OHCWebServices.asmx/
FidelioSPMSWSJsonGet?
psFunction='WSFunction'&psSessionID='SessionID'&psParam=['GetCabin','05
002']&format=json

```

Below are the sample response that returns two tables, and the text in red represents the second table.

```

{
  "bSuccess":true,
  "sErrMsg":"",
  "sTables":{"Table1": {
    "CAB_ID": "05002",
    "CAB_DECK": "D05  ",
    "DECK_DESC": "DECK 05",
    "CAB_DESIGN": "P",
    "CAB_TYPE": "CD4  ",
    "TYPE_DESC": "CD4 - O/C Porthole (D4, D5,
D6)",
    "CAB_STATION": "B  ",

```

```
        "MST_NAME": "ASSEMBLY STATION B",
        "CAB_MODDATE": "2011-10-27T10:26:43"
    },
    "Table2": [
        {
            "TYP_ART": "D00  ",
            "TYP_COMMENT": "SEAT 1"
        },
        {
            "TYP_ART": "D02  ",
            "TYP_COMMENT": "DECK 02"
        },
        {
            "TYP_ART": "D03  ",
            "TYP_COMMENT": "DECK 03"
        },
        {
            "TYP_ART": "D04  ",
            "TYP_COMMENT": "DECK 04"
        },
        {
            "TYP_ART": "D05  ",
            "TYP_COMMENT": "DECK 05"
        },
        {
            "TYP_ART": "D06  ",
            "TYP_COMMENT": "DECK 06"
        },
        {
            "TYP_ART": "D07  ",
            "TYP_COMMENT": "DECK 07"
        },
        {
            "TYP_ART": "D08  ",
            "TYP_COMMENT": "DECK 08"
        },
        {
            "TYP_ART": "D09  ",
            "TYP_COMMENT": "DECK 09"
        },
        {
            "TYP_ART": "D10  ",
            "TYP_COMMENT": "DECK 10"
        },
        {
            "TYP_ART": "D11  ",
            "TYP_COMMENT": "DECK 11"
        },
        {
            "TYP_ART": "D12  ",
            "TYP_COMMENT": "DECK 12"
        },
        {
            "TYP_ART": "D88  ",
            "TYP_COMMENT": "PAX TEMP CABIN"
        }
    ]
}
```

```

    },
    {
      "TYP_ART": "D99  ",
      "TYP_COMMENT": "CREW TEMP CABIN"
    }
  ]
}"
}

```

FidelioSPMSWSJsonPost

This function supports JSON post only. It does not support JSON get and JSONP get.

Table 3-2 FidelioSPMSWSJsonPost Input Parameters

Parameter	Type	Description	Required
psFunction	String	Function to call	Yes
psSessionID	String	Session ID	Yes
psParam	Array of String	The field value will depend on the Function. Please refer to function detail for each available parameters	Optional

Below are the description of the parameters.

psFunction

The 'psFunction' is the function name to be called.

psSessionID

The SessionID is a unique ID returned by SPMS WebService after a successful login function. This field is required in all function calls *except* login function.

The session has a timeout of *60 minutes* from the last function call and value is configurable in the *web.config* file.

```
<add key="Idle Timeout" value="60"/>
```

When a function is called and if it returns below error, you *must* reverify by performing another function call.If failed, then re-login and retry.

```
Const SESSIONEXPIRY = "Session Expired"
```

```
Const INVALIDSESSIONID = "Invalid Session ID or Session Expiry"
```

When you call a function and it returns below error, you *must* change the password and retry.

```
Const PLEASECHANGEPASSWORD = "Please change your password first"
```

poParam

The field value depends on the Function called. Please refer to the function details for each available parameters.

Return Values

Return the below Class value. The variable **bSuccess** is used to determine if the function call is successful or fail. If fail, **sErrMsg** will be populated with the error message. All other field will depend on the function call.

```
Public Class CResponseJson
    Public bSuccess As Boolean
    Public sErrMsg As String
    Public sTables As String
    Public nTotalPage As Integer
    Public sPackageInfo As String
    Public sCrewInvoice As String
    Public sObj As String
End Class
```

Note:

- oDataSet, oPassenger, oGuestInfo, oGuest and oAdvanceLoyalty will be serialized to **sTables**.
- oPackageInfo will be serialized to **sPackageInfo**.
- oCrewInvoice will be serialized to **sCrewInvoice**.
- oObj will be serialized to **sObj** and **sTables**.

Sample JSON

The requirement is you must pass in the Content-Type: application/json; charset=utf-8

POST /OHCWebServices/OHCWebServices.asmx/FidelioSPMSWSJsonPost HTTP/1.0

Host: localhost

Content-Type: application/json; charset=utf-8

Content-Length: 69

```
{psFunction:'WSFunction',psSessionID:'SessionID',psParam:['GetCabin','05002']}
```

Below is the sample response that return two tables and the text in red represent the second table.

```
{
  "bSuccess":true,
  "sErrMsg":"","
  "sTables":{"Table1": {
    "CAB_ID": "05002",
    "CAB_DECK": "D05",
    "DECK_DESC": "DECK 05",
    "CAB_DESIGN": "P",
  },
  "Table2": {
    "CAB_ID": "05002",
    "CAB_DECK": "D05",
    "DECK_DESC": "DECK 05",
    "CAB_DESIGN": "P",
  }
  }
}
```

```
    "CAB_TYPE": "CD4  ",
    "TYPE_DESC": "CD4 - O/C Porthole (D4, D5,
D6)",
    "CAB_STATION": "B  ",
    "MST_NAME": "ASSEMBLY STATION B",
    "CAB_MODDATE": "2011-10-27T10:26:43"
  },
  "Table2": [
    {
      "TYP_ART": "D00  ",
      "TYP_COMMENT": "SEAT 1"
    },
    {
      "TYP_ART": "D02  ",
      "TYP_COMMENT": "DECK 02"
    },
    {
      "TYP_ART": "D03  ",
      "TYP_COMMENT": "DECK 03"
    },
    {
      "TYP_ART": "D04  ",
      "TYP_COMMENT": "DECK 04"
    },
    {
      "TYP_ART": "D05  ",
      "TYP_COMMENT": "DECK 05"
    },
    {
      "TYP_ART": "D06  ",
      "TYP_COMMENT": "DECK 06"
    },
    {
      "TYP_ART": "D07  ",
      "TYP_COMMENT": "DECK 07"
    },
    {
      "TYP_ART": "D08  ",
      "TYP_COMMENT": "DECK 08"
    },
    {
      "TYP_ART": "D09  ",
      "TYP_COMMENT": "DECK 09"
    },
    {
      "TYP_ART": "D10  ",
      "TYP_COMMENT": "DECK 10"
    },
    {
      "TYP_ART": "D11  ",
      "TYP_COMMENT": "DECK 11"
    },
    {
      "TYP_ART": "D12  ",
      "TYP_COMMENT": "DECK 12"
    }
  ]
}
```

```

        },
        {
            "TYP_ART": "D88  ",
            "TYP_COMMENT": "PAX TEMP CABIN"
        },
        {
            "TYP_ART": "D99  ",
            "TYP_COMMENT": "CREW TEMP CABIN"
        }
    ]
}
}
```

FidelioSPMSWSXML

This function only supports Simple Object Access Protocol (SOAP).

Table 3-3 FidelioSPMSWSXML Input Parameters

Parameter	Type	Description	Required
psFunction	String	Function to call	Yes
psSessionID	String	Session ID	Yes
poParam	Array of Object	The field value will depend on the Function. Please refer to function detail for each available parameters	Optional

psFunction

The 'psFunction' is the function name to be called.

psSessionID

The SessionID is a unique ID returned by SPMS WebService after a successful login function. This field is required in all function calls *except* login function.

The session has a timeout of *60 minutes* from the last function call and value is configurable in the *web.config* file.

```
<add key="Idle Timeout" value="60"/>
```

When a function is called and if it returns below error, you *must* reverify by performing another function call. If failed, then re-login and retry.

```
Const SESSIONEXPIRY = "Session Expired"
```

```
Const INVALIDSESSIONID = "Invalid Session ID or Session Expiry"
```

When you call a function and it returns below error, you *must* change the password and retry.

```
Const PLEASECHANGEPASSWORD = "Please change your password first"
```

Please make sure you change the *app.config* in order for this to work.

```
<readerQuotas maxDepth="32" maxStringContentLength="100000"  
maxArrayLength="16384"
```

poParam

The field value depends on the Function called. Please refer to the function details for each available parameters.

Return Values

Return the below Class value. The variable **bSuccess** is used to determine if the function call is successful or fail. If fail, **sErrMsg** will be populated with the error message. All other field will depend on the function call.

```
Public Class CResponseXml  
    Public bSuccess As Boolean  
    Public sErrMsg As String  
    Public oTables() As Data Table  
    Public oPassenger As CPassenger  
    Public oGuestInfo() As CiPos.iGuestInfo  
    Public oObj As Object  
    Public oPeopleCount As CFCSecurity.PeopleCount  
    Public oAdvanceLoyaltyDiscount As CiPos.CAdvanceLoyaltyDiscount  
    Public nTotalPage As Integer  
    Public oCreditCard As COHCCreditCard  
    Public oTerminal As TerminalNotification  
End Class
```

Sample XML

For example,

```
Public goWS As New FidelioSPMSWS.FidelioSPMSWSSoapClient  
  
Dim oResponse As FidelioSPMSWS.CResponseXml  
  
oResponse = goWS.FidelioSPMSWSXML("WSFunction", _  
    "Session", _  
    New Object() {"GetCabin", _  
        "05002"})
```

4

Functions

This following sections describes the Webservice functions with its required parameters and return values.

ActivateCreditCard

This function deactivates the credit card of the guest.

Input Parameters

psFunction="DeactivateCreditCard", below is the list of psParam or poParam.

Table 4-1 psParam

Parameter	Type	Description	Required
pnCrdID	Integer	Unique Credit Card ID	Yes
pbAssignInvoice1	Boolean	Assign the Credit Card to Invoice 1	Yes
pbAssignInvoice2	Boolean	Assign the Credit Card to Invoice 2	Yes
pbAssignInvoice3	Boolean	Assign the Credit Card to Invoice 3	Yes
pbAssignInvoice4	Boolean	Assign the Credit Card to Invoice 4	Yes

Return Values

CResponseXml.bSuccess = False when Update failed.

CResponseXml.bSuccess = True when Update successful.

Example:

```
oResponse = goWS.FidelioSPMSWSXML("ActivateCreditCard", "SessionID", New  
Object() {12345, True, True, True, True})
```

AddHKTask

This function adds new housekeeping task created externally into SPMS database.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction="AddHKTask", below is the list of poParam

Table 4-2 psParam

Parameter	Type	Description	Required
pdTaskDate	Date	Housekeeping Task Date	Yes
psCabin	String	Cabin Number	Yes
psLocation	String	Location	Yes
pnStatus	Integer	0-Pending, 1-Started, 2-Completed	Yes
pnCrewID	Integer	Task assigned to this Crew ID	Yes
pnTaskID	Integer	Housekeeping Task ID	Yes
pnPortID	Integer	Port ID	Yes
psComment	String	Task Comments	

Return Values

CResponseXml.bSuccess = False when AddHKTask has failed

CResponseXml.bSuccess = True when AddHKTask is successful

Example

```
oResponse = goWS.FidelioSPMSWSXML("AddHKTask", "Session ID", New Object()
{DateTime.SpecifyKind(DEFAULT_DATE, DateTimeKind.Unspecified), <Cabin>,
<Location>, 0, 123, 2, 123, <Comments>})
```

AddRouting

This function allows you to add the routing, please take note we support both - all department route from passenger A to passenger B and route specify department from passenger A to passenger C. The individual department routing will take priority.

For JSON the array of string will be a string separated by ",", each string must start and end with a double quotation mark ("").

For example,

"A","B" = 2 Element

Element 1 = A,"

Element 2 = B,

Input Parameters

psFunction="AddRouting", below is the list of psParam or poParam.

Table 4-3 psParam

Parameter	Type	Description	Required
pnBuyer	Integer	Unique Buyer Account ID	Yes
pnPayer	Integer	Unique Payer Account ID	Yes
pnWindow	Integer	Invoice Window (0 to 3) only	Yes
psNote	String(40)	Reason of the routing	Yes
psDept	Array of String(10)	Array of department	Yes

Below are the description of the parameters.

pnBuyer

Unique Buyer Account ID

pnPayer

Unique Payer Account ID

pnWindow

Invoice Window, valid value 0 to 3, the default is 0, if the buyer and payer are the same then the valid value is 1 to 3.

psNote

Reason of the routing. The field can be empty.

psDept

An array of department. If the routing is all department, please pass in nothing or an empty array. Please note if the department pass in does not exist, it will just skip, no error will be return.

Return Values

CResponseXml.bSuccess = False when Add Routing failed.

CResponseXml.bSuccess = True when Add Routing successful.

Example

```
oResponse = goWS.FidelioSPMSWSXML("AddRouting", "SessionID", New Object()
{12345,12346,0,"Testing",New String() {"9011","9012"}})
```

AdvanceGuestSearch

This function searches for a guest with various criteria from the SPMS system

Input Parameters

psFunction="AdvanceGuestSearch", below is the list of psParam or poParam.

Table 4-4 psParam

Parameter	Type	Description	Required
psCabCategory	String	Cabin Category	Yes
psNationalty	String	Nationality	Yes
psVipStatus	String	Guest Classification	Yes
psPosDiscountLevel	String	Loyalty Discount Level	Yes
pnGrpID	Integer	Group ID	Yes
peGuestType	GuestType	Guest Type Enumerator	Yes
peReservationType	ReservationType	Reservation Type Enumerator	Yes
pdDate	Date	Embarkation Date	Yes
Pnscdid	Integer	Current port id	Optional
Peonboardstatus	Onboardstatus	0 – all 1 – onboard 2 – shoreside	Optional

Below are the description of the parameters.

psCabCategory

This is the search the guest stays in the specific cabin category, enter blank to skip this criteria.

psNationality

This is the search the guest nationality, enter blank to skip this criteria.

psVipStatus

This is the search the guest classification, enter blank to skip this criteria.

psPosDiscountLevel

This is the search the guest POS Discount Level, enter blank to skip this criteria.

pnGrpID

This is the search the guest base on the group, enter 0 to skip this criteria.

peGuestType

(Enumerator)

Guest	0	=>	Search guest matching search criteria
Crew	1	=>	Search crew matching search criteria
Visitor	2	=>	Search visitor matching search criteria
All	3	=>	Search guest, crew, visitor matching search criteria

peReservationType

(Enumerator)Reserve = Search only passenger with reservation status only. Note: visitor always have reservation status only

Reserve	0	=>	Reservation passenger
CheckIn	1	=>	Search only passenger that had check-in
All	2	=>	Search both check-in and reserve passenger
CheckOut	3	=>	Search check-out passenger only
ReserveFCManagement	4	=>	Reservation passenger, for shore viewer
CheckInFCManagement	5	=>	Search only passenger that had check-in, for shore viewer
CheckOutFCManagement	6	=>	Search check-out passenger only, for shore viewer
Cancelled	7	=>	Canceled reservation passenger.

pdDate

Embarkation date, if you want to search for all guest regardless of the embarkation date, pass in #12:00:00AM#

Return Values

CResponseXml.bSuccess = False when input values are invalid or no record found.

CResponseXml.bSuccess = True and CResponseXML.oTables(0) = ADO.NET data table when input values are valid. The data table will contain all fields in uxp and res table, See SPMS Data Dictionary for details of the data fields.

Example

```
oResponse = goWS.FidelioSPMSWSXML("AdvanceGuestSearch", "SessionID", New
Object() {"D04", "", "", "", 0, 3, 0, #01-01-2011#})
```

AmenityCompleted

This function updates the amenity status as "Completed".

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction="AmenityCompleted", below is the list of psParam or poParam.

Table 4-5 psParam

Parameter	Type	Description	Required
pnAmeID	Integer	Amenity Unique ID	Yes

Return Values

CResponseXml.bSuccess = False when Update failed.

CResponseXml.bSuccess = True when Update successful.

Example

```
oResponse = goWS.FidelioSPMSWSXML("AmenityCompleted", "SessionID", New
Object() {12334})
```

ApproveCrewWorkedHoursDaily

This function approves the crew worked hours for a specified date.

Input Parameters

psFunction="ApproveCrewWorkedHoursDaily", below is the list of psParam or poParam.

Table 4-6 psParam

Parameter	Type	Description	Required
pnAcclID	Integer	Unique Crew Account ID.	Yes
pdDayToApprove	Date	Date of the worked hours to be approved	Yes

Return Values

CResponseXml.bSuccess = False when Update failed.

CResponseXml.bSuccess = True when Update successful

Example

```
oResponse = goWS.FidelioSPMSWSXML("ApproveCrewWorkedHoursDaily",
"SessionID", New Object() {12345, DateTime.SpecifyKind(DEFAULT_DATE,
DateTimeKind.Unspecified)})
```

ChangeBoardStatus

This function toggles the onboard/offboard status of the passenger.

Input Parameters

psFunction="ChangeBoardStatus", below is the list of psParam or poParam.

Table 4-7 psParam

Parameter	Type	Description	Required
pnAcclID	Integer	Unique Account ID	Yes
pbSwipe	Boolean	True, the info is captured using swipe card, False, the info is manually entered.	Yes
pbResponseYes	Boolean	Default response to confirmation message.	Yes

Below are the description of the parameters.

pnAccID

Unique Account ID

pbSwipe

True, the info is captured using swipe card,

False, the info is manually entered.

pbResponseYes

The default response to the confirmation message, including define security action message prompt. For example,

- Warning! Resident is NOT expected today. Are you sure you want to check-in?
- Do you want to Check-In <Guest Name>?
- This person is on duty and ashore denied, do you want to override the onboard status?
- This person is ashore denied, do you want to override the onboard status?

Return Values

CResponseXml.bSuccess = False when Status change failed.

CResponseXml.bSuccess = True when Status change successful.

In both instances, CResponse.oObj return the guest onboard status 0 – Onboard, 1- Shore Side

Example

```
oResponse = goWS.FidelioSPMSWSXML("ChangeBoardStatus", "SessionID", New Object()
{123456, True, True})
```

ChangePassword

This function changes the user password.

Input Parameters

psFunction="ChangePassword", below is the list of psParam or poParam.

Table 4-8 psParam

Parameter	Type	Description	Required
psOldPassword	String	Plain Text Password	Yes
psNewPassword	String	New Password, due to system limitation we cannot hash this value, so it will be plain text	Yes

psOldPassword

Plain text password

psNewPassword

Plain text password

Return Values

CResponseXml.bSuccess = True when change password is successful

CResponseXml.bSuccess = False when change password has failed

CheckCabinAvailable

This function checks the cabin availability for the specific booking date.

Input Parameters

psFunction="CheckCabinAvailable", below is the list of psParam or poParam.

Table 4-9 psParam

Parameter	Type	Description	Required
psCabin	String	Cabin Number	Yes
pdEmbDate	Date	Embarkation Date	Yes
pdDisDate	Date	Disembarkation Date	Yes
pnAcclD	Array of Integer	Array of Unique Account ID	Yes

Return Values

CResponseXml.bSuccess = False when Cabin is not available, the reason will be return as error message

CResponseXml.bSuccess = True when Cabin is available

Example

```
oResponse = goWS.FidelioSPMSWSXML("CheckCabinAvailable", "", New Object()
{"05002", DateTime.SpecifyKind(#1/1/2011#,
DateTimeKind.Unspecified),_DateTime.SpecifyKind(#2/1/2011#,
DateTimeKind.Unspecified),12334})
```

CheckIn

This function checks in the expected guest into the SPMS system.

Input Parameters

psFunction="CheckIn", below is the list of psParam or poParam.

Table 4-10 psParam

Parameter	Type	Description	Required
pnAcclD	Integer	Unique Guest Id	Yes

Below are the description of the parameters.

pnAccID

This is the SPMS Guest Unique ID; this value can be retrieved using GuestSearch function. The field name is UXP_A_ID.

Return Values

CResponseXml.bSuccess = True when check-in is successful

CResponseXml.bSuccess = False when check-in has failed

Returns *True* when check-in is successful

Returns *False* when check-in has failed



Note:

The **UpdateGuestInfo** must be called before the **CheckIn** function. This is because the **CheckIn** function will also update the guest record and may overwrite any previous updates. If a **CheckIn** is called before **UpdateGuestInfo**, another call to **GuestSearch** must be made again before an update is allowed.

Example

```
oResponse = goWS.FidelioSPMSWSXML("CheckIn", "SessionID", New Object() {12345})
```

CheckSag

This function allows the client to check for custom Gangway alert info.

Input Parameters

psFunction="CheckSag", below is the list of psParam or poParam.

Table 4-11 psParam

Parameter	Type	Description	Required
pnAccID	Integer	Unique Account ID	Yes
pbShoreToShip	Boolean	True-From Shore to Ship, False from Ship to Shore	Yes

Return Values

CResponseXml.bSuccess = Always return True

CResponseXML.oObj(0)

0-Allow Pass

1-Allow Overwrite

2-Denied Pass

CResponseXML.oObj(1)

Message to show the guest

Example

```
oResponse = goWS.FidelioSPMSWSXML("CheckSag", "SessionID", New Object()
{12345, True})
```

ClockInMobile

This function allows a clock-in transaction.

Input Parameters

psFunction="ClockInMobile", below is the list of psParam or poParam.

Table 4-12 psParam

Parameter	Type	Description	Required
pnAccID	Integer	Unique Crew Account ID.	Yes
pnWorkCodeId	Integer	Task Work Code ID. TARS_ID	Yes

Return Values

CResponseXml.bSuccess = False when Update failed.

CResponseXml.bSuccess = True when Update successful

Example

```
oResponse = goWS.FidelioSPMSWSXML("ApproveCrewWorkedHours", "SessionID",
New Object() {12345, 2})
```

ClockInOutGetStatus

This function retrieves the last clock-in/out transaction of the crew.

Input Parameters

psFunction="ClockInOutGetStatus", below is the list of psParam or poParam.

Table 4-13 psParam

Parameter	Type	Description	Required
psBoardCardNo	String	Crew boardcard number (RES_BOARDCC) Either psBoardCardNo or pnAccID is required.	
pnAccID	Integer	Unique Crew Account ID. Either psBoardCardNo or pnAccID is required.	

Return Values

CResponseXml.bSuccess = False when Update failed.

CResponseXml.bSuccess = True when Update successful, CResponse.oDataset will have 1 Data Table.

Table 4-14 ADO.NET Data Table field structure for data table (“CLOCKINOUT_STATUS”)

Code	Type	Description
TARS_ID	Integer	Unique task work code ID
TARS_CODE	String	Task work code
TARS_NAME	String	Task work name
TCLK_DATETIMESTAMP	Date	Clock-in/out datetime stamp
TCLK_IN_OUT	String	'I' for clock-in, 'O' for clock-out
CRW_NAME	String	Last Name
CRW_FSTN	String	First Name
CRW_DIV	String	Department
CRW_STAFF_POS	String	Position
RES_CAB	String	Cabin Number

Example

```
oResponse = goWS.FidelioSPMSWSXML("ClockInOutGetStatus", "SessionID", New
Object() {"12345", 0})
```

ClockOutMobile

This function allows a clock-out transaction.

Input Parameters

psFunction="ClockOutMobile", below is the list of psParam or poParam.

Table 4-15 psParam

Parameter	Type	Description	Required
pnAcclID	Integer	Unique Crew Account ID.	Yes
pnWorkCodeId	Integer	Task Work Code ID. TARS_ID Optional, if 0 then will use the last clock-in task work code id	

Return Values

CResponseXml.bSuccess = False when Update failed.

CResponseXml.bSuccess = True when Update successful

Example

```
oResponse = goWS.FidelioSPMSWSXML("ApproveCrewWorkedHours", "SessionID",
New Object() {12345, 0})
```

DeactivateCreditCard

This function deactivates the credit card for the gues

Input Parameters

psFunction="DeactivateCreditCard", below is the list of psParam or poParam.

Table 4-16 psParam

Parameter	Type	Description	Required
pnCrdID	Integer	Unique Credit Card ID	Optional
pnAccID	Integer	Unique Account ID	Optional

Either pnCrdID or pnAccID must be pass in a valid value

pnCrdID > 0 mean deactivate single credit card record

pnAccID > 0 mean deactivate all credit card belong to the guest

If both pnCrdID > 0 and pnAccID > 0, we will deactivate single credit card record base on pnCrdID

Return Values

CResponseXml.bSuccess = False when Update failed.

CResponseXml.bSuccess = True when Update successful.

Example:

```
oResponse = goWS.FidelioSPMSWSXML("DeactivateCreditCard", "SessionID", New
Object() {12345,0})
```

DeleteAmenity

This function deletes the guest amenity.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "DeleteAmenity", below is the list of psParam or poParam.

Table 4-17 psParam

Parameter	Type	Description	Required
pnAmeID	Integer	Unique Amenity ID	Yes

Return Values

CResponseXml.bSuccess = False when Delete failed.

CResponseXml.bSuccess = True when Delete successful.

Example:

```
oResponse = goWS.FidelioSPMSWSXML("DeleteAmenity", "SessionID", New Object()
{12345})
```

DeleteComment

This function deletes the guest comment.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "DeleteComment", below is the list of psParam or poParam.

Table 4-18 psParam

Parameter	Type	Description	Required
pnCplID	Integer	Unique Guest Comment ID	Optional
pnCplLinkID	Integer	Guest Comment Link ID	Optional

You need to pass in either pnCplID or pnCplLinkID.

If pnCplLinkID > 0 mean it will delete all comment including the resolution for the same link id.

If pnCplID > 0 then it will only delete the single comment (only the comment will be deleted)

Return Values

CResponseXml.bSuccess = False when Delete failed.

CResponseXml.bSuccess = True when Delete successful.

Example:

```
oResponse = FidelioWS("DeleteComment", New Object() {1234,0})
```

DeleteGuestMessage

This function deletes the guest message.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "DeleteGuestMessage", below is the list of psParam or poParam.

Table 4-19 psParam

Parameter	Type	Description	Required
pnMsgID	Integer	Unique Message ID	Yes

Return Values

CResponseXml.bSuccess = False when Delete failed.

CResponseXml.bSuccess = True when Delete successful.

Example:

```
oResponse = goWS.FidelioSPMSWSXML("DeleteGuestMessage", "SessionID", New
Object() {12345})
```

DeleteLuggageLink

This function removes the luggage link for the guest.

Input Parameters

psFunction= "UpdateRFIDEncoded", below is the list of psParam or poParam.

Table 4-20 psParam

Parameter	Type	Description	Required
psRFIDUID	String(16)	Convert the value to HEX	Yes

Return Values

CResponseXml.bSuccess = False when Update failed.

CResponseXml.bSuccess = True when Update successful.

Example:

```
oResponse = goWS.FidelioSPMSWSXML("DeleteLuggageLink", "SessionID", New
Object() {"E01581A07C123B"})
```

DeleteResolution

This function deletes the guest comment.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "DeleteResolution", below is the list of psParam or poParam.

Table 4-21 psParam

Parameter	Type	Description	Required
pnCplLinkID	Integer	Guest Comment Link ID	Yes

Return Values

CRResponseXml.bSuccess = False when Delete failed.

CRResponseXml.bSuccess = True when Delete successful.

Example:

```
oResponse = FidelioWS("DeleteResolution", New Object() {1243})
```

DeleteRouting

This function deletes the routing, you can either delete all routing or delete individual department routing. Deleting all routing also delete all individual department routing.

For JSON, the array of string will be a string separated by “,”, each string must be start and end with a double quotation mark (“”).

For example,

“A,””,”B,” = 2 Element

Element 1 = A,”

Element 2 = B,

Input Parameters

psFunction= “DeleteRouting”, below is the list of psParam or poParam.

Table 4-22 psParam

Parameter	Type	Description	Required
psSearchStr	String	Unique Buyer Account ID or Board Card or PGID or Pax ID depends on the peSearchType	Yes
psDept	Array of String(10)	Array of department	Yes
peSearchType	Enum	InternalID = 0 'res_acc PGID = 1 'res_pgid BoardCard = 2 'res_boardcc PaxID = 3 'res_referenz	Optional

Below are the description of the parameters.

psSearchString

Unique Buyer Account ID or
Board Card or
PGID or
Pax ID depends on the peSearchType

psDept

An array of department, if the routing is all department, please pass in nothing or an empty array. Please note if the department pass in does not exist, it will just skip, no error will be return.

peSearchType

InternalID = 0 'res_acc'
PGID = 1 'res_pgid'
BoardCard = 2 'res_boardcc'
PaxID = 3 'res_referenz'

Return Values

CResponseXml.bSuccess = False when Delete Routing failed.

CResponseXml.bSuccess = True when Delete Routing successful.

Example:

```
oResponse = goWS.FidelioSPMSWSXML("DeleteRouting", "SessionID", New
Object() {12345,2,New String() {"9011","9012"}})
```

DeleteSpecialRequest

This function deletes the guest amenity.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "DeleteSpecialRequest", below is the list of psParam or poParam.

Table 4-23 psParam

Parameter	Type	Description	Required
pnSrtID	Integer	Unique Special Request ID	Yes

Return Values

CResponseXml.bSuccess = False when Delete failed.

CResponseXml.bSuccess = True when Delete successful.

Example:

```
oResponse = goWS.FidelioSPMSWSXML("DeleteSpecialRequest", "SessionID", New
Object() {12345})
```

DeleteTravelDoc

This function deletes the travel document record.

Input Parameters

psFunction= "DeleteTravelDoc", below is the list of psParam or poParam.

Table 4-24 psParam

Parameter	Type	Description	Required
pnVisID	Integer	Unique Travel Document ID	Yes

Return Values

CResponseXml.bSuccess = False when Delete failed.

CResponseXml.bSuccess = True when Delete successful.

Example:

```
oResponse = goWS.FidelioSPMSWSXML("DeleteTravelDoc", "SessionID", New Object()
{12345})
```

DeleteWorkOrder

This function deletes the maintenance work order.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "DeleteWorkOrder", below is the list of psParam or poParam.

Table 4-25 psParam

Parameter	Type	Description	Required
pnMwrID	Integer	Unique Work Order ID	Yes
psReason	String(1000)	Reason to delete	Yes

Return Values

CResponseXml.bSuccess = False when Delete failed.

CResponseXml.bSuccess = True when Delete successful.

Example:

```
oResponse = goWS.FidelioSPMSWSXML("DeleteWorkOrder", "SessionID", New Object()
{12345, "Testing"})
```


DeleteWorkOrderAssignment

This function removes a person/group from the maintenance work order.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "DeleteWorkOrderAssignment", below is the list of psParam or poParam.

Table 4-26 psParam

Parameter	Type	Description	Required
pnMwaID	Integer	Unique Work Order Assignment ID	Yes

Return Values

CResponseXml.bSuccess = False when Delete failed.

CResponseXml.bSuccess = True when Delete successful.

Example:

```
oResponse = goWS.FidelioSPMSWSXML("DeleteWorkOrderAssignment",
"SessionID", New Object() {12345})
```

DeleteWorkOrderImage

This function deletes the maintenance work order image.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "DeleteWorkOrderImage", below is the list of psParam or poParam.

Table 4-27 psParam

Parameter	Type	Description	Required
pnMwpID	Integer	Unique Work Order Image ID	Yes

Return Values

CResponseXml.bSuccess = False when Delete failed.

CResponseXml.bSuccess = True when Delete successful.

Example:

```
oResponse = goWS.FidelioSPMSWSXML("DeleteWorkOrderImage", "SessionID", New
Object() {12345})
```

DeleteWorkOrderItem

This function deletes the maintenance work order item.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "DeleteWorkOrderItem", below is the list of psParam or poParam.

Table 4-28 psParam

Parameter	Type	Description	Required
pnMwilD	Integer	Unique Work Order Item ID	Yes

Return Values

CResponseXml.bSuccess = False when Delete failed.

CResponseXml.bSuccess = True when Delete successful.

Example:

```
oResponse = goWS.FidelioSPMSWSXML("DeleteWorkOrderItem", "SessionID", New
Object() {12345})
```

EvtBooking

This function creates an event booking in SPMS.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "EvtBooking", below is the list of psParam or poParam.

Table 4-29 psParam

Parameter	Type	Description	Required
pnAccID	Integer	Unique Guest Id	Yes
psUniqID	String(30)	Unique Event Booking ID	Yes
pnEvtID	Integer	Event ID	Yes
psPriceCategory	String(6)	Price Category Code	Yes
psPersonGroup	String(6)	Person Group Code	Yes
pnTicket	Integer	Number of Tickets	Yes
psNotes	String(50)	Notes (Default Empty)	Optional
psPin	String(4)	Pin Code (Default Empty)	Optional
psSource	String(100)	Booking Source (Default Empty)	Optional

Table 4-29 (Cont.) psParam

Parameter	Type	Description	Required
pbForceBooking	Boolean	True = Allow posting even the guest does not have credit limit or posting is disabled, False – Normal posting	Yes
pbIsFixedSeating	Boolean	True-Fixed Seating assignment booking, False – regular free seating booking	Optional
pnSeatID	Integer	Seat ID	Optional
pnPriceID	Integer	Price ID	Optional

pnAccID

Unique Guest Id, return from SearchPassenger.

psUniqID

The field identifies the booking unique ID within the entire external system. The field is used as a cross-reference to obtain detailed information about all the transactions recorded on a booking.

pnEvtID

The field identifies the unique event Id. This Id can be obtained through GetEvent WebMethod. The field is an internal, unique event number.

psPriceCategory

The field identifies the Price Category. This Price Category can be obtained through GetEvent WebMethod message. This field is an internal, unique price category code.

psPersonGroup

The field identifies the Person Group. This Person Group can be obtained through GetEvent WebMethod message. This field is an internal, unique person group code.

pnTicket

The field identifies the number of tickets to book.

psNotes

The field identifies the additional information send by third-party.

psPin

The field identifies the telephone PIN code of the reservation account. The valid character is 0,1,2,3,4,5,6,7,8,9. Leading zero support depends on SPMS Parameter setting.

psSource

The field identifies the source of the booking. For example, Workstation Id, Kiosk Id, etc. or any other details describing the location where the booking was made.

pbForceBooking

True = Allow posting even the guest do not have a credit limit or posting is disabled. This is applicable to check-in guest only.

False = Normal posting

pbIsFixedSeating

True-Fixed Seating assignment booking, False – regular free seating booking

pnSeatID

The field identifies the unique seat identification number. This ID can be obtained through GetSeatingZoneAvailability WebMethod. The field is an internal, unique seat number.

pnPriceID

The field identifies the unique pricing setup identification number. This ID can be obtained through GetEvent WebMethod. The field is an internal, unique pricing setup number.

Return Values

CResponseXml.bSuccess = False when input values are invalid or no record found.

CResponseXml.bSuccess = True and CResponseXML.oTables(0) = ADO.NET data table when input values are valid.

Table 4-30 ADO.NET Data Table field structure for data table xxx

Code	Type	Description
Code	Type	Description
AccID	Integer	Account Posted
Balance	Double	Account Balance
CruiseID	Integer	Posted Cruise ID

AccID

The account posted can be different from the pnAccID pass in if the pbForceBooking is set to True and the said account does not exist and not allow to do posting the return value will be internal system error account id.

Balance

The field identifies the balance after the posting is applied. This field can return positive (account is to be invoiced) or negative (account prepaid) value.

CruiseID

The field identifies the posted cruise id.

Example:

```
oResponse = goWS.FidelioSPMSWSXML("EvtBooking", "SESSIONID", New Object()
{12345, 37464, 245457, "123", "A", 1, "", "", "", False})
```

For fixed seating assignment bookings:

```
oResponse = goWS.FidelioSPMSWSXML("EvtBooking", "SESSIONID", New Object()
{12345, 37464, 245457, "123", "A", 1, "", "", "", False, True, 802, 762})
```

ExcBooking

This function creates an excursion booking in SPMS.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "ExcBooking", below is the list of psParam or poParam.

Table 4-31 psParam

Parameter	Type	Description	Required
pnAcclID	Integer	Unique Guest Id	Yes
psUniqID	String(30)	Unique Excursion Booking ID	Yes
pnExclID	Integer	Excursion ID	Yes
pnAdultTicket	Integer	Number of Adult Tickets	Yes
pnChildTicket	Integer	Number of Child Tickets	Yes
pnAdultPromoID	Integer	Adult Promotion ID (Default = 0)	Optional
pnChildPromotID	Integer	Child Promotion ID (Default = 0)	Optional
psLanguage	String(2)	ISO Language Code (Default Empty)	Optional
psNotes	String(50)	Notes (Default Empty)	Optional
psPin	String(4)	Pin Code (Default Empty)	Optional
psSource	String(100)	Booking Source (Default Empty)	Optional
pbForceBooking	Boolean	True = Allow posting even the guest does not have credit limit or posting is disabled. False – Normal posting	Yes
pbKiosk	Boolean	Kiosk Flag	Optional
pbySigImage	Array of Byte	Signature Byte Array	Optional
pbPercentageDiscount	Boolean	True = Percentage Discount, False = Value Discount	Optional
pnDiscount	Decimal	Discount Percentage Rate or Discount Value depends on pbPercentageDiscount	Optional
pnOvewriteSalesPrice	Decimal	User define price	Optional
pnWeight	Decimal	Weight, 0 if overweight is not used, > 0 it will charge overweight depend on the setup	Optional
pnHeight	Decimal	Height, for info only	Optional

Table 4-31 (Cont.) psParam

Parameter	Type	Description	Required
pbAllowWaitList	Boolean	True = Allow Wait List when shore excursion is fully booked, False = Return error when shore excursion is fully booked.	Optional
pnParticipant	Integer	Unique Guest Id for the person who will take part in the excursion	Optional

pnAccID

Unique Guest Id, return from SearchPassenger.

psUniqID

The field identifies the booking unique ID within the entire external system. The field is used as a cross-reference to obtain detailed information about all the transactions recorded on a booking.

pnExclID

The field identifies the unique excursion identification number. This ID can be obtained through GetExcursion WebMethod. The field is an internal, unique excursion number.

pnAdultTicket

The field identifies the number of adult priced tickets to book.

pnChildTicket

The field identifies the number of child priced tickets to book.

pnAdultPromoID

The field identified the adult promotion id, if this field is ignored, the guest will still entitle for promotion price if available, else normal price will be applied. If promotion id is sent and promotion price no longer available, an error message will return.

For example, if promotion price only valid for 1 seat and the guest try to book 2 seats.

- With pnAdultPromoID send
An error message will return indicate only 1 seat is available.
- Without pnAdultPromoID send
Booking done with 1 seat at promotion price and 1 seat at normal price.

pnChildPromoID

The field identified the child promotion id, if this field is ignored, the guest will still entitle for promotion price if available else normal price will be applied. If promotion id is sent and promotion price no longer available, an error message will return.

psLanguage

The field identifies the language id of the tour.

psNotes

The field identifies the additional information send by third-party.

psPin

The field identifies the telephone PIN code of the reservation account. The valid character is 0,1,2,3,4,5,6,7,8,9. Leading zero support depends on SPMS Parameter setting.

psSource

The field identifies the source of the booking. For example, Workstation Id, Kiosk Id, etc. or any other details describing the location where the booking was made.

pbForceBooking

True = Allow posting even the guest does not have a credit limit or posting is disabled. This is only applicable to check-in guest only.

False = Normal posting

pbKiosk

For future use, current no effect.

pbySignature

This is the signature image in byte array format.

pbPercentageDiscount

True = Percentage discount, False = dollar value discount

pnDiscount

If pbPercentageDiscount = True, this is the discount percentage else this is the discount value.

pnOvewriteSalesPrice

If this is > 0, we will use this price to post instead of the price defined in the DB, use it with care.

pnWeight

Pass in 0 if overweight is not used, > 0 it will charge overweight depending on the setup.

pnHeight

For info only

pbAllowWaitList

True = Allow Wait List when shore excursion is fully booked,

False = Return error when shore excursion is fully booked. (Default value)

If the booking is posted to the waitlist, CResponseXml.oObj(0) will return the Wait List Number, this only happens when pbAllowWaitList = True and the booking is fully booked.

pnParticipant

0-pnAccID is the participant

>0 - Must be a valid unique guest id, the guest which will participate in the excursion, no validation on the id

Return Values

CResponseXml.bSuccess = False when input values are invalid or no record found.

CResponseXml.bSuccess = True and CResponseXML.oTables(0) = ADO.NET data table when input values are valid. CResponse.Xml.oObj(0) will be > 0 if the booking is posted to wait list.

Table 4-32 ADO.NET Data Table field structure. It will always return one record when the input is valid

Code	Type	Description
Code	Type	Description
AccID	Integer	Account Posted
Balance	Double	Account Balance
CruiseID	Integer	Posted Cruise ID

AccID

The account posted can be different from the pnAccID pass in if the pbForceBooking is set to True and the said account does not exist and not allow to do posting the return value will be internal system error account id.

Balance

The field identifies the balance after the posting is applied. This field can return positive (account is to be invoiced) or negative (account prepaid) value.

CruiseID

The field identifies the posted cruise id.

Example:

```
oResponse = goWS.FidelioSPMSWSXML("ExcBooking", "SESSIONID", New Object()
{12345, 37464, 245457, 1, 0, 0, 0, "", "", "", "", False})
```

ExcBookingPackage

This function creates an excursion package booking in SPMS.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction="ExcBookingPackage", below is the list of psParam or poParam.

Table 4-33 psParam

Parameter	Type	Description	Required
pnAccID	Integer	Unique Guest Id	Yes
psUniqID	String(30)	Unique Excursion Package Booking ID	Yes
pnExcPkgID	Integer	Excursion Package ID	Yes
pnAdultTicket	Integer	Number of Adult Tickets	Yes
pnChildTicket	Integer	Number of Child Tickets	Yes
pnAdultPromoID	Integer	Adult Promotion ID (Default = 0)	Optional
pnChildPromotID	Integer	Child Promotion ID (Default = 0)	Optional
psLanguage	String(2)	ISO Language Code (Default Empty)	Optional
psNotes	String(50)	Notes (Default Empty)	Optional
psPin	String(4)	Pin Code (Default Empty)	Optional
psSource	String(100)	Booking Source (Default Empty)	Optional
pbForceBooking	Boolean	True = Allow posting even the guest does not have credit limit or posting is disabled. False – Normal posting	Yes
pbKiosk	Boolean	Kiosk Flag	Optional
pbySigImage	Array of Byte	Signature Byte Array	Optional
pnWeight	Decimal	Weight, 0 if overweight is not used, > 0 it will charge overweight depend on the setup	Optional
pnHeight	Decimal	Height, for info only	Optional
pbAllowWaitList	Boolean	True = Allow Wait List when shore excursion is fully booked, False = Return error when shore excursion is fully booked.	Optional
pnParticipant	Integer	A Unique Guest Id for the person who takes part in the excursion	Optional

pnAccID

Unique Guest Id, return from SearchPassenger.

psUniqID

The field identifies the booking unique Id within the whole external system. The field is used as a cross-reference to obtain detailed information about all the transactions recorded on a booking.

pnExcPkgID

The field identifies the unique excursion package id. This ID can be obtained through GetExcPackage WebMethod. The field is an internal, unique excursion number.

pnAdultTicket

The field identifies the number of adult priced tickets to book.

pnChildTicket

The field identifies the number of child priced tickets to book.

pnAdultPromoID

The field identifies the adult promotion id, if this field is ignored, the guest is still entitled to promotion price if available else normal price will be applied. If promotion id is sent and promotion price no longer available, an error message is returned.

For example, the promotion price valid for one seat and the guest try to book two seats.

- With pnAdultPromoID send
An error message will return indicating only one seat is available.
- Without pnAdultPromoID send
Booking done with one seat at promotion price and one seat at normal price.

pnChildPromoID

The field identifies the child promotion id, if this field is ignored, the guest will still entitle for promotion price if available else normal price will be applied. If promotion id is sent and promotion price no longer available, an error message will return.

psLanguage

The field identifies the language id of the tour.

psNotes

The field identifies the additional information send by third-party.

psPin

The field identifies the telephone PIN code of the reservation account. The valid character is 0,1,2,3,4,5,6,7,8,9. Leading zero support depends on SPMS Parameter setting.

psSource

The field identifies the source of the booking. For example, Workstation Id, Kiosk Id, etc. or any other details describing the location where the booking was made.

pbForceBooking

True = Allow posting even the guest do not have a credit limit or posting is disabled. This only applies to check-in guest only.

False = Normal posting

pbKiosk

For future use, current no effect.

pbSignature

This is the signature image in byte array format

pbPercentageDiscount

True = Percentage discount

False = Dollar value discount

pnDiscount

If pbPercentageDiscount = True, this is the discount percentage else this is the discount value

pnOvewriteSalesPrice

If this is > 0, we will use this price to post instead of the price defined in the database. Use with care.

pnWeight

Pass in 0 if overweight is not used, > 0 it will charge overweight depending on the setup.

pnHeight

For info only

pbAllowWaitList

True = Allow Wait List when shore excursion is fully booked,

False = Return error when shore excursion is fully booked. (Default value)

If the booking is posted to the waitlist, CResponseXml.oObj(0) will return the Wait List Number, this only happens when pbAllowWaitList = True and the booking is fully booked.

pnParticipant

When the pnParticipant is set to 0 - the guest pnAccID is the participant of this excursion.

When the pnParticipant is not 0 - the pnAccID book the excursion for a participant.

For example, if there are two people joining the excursion, there will be two requests being sent to the server and the pnAccID will be the person who pays the bill.

Return Values

CResponseXml.bSuccess = False when input values are invalid or no record found.

CResponseXml.bSuccess = True and CResponseXML.oTables(0) = ADO.NET data table when input values are valid. CResponse.Xml.oObj(0) will be > 0 if the booking is posted to wait list.

Table 4-34 ADO.NET Data Table field structure. Return one record when input is valid

Code	Type	Description
Balance	Double	Account Balance
CruiseID	Integer	Posted Cruise ID

Balance

The field identifies the balance after the posting is applied. This field can return positive (account is to be invoiced) or negative (account prepaid) value.

CruiseID

The field identifies the posted cruise id.

Example:

```
oResponse = goWS.FidelioSPMSWSXML("ExcBookingPackage", "SESSIONID", New Object()
{12345, 37464, 245457, 1, 0, 0, 0, "", "", "", "", False})
```

FCUIFolio

This function returns the guest posting list.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "FCUIFolio", below is the list of psParam or poParam.

Table 4-35 psParam

Parameter	Type	Description	Required
pnAcclID	Integer	Unique Account ID	Yes
psPin	String	Pin Code (Can be blank)	Yes
pbIncludePackage	Boolean	Include Package	Yes

Return Values

CResponseXml.bSuccess = False when failed.

CResponseXml.bSuccess = True when success, CResponse.oDataset will have 1 Data Table.

Table 4-36 ADO.NET Data Table field structure for data table

Code	Type	Description
DEP_MAINID	String	Main Department ID
DEM_COMMENT	String	Main Department Description
POSDATE	Date	Posting System Date
POSDDEMFLAG	String	P-Package,C-Credit,D-Debit
POS_PPP_ID	Integer	Unique Package ID
POSDEBIT	Decimal	Debit Total
POSCREDIT	Decimal	Credit Total
POSCLOSED	String	Always = No
POSNOPRINT	String	Yes Or No
POS_WIN	Integer	Invoice Windows
POS_POSNOTE_I	String	Posting Remark
POS_MIB_BILL_NO	String	Check No
POS_TRANS_ID	Internal	Internal Transaction ID

Example:

```
oResponse = goWS.FidelioSPMSWSXML("FCUIFolio", "SessionID", New Object()
{12345, "", True})
```

FCUIGuestInquiry

This function query the list of guest from SPMS based on the input parameter. The function is compatible with the FCUI Inquire message.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction=" FCUIGuestInquiry", below is the list of psParam or poParam.

Table 4-37 psParam

Parameter	Type	Description	Required
psSearchStr	String	Search String	Yes
peSearchType	Integer	Search String type	Yes
peAccountStatus	Integer	Account Status	Yes
peAccountType	Integer	Account Type	Yes
pbIncludePicture	Boolean	Include Guest Picture in Return Result	Yes

Below are the description of the parameters.

psSearchStr

Entered by the external system operator (manually or through a magnetic card reader) and generally contains any information necessary to identify the account. The field can be an account number, card number, cabin number or person name.

peSearchType

The field identifies the type of entry in the Account ID field. The following Account ID Entry Types are defined:

0	→	Card identification number (RES_BOARDCC)
1	→	Cabin number or System account (RES_CAB/UXP_A_SYS_ACC)
2	→	Name of a person or company account(UXP_A_NAME_N)
3	→	Internal identification number (UXP_A_ID)
4	→	Group Id number (RES_GRP)
5	→	External identification number (RES_BOOKNR)
6	→	Phone trunk number (CAB_TEL or CAB_TEL2)
7	→	e-mail Id (UXP_H_EMAIL or RES_EMAIL_SHIP)
8	→	Internal Id number(UXP_C_INTERNALID)
9	→	Guest Category(GCT_CODE)
10	→	RFID UID (RFID_ID)
11	→	Manning Number/Safety Number
12	→	Loyalty Number (UXP_A_FRQ_CARDNO)
13	→	Pre-generated Random Number (RES_PGID)
14	→	External ID (UXP_C_EXTERNALID)

peAccountStatus

The field identifies the account current reservation status. The following status values were defined:

0	→	Reservations
1	→	Checked-In
2	→	Active (Reservations and Checked-in)
3	→	Disembarked
4	→	Disembarked Residents (Owners – Valid only for ResidenSea)
5	→	Checked-In and all Reservation for the current cruise

peAccountType

The field identifies the account type. The following account types are defined:

If this field is ignored or blank then it will return all type.

0	→	All
1	→	Passenger (Guest)
2	→	Resident (Guest)
3	→	Crew member

4	→	Group
5	→	Visitor
6	→	System account
7	→	Staff
8	→	Gift Card

pbIncludeIncludePicture

To include a guest picture in the return result, true will cause the query to take a longer time to return and expect a huge amount of data to return.

Return Values

Returns True when a search is successful.

Returns False when nothing is found.

Return of GuestInfo When success**CResponse.oGuest**

This is the search result,

When single record is returned, the result will in JSON object format {}.

When there are multiple record returned, it is an Array of GuestInfo class.

Please refer detail in GuestInfo Class Details.

Table 4-38 GuestInfo Class

Code	Type	Description	Required	SPMS Data Field Reference
gnAccID	Integer	Account ID	Yes	RES_ACC
geAccountType	Integer	Account Type	Yes	RES_TAG
gbAllowPosting	Boolean	Account Enabled	Yes	UXP_A_POSTING
gsName	String	Salutation, Forename and Surname	Yes	UXP_A_SALUT, UXP_A_FSTN, UXP_A_NAME
gsCabin	String	Cabin Number	Optional	RES_CAB
gdEmbDate	Date	Embarkation Date	Yes	RES_EMB_E for expected accounts, RES_EMB_A for checked in accounts
gdDisDate	Date	Disembarkation Date	Yes	RES_DIS_E for expected & checked in accounts, RES_DIS_A for checked out accounts
gdBirthDate	Date	Date of birth	Optional	UXP_H_BIRTHD
gsEMail	String	E-mail address	Optional	UXP_H_EMAIL
gnBalance	Decimal	Balance	Yes	(UXP_A_POS_DEBIT – UXP_A_POS_CREDIT)

Table 4-38 (Cont.) GuestInfo Class

Code	Type	Description	Required	SPMS Data Field Reference
gsFirstName	String	First Name	Yes	UXP_A_FSTN
gsLastName	String	Last Name	Yes	UXP_A_NAME
gsSalutation	String	Salutations	Yes	UXP_A_SALUT
gsTitle	String	Title	Yes	UXP_A_TITEL
gsGender	String	Gender	Yes	UXP_H_SEX
geAgeGroup	Integer	Minor	Yes	Parameter "Adult Min Age" compared to Birthdate
gsLanguage	String	Language	Yes	UXP_H_LANG
gsResStatus	String	Reservation Status	Yes	RES_STATUS translated to E/C/D
gsGroup	String	Group Id & Description [Id-Description]	Optional	RES_GRP + UXP_A_NAME
gsGroupShoreID	String	Group ID	Optional	RES_SHOREID(refer to Group)
gsCategory	String	Category Id & Description [Id-Description; Id-Description]	Optional	GCT_CODE + TYP_GCT.TYP_COMMENT
gsAddress	String	Address	Optional	UXP_A_STREET
gsStreet	String	Street	Optional	UXP_A_STREET2
gsCity	String	City	Optional	UXP_A_CITY
gsZip	String	ZIP Code	Optional	UXP_A_ZIP
gsState	String	State	Optional	UXP_A_STATE
gsCountry	String	Country Code	Optional	UXP_A_COUNTRY
gsTel	String	Telephone Number	Optional	UXP_H_TELNO
gnCreditLimit	Decimal	Credit Limit	Optional	Credit limit as per assigned credit department code, unless individual credit limit is assigned in UXP_A_CRELIM
gsShipEMail	String	Ship's e-Mail Id	Optional	RES_EMAIL_SHIP
gsPin	String	PIN Code	Optional	RES_PIN_CODE
gsAuthKey	String	Authorization Key	Optional	Refer to PAR Value for PAR-Interfaces-"AuthKey Criteria"
gsBookNo	String	Booking ID	Optional	RES_BOOKNR
gsShoreID	String	Shore ID	Optional	RES_SHOREID
gsVGuestID	String	Unique Guest Id	Optional	RES_V_GUESTID
gsAward	String	Award Level	Optional	RES_AWARD_LEVEL
gsBoardCard	String	Onboard Cabin Card	Optional	RES_BOARDCC
gnRoutedAcc	Integer	Routed Account ID	Optional	RES_QROUTE_ACC

Table 4-38 (Cont.) GuestInfo Class

Code	Type	Description	Required	SPMS Data Field Reference
gbRoutedEnable	Boolean	Routed Account Enable	Optional	UXP_A_POSTING(refer to the payer)
gnRouteCreditLimit	Decimal	Routed Account Credit Limit	Optional	Routed Account Credit limit as per assigned credit department code, unless individual credit limit is assigned in UXP_A_CRELIM
gsPassportCountry	String	Passport Nationality	Optional	UXP_H_PASSPI_COUNTRY
gbyPicture	Byte Array	Guest Picture (Unlimited Length)	Optional	SEC_IMAGE
gsCabinStewardName	String	Cabin Steward Name	Optional	RES_ACC (linked to CAB_KEEPER)
gsHandicap	String	Handicap Description Separate by ASCII 28	Yes	RES_HANDICAPCODE
gsHandicapRemark	String	Handicap Remarks	Yes	RES_HANDIREMARKS
gsMusterStation	String	Muster Station Description	Yes	MST_NAME
gbOnboard	Boolean	Onboard/ Shoreside status	Yes	RES_OFFBOARD
gsSafetyNo	String	Safety Number	Optional	UXP_C_POS
goSafetyMusterStation	Class	Muster Station Class	Optional	ORG_ASSEMBLY(linked to MST_ID), MST_NAME
goEmergencyMusterStation	Array of Class	Muster Station Class 0 to 5	Optional	ORG_E_MST1 to ORG_E_MST6(linked to MST_ID), MST_NAME<E
gbNoSafetyDrill	Boolean	Excuse From Safety Drill (Yes/No)	Optional	UXP_C_NODRILL
gePicture	Integer	Picture Source	Yes	SEC_SOURCE
gdLastPictureDate	Date	Picture Last Modified Date Time	Optional	SEC_MODDATE
gsFreqCardNo	String	Frequent Traveller Card Number	Yes	UXP_A_FRQ_CARDNO
gsPriceCategory	String	Price Category	Yes	RES_PCATEGORY
gsCabinType	String	Cabin Type	Yes	CAB_TYPE
gnNoneRefundableCredit	Decimal	None Refundable Credit Balance	Optional	UXP_A_NR_BAL
gnCurrentCruiseID	Integer	Current Cruise ID	Optional	SCR_ID
gsPassportNo	String	Passport Number	Optional	UXP_H_PASSNO

Table 4-38 (Cont.) GuestInfo Class

Code	Type	Description	Required	SPMS Data Field Reference
gsPaymentDep	String	Default Payment Type	Optional	RES_DEP_PAY
gsClassification	String	Reservation Classification/Vip Flag	Optional	RES_CLASSIFICATION
gdSysdate	Date	SPMS System Date	Yes	sys_date
gdCurrentCruiseStartDate	Date	Current Cruise Start Date	Yes	scr_a_date of current cruise
gnPGID	Integer	Pregenerated Random ID	Yes	RES_PGID
gsCruiseItnID	String	Cruise external system identifier	Yes	SCR_ITN_ID
gsResReference	String	External reservation ID	Yes	RES_REFERENZ
gsDeck	String	Cabin deck code	Optional	CAB_DECK
gsExternalID	String	External Crew ID	Yes	UXP_C_EXTERNALID

Table 4-39 MusterStation Class

Code	Type	Description	Required	SPMS Data Field Reference
gsCode	String	Code	Yes	MST_ID
gsName	String	Name	Yes	MST_NAME

gnAccID

The field identifies the unique account (person) id. The field is an internal, unique account (person) number (I type).

geAccountType

The field identifies the account type. The following account types are defined:

1	→	Passenger (Guest)
2	→	Resident (Guest)
3	→	Crew member
4	→	Group
5	→	Visitor
6	→	System account
7	→	Staff
8	→	Gift Card

gbAllowPosting

The field identifies the information if an account is enabled (True) or disabled (False).

gsName

The field identifies the salutation, forename and surname fields (separated with space) of an account (person).

gsCabin

The field identifies the cabin number that the account (person) occupies. If the account number is returned (not a person) cabin number field is omitted.

gdEmbDate

The field identifies the date and the time the account (person) is expected or embarked.

gdDisDate

The field identifies the date and the time the account (person) is expected to disembark.

gdBirthDate

The field identifies the person date of birth. If the account number is returned (not a person) or date of birth is not present, the field is omitted.

gsEMail

The field identifies the person's e-mail address. If the account number is returned (not a person) or e-mail is not present, the field is omitted.

gnBalance

The field identifies the account (person) current balance. This field can return positive (account is to be invoiced) or negative (account prepaid) value.

gsFirstName

The field identifies the forename of an account (person).

gsLastName

The field identifies the surname of an account (person).

gsSalutation

The field identifies the salutation of an account (person).

gsTitle

The field identifies the title of an account (person).

gsGender

The field identifies the gender of an account (person).

geAgeGroup

0 - Adult

1 - YoungAdult

2 - Minor

gsLanguage

The field returns the language of an account (person).

gsResStatus

The field identifies the reservation status [E–Expected, C–Checked-In, D-Departed] of an account (person).

gsGroup

The field identifies the group Id & the name of the group if a passenger is assigned to a group.

gsGroupShoreID

The field identifies the group shore id of the group if a passenger is assigned to a group.

gsCategory

The field identifies the category Ids & the names of the categories if a passenger is assigned any categories.

gsAddress

The field identifies the address (Line 1).

gsStreet

The field identifies the street (Line 2).

gsCity

The field identifies the city.

gsZip

The field identifies the zip code.

gsState

The field identifies the state.

gsCountry

The field identifies the country code.

gsTel

The field identifies the telephone number.

gnCreditLimit

The field identifies the credit limit set for the person(s).

gsShipEMail

The field identifies the Ship's e-Mail Id for the person(s).

gsPin

The field identifies the telephone PIN code for the person(s). The valid character is 0,1,2,3,4,5,6,7,8,9. Leading zero support depends on SPMS Parameter setting.

gsAuthKey

The field identifies the authorization key for the person(s).

gsBookNo

The field identifies the booking id.

gsShoreID

The field identifies the shore id.

gsVGuestID

The field identifies the unique guest id.

gsAward

The field identifies the guest award level.

gsBoardCard

It contains Track 2 field 1 value of the onboard cabin card excluding start sentinel and end sentinel.

For example, The value encode in track 2 is ;9910000657580701=20060810?, we will only send 9910000657580701

gnRoutedAcc

The field identifies the routed account id (payer account id).

gbRoutedEnable

The field identifies the information if the routed account is enabled (1) or disabled (0).

gnRouteCreditLimit

The field identifies the credit limit set for the routed person(s) (payer account).

gsPassportCountry

The field identifies the guest passport nationality

gbyPicture

The field identifies the guest pictures.

gsCabinStewardName

The field identifies the housekeeper assign to this cabin

gsHandicap

If the guest had handicapped, it will be shown as, for normal guest it will be blank

For example, Wheel Chair Require<FS>Deaf

gsHandicapRemark

This is special remark for the handicapped guest.

gsMusterStation

The master station associate with the guest

gbOnboard

True-Onboard, False = Shoreside

gsSafetyNo

Safety Number (Only apply to crew only)

goSafetyMusterStation

Return MusterStation Class with Safety Muster Station Code and Description (Only apply to crew only)

goEmergencyMusterStation(5)

Return MusterStation Class with Emergency Muster Station Code and Description (The emergency type is user define) (Only apply to crew only)

gbNoSafetyDrill

Excuse From Safety Drill (Only apply to crew only)

gePicture

Picture Source

-1 = No Picture

- 0 = Unknown
- 1 = Web Cam
- 2 = RFID Passport
- 3 = Scan Passport Image
- 4 = Guest History

gdLastPictureDate

Picture Last Modified Date, due to the size of the picture, it is not efficient to return the picture in FCUIGuestInquiry message, so what you need to do is compare the last modified date of the picture store in your DB and if the picture had been updated, send WSFunction with GuestPicture and gnAccID as parameter message to get the picture in a separate call.

gsFreqCardNo

Frequent Traveller Card Number

gsPriceCategory

Booking Price Category (res_pcategory)

gsCabinType

Cabin Type

gnNoneRefundableCredit

None Refundable Credit, there is an option set in Web.Config to indicate do not return None Refundable credit if the guest search is x number of more, this is for performance purpose. Default is 5

gnCurrentCruiseID

Current Cruise ID

gsPassportNo

Passport Number

gsPaymentDep

Default payment department ID

gsClassification

This field identified the reservation classification/VIP Flag.

gdSysdate

Current SPMS System Date.

gdCurrentCruiseStartDate

Current cruise start date.

gnPGID

Pregenerated Random Number

gsCruiseItlnID

Cruise external system identifier

gsResReference

External reservation ID

gsDeck

Cabin Deck code

gsExternalID

External Crew ID

Example

This is to search all check-in guest/crew stay in cabin 05002 and include the picture in response message

```
oResponse = goWS.FidelioSPMSWSXML("FCUIGuestInquiry", "SESSIONID", New Object()
{ "05002", 1, 1, 0, True})
```

FCUIPayment

This function posts the payment to the SPMS account based on the input parameter. This is mainly for generic usage and is compatible with FCUI Payment.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "FCUIPayment", below is the list of psParam or poParam.

Table 4-40 psParam

Parameter	Type	Description	Required
psSearchStr	String	Search String	Yes
peSearchType	Integer	Search String type	Yes
peAccountStatus	Integer	Account Status	Yes
peAccountType	Integer	Account Type	Yes
pblIncludePicture	Boolean	Include Guest Picture in Return Result	Yes
psUniquePostingID	String(20)	Unique Posting ID	Yes

Table 4-40 (Cont.) psParam

Parameter	Type	Description	Required
psOutletID	String(13)	Outlet ID	Yes
pnValue	Decimal	Posting Total	Yes
psNote	String	Notes	Yes
pnInvoiceWin	Integer	Invoice Windows (0 – 3)	Yes

Below are the description of the parameters.

psSearchStr

Entered by the external system operator manually or through a magnetic card reader and generally contains any information necessary to identify the account. The field can be an account number, card number, cabin number or person name.

peSearchType

The field identifies the type of entry in the Account ID field. The following Account ID Entry Types are defined:

0	→	Card identification number (RES_BOARDCC)
1	→	Cabin number or System account (RES_CAB/UXP_A_SYS_ACC)
2	→	Name of a person or company account(UXP_A_NAME_N)
3	→	Internal identification number (UXP_A_ID)
4	→	Group Id number (RES_GRP)
5	→	External identification number (RES_BOOKNR)
6	→	Phone trunk number (CAB_TEL or CAB_TEL2)
7	→	e-mail Id (UXP_H_EMAIL or RES_EMAIL_SHIP)
8	→	Internal Id number(UXP_C_INTERNALID)
9	→	Guest Category(GCT_CODE)
10	→	RFID UID (RFID_ID)
11	→	Loyalty Number (UXP_A_FRQ_CARDNO)
12	→	Manning Number/Safety Number
13	→	Pre-generated Random Number (RES_PGID)

peAccountStatus

The field identifies the current account reservation status. The following status values were defined:

0	→	Reservations
1	→	Checked-In
2	→	Active (Reservations and Checked-in)
3	→	Disembarked
4	→	Disembarked Residents (Owners – Valid only for ResidenSea)

5 → Checked-In and all Reservation for the current cruise

peAccountType

The field identifies the account type. The following account types are defined:

If this field is ignored or blank then it will return all type.

0	→	All
1	→	Passenger (Guest)
2	→	Resident (Guest)
3	→	Crew member
4	→	Group
5	→	Visitor
6	→	System account
7	→	Staff
8	→	Gift Card

pbIncludeIncludePicture

To include a guest picture in the return result, true will cause the query to take a longer time to return and expect a huge amount of data to return.

psUniquePostingID

The field identifies the guest check uniquely within the whole external system. The field is used as a cross-reference to obtain detailed information about all the transactions recorded on a check.

psOutletID

The field identifies the revenue center of the outlet from which the charge originated. The SPMS description equivalent to the Outlet ID will be displayed or printed on a customer invoice.

pnValue

The field identifies the payment amount, for forex this is the forex amount receive.

psNote

The field identifies the additional information send by a third-party system.

pnInvoiceWin

The invoice windows, a valid value is from 0 to 3, any invalid value will default to 0.

Return Values

CResponseXml.oObj(0) Returns 0 when update is successful

CResponseXml.oObj(0) Returns 1 when update has failed

CResponseXml.oObj(0) Returns 2 when the search string return more than 1 persons, it is recommend to use Unique Account ID to make sure it is unique.

FCUIPosting

This function will post to an SPMS account based on the input parameter, this is mainly for generic usage and is compatible with FCUI Posting.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "FCUIPosting", below is the list of psParam or poParam.

Table 4-41 psParam

Parameter	Type	Description	Required
psSearchStr	String	Search String	Yes
peSearchType	Integer	Search String type	Yes
peAccountStatus	Integer	Account Status	Yes
peAccountType	Integer	Account Type	Yes
pblIncludePicture	Boolean	Include Guest Picture in Return Result	Yes
poPosting	PostingDetails Class	The is the Posting Data	Yes

Below are the description of the parameters.

psSearchStr

Entered by the external system operator (manually or through a magnetic card reader) and generally contains any information necessary to identify the account. The field can be an account number, card number, cabin number or person name.

peSearchType

The field identifies the type of entry in the Account ID field. The following Account ID Entry Types are defined:

- 0 → Card identification number (RES_BOARDCC)
- 1 → Cabin number or System account (RES_CAB/UXP_A_SYS_ACC)
- 2 → Name of a person or company account(UXP_A_NAME_N)
- 3 → Internal identification number (UXP_A_ID)
- 4 → Group Id number (RES_GRP)
- 5 → External identification number (RES_BOOKNR)
- 6 → Phone trunk number (CAB_TEL or CAB_TEL2)
- 7 → e-mail Id (UXP_H_EMAIL or RES_EMAIL_SHIP)
- 8 → Internal Id number(UXP_C_INTERNALID)
- 9 → Guest Category(GCT_CODE)

10	→	RFID UID (RFID_ID)
11	→	Loyalty Number (UXP_A_FRQ_CARDNO)
12	→	Manning Number/Safety Number
13	→	Pre-generated Random Number (RES_PGID)

peAccountStatus

The field identifies the account current reservation status. The following status values were defined:

0	→	Reservations
1	→	Checked-In
2	→	Active (Reservations and Checked-in)
3	→	Disembarked
4	→	Disembarked Residents (Owners – Valid only for ResidenSea)
5	→	Checked-In and all Reservation for the current cruise

peAccountType

The field identifies the account type. The following account types are defined:

If this field is ignored or blank then it will return all type.

0	→	All
1	→	Passenger (Guest)
2	→	Resident (Guest)
3	→	Crew member
4	→	Group
5	→	Visitor
6	→	System account
7	→	Staff
8	→	Gift Card

pbIncludeIncludePicture

To include a guest picture in the return result, “True” will cause the query to take a longer time to return and expect a huge amount of data to return.

poPosting

Information of the transactions to be posted.

Please refer to PostingDetails Class for more detail.

Return Values

CResponseXml.oObj(0) Returns 0 when update is successful

CResponseXml.oObj(0) Returns 1 when update has failed

CResponseXml.oObj(0) Returns 2 when the search string return more than 1 person, it is recommend to use Unique Account ID to make sure it is unique.

CResponse.oGuest

This is the search result; it is an Array of GuestInfo class.

It will have 1 record if return result is 0.

It will have 0 or 1 record if return result is 1 depend on fail reason.

It will more than 1 record if return result is 2.

Please refer detail in GuestInfo Class Details.

CResponse.oObj(1) = Pos Transactions ID, only valid when CResponse.oObj(0) = 0

Posting Class

Table 4-42 PostingDetails Class

Code	Type	Description	Required
gbCallPosting	Boolean	Indicate this is call posting	Yes
gsPin	String	PIN Code	Yes
gsUniquePostingID	String(20)	Unique Posting ID	Yes
gsCheckImage	String	Receipt image	Yes
gbyCheckImage	Byte Array	Receipt image including signature in JPG format	Yes
gsPosInfo	String	Notes	Yes
gsItemDetail	String(x)	Refer Item Detail for	Yes
gbForcePosting	Boolean	True = Allow posting even when the guest has reached his credit limit or posting is disabled. False = Normal posting	Yes
goPosting	Array of PostingTotal Class	Refer to PostingTotal Class	Yes

gbCallPosting

If this is a call posting the behavior will be the same as gbForcePosting with the exception that for a call posting when the guest is not found it will then post to system error account. It will use a different data in the goPosting.

For normal posting, it will return 2 when more than 1 guest found but for call posting, it will post to the first guest.

gsPin

The field identifies the telephone code of the reservation account. The valid character is 0,1,2,3,4,5,6,7,8,9. Leading zero support depends on SPMS Parameter setting.

Pass in an empty string if not in use.

gsUniquePostingID

The field identifies the bill (check) uniquely within the whole external system. The field is used as a cross-reference to obtain detailed information about all the transactions recorded on a check.

gsCheckImage

The field identifies the receipt image that shows the same data as printed on the customer receipt. This should be plain text with CR & LF characters separating each line of the text. It should be formatted to be displayed using non-proportional fonts. Pass in an empty string if not in use.

gbyCheckImage

This is the customer receipt which include a digital signature.

You can use the below VB .NET sample code to merge the text base check image with JPG digital signature. Pass in nothing if not in use

```
oImage = MergeCheckAndSignatureImage(TextToImage(gsCheckImage), oSignature)

Private Function MergeCheckAndSignatureImage(ByVal poCheckImage As Image,
ByVal poSignatureImage As System.Drawing.Image) As Image
    MergeCheckAndSignatureImage = Nothing
    Try
        'check Width of check and signature image
        'width
        If Not poCheckImage.Width = poSignatureImage.Width Then
            Dim oNewImage As Image = ResizeImage(poCheckImage, poSignatureImage)
            poSignatureImage.Dispose()
            poSignatureImage = oNewImage
        End If

        Dim oImage As New Bitmap(Math.Max(poCheckImage.Width,
poSignatureImage.Width), poCheckImage.Height + poSignatureImage.Height)

        Dim gGraphic As Graphics = Graphics.FromImage(oImage)

        gGraphic.DrawImage(poCheckImage, New Point(0, 0))
        gGraphic.DrawImage(poSignatureImage, New Point(0, poCheckImage.Height))

        gGraphic.Dispose()
        gGraphic = Nothing
        poCheckImage.Dispose()
        Return oImage

    Catch ex As Exception

    End Try
End Function

'Resize image if check width is larger than signature width ,if the
signature image not same width as check image, the picture seems a bit out
of place (please see, signature.jpg)
```

```

Private Function ResizeImage(ByVal poReferenceImage As Image, ByRef
poTargetImage As Image) As Image
    Dim oCurrentImage As New Bitmap(poTargetImage)
    Dim oNewImage As New Bitmap(poReferenceImage.Width,
poTargetImage.Height)
    Dim oGraphic As Graphics = Graphics.FromImage(oNewImage)

    oGraphic.InterpolationMode =
Drawing2D.InterpolationMode.HighQualityBicubic
    oGraphic.DrawImage(oCurrentImage, New Rectangle(0, 0,
poReferenceImage.Width, poTargetImage.Height), _
        New Rectangle(0, 0, oCurrentImage.Width,
oNewImage.Height), GraphicsUnit.Pixel)
    oGraphic.Dispose()
    oCurrentImage.Dispose()
    Return oNewImage
End Function

Private Function TextToImage(ByVal psText As String) As Image
    Dim oGra As Graphics
    Dim sStr() As String
    Dim oImage As Image

    sStr = Split(psText, vbNewLine)
    oImage = New Bitmap(32 * 7, sStr.Length * 12.2 + 18,
PixelFormat.Format32bppArgb)
    oGra = Graphics.FromImage(oImage)
    oGra.FillRectangle(Brushes.White, 0, 0, CSng(32 * 7),
CSng(sStr.Length * 12.2 + 18))
    oGra.DrawString(psText, New Font("Courier New", 8), Brushes.Black,
0, 30)
    oGra.DrawImage(oImage, New PointF(0, 0))
    TextToImage = oImage
End Function

```

gsPosInfo

The field identifies the additional information send by a third-party system.

gsItemDetail

In order to maintain compatibility with FCUI, the class object will not be used.

This field identify the items order on the external system. The field contains many sub-field, with each field separated with <FS>. If the external systems do not have the particular field, just pass in the default value indicated in bracket.

Table 4-43 Item Identifier

Field	Type	Description
1	Integer	Employee Number (Default 0)
2	String(30)	Employee Name (Default Blank)
3	Integer	Guest Count (Default 0)

Table 4-43 (Cont.) Item Identifier

Field	Type	Description
4	Integer	Table Number (Default 0)
5	String(60)	Outlet Name
6	String	Variable Length field. Each record will have 6 fields and separate by pipe " ", each field will be separated by comma "," Field 1: Item Number (9) Field 2: Item Name X(50) Field 3: Quantity (9) Field 4: Sales Total (9.9) Field 5: 1=Voided,0=Normal Field 6: 1-Refunded,0-Normal

For example, Guest A order 1 T-Shirt for 10.00 and 2 Key Chain for 2.50 each

```
1234<FS>Cashier 1<FS>1<FS>0<FS>Gift Shop<FS>205789412,T-Shift,1,10.00,0,0|
205789123,Key Chain,2,5.00,0,0
```

gbForcePosting

True = Allow posting even the guest has reached his credit limit or posting is disabled. This only applies to check-in guest and the posting will fail if the guest not found.

PostingTotal Class

True = Allow posting even the guest has reached his credit limit or posting is disabled. This only applies to check-in guest and the posting will fail if the guest not found.

Table 4-44 PostingTotal Class

Code	Type	Description	Required
gnServingPeriod	Integer	Serving Period	Yes
gnPostingTotal	Decimal	Posting Total	Yes
gnPostingDiscount	Decimal	Discount Total	Yes
gnPostingServiceCharge	Decimal	Service Charge Total	Yes
gnPostingTip	Decimal	Tip Total	Yes
gnPostingTax	Decimal	Tax Total	Yes
gnInvoiceWin	Integer	Invoice Windows (0 – 3)	Yes
gsOutletID	String(13)	Outlet ID	Yes
gdCallStart	Date	Call Start Date or Time (For Call Accounting Posting)	Yes
gsCallNoDialed	Integer	Dialed Number (For Call Accounting Posting)	Yes

Table 4-44 (Cont.) PostingTotal Class

Code	Type	Description	Required
gnCallDuration	Integer	Call Duration (For Call Accounting Posting)	Yes
gsCallType	String	Call Type (For Call Accounting Posting)	Yes

gnServingPeriod

The field identifies the serving period number that is active when the charge is posted.

Pass in 0 if not in use.

gnPostingTotal

The field identifies the actual amount (gross) is posted. This value represents value in full (including discount, service charge and tip). This field can have positive (account is debited) or negative (void) value.

gnPostingDiscount

The field identifies the total amount of discounts taken against the transaction total amount. This field can have positive (account is debited) or negative (void) value.

gnPostingServiceCharge

The field identifies the total amount of any automatic percentage add-on amounts to the transaction total. This field can have positive (account is debited) or negative (void) value.

gnPostingTip

The field identifies the total amount of any add-on amounts to the transaction total such as tips, cover charges etc. This value is typically entered manually as per customer specification. This field can have positive (account is debited) or negative (void) value.

gnPostingTax

The field identifies the total amount of any tax to the transaction total. This field can have positive (account is debited) or negative (void) value.

gnInvoiceWin

The invoice windows, a valid value is from 0 to 3, any invalid value will default to 0

gsOutletID

The field identifies the revenue center of the outlet from which the charge originated. The FCSPMS description equivalent of the Outlet ID will be displayed or printed on a customer invoice.

gdCallStart

The field identifies the date and the time when the phone call started. Full date and time format is required.

gsCallNoDialed

The field identifies the phone number called.

gnCallDuration

The field identifies the phone call duration in seconds.

gsCallType

The field identifies the phone call type. The following types are defined:

VL	→	Line Voice Call
VC	→	Cellular Voice Call
VS	→	Satellite Voice Call
VN	→	Non-chargeable Voice Call
FL	→	Line Fax
FC	→	Cellular Fax
FS	→	Satellite Fax
FN	→	Non-chargeable Fax
DL	→	Line Data Call
DC	→	Cellular Data Call
DS	→	Satellite Data Call
DN	→	Non-chargeable Data Call

Example:

For example, Posting using unique account id, exclude picture from response message

```
Dim oPosting As New FidelioSPMSWS.PostingDetils
With oPosting
    .gbCallPosting = False
    .gbForcePosting = False
    If File.Exists("c:\jpg.jpg") Then
        .gbyCheckImage = File.ReadAllBytes("c:\jpg.jpg")
    End If
    .gsCheckImage = <Check Image>
    .gsItemDetail = "1234<FS>Cashier <FS>1<FS>0<FS>Gift Shop<FS>2xxxxxxxx|T-
Shift|1|100.00"
    .gsPin = ""
    .gsPosInfo = "Remark"
    .gsUniquePostingID = "<POSTINGID>" 'You have to generate you own unique
number
End With
ReDim oPosting.goPosting(0)

oPosting.goPosting(0) = New FidelioSPMSWS.PostingTotal
With oPosting.goPosting(0)
    .gnInvoiceWin = 0
    .gnPostingDiscount = 0.00 'No Discount
```

```

.gnPostingServiceCharge = 10.00 '10% Service Charge
.gnPostingTax = 5.00 '5% Tax
.gnPostingTip = 0.00
.gnPostingTotal = 115.00
.gnServingPeriod = 0
.gnCallDuration = 0
.gsCallNoDialed = ""
.gsCallType = ""
.gsOutletID = "123" 'This value need to setup in SPMS dep mapping
.gdCallStart = Now()'This is only use for call posting
End With

oResponse = goWS.FidelioSPMSWSXML("FCUIPosting", "SESSIONID", New
Object() { 2358, 3, 1, 0, False, oPosting})

```

Sample JSON Http Post

For JSON you need to serialize the object to string first.

Figure 4-1 Sample JSON String

Example using JSON.stringify():

```

<script type="text/language">

// A valid json string
var someObject = {};
someObject.someProperty = "someValue";

// jsonString now contains a JSON string representation of someObject
var jsonString = JSON.stringify(someObject);

// Will display the string '{"someProperty":"someValue"}'
alert(jsonString);

</script>

```

```

POST /OHCWebServices/OHCWebServices.asmx/FidelioSPMSWSJsonPost HTTP/1.0
Host: localhost
Content-Length: 1771

```

```

{callback:"Testing",psSessionID:"ad765829-3fb7-4f1b-9754-587d43a879ab",
psFunction:"FCUIPosting",psParam:
["2440167",3,1,0,true,{"\gbCallPosting":false,"\gsPin":"","\gsUniq
uePostingID":"1234","\gsCheckImage":"INVOICE â€" EXAMPLE COMPANY
\r\n
        RESTAURANT          \r\n\l CASHIER 1\r\n
\n-----\r\n\l/1          1234  GST 1\r\n
\n      JUN12'07  6:44PM          \r\n
\n-----\r\n\l 1 FRIED RICE      12.34\r\n
\n  DISCOUNT\t\t 2.10- \r\n\l  SERVICE CHARGE      0.12 \r\n
\n  TIP              1.00 \r\n\l  TOTAL PAID          11.36 \
\r\n\l  05000\r\n\l  XXXN070612184500\r\n\l  MANUAL ENTRY\r\n
\n  Cabin/Acc:05000\r\n\l  <LAST/FIRST NAME>\r\n\l  CABIN
CHARGE          00.00 \r\n\l---1168 CLOSED JUN12  6:45PM---\r\n

```

```

\n                .                \r\nSIGN:.....\r\n
\n                .                \r\nAll Amounts in US Dollars (USD$)
\n, \"gbyCheckImage\":null, \"gsPosInfo\": \"\", \"gsItemDetail\": \"1234?Cashier
1?1?0?Gift Shop?205789412|T-Shift|1|
12.34\", \"gbForcePosting\":false, \"goPosting\":
[{\ \"gnServingPeriod\":0, \"gnPostingTotal\":10.01, \"gnPostingDiscount\":1.01, \
\"gnPostingServiceCharge\":1.02, \"gnPostingTip\":1.03, \"gnPostingTax\":1.04, \
gnInvoiceWin\":0, \"gsOutletID\": \"264\", \"gdCallStart\": \"20130620100105\", \
gsCallNoDialed\": \"12345678\", \"gnCallDuration\":159, \"gsCallType\": \"Sat\"},
{\ \"gnServingPeriod\":0, \"gnPostingTotal\":11.0, \"gnPostingDiscount\":1.01, \"g
nPostingServiceCharge\":1.02, \"gnPostingTip\":1.03, \"gnPostingTax\":1.04, \"gn
InvoiceWin\":0, \"gsOutletID\": \"262\", \"gdCallStart\": \"20130620100105\", \
gsCallNoDialed\": \"12345678\", \"gnCallDuration\":259, \"gsCallType\": \"Sat\"}}]
}]

```

FCUIUDFUpdate

This function updates the guest custom info.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "FCUIUDFUpdate", below is the list of psParam or poParam.

Table 4-45 psParam

Parameter	Type	Description	Required
pnAcclID	Integer	Unique Account ID	Yes
psUDFID	Array of String	Array of UDF_ID	Yes
psValue	Array of String	Max length 1000 for each value	Yes

Return Values

CResponseXml.bSuccess = False when failed.

CResponseXml.bSuccess = True when success.

Example:

```

oResponse = goWS.FidelioSPMSWSXML("FCUIFolio", "SessionID", New Object() {12345,
New String() {"1","1"}, New String() {"6411", "0123"}})

```

FCUIUpdatePin

This function updates the guest pin code.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction="FCUIUpdatePin", below is the list of psParam or poParam.

Table 4-46 psParam

Parameter	Type	Description	Required
pnAcclID	Integer	Unique Account ID	Yes
psCabin	String	Cabin Number	Yes
psAuthKey	String	4 Digits authentication code to prevent unauthorize update	Yes
psPin	String	Pin Code	Yes

Return Values

CResponseXml.bSuccess = False when failed.

CResponseXml.bSuccess = True when success.

Example

```
oResponse = goWS.FidelioSPMSWSXML("FCUIFolio", "SessionID", New Object()
{12345, "678", "6411", "0123"})
```

GangwayGuestSearch

This function is used to search the guest by Gangway movement.

Input Parameters

psFunction= "GangwayGuestSearch", below is the list of psParam or poParam.

Table 4-47 psParam

Code	Type	Description	Required
pbAshore	Boolean	True=Guest at shoreside,False=Guest Onboard	Yes
peGuestType	Integer	0-All 1-Guest Only 2-Resident Only 3-Crew Only 4-Visitor Only 5-Check-Out but onboard	Yes
pbShowCurrentPortOnly	Boolean	For ferry operator only, true=only return guest which disembark at the current port only	Yes
pnExcludeOvernightTour	Boolean	True=Exclude guest stay at shoreside for overnight tour	Yes

Return Values

CResponseXml.bSuccess = False when input values are invalid or no record found.

CResponseXml.bSuccess = True and CResponseXML.oTables(0) = ADO.NET data table when input values are valid.

Table 4-48 ADO.NET Data Table field structure

Code	Type	Description
Res_status	String	Reservation Status
Tname	String	Guest Name
Res_cab	String	Cabin Number
Res_owner	Integer	0-Normal Guest,1-Owner
Nationality	String	Nationality Code
Res_id	Integer	Unique Reservation ID
Res_emb_a	Date	Actual Embarkation Date
Res_signonport	String	Port where the guest embark
Res_dis_e	Date	Expected Disembarkation Date
Res_signoffport	String	Port where the guest disembark
Uxp_a_name	String	Last Name
Uxp_a_fstn	String	First Name
Uxp_a_as_crw	Integer	Guest show in crew manifest
Uxp_c_as_pax	Integer	Crew show in pax manifest
Res_acc	Integer	Unique Guest Id
SwitchAcc	Integer	1-Switch Manifest
ManingNumber	String	Crew Safety No

Example

```
oResponse = goWS.FidelioSPMSWSXML("GangwayGuestSearch", "SESSIONID", New
Object() {False, 0, False, False})
```

GetAccBalance

This function gets the account outstanding balance.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "GetAccBalance", below is the list of psParam or poParam.

Table 4-49 psParam

Parameter	Type	Description	Required
pnAccID	Integer	Unique Guest Id	Yes
pbPreBill	Boolean	True – Get the Pre-Cruise Balance, False – Get the account balance	Yes

Below are the description of the parameters.

pnAccID

Unique Guest Id, return from GuestSearch.

pbPreBill

True – Get the Pre-Cruise Balance, False – Get the account balance

Return Values

CResponseXml.bSuccess = True when GetAccBalance is successful, CResponse.oObj returns an Array with 2 value, the first value is the Pre-Cruise Balance or Account Balance depending on pbPreBill and the second value is Non-Refundable Credit Pre-Cruise Balance or Non-Refundable Credit Balance.

CResponseXml.bSuccess = False when GetAccBalance has failed

Example

```
oResponse = goWS.FidelioSPMSWSXML("GetAccBalance", "", New Object()
{12345, False})
```

GetAdvanceLoyaltyDiscount

This function gets the guest loyalty discount eligibility from SPMS.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction=" GetAdvanceLoyaltyDiscount", below is the list of psParam or poParam.

Table 4-50 psParam

Parameter	Type	Description	Required
pnAccID	Integer	Unique Account ID	Yes
pnRvc	Integer	MICROS POS Revenue Center Number	Yes

Return Values

CResponseXml.bSuccess = False when GetAdvanceLoyaltyDiscount failed

CResponseXml.bSuccess = True when GetAdvanceLoyaltyDiscount is successful and return Class CAdvanceLoyaltyDiscount

Table 4-51 CAdvanceLoyaltyDiscount Class

Code	Type	Description	Required
gnDiscNo	Integer	MICROS POS Discount Number	Yes
gnDiscLimit	Decimal	Maximum Discount Allow Per Check	Yes

Table 4-51 (Cont.) CAdvanceLoyaltyDiscount Class

Code	Type	Description	Required
goEligibility	Array of CDiscRate	Discount eligibility	Yes

Table 4-52 CAdvanceLoyaltyDiscount Class

Code	Type	Description	Required
gsType	String	M-Menu Item,G-Major Group,F-Family Group	Yes
gnNumber	Integer	Object Number	Yes
gnRate	Decimal	Discount Percentage	Yes

GetCheckImage

This function gets the check image from SPMS.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "GetCheckImage", below is the list of psParam or poParam.

Table 4-53 psParam

Parameter	Type	Description	Required
pnMibID	Integer	SPMS Unique Check Image ID	Yes

Below are the description of the parameters.

pnMibID

SPMS Unique Check Image ID, return from GetInvoiceTotal.

Return Values

CResponseXml.bSuccess = True when GetCheckImage is successful

CResponseXML.oObj(0)

This is the check image from MICROS POS with signature. This is the preferred image to display if both pbyImage and psCheckImage exists.

CResponseXML.oObj(1)

This is the text image of a guest check.

CResponseXml.bSuccess = False when GetCheckImage has failed or no record found

Example


```
oResponse = goWS.FidelioSPMSWSXML("GetCheckImage", "SESSIONID", New
Object() {12345678})
```

GetCreditCardInfo

This function gets the list of register credit card assign to the passenger.

Input Parameters

psFunction= "GetCreditCardInfo", below is the list of psParam or poParam.

Table 4-54 psParam

Parameter	Type	Description	Required
pnAcclID	Integer	Unique Guest Id	Yes

Below are the description of the parameters.

pnAcclID

Unique Guest Id, return from GuestSearch.

Return Values

CResponseXml.bSuccess = False when GetCreditCardInfo has failed

CResponseXml.bSuccess = True when GetCreditCardInfo is successful,
CResponse.oDataset will have 2 Data Tables.

Table 4-55 ADO.NET Data Table field structure for FIRST DATA Credit Card Information

Code	Type	Description
CRD_NO	String	Credit Card No, the card number will always mask to XX*****XXXX
CRD_EXP	String	Expiry Date in MMY format
CRD_NAME	String	Credit Card owner name
CRD_ACTIVE	String	Yes or No
CRD_LIMITS	String	'No Limit' or the credit limit amount
CRD_ID	Integer	Unique ID
CRD_INVOICE	String	'All' or the individual invoice separated by ','
CRD_DCC	String	Y or N for Dynamic Currency Exchange
CRD_PARCELADO	String	Y or N special Parcelado flag, currently not in use
CRD_SIG_ID	String	Yes or No, indicate the signature image exists
DCC_EXRATE	Double	Exchange Rate
CRD_CUR	String	Currency code
SIGN_ID	Integer	Signature Unique ID

Table 4-56 ADO.NET Data Table field structure for second data table

Code	Type	Description
CRD_NO	String	Credit Card No, the card number will always mask to XX*****XXXX
CRD_EXP	String	Expiry Date in MMY format
CRD_NAME	String	Credit Card owner name
CRD_ID	Integer	Unique ID
CRD_ACTIVE	String	Yes or No
CRD_REWARDS	Integer	1 - Reward Card, 2 - Gift Card

Example

```
oResponse = goWS.FidelioSPMSWSXML("GetCreditCardInfo", "", New Object() {12345})
```

GetEvent

This function search and list the available ticket events in SPMS.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction="GetEvent", below is the list of psParam or poParam.

Table 4-57 psParam

Parameter	Type	Description	Required
pnAccID	Integer	Unique Guest Id	Yes
pdSDate	Date	Event start date	Yes
pdEDate	Date	Event end date	Yes
peCodeType	EvtCodeType	Code Type	Yes
psCode	String	Code	Optional

Below are the description of the parameters.

pnAccID

Unique Guest Id, return from SearchPassenger.

pdSDate

The field identifies the minimum date the event can start from.

pdEDate

The field identifies the maximum date the event must be completed

peCodeType

(Enumerator)

The field identifies the type of the code being passed for querying events.

None	0	→	No Code will be used
LocationID	1	→	Event Location ID, you can get the value from WsFunction, GetLocationInfo, LOC_ID.
EventNo	2	→	Event No (EvtNo)
UniqueID	3	→	Event Unique ID (EvtID)

psCode

The code for the Events to run the query on. It can be either the location code, The Event No (EvtNo), the Unique Id (EvtID)

Return Values

CResponseXml.bSuccess = False when input values are invalid or no record found.

CResponseXml.bSuccess = True and CResponseXML.oTables(0) = *ADO.NET data table* when input values are valid.

Table 4-58 ADO.NET Data Table field structure

Code	Type	Description
EvtID	Integer	Event ID
EvtNo	String(20)	Event Number
EvtName	String(50)	Event Name
EvtBegDate	Date	Starting Date and Time
EvtEngDate	Date	Ending Date and Time
EvtLastCall	Date	Last Call Time
EvtStatus	String(1)	Booking Status
EvtPriceCategory	String(6)	Price Category Code
EvtPriceDesc	String(50)	Price Category Description
EvtPersonCode	String(6)	Person Group Code
EvtPersonDesc	String(50)	Person Group Description
EvtIsFixedSeatingEvent	Boolean	True-Fixed Seating Event, False = regular Free Seating Event
EvtIsLevelHybrid	Boolean	True-Level Hybrid mode
EvtHybridLevelOpenSeatingCapacity	Integer	Open Seating max capacity for Hybrid Levels
EvtLayoutLevelCode	String(20)	Layout Level Code
EvtLayoutLevelDesc	String(50)	Layout Level Description
EvtSeatingZoneCode	String(20)	Seating Zone Code
EvtSeatingZoneDesc	String(50)	Seating Zone Description
EvtIsFixedSeatingPrice	Boolean	True- Fixed Seating Price Setup, False = regular Free Seating Price
EvtPrice	Double	Price

Table 4-58 (Cont.) ADO.NET Data Table field structure

Code	Type	Description
EvtDesc	String(200)	Event Description
EvtShowInKiosk	Boolean	Show in Kiosk [External Booking System]
EvtBookInKiosk	Boolean	Book in Kiosk [External Booking System]
EvtMaxSeat	Integer	Maximum Seats
EvtBooked	Integer	Seats Currently Booked
EvtLocation	String(50)	Location Name
EvtShowInITV	Boolean	Show in Internet TV (ITV) - [External Booking System]
EvtBookInITV	Boolean	Book in ITV [External Booking System]
EvtLongDesc	X(1000)	Event Long Description
EvtPriceID	Integer	Price ID
EvtLayoutLevelID	Integer	Layout Level ID
EvtSeatingZoneID	Integer	Seating Zone ID

EvtID

The field identifies the unique event identifier. This ID can be used for event booking. The field is an internal, unique event number.

EvtNo

The field identifies the custom, users entered, a number that identifies the event.

EvtName

The field identifies the event name.

EvtBegDate

The field identifies the event starting date and time.

EvtEndDate

The field identifies the event ending date and time.

EvtLastCall

The field identifies the last call time, please ignore the date part.

EvtStatus

The field identifies the event booking status. The following status identifiers values are defined:

A	→	Available
F	→	Fully booked

O → Overbooked

For Fixed Seating Events, the Booking status applies to the Seating Zone.

EvtPriceCategory

The field identifies the event price category code, this field is required during booking.

For example, Gold Class, Silver Class

EvtPriceDesc

The field identifies the event price category description.

EvtPersonCode

The field identifies the person group code, this field is required during booking. For example, Adult, Child or Senior

EvtPersonDesc

The field identifies the person group description

EvtIsFixedSeatingEvent

True = Fixed Seating Event, False = regular Free Seating Event

EvtIsLevelHybrid

True = Level Hybrid mode (Fixed Seating plus Open Seating Capacity), False = Level is only Fixed Seating

The field identifies the layout level description for fixed seating assignment bookings.

EvtHybridLevelOpenSeatingCapacity Open Seating max attendees capacity for Hybrid Levels

EvtLayoutLevelCode The field identifies the layout level code for fixed seating assignment bookings.

EvtLayoutLevelDesc

EvtSeatingZoneCode

The field identifies the seating zone code for fixed seating assignment bookings.

EvtSeatingZoneDesc

The field identifies the seating zone description for fixed seating assignment bookings.

EvtIsFixedSeatingPrice

True = Fixed Seating Price Setup, False = regular Free Seating Price

EvtPrice The field identifies the event selling price.

EvtDesc The field identifies the additional information about the event.

EvtShowInKiosk

The flag to denote if the event can be shown on the external system.

EvtBookInKiosk

The flag to denote if the event can be booked on the external system.

EvtMaxSeat

Total seats available on the event.

Note: For the same event id the same seat could be sold at a different price depending on the price category and person group. The total seats appear on different price category and person group is representation of the same seats as shown in below example.

Below table means the event id=1 only have 50 seats available, for the same EID will always have the same MAX value.

EID	PCT	PGT	MAX
1	Gold	Adult	50
1	Silver	Adult	50
1	Gold	Child	50
1	Silver	Child	50

For Fixed Seating Events, the total seat count applies to the Seating Zone.

EvtBooked

The field indicates the total event seat booked.

For Fixed Seating Events, the total seats booked count applies to the Seating Zone.

EvtLocation

The field identifies the location name of the event.

EvtShowInITV

The flag to denote if the event can be shown on ITV the external system.

EvtBookInITV

The flag to denote if the event can be booked on the ITV external system, the field returns 'Yes' or 'No' only.

EvtLongDesc

The field indicates the Event Long Description intended for ITV usage.

EvtPriceID

The field identifies the unique pricing setup identification number. This ID must be used for event fixed seating booking. The field is an internal, unique pricing setup number.

EvtLayoutLevelID

The field identifies the unique Layout Level identification number. This ID must be used for event fixed seating booking. The field is an internal, unique layout level number.

EvtSeatingZoneID

The field identifies the unique Seating Zone identification number. This ID must be used for event fixed seating booking. The field is an internal, unique seating zone number.

Example

```
oResponse = goWS.FidelioSPMSWSXML("GetEvent", "SESSIONID", New Object()
{12345, #1/1/2011#, #1/12/2011#, 0, ""})
```

GetEvtFolio

This function is used to request a list of event booked on a specific account in SPMS.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "GetEvtFolio", below is the list of psParam or poParam.

Table 4-59 psParam

Parameter	Type	Description	Required
pnAccID	Integer	Unique Guest Id	Yes

Below are the description of the parameters.

pnAccID

Unique Guest Id, return from SearchPassenger.

Return Values

CResponseXml.bSuccess = False when input values are invalid or no record found.

CResponseXml.bSuccess = True and CResponseXML.oTables(0) = *ADO.NET data table* when input values are valid.

Table 4-60 ADO.NET Data Table field structure

Code	Type	Description
EvtID	Integer	Event ID

Table 4-60 (Cont.) ADO.NET Data Table field structure

Code	Type	Description
EvtNo	String(20)	Event Number
EvtName	String(50)	Event Name
EvtBegDate	Date	Starting Date and Time
EvtEngDate	Date	Ending Date and Time
EvtStatus	String(1)	Booking Status
EvtBookDate	Date	Booking Date and Time
EvtPriceCategory	String(6)	Price Category Code
EvtPriceDesc	String(50)	Price Category Description
EvtPersonCode	String(6)	Person Group Code
EvtPersonDesc	String(50)	Person Group Description
EvtLayoutLevelCode	String(20)	Layout Level Code
EvtLayoutLevelDesc	String(50)	Layout Level Description
EvtSeatingZoneCode	String(20)	Seating Zone Code
EvtSeatingZoneDesc	String(50)	Seating Zone Description
EvtSeatCode	String(20)	Seat Code
EvtLocation	String(50)	Location Name
EvtQty	Integer	Number of Tickets Booked
EvtTotal	Double	Booking Value
EvtNotes	String(200)	Notes
EvtPrint	Integer	Ticket Printed Count
EvtDiscount	Double	Discount Amount
EvtControl	Integer	Internal Booking Number
EvtPrepaid	Boolean	Prepaid

EvtID

The field identifies the unique event identifier. This ID can be used for event booking. The field is an internal, unique event number.

EvtNo

The field identifies the custom, users entered, a number that identifies the event.

EvtName

The field identifies the event name description.

EvtBegDate

The field identifies the event starting date and time.

EvtEndDate

The field identifies the event ending date and time.

EvtStatus

The field identifies the event booking status. The following status identifiers values are defined:

A	→	Available
F	→	Fully booked
O	→	Overbooked

EvtBookDate

The field identifies the excursion booking date and time (real date and time).

EvtPriceCategory

The field identifies the event price category code; this field is required during booking. For example, Gold Class or Silver Class

EvtPriceDesc

The field identifies the event price category description.

EvtPersonCode

The field identifies the person group code, this field is required during booking. For example, Adult, Child or Senior

EvtPersonDesc

The field identifies the person group description.

EvtLayoutLevelCode

The field identifies the layout level code for fixed seating assignment bookings.

EvtLayoutLevelDesc

The field identifies the layout level description for fixed seating assignment bookings.

EvtSeatingZoneCode

The field identifies the seating zone code for fixed seating assignment bookings.

EvtSeatingZoneDesc

The field identifies the seating zone description for fixed seating assignment bookings.

EvtSeatCode

The field identifies the seat id, For example, B15 for fixed seating assignment bookings.

EvtLocation

The field identifies the location name of the event.

EvtQty

The field identifies the number of tickets booked.

EvtTotal

The field identifies the total value of the bookings for the returned excursions.

EvtNotes

The field identifies the additional information about the event.

EvtPrint

The field identifies how many times the tickets had been printed.

EvtDiscount

Discount Amount.

EvtControl

Internal Booking Number.

EvtPrepaid

True – Prepaid at shore side, False – Book onboard.

Example

```
oResponse = goWS.FidelioSPMSWSXML("GetEvtFolio", "SESSIONID", New Object()
{12345})
```

GetExcFolio

This function is used to request a list of excursions booked on a specific account in SPMS.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "GetExcFolio", below is the list of psParam or poParam.

Table 4-61 psParam

Parameter	Type	Description	Required
pnAccID	Integer	Unique Guest Id	Yes

Below are the description of the parameters.

pnAccID

Unique Guest Id, return from SearchPassenger.

Return Values

CResponseXml.bSuccess = False when input values are invalid or no record found.

CResponseXml.bSuccess = True and CResponseXML.oTables(0) = *ADO.NET data table* when input values are valid.

Table 4-62 ADO.NET Data Table field structure

Code	Type	Description
ExcID	Integer	Excursion ID
ExcNo	String(10)	Excursion Number
ExcName	String(50)	Excursion Name
ExcBegDate	Date	Starting Date and Time
ExcEndDate	Date	Ending Date and Time
ExcStatus	String(1)	Excursion Status
ExcBookDate	Date	Booking Date and Time
ExcQty	Integer	Number of Tickets Booked
ExcTotal	Double	Booking Value
ExcMeetDate	Date	Meeting Date and Time
ExcMeetPlace	String(100)	Meeting Point
ExcClothes	String(100)	Recommended Clothes
ExcNotes	String(200)	Notes
ExcTag	String(1)	TAG
ExcPrint	Integer	Ticket Printed Count
ExcDiscount	Double	Discount Amount
ExcControl	Integer	Internal Booking Number
ExcLanguage	String(250)	Language
ExcPrepaid	Boolean	Prepaid
ExcCategory	String(500)	Category Id & Description [Id-Description; Id-Description]

ExcID

The field identifies the unique excursion identifier. This ID can be use to link the excursion with items retrieved from Excursions message. The field is an internal, unique excursion number.

ExcNo

The field identifies the custom, users entered, a number that identifies excursion.

ExcName

The field identifies the excursion name (description).

ExcBegDate

The field identifies the excursion starting date and time.

ExcEndDate

The field identifies the excursion ending date and time.

ExcStatus

The field identifies the excursion booking status. The following status identifiers values are defined:

A	→	Available
F	→	Fully Booked
O	→	Overbooked

ExcBookDate

The field identifies the excursion booking date and time (real date and time).

ExcQty

The field identifies the number of tickets booked.

ExcTotal

The field identifies the total value of the bookings for the returned excursions.

ExcMeetDate

The field identifies the excursion participants meeting date and time.

ExcMeetPlace

The field identifies the excursion participants meeting place.

ExcClothes

The field identifies the recommended clothes for excursions participants.

ExcNotes

The field identifies the additional information about the excursion.

ExcTag

The field identifies the adult or children indicator.

A	→	Adult
C	→	Children

ExcPrint

The field identifies how many times the tickets had been printed.

ExcDiscount

Discount Amount.

ExcControl

Internal Booking Number.

ExcLanguage

Language use. For example, English.

ExcPrepaid

True – Prepaid at shore side, False – Book onboard.

ExcCategory

The field identifies the categories for the excursion.

Example

```
oResponse = goWS.FidelioSPMSWSXML("GetExcFolio", "SESSIONID", New Object()
{12345})
```

GetExcPackage

This function searches the list of excursion package available in SPMS.

The message is usually used to display a list of excursion packages that fall within the start and end date criteria. The following is the description of the fields in the message data block. A package usually contains more than one excursion; all tours within the package must fall within the start date and end date. If either date is ignored, it will return all the package belongs to current cruise.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "GetExcPackage", below is the list of psParam or poParam.

Table 4-63 psParam

Parameter	Type	Description	Required
pnAccID	Integer	Unique Guest Id	Yes
pdSDate	Date	Excursion start date	Yes
pdEDate	Date	Excursion end date	Yes

Below are the description of the parameters.

pnAccID

Unique Guest Id, return from SearchPassenger.

pdSDate

The field identifies the minimum date the excursions package can start from. Enter 30-Dec-1899 to return all package belong to current cruise.

pdEDate

The field identifies the maximum date the excursions package must be completed. Enter 30-Dec-1899 to return all packages belong to current cruise.

psErrMsg

It will return an error message, For example, DB connection is down.

Return Values

CResponseXml.bSuccess = False when input values are invalid or no record found.

CResponseXml.bSuccess = True and CResponseXML.oTables(0) = *ADO.NET data table* when input values are valid.

Table 4-64 ADO.NET Data Table field structure for data table xxx. Return one record when input is valid

Code	Type	Description
ExcPkgID	Integer	Package ID
ExcPkgNo	String(10)	Package Number
ExcPkgName	String(50)	Package Name
ExcAdultPrice	Double	Package Adult Price
ExcChildPrice	Double	Package Child Price
ExcShowInKiosk	Boolean	Show in Kiosk [External Booking System]
ExcBookInKiosk	Boolean	Book in Kiosk [External Booking System]
ExcMaxSeat	Integer	Maximum Package or Maximum Adult Package
ExcBooked	Integer	Package or Adult Package Currently Booked
ExcAdultStatus	String(1)	Booking or Adult Booking Status
ExcAdultAv	Integer	Package or Adult package available
ExcMaxChildSeat	Integer	Maximum Childs Package
ExcChildBooked	Integer	Child Package Booked
ExcChildStatus	String(1)	Child Booking Status
ExcChildAv	Integer	Child package available
ExcProAdultPrice	Integer	Promotion Adult Price
ExcProAdultAv	Integer	Promotion Adult Availability
ExcProAdultID	Integer	Adult Promotion ID
ExcProChildPrice	Integer	Promotion Child Price
ExcProChildAv	Integer	Promotion Child Availability
ExcProChildID	Integer	Child Promotion ID
ExcID	Integer	Excursion ID
ExcNo	String(10)	Excursion Number

Table 4-64 (Cont.) ADO.NET Data Table field structure for data table xxx. Return one record when input is valid

Code	Type	Description
ExcName	String(50)	Excursion Name
ExcBegDate	Date	Starting Date and Time
ExcEndDate	Date	Ending Date and Time
ExcMeetDate	Date	Meeting Date and Time
ExcMeetPlace	String (100)	Meeting Point
ExcClothes	String (100)	Recommended Clothes
ExcNotes	String (200)	Notes
ExcPort	String (50)	Port Name
ExcCategory	String(500)	Category Id & Description [Id–Description; Id–Description]
ExcLang	String(500)	Language Id + “-“ + Language Description With “,” as field separator
ExcLongDesc	String(1000)	Tour Long Description

ExcPkgID

The field identifies the unique excursion identifier. This ID can be used for excursion package booking. The field is an internal, unique excursion number.

ExcPkgNo

The field identifies the custom, users entered, a number that identifies excursion.

ExcPkgName

The field identifies the excursion name (description).

ExcAdultPrice

The field identifies the excursion adult price.

ExcChildPrice

The field identifies the excursion child price.

ExcShowInKiosk

The flag to denote if the excursion can be shown on the external system.

ExcBookInKiosk

The flag to denote if the excursion can be booked on the external system.

ExcMaxSeat

If PAR 'Use Adult/Child Max Counts' is Enabled, this is the maximum adult packages available, if the PAR is Disabled this is the total packages available.

ExcBooked

If PAR 'Use Adult/Child Max Counts' is Enabled, this is the adult packages currently booked on the excursion, if the PAR is Disabled this is the total packages booked.

ExcAdultStatus

The field identifies the excursion booking status. If PAR 'Use Adult/Child Max Counts' is Enabled, this is the adult booking status, if the PAR is Disabled this is the general booking status.

The following status identifiers values are defined:

A	→	Available
F	→	Fully booked
O	→	Overbooked

ExcAdultAv

If PAR 'Use Adult/Child Max Counts' is Enabled, this is the current adult package available on the excursion, if the PAR is Disabled this is the total package available.

ExcMaxChildSeat

The field identifies the maximum child packages available. This field only valid when PAR 'Use Adult/Child Max Counts' is Enabled.

ExcChildBooked

The field identifies the child packages currently booked. This field only valid when PAR 'Use Adult/Child Max Counts' is Enabled.

ExcChildStatus

The field identifies the excursion booking status. If PAR 'Use Adult/Child Max Counts' is Enabled. This field only valid when PAR 'Use Adult/Child Max Counts' is Enabled.

The following status identifiers values are defined:

A	→	Available
F	→	Fully booked
O	→	Overbooked

ExcChildAv

If PAR 'Use Adult/Child Max Counts' is Enabled, this is the current child package available. This field only valid when PAR 'Use Adult/Child Max Counts' is Enabled.

ExcProAdultPrice

This is the adult promotion price.

ExcProAdultAv

This is the number of packages available for adult promotion price.

ExcProAdultID

This is the adult promotion id, it can be used during 'ExcPackageBooking'. Please refer to pnAdultPromoID in ExcPackageBooking message type for more details.

ExcProChildPrice

This is the child promotion price.

ExcProChildAv

This is the number of packages available for child promotion price.

ExcProChildID

This is the child promotion id, it can be used during Booking. Please refer to pnChildPromoID in ExPackageBooking message type for more details

ExcID

The field identifies the unique excursion identifier. This ID can be used for excursion booking. The field is an internal, unique excursion number.

ExcNo

The field identifies the custom, users entered, a number that identifies excursion.

ExcName

The field identifies the excursion name description.

ExcBegDate

The field identifies the excursion starting date and time.

ExcEndDate

The field identifies the excursion ending date and time.

ExcMeetDate

The field identifies the excursion participants meeting date and time.

ExcMeetPlace

The field identifies the excursion participants meeting place.

ExcClothes

The field identifies the recommended clothes for excursions participants.

ExcNotes

The field identifies the additional information about the excursion.

ExcPort

The field identifies the port for the excursion.

ExcCategory

The field identifies the categories for the excursion.

ExcLang

The field identifies the Language ID (2 digits) + "-" + Language Description, + "," as the field separator. In one tour there could be more than 1 language available

For example,

EN – English

DE – German

The field will be "EN-English, DE-German"

ExcLongDesc

Tour long Description intended for ITV usage.

Example

```
oResponse = goWS.FidelioSPMSWSXML("GetExcPackage", "SESSIONID", New Object()
{12345, #1/1/2011#, #1/12/2011#})
```

GetExcursion

This function searches and list the available excursion in SPMS.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "GetExcursion", below is the list of psParam or poParam.

Table 4-65 psParam

Parameter	Type	Description	Required
pnAcclID	Integer	Unique Guest Id	Yes
pdSDate	Date	Excursion start date	Yes
pdEDate	Date	Excursion end date	Yes
peCodeType	ExcCodeType	Code Type	Yes
psCode	String	Code	Optional

Below are the description of the parameters.

pnAccID

Unique Guest Id, return from SearchPassenger.

pdSDate

The field identifies the minimum date the excursions can start from.

pdEDate

The field identifies the maximum date the excursions must be completed.

peCodeType

(Enumerator)

The field identifies the type of the code being passed for querying excursions.

None	0	→	No Code will be used
PortName	1	→	Excursion Port Name
ExcursionNo	2	→	Excursion No (ExcNo)
UniqueID	3	→	Excursion Unique ID (ExcID)
Category	4	→	Excursion Category Code

psCode

The code used to query the excursions. It can be either the Port name, The Excursion No (ExcNo), the Unique Id (ExcID) or the Excursion Category Code.

Return Values

CResponseXml.bSuccess = False when input values are invalid or no record found.

CResponseXml.bSuccess = True and CResponseXML.oTables(0) = *ADO.NET data table* when input values are valid.

Table 4-66 ADO.NET Data Table field structure

Code	Type	Description
ExcID	Integer	Excursion ID
ExcNo	String (10)	Excursion Number
ExcName	String (50)	Excursion Name
ExcBegDate	Date	Starting Date and Time
ExcEndDate	Date	Ending Date and Time
ExcAdultStatus	String (1)	Booking or Adult Booking Status
ExcAdultPrice	Double	Adult Price
ExcChildPrice	Double	Child Price
ExcMeetDate	Date	Meeting Date and Time
ExcMeetPlace	String (100)	Meeting Point
ExcClothes	String (100)	Recommended Clothes

Table 4-66 (Cont.) ADO.NET Data Table field structure

Code	Type	Description
ExcNotes	String (200)	Notes
ExcShowInKiosk	Boolean	Show in Kiosk [External Booking System]
ExcBookInKiosk	Boolean	Book in Kiosk [External Booking System]
ExcMaxSeat	Integer	Maximum Seats or Maximum Adult Seats
ExcBooked	Integer	Seats or Adult Seats Currently Booked
ExcPort	String (50)	Port Name
ExcCategory	String (500)	Category Id & Description [Id–Description; Id–Description]
ExcLang	String (500)	Language Id + “-“ + Language Description With “,” as field separator
ExcShowInITV	Boolean	Show in ITV [External Booking System]
ExcBookInITV	Boolean	Book in ITV [External Booking System]
ExcBookChildInITV	Boolean	Book Child Ticket in ITV [External Booking System]
ExcMaxChildSeat	Integer	Maximum Childs Seats
ExcChildBooked	Integer	Child Seats Booked
ExcChildStatus	String(1)	Child Booking Status
ExcProAdultPrice	Integer	Promotion Adult Price
ExcProAdultAv	Integer	Promotion Adult Availability
ExcProAdultID	Integer	Adult Promotion ID
ExcProChildPrice	Integer	Promotion Child Price
ExcProChildAv	Integer	Promotion Child Availability
ExcProChildID	Integer	Child Promotion ID
ExcLongDesc	String(1000)	Tour Long Description
ExcNo2	String	Excursion Brochure Number
ExcMinSeat	Integer	Excursion minimum capacity
ExcWeight	Integer	Total weight allow for the excursion
ExcWeightPerGuest	Boolean	True the weight is per guest, False the weight is per tour
ExcExternalID	String	External ID

ExcID

The field identifies the unique excursion identifier. This ID can be used for excursion booking and is an internal, unique excursion number.

ExcNo

The field identifies the custom, users entered, a number that identifies excursion.

ExcName

The field identifies the excursion name (description).

ExcBegDate

The field identifies the excursion starting date and time.

ExcEndDate

The field identifies the excursion ending date and time.

ExcAdultStatus

The field identifies the excursion booking status. If PAR 'Use Adult/Child Max Counts' is 'Enabled', this is the adult booking status. If the PAR is 'Disabled' this is the general booking status.

The following status identifiers values are defined:

A	→	Available
F	→	Fully booked
O	→	Overbooked

ExcAdultPrice

The field identifies the excursion adult price.

ExcChildPrice

The field identifies the excursion child price.

ExcMeetDate

The field identifies the excursion participants meeting date and time.

ExcMeetPlace

The field identifies the excursion participants meeting place.

ExcClothes

The field identifies the recommended clothes for excursions participants.

ExcNotes

The field identifies the additional information about the excursion.

ExcShowInKiosk

The flag to denote if the excursion can be shown on the external system.

ExcBookInKiosk

The flag to denote if the excursion can be booked on the external system.

ExcMaxSeat

If PAR 'Use Adult/Child Max Counts' is Enabled, this is the maximum adult seats available on the excursion, if the PAR is Disabled this is the total seats available on the excursion.

ExcBooked

If PAR 'Use Adult/Child Max Counts' is Enabled, this is the adult seats currently booked on the excursion, if the PAR is Disabled this is the total seats booked on the excursion.

ExcPort

The field identifies the port for the excursion.

ExcCategory

The field identifies the categories for the excursion.

ExcLang

The field identifies the Language ID (2 digits) + "-" + Language Description, + "," as the field separator. In one tour there could be more than 1 language available

For example,

EN – English

DE – German

The field then becomes "EN-English, DE-German"

ExcShowInITV

The flag to denote if the excursion can be shown on ITV the external system.

ExcBookInITV

The flag to denote if the excursion can be booked on the ITV external system.

ExcBookChildInITV

The flag to denote if the excursion child ticket can be booked on the ITV external system.

ExcMaxChildSeat

The field identifies the maximum child seats available on the excursion. This field only exists when PAR 'Use Adult/Child Max Counts' is Enabled.

ExcChildBooked

The field identifies the child seats currently booked on the excursion. This field only exists when PAR 'Use Adult/Child Max Counts' is Enabled.

ExcChildStatus

The field identifies the excursion booking status. If PAR 'Use Adult/Child Max Counts' is Enabled, this is the child booking status. This field does not exist if the PAR is Disabled.

The following status identifiers values are defined:

A	→	Available
F	→	Fully booked
O	→	Overbooked

ExcProAdultPrice

This is the adult promotion price.

ExcProAdultAv

This is the number of seats available for adult promotion price.

ExcProAdultID

This is the adult promotion id, it can be used during Booking. Please refer to pnAdultPromoID in ExcBooking message type for more details.

ExcProChildPrice

This is the child promotion price.

ExcProChildAv

This is the number of seats available for child promotion price.

ExcProChildID

This is the child promotion id, it can be used during Booking. Please refer to pnChildPromoID in ExcBooking message type for more details.

ExcLongDesc

Tour long description intended for ITV usage.

Example

```
oResponse = goWS.FidelioSPMSWSXML("GetExcursion", "SESSIONID", New  
Object() {12345, #1/1/2011#, #1/12/2011#, 0, ""})
```

GetFreeCabin

This function gets the available cabin for booking.

Input Parameters

psFunction= "GetFreeCabin", below is the list of psParam or poParam.

Table 4-67 psParam

Parameter	Type	Description	Required
psCabinType	String	Cabin Type, "P" – Passenger, "C" - Crew	Yes
pdEmbDate	Date	Embarkation Date	Yes
pdDisDate	Date	Disembarkation Date	Yes
pdFromDoneDate	Date	Work Order Completed From Date	Optional
pdToDoneDate	Date	Work Order Completed To Date	Optional
psWorkOrderDone	String	Completed Work Order Task Code, link to TYP_MWT.TYP_ART, default value XXX	Optional
psWorkOrderNotDone	String	Unfinish Work Order Task Code, link to TYP_MWT.TYP_ART, default value XXX	Optional
psCabinCategory	String	Cabin Category	Optional
psFeature	String	Cabin Feature	Optional
psPartialCabin	String	First few digit of partial cabin number	Optional
psDeck	String	Cabin Deck	Optional
psSpecialNeed	Enum	0-All 1-With Special Need 2-Without Special Need	Optional

Return Values

CResponseXml.bSuccess = False when GetFreeCabin has failed

CResponseXml.bSuccess = True when GetFreeCabin is successful, CResponse.oDataset will have 1 Data Tables.

Table 4-68 ADO.NET Data Table field structure for data table

Code	Type	Description
CAB_ID	String	Cabin Number
TYP_COMMENT	String	Cabin Category Description
CAB_DECK	String	Cabin Deck Code
CAB_STATUS	String	Cabin Status
CAB_BEDS	Integer	Number of bed in this cabin
CAB_TYPE	String	Cabin Category Code
CAB_DECK	String	Cabin Deck
CAB_CONNECTED	String	Connected Cabin Number
CAB_FEATURE	String	List of Cabin Feature separated by ","
CAB_AVAILABLE	Integer	Available Berth
CAB_SORT	Integer	Sort Priority
CAB_SPECIALNEED	Integer	0-Normal Cabin, 1-cabin with special needs feature
CAB_DECK_NAME	String	Cabin Deck Description

Example

```
oResponse = goWS.FidelioSPMSWSXML("GetFreeCabin", "", New Object() {"P",
DateTime.SpecifyKind(#1/1/2011#, DateTimeKind.Unspecified), _
DateTime.SpecifyKind(#2/1/2011#, DateTimeKind.Unspecified)})
```

GetHouseKeepingSections

This function returns a list of ALL housekeeping section codes and names based on the criteria below.

Input Parameters

psFunction="GetHouseKeepingSections", below is the list of poParam.

For Array field, pass in an empty array or "Nothing" to skip this checking.

For JSON, the array of string will be a string separated by ",", each string must be start and end with a double quotation mark ("").

For example,

"A","B" = 2 Element

Element 1 = A,

Element 2 = B,

Note: Not supported when it is connected to an offline QCI Sync database.

Table 4-69 psParam

Parameter	Type	Description	Required
psCrewIds	Array of String	List of unique crew Account IDs. If this is not passed in, then all HouseKeeping sections are returned	Yes
psCabin	Array of String	List of Cabins	Yes
psLocations	Array of String	List of Locations	Yes
psDeck	Array of String	List of Deck	Yes
psCabinCategory	Array of String	List of Cabin Categories	Yes
psCabinType	Array of String	List of Cabin Types	Yes
psCabinVerticalZone	Array of String	List of Cabin Vertical Zones	Yes

Return Values

CResponseXml.bSuccess = False when SearchHouseKeepingSections has failed

CResponseXml.bSuccess = True when SearchHouseKeepingSections is successful, CResponse.oDataset will have 1 Data Table.

Table 4-70 ADO.NET Data Table field structure

Code	Type	Description
HSC_NAME	String	Housekeeping Section Code
HSC_COMMENT	String	Housekeeping Section Name

Example

```
oResponse = goWS.FidelioSPMSWSXML("GetHouseKeepingSections", "Session ID", New
Object() { Nothing , Nothing , Nothing , Nothing , Nothing , Nothing ,
Nothing })
```

GetILOViolations

This function retrieves all the ILO violations on a specified date for a crew.

Input Parameters

psFunction= "GetILOViolations", below is the list of psParam or poParam.

Table 4-71 psParam

Parameter	Type	Description	Required
pnAccID	Integer	Unique Crew Account ID. Either psBoardCardNo or pnAccID is required.	Yes
pdDayRequested	Date	Date of the ILO Violations	Yes

Return Values

CResponseXml.bSuccess = False when Update failed.

CResponseXml.bSuccess = True when Update successful, CResponse.oDataset will have 1 Data Table

Table 4-72 ADO.NET Data Table field structure for data table TALG

Code	Type	Description
TALG_ID	Integer	Unique ID of the record
TALG_TCLK_ID	Integer	Unique ID of the TCLK record. Linked to TCLK.TCLK_ID
TALG_MODDATE	Date	Last modified date
TALG_ILO_NOTES	String	ILO Violation Notes
TALG_MGR_NOTES	String	Manager approval notes
TALG_ILO_7DAYS	Integer	1=violation for ILO for 7 days (exceeded max worked hours for the last 7 days)
TALG_ILO_24HRS	Integer	1=violation for ILO 24hrs (exceeded max worked hours for the last 24hrs)

Table 4-72 (Cont.) ADO.NET Data Table field structure for data table TALG

Code	Type	Description
TALG_ILO_MINRESTBLOC K	Integer	1=violation for ILO minimum rest hr block
TALG_ILO_MINREST_7DA YS	Integer	1=violation for ILO minimum rest hours in 7 days
TALG_ILO_MINREST_24H RS	Integer	1=violation for ILO minimum rest hours for the last 24hrs

GetLuggageInfo

This function retrieves the luggage movement of the guest.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "GetLuggageInfo", below is the list of psParam or poParam.

Table 4-73 psParam

Parameter	Type	Description	Required
peSearchType	Enum	InternalID = 0 'res_acc PGID = 1 'res_pgid BoardCard = 2 'res_boardcc PaxID = 3 'res_referenz Cabin = 4 'res_cab	Yes
psSearchStr	String	Unique Payer Account ID or Board Card or PGID or Pax ID depends on the peSearchType	Yes
peSearchLevel	Enum(Byte)	0 – By Passenger 1 – By Cabin 2 – By Booking No	Yes
peSearchStatus	Enum(Byte)	0 – All Location (All Status) 1 – Latest Location (Current Status)	Yes

Return Values

CResponseXml.bSuccess = False when nothing is found or invalid input parameters.

CResponseXml.bSuccess = True when successful. CResponse.oDataset will have 1 Data Tables

The Data Tables will be different depending on peSearchStatus input parameter

Table 4-74 ADO.NET Data Table field structure for data table for peSearchStatus = 0

Code	Type	Description
LUG_ACC_ID	Integer	Unique Account ID
UXP_A_FSTN	String(40)	Guest First Name
UXP_A_NAME	String(40)	Guest Last Name
LUM_RFID	String(20)	RFID Tag
LUM_ZONE	String(20)	Zone ID
LUM_TYPE	String(20)	RFID Type – as send from Strategic
PAIRING_TIME	Date	The time the tag is associated with the guest
LUM_MOVEMENT	Date	The scan time of the tag
TIME_REMAINING	Integer	Number of minutes before delivery to room/pier (From the last movement time)
LUZ_LOCATION	String(50)	Actual Location
DIRECTION	String(8)	Inbound or Outbound
GUEST_LOCATION	String(50)	Guest Friendly Location Description
DELIVERED	Integer	1-Delivery to guest room, 0-Not yet delivery
QUARANTINE	Integer	Y-In quarantine zone, N-In normal zone
PERCENT_COMPLETE	Double	Percentage complete for delivery

Table 4-75 ADO.NET Data Table field structure for data table for peSearchStatus = 1

Code	Type	Description
LUG_ACC_ID	Integer	Unique Account ID
UXP_A_FSTN	String(40)	Guest First Name
UXP_A_NAME	String(40)	Guest Last Name
LUM_RFID	String(20)	RFID Tag
LUM_ZONE	String(20)	Zone ID
LUM_TYPE	String(20)	RFID Type – as send from Strategic
PAIRING_TIME	Date	The time the tag is associated with the guest
FIRSTSCAN_TIME	Date	The time the tag first scan, For example, on X-Ray machine
LUM_MOVEMENT	Date	Last movement time of the bag
DELIVERY_TIME	Date	Expected delivery time
TIME_REMAINING	Integer	Number of minutes before delivery to room/pier from current time
LUZ_LOCATION	String(50)	Actual Location
DIRECTION	String(8)	Inbound or Outbound
GUEST_LOCATION	String(50)	Guest Friendly Location Description
DELIVERED	Integer	1-Delivery to guest room, 0-Not yet delivery
QUARANTINE	Integer	Y-In quarantine zone, N-In normal zone
PERCENT_COMPLETE	Double	Percentage complete for delivery

Example

```
oResponse = goWS.FidelioSPMSWSXML("GetLuggageInfo", "SessionID", New
Object() {0,12345,0,1})
```

GetMicrosAdvanceDiscount

This function gets the list of eligible advance MICROS discount list.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "GetMicrosAdvanceDiscount", below is the list of psParam or poParam.

Table 4-76 psParam

Parameter	Type	Description	Required
pnAccID	Integer	Unique Guest Id	Yes

Below are the description of the parameters.

pnAccID

Unique Guest Id, return from GuestSearch.

Return Values

CResponseXml.bSuccess = True when GetMicrosAdvanceDiscount is successful, CResponse.oObj returns list of discount in a string separated by ASCII 10, it mainly for display purpose only.

CResponseXml.bSuccess = False when GetMicrosAdvanceDiscount has failed

Example

```
oResponse = goWS.FidelioSPMSWSXML("GetMicrosAdvanceDiscount", "", New
Object() {12345})
```

GetPackageInfo

This function gets the list of Package Plan assigned to the passenger.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction="GetPackageInfo", below is the list of psParam or poParam.

Table 4-77 psParam

Parameter	Type	Description	Required
pnAccID	Integer	Unique Guest Id	Yes

Table 4-77 (Cont.) psParam

Parameter	Type	Description	Required
pbIncludeDisablePackage	Boolean	True=Include Disable Package False=Just return active package	Optional

Below are the description of the parameters.

pnAccID

Unique Guest Id, return from GuestSearch.

Return Values

CResponseXml.bSuccess = False when GetPackageInfo has failed

CResponseXml.bSuccess = True when GetPackageInfo is successful, CResponse.oDataset will have 2 Data Tables.

Table 4-78 ADO.NET Data Table field structure for first data table

Code	Type	Description
PPN_NAME	String	Name of the Package Plan
PPN_DAY_CREDIT	Double	Package Total
PPP_DEBIT	Double	Package Used
PPP_BOOKMARK	Integer	A point to the record position of the second data table
PPP_SELECTED	Integer	Record filtering, when 0 should hide the record from the second data table. However, the implementation is up to the client
PPN_USE_DEP_TOTAL	Integer	1 - Different Department Total has it own limit
PPP_ID	Integer	Unique Package ID
PPN_FLEX_PACKAGE	Integer	Flexible Package Flag, the guest will need to choose the available department from the setup
AvailableBalance	Double	Available Balance = PPN_DAY_CREDIT – PPP_DEBIT

Table 4-79 ADO.NET Data Table field structure for second data table

Code	Type	Description
DEP_PPP_ID	Integer	Unique Package ID = PPP_ID of the first data table
DEP_ID	String	Department ID or Main Department ID
DEP_NAME	String	Department Name or Main Department Name
DEP_TOTAL	Double	This will be the individual department total when PPN_USE_DEP_TOTAL = 1
DEP_MAIN	Boolean	Indicate this record is the Department or Main Department

Table 4-79 (Cont.) ADO.NET Data Table field structure for second data table

Code	Type	Description
DEP_DISC	Double	Discount Percentage that the posting amount will go to package plan

Example

```
oResponse = goWS.FidelioSPMSWSXML("GetPackageInfo", "", New Object()
{12345})
```

GetPeopleCount

This function gets the onboard/shoreside count as per the WPF Security module.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "GetPeopleCount", no parameter

psParam

None

Return Values

CResponseXml.bSuccess = False when not connection to the DB.

CResponseXml.bSuccess = True and CResponseXML.PeopleCount

Table 4-80 PeopleCount field structure

Parameter	Type	Description
nPaxTotal	Integer	Total Passenger
nPaxShoreside	Integer	Total Passenger shore side
nPaxOnboard	Integer	Total Passenger on board
nPaxOvernight	Integer	Total Passenger shore side with overnight tour
nPaxExpected	Integer	Total expected passenger to check-in today
nPaxDisembaraked	Integer	Total passenger disembark today
nResTotal	Integer	Total Resident
nResShoreside	Integer	Total Resident shore side
nResOnboard	Integer	Total Resident on board
nResOvernight	Integer	Total Resident shore side with overnight tour
nResExpected	Integer	Total expected resident to check-in today
nResDisembaraked	Integer	Total resident disembark today
nCrwTotal	Integer	Total Crew
nCrwShoreside	Integer	Total Crew shore side
nCrwOvernight	Integer	Total Crew on board

Table 4-80 (Cont.) PeopleCount field structure

Parameter	Type	Description
nCrwOnboard	Integer	Total Crew shore side with overnight tour
nCrwExpected	Integer	Total expected crew to check-in today
nCrwDisembaraked	Integer	Total crew disembark today
nTotal	Integer	Total
nTotalOnboard	Integer	Total shore side
nTotalShoreside	Integer	Total on board
nTotalOvernight	Integer	Total shore side with overnight tour
nTotalExpected	Integer	Total expected to check-in today
nTotalDisembaraked	Integer	Total disembark today
nVisTotal	Integer	Total visitor on board
nPaxNotPassImmigration	Integer	Total passenger not yet pass immigration gate
nCrewNotPassImmigration	Integer	Total crew not yet pass immigration gate
nResNotPassImmigration	Integer	Total resident not yet pass immigration gate
nPaxExcludeImmigration	Integer	Total passenger no need to pass immigration gate
nCrewExcludeImmigration	Integer	Total crew no need to pass immigration gate
nResExcludeImmigration	Integer	Total resident no need to pass immigration gate
sPortName	String	Port Description
oVisitor	Array or CVisitorDetailCount	This only applies to HRG only

Table 4-81 CVisitorDetailCount

Parameter	Type	Description
Code	String	Visitor Category Code
Description	String	Visitor Category Description
Count	Integer	Total Visitor on board

Example

```
oResponse = goWS.FidelioSPMSWSXML("GetPeopleCount", "SESSIONID", New Object()
{})
```

GetPreviousClockInOutActivities

This function retrieves the previous days' clock-in/out transactions.

Input Parameters

psFunction= "GetPreviousClockInOutActivities", below is the list of psParam or poParam.

Table 4-82 psParam

Parameter	Type	Description	Required
pnAcclID	Integer	Unique Crew Account ID	Yes
pnDays	Integer	Optional. The number of previous days to get. If 0 then will default to days defined in parameter 'Display Previous X Days Clock-In/Out at terminal'	

Return Values

CResponseXml.bSuccess = False when Update failed.

CResponseXml.bSuccess = True when Update successful, CResponse.oDataset will have 1 Data Table.

Table 4-83 ADO.NET Data Table field structure for data table TCLK

Code	Type	Description
TCLK_DATETIMESTAMP	Date	Date time stamp of the clock-in/out transaction
TCLK_IN_OUT	String	'I' for clock-in, 'O' for clock-out
TCLK_ENTRYTYPE	String	'A' for auto, 'M' for manual
TARS_CODE	String	Task work code
TARS_NAME	String	Task work name

Example

```
oResponse = goWS.FidelioSPMSWSXML("GetPreviousClockInOutActivities",
"SessionID", New Object() {12345, 0})
```

GetRFIDEncodingData

This function retrieves the Ving door lock info and charge card info from SPMS.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "GetRFIDEncodingData", below is the list of psParam or poParam.

Table 4-84 psParam

Parameter	Type	Description	Required
peSearchType	Enum	0 = Internal ID 1 = PGID 2 = BoardCard 3 = Pax ID	Yes

GetSeatingZoneAvailability

This function requests for all available Seats of a given Event, Layout Level and Seating Zone from the SPMS.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "GetSeatingZoneAvailability", below is the list of psParam or poParam.

Table 4-86 psParam

Parameter	Type	Description	Required
pnEvtID	Integer	Event ID	Yes
EvtLayoutLevelID	Integer	Layout Level ID	Yes
EvtSeatingZoneID	Integer	Seating Zone ID	Yes

Below are the description of the parameters.

pnEvtID

The field identifies the unique event Id. This Id can be obtained through GetEvent WebMethod. The field is an internal, unique event number.

EvtLayoutLevelID

The field identifies the unique Layout Level identification number. This ID can be obtained through GetEvent WebMethod. The field is an internal, unique layout level number.

EvtSeatingZoneID

The field identifies the unique Seating Zone identification number. This ID can be obtained through GetEvent WebMethod. The field is an internal, unique seating zone number.

Return Values

CResponseXml.bSuccess = False when input values are invalid or no record found.

CResponseXml.bSuccess = True and CResponseXML.oTables(0) = *ADO.NET data table* when input values are valid.

Table 4-87 ADO.NET Data Table field structure for data table

Code	Type	Description
TKSD_ID	Integer	Unique ID of the record
TKSD_CODE	String(20)	Seat ID

TKSD_ID

The field returns the unique ID for each Seat.

TKSD_CODE

The field returns the Seat ID.

Example

```
oResponse = goWS.FidelioSPMSWSXML("GetSeatingZoneAvailability", "SESSIONID", New
Object() {62, 82, 24})
```

GetTreatmentGroupsForLocation

This function is used to request for all Treatment Groups assigned to each Location from the SPMS.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "GetTreatmentGroupsForLocation", below is the list of psParam or poParam.

Table 4-88 psParam

Parameter	Type	Description	Required
psSPATreatmentGroups	String	All Default Treatment Groups assigned to a Location, separated by commas	Yes

psSPATreatmentGroups

All Default Treatment Groups assigned to a Location, separated by commas as returned by WSF function, GetSPALocation in field spl_treatment_groups.

Return Values

CResponseXml.bSuccess = False when input values are invalid or no record found.

CResponseXml.bSuccess = True and CResponseXML.oTables(0) = *ADO.NET data table* when input values are valid.

Table 4-89 ADO.NET Data Table field structure

Code	Type	Description
typ_art	String	Treatment Group Code
typ_comment	String	Treatment Group Description

TYP_ART

The field returns the Treatment Group Code.

TYP_COMMENT

The field returns the Treatment Group Description.

Example

```
oResponse = goWS.FidelioSPMSWSXML("GetTreatmentGroupsForLocation",
"SESSIONID", New Object() {"BODY,FACE,"})
```

GuestSearch

This function searches for guests with various criteria from the SPMS.

Input Parameters

psFunction= "GuestSearch", below is the list of psParam or poParam.

Table 4-90 psParam

Parameter	Type	Description	Required
psSearchStr	String	Search Criteria	Yes
pdDate	Date	Embarkation Date	Yes
peGuestType	GuestType	Guest Type Enumerator	Yes
peReservationType	ReservationType	Reservation Type Enumerator	Yes
pbUseSearchType	Boolean	True-Use specific search type False = Use only Search Criteria	Yes
peSearchType	SearchType	SearchType Enumerator	Yes
pnScdlID	Integer	Current Port ID	Optional
peOnboardStatus	OnboardStatus	– All – Onboard – Shoreside	Optional

Below are the description of the parameters.

psSearchStr

This is the search criteria, supported values as shown below:-

- Cabin number
- Guest Name
- Board Card Track 2 and must include “;” and “?” in the string. For example, “;9841000241243900?”
- Credit Card Track Data and must include the start and end sentinel in the search string. For example “;” and “?”)
- Cabin List, separate by “;”. For example, “05002,05000”.
- Passport Number
- Name List (Last Name separate by “;”)
- Booking Number

pdDate

Embarkation date, if you want to search for all guest regardless of the embarkation date, pass in #12:00:00AM#

peGuestType

(Enumerator)

Guest	0	→	Search guest matching search criteria
Crew	1	→	Search crew matching search criteria
Visitor	2	→	Search visitor matching search criteria
All	3	→	Search guest,crew,visitor matching search criteria

peReservationType

(Enumerator)

Reserve = Search only passenger with reservation status only (Note visitor always have reservation status only)

Reserve	0	→	Reservation passenger
CheckIn	1	→	Searches only passenger that had check-in
All	2	→	Search both check-in and reserve passenger
CheckOut	3	→	Search check-out passenger only
ReserveFCManagement	4	→	Reservation passenger, for shore viewer
CheckInFCManagement	5	→	Searches only passenger that had check-in, for shore viewer
CheckOutFCManagement	6	→	Search check-out passenger only, for shore viewer
Cancelled	7	→	Canceled reservation passenger.
AQCIWizardCheckIn	8	→	Use by AQCI Wizard Only
AQCIWizardRegister	9	→	Use by AQCI Wizard Only
ReserveExcludeNoShow	10	→	Reservation passenger excluding No Show
NoShow	11	→	No Show Passenger only

pbUseSearchType

True = Use specific search type. The search type is normally used to return the same group of guest. For example,

- Search using passport number; function will return list of guests staying in the same cabin
- Search using credit card number; function will return a list of guests staying in the same cabin.
- Want to return a specific guest using UXP_A_ID (SPMS unique key) value.

Below is an *incorrect* use of search type:-

Search by name;

In general, there could be more than one guest with the same name, if this happens then the function will search for the first guest in SPMS database that matches the name criteria and

returns the list of guests staying in that same cabin. Since this is based on the first found record and returns the list of names based on that, this may not be accurate.

False = Use only Search Criteria

peSearchType

(Enumerator)

SamePartialName = 0

1. This only works when search criteria psSearchStr passed in is the last name, board card track 2 or credit card track data.
2. The psSearchStr is the partial last name, it will search for guest with matching the partial last name.
3. The psSearchStr is board card track 2 or credit card track data, it will search using the supplied info. When there are records found, it will take the first record last name and search again for all guest with the same partial last name.
4. If the search criteria are other than three of the above, it will only return the first record matching the search criteria.

SameSurname = 1

1. It will search using the supplied info. When there are records found, it will take the first record last name and search again for all guest with the same last name.
2. However, if the first record last name is blank, it will only return the first record.

NameList = 2

1. If the search criteria passed in is a list of last names separate by “,”, it will search for guests matching the partial last names in the list.
2. If the psSearchStr is a partial last name, it will search for guest matching the partial last name
3. If the psSearchStr is board card track 2 or credit card track data, it will search using the supplied info. When there are records found, it will take the first record last name and search again for all guests with the same partial last name.
4. For other search criteria, it will search using the supplied info.

SameCabin = 3

1. It will search using the supplied info. When there are records found, it will take the first record cabin number and search again for all guests with the same cabin number.
2. However, if the first record cabin number is blank, it will only return the first record.

SameCabinList = 4

1. If the search criteria passed in is a list of cabin numbers separate by “,”, it will search for all guests matching the cabin number in the list.
2. The psSearchStr is cabin number, it will search for all guests matching the cabin number
3. For other search criteria, it will search using the supplied info.

SameBookingNo = 5

1. It will search using the supplied info. When there are records found, it will take the first record booking number and search again for all guest with the same booking number.
2. However, if the first record booking number is blank, it will only return the first record.

SameGroupNo = 6

1. It will search using the supplied info. When there are records found, it takes the first record group number and searches again for all guests with the same group number.
2. However, if the first record group number is blank, it only returns the first record.

SameRouting = 7

1. It will search using the supplied info. When the first record is found, it will check if this account has routings to another account. If yes, then the list of records returned would include the first record found and all other accounts that share the same routing as the first account.
2. However, if the first record found does not have routings to another account, then it will search for all accounts that have routings to the first record found.

AccountID = 8

This is an SPMS internal account id, so the parameter *psSearchStr* passed in should be a valid ID (UXP_A_ID). All other parameters (pdDate, peGuestType, peReservationType) passed in will be ignored.

Return Values

CResponseXml.bSuccess = False when input values are invalid or no record found.

- CResponseXml.bSuccess = True and CResponseXML.oTables(0) = *ADO.NET data table* when input values are valid. The data table contains
 - all fields in uxp table, all fields in res table,
 - uxp_a_name field or uxp_a_othname field,
 - uxp_a_fstn field or uxp_a_othfstn field, and
 - org_assembly field or res_station field or cab_station field or par_value from par table.

See SPMS Data Dictionary for details of the data fields.

Note

In all the above statements when we mention “first record found” and the function returns more than one record and the list of records returned does not have any specific sort order, we cannot predict which record will be the first to display.

Example

```
oResponse = goWS.FidelioSPMSWSXML("GuestSearch", "SessionID", New Object()
{"05002", #01-01-2011#, 3, 0, True, 3})
```

GetPackageTreatmentAvailability

This function requests the SPA Package Treatment Availability by time slot from the SPMS.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "GetPackageTreatmentAvailability", below is the list of psParam or poParam.

Table 4-91 psParam

Parameter	Type	Description	Required
pnAccID	Integer	Account ID	Yes
pnSPATreatmentItem	Integer	Treatment Item ID	Yes
pnSPAPackageID	Integer	Package ID	Yes
pdDateFrom	Date	Starting Date period	Optional
pdDateTo	Date	Ending Date period	Optional

Below are the description of the parameters.

pnAccID

Unique Guest Id, return from SearchPassenger.

pnSPATreatmentItem

The field identifies the unique Package treatment item identification. The field is an internal, unique code. This field is retrieve from GetSPAPackageItems or GetSPAPackageItemsForPeriod WebMethods.

pnSPAPackageID

The field identifies the unique Package ID. The field is an internal, unique code. This value is retrieved from GetSPAPackages WebMethod.

pdDateFrom

The fields identify the optional Starting and Ending Dates period for which the system will return availability time slots when **pnAccID** is set to 0.

pdDateTo

The fields identify the optional Starting and Ending Dates period for which the system will return availability time slots when **pnAccID** is set to 0.

Return Values

CResponseXml.bSuccess = False when input values are invalid or no record found.

CResponseXml.bSuccess = True and CResponseXML.oTables(0) = *ADO.NET data table* when input values are valid.

Table 4-92 ADO.NET Data Table field structure

Code	Type	Description
spa_date	Date	Date and Time

Table 4-92 (Cont.) ADO.NET Data Table field structure

Code	Type	Description
spa_price	Double	Treatment Price

SPA_DATE

The field returns the date which the treatment is available.

SPA_PRICE

The field identifies the Package treatment item price.

Example

```
oResponse = goWS.FidelioSPMSWSXML("GetPackageTreatmentAvailability",
"SESSIONID", New Object() {12345, 12, 15})
```

```
oResponse = goWS.FidelioSPMSWSXML("GetPackageTreatmentAvailability",
"SESSIONID", New Object() {0, 12, 15, #1/1/2011#, #1/12/2011#})
```

GetTreatmentAvailability

This function requests the SPA Treatment Availability by time slot from the SPMS.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "GetTreatmentAvailability", below is the list of psParam or poParam.

Table 4-93 psParam

Parameter	Type	Description	Required
pnAccID	Integer	Account ID	Yes
pnSPALocation	Integer	Location ID	Yes
pnSPATreatmentItem	Integer	Treatment Item ID	Yes
pdDateFrom	Date	Starting Date period	Optional
pdDateTo	Date	Ending Date period	Optional

Below are the description of the parameters.

pnAccID

Unique Guest Id, return from SearchPassenger.

pnSPALocation

The field identifies the unique location ID. The field is an internal, unique code. This value is retrieved from GetSPALocation WebMethod.

pnSPATreatmentItem

The field identifies the unique treatment item identification. The field is an internal, unique code. This field is retrieve from GetSPATreatmentItem or GetSPATreatmentItemForPeriod WebMethods.

pdDateFrom

The fields identify the optional Starting and Ending Dates period for which the system will return availability time slots when **pnAccid** is set to 0.

pdDateTo

The fields identify the optional Starting and Ending Dates period for which the system will return availability time slots when **pnAccid** is set to 0.

Return Values

CResponseXml.bSuccess = False when input values are invalid or no record found.

CResponseXml.bSuccess = True and CResponseXML.oTables(0) = *ADO.NET data table* when input values are valid.

Table 4-94 ADO.NET Data Table field structure

Code	Type	Description
spa_date	Date	Date and Time
spa_price	Double	Treatment Price

SPA_DATE

The field returns the date which the treatment is available.

SPA_PRICE

The field identifies the treatment item price.

Example

```
oResponse = goWS.FidelioSPMSWSXML("GetTreatmentAvailability", "SESSIONID",
New Object() {12345, 123, 12})
```

```
oResponse = goWS.FidelioSPMSWSXML("GetTreatmentAvailability", "SESSIONID",
New Object() {0, 123, 12, #1/1/2011#, #1/12/2011#})
```

Login

This function logs the user into the system and return a session ID. You need to use this session id to subsequence a function call.

**Note:**

Starting from version 20.1.1, the Login function can only be called with JSON POST or WS XML. JSON GET is not supported for Login.

Input Parameters

psFunction= "Login", below is the list of psParam or poParam.

Table 4-95 psParam

Parameter	Type	Description	Required
psLoginName	String	User Login Name	Yes
psPassword	String	Plain Text Password	Yes
pnRowsPerPage	Integer	Default 0 = Unlimited, Number of Rows Return per Page	Optional

psPassword

Plain text password

Return Values

CResponseXml.bSuccess = True when Login is successful

CResponseXml.bSuccess = False when Login has failed

When login is successful

CResponseXML.oObj return array of string

Table 4-96 Return Values

Parameter	Type	Description	Required
oObj(0)	String	Session ID, you must use this ID when making a subsequence call	Yes
oObj(1)	String(99000)	User Security Access, a string of "0" and "1"	Yes
oObj(2)	Boolean	True = Is Administrator	Yes
oObj(3)	String	User Full Name	Yes
oObj(4)	Integer	User Crew ID if link	Yes
oObj(5)	Boolean	Must change the password before proceeding. If you do not change the password, you are not allowed to call any other function.	Yes
oObj(6)	Boolean	Allow to change the password	Yes

If oObj(5) and oObj(6) both is True mean you should not allow the user to login.

Example:

```
oResponse = goWS.FidelioSPMSWSXML("Login", "", New Object() {"admin",
"23f9d46d769b154c511f80a016784059"})
```

Logout

This function logout the user and the session ID will become invalid, you need to call the “Login” function again in order to use the system.

Input Parameters

psFunction= “Logout” do not have any parameter

Return Values

CResponseXml.bSuccess always = True

Example:

```
oResponse = goWS.FidelioSPMSWSXML("Logout", "SessionID", Nothing)
```

MarkAsNoShow

This function marks the expected guest as no show.

Input Parameters

psFunction= “MarkAsNoShow”, below is the list of psParam or poParam.

Table 4-97 psParam

Parameter	Type	Description	Required
pnAcclD	Integer	Unique Account ID	Yes

Return Values

CResponseXml.bSuccess = False when Update failed.

CResponseXml.bSuccess = True when Update successful.

Example:

```
oResponse = goWS.FidelioSPMSWSXML("MarkAsNoShow", "SessionID", New
Object() {12345})
```

MarkAssignmentStatus

This function updates all housekeeping assignment task status for a particular cabin or location for a selected date and port.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction=“MarkAssignmentStatus”, below is the list of psParam or poParam.

Table 4-98 psParam

Parameter	Type	Description	Required
pnHASstatus	Integer	Housekeeping Assignment Task Status (0-Pending, 1-Started, 2-Completed)	Yes
pbIsCabin	Boolean	True – Cabin, False – Public Location	Yes
psLocation	String	Cabin Number or Public Location Code	Yes
pdAssignedDate	Date	Date of the Housekeeping Assignment Task	Yes
pnPortID	Integer	Port ID. Linked to SCD.SCD_ID. A task that was created and linked to this port.	Yes
psHASComment	String	Assignment Comment	Yes

Return Values

CRResponseXml.bSuccess = True when Update is successful

CRResponseXml.bSuccess = False when Update has failed

Example

```
oResponse = goWS.FidelioSPMSWSXML("MarkAssignmentStatus", "SessionID", New
Object() {2,True,1024,<AssignedDate>,123, "Comment"})
```

MarkSingleAssignmentStatus

This function updates a single housekeeping assignment task status for a particular housekeeping assignment record.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction="MarkSingleAssignmentStatus", below is the list of psParam or poParam

Table 4-99 psParam

Parameter	Type	Description	Required
pnHASstatus	Integer	Housekeeping Assignment Task Status (0-Pending, 1-Started, 2-Completed)	Yes
pbIsCabin	Boolean	True – Cabin, False – Public Location	Yes
psLocation	String	Cabin Number or Public Location Code	Yes
pdAssignedDate	Date	Date of the Housekeeping Assignment Task	Yes
pnPortID	Integer	Port ID. Linked to SCD.SCD_ID. A task that was created and linked to this port.	Yes
psHASComment	String	Assignment Comment	Yes

Return Values

CResponseXml.bSuccess = True when Update is successful

CResponseXml.bSuccess = False when Update has failed

Example

```
oResponse = goWS.FidelioSPMSWSXML("MarkAssignmentStatus", "SessionID", New
Object() {2,True,1024,<AssignedDate>,123, "Comment"})
```

MessageDelete

This function flag a message as deleted in SPMS database.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "MessageDelete", below is the list of poParam

Table 4-100 psParam

Code	Type	Description	Required
pnMsgID	Integer	Unique Message ID	Yes

Return Values

CResponseXml.bSuccess = False when MessageDelete has failed

CResponseXml.bSuccess = True when MessageDelete is successful

Example

```
oResponse = goWS.FidelioSPMSWSXML("MessageDelete", "Session ID", New
Object() {123})
```

MessageRead

This function returns a list of messages from SPMS database.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "MessageRead", below is the list of poParam

For Date field pass in 30-Dec-1899 if not required

Table 4-101 psParam

Code	Type	Description	Required
psMsgDirection	String	S - All sent messages from the user that logged in R – All received messages for the user that logged in	Yes
pdMsgDateFrom	Date	Retrieve Messages from this date. Pass in DEFAULT_DATE if this is not required	Yes
pdMsgDateTo	Date	Retrieve Messages until this date. Pass in DEFAULT_DATE if this is not required	Yes
pnMsgProfileType	Integer	1=message to/from a guest 2=message to/from another crew member (private messages) 3=Official ship messages including broadcasted alert messages	Yes
pnMsgDeleted	Integer	Message deleted? (1-deleted, 0-not deleted yet)	Yes
psMsgModule	String	Messaging for which module (TA=TimeAttendance, HK=HouseKeeping, OTHER=for others)	Yes

Return Values

CResponseXml.bSuccess = False when MessageRead has failed

CResponseXml.bSuccess = True when MessageRead is successful, CResponse.oDataset will have 1 Data Table.

Table 4-102 ADO.NET Data Table field structure for data table ordered by field TAMS_MODDATE in descending order

Code	Type	Description
TAMS_ID	Integer	Unique Message ID
TAMS_CRW_ID	Integer	Message for this crew. Unique Crew identifier. Linked to RES.RES_ACC
TAMS_FROM	Integer	Message from this crew. Unique user login identifier. Linked to USR.USR_ID
TAMS_SUBJECT	String	Message subject
TAMS_MSG	String	Message Content
TAMS_MSG_CREATED	Date	Message created date
TAMS_READ	String	Message read? (1-read, 0-not read yet)
TAMS_READ_DATE	Date	Message read date
TAMS_DELETED	String	Message deleted? (1-deleted, 0-not deleted yet)
TAMS_MSG_TYPE	Number	0-Individual message, 1-Broadcasted message

Table 4-102 (Cont.) ADO.NET Data Table field structure for data table ordered by field TAMS_MODDATE in descending order

Code	Type	Description
TAMS_MODULE	String	Messaging for which component (TA=TimeAttendance, HK=HouseKeeping, CPL=Complaints, CHKIN=Upon Checkin, CABCHG=Cabin Change)
TAMS_PROFILE	Number	Type of Message (1-Passenger, 2-Crew, 3-Ship)
TAMS_LEVEL	Number	Message Level (1-Normal, 2-High)
TAMS_TO_USR_ID	Number	Message for this person. Linked to USR.USR_ID
TAMS_FROM_ACCID	Number	Message from this person. Linked to RES.RES_ACC
TAMS_MODDATE	Date	Last modified date
CRWNAME	String	Crew Member's Name
CRW_ID	Number	Crew ID
OPO_ID	String	Position ID
OPO_POSITION	String	Position Name
DEPTID	String	Department ID
DEPTNAME	String	Department Name
TAMS_EXTERNALID	Number	Linked to external record id. (TAMS_MODULE='CPL',>>CPL_ID), (TAMS_MODULE='CHKIN',>>RES_ACC), (TAMS_MODULE='CABCHG',>>RES_ACC)
XDOC_FILE	Blob	Binary file contained inside the table that stored the document (Compressed)
XDOC_FILENAME	String	Name of the file
XDOC_SIZE	Number	Size of file before compression

Example

```
oResponse = goWS.FidelioSPMSWSXML("MessageRead", "Session ID", New
Object() {'R', DateTime.SpecifyKind(DEFAULT_DATE,
DateTimeKind.Unspecified), DateTime.SpecifyKind(DEFAULT_DATE,
DateTimeKind.Unspecified), 2, 0, 'OTHER' })
```

MessageSend

This function adds new messages created externally into SPMS database.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "MessageSend", below is the list of poParam

For Date field pass in 30-Dec-1899 if not required

Table 4-103 psParam

Code	Type	Description	Required
pnMsgID	Integer	Unique Message ID (TAMS_ID). Put 0 for adding new record	Yes
pnFromUsrLogin	Long	Unique User ID of the crew that is sending the message. In SPMS, this is the USR.USR_ID value	Yes
pnToUsrLogin	Long	Unique User ID of the crew that is receiving the message. In SPMS, this is the USR.USR_ID value	Yes
psMsgSubject	String	Message subject	Yes
psMsgContent	String	Message content	Yes
pnProfileType	Integer	Message Profile Type. 1-Guest, 2-Crew, 3-Ship	Yes
pnMsgLevel	Integer	Message Level. 1-Normal, 2-High	Yes
pnMsgStatus	Integer	Message Status. 1-Sent, 2-Read, 3-Deleted	Yes
pdMsgCreated	Date	Message created date & time	Yes
psMsgModule	String	Messaging for which module (TA=TimeAttendance, HK=HouseKeeping, OTHER=for others)	Yes

Return Values

CResponseXml.bSuccess = False when MessageSend has failed

CResponseXml.bSuccess = True when MessageSend is successful

CResponsesXml.oObj = TAMS_ID when bSuccess = True

Example

```
oResponse = goWS.FidelioSPMSWSXML("MessageSend", "Session ID", New Object()
{123, 345, <Subject>, <MessageContent>, 2, 1, 2,
DateTime.SpecifyKind(DEFAULT_DATE, DateTimeKind.Unspecified) , 'OTHER'})
```

MessageSetRead

This function flag a message as read in SPMS database.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction="MessageSetRead", below is the list of poParam

Table 4-104 psParam

Code	Type	Description	Required
pnMsgID	Integer	Unique Message ID	Yes

Return Values

CResponseXml.bSuccess = False when MessageSetRead has failed

CResponseXml.bSuccess = True when MessageSetRead is successful

Example

```
oResponse = goWS.FidelioSPMSWSXML("MessageSetRead", "Session ID", New
Object() {123})
```

OHCCreditCardAddRouting

This function identifies a list of guests to be routed to the payer with a registered credit card.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "OHCCreditCardAddRouting", below is the list of psParam or poParam

Table 4-105 psParam

Parameter	Type	Description	Required
TerminalId	Integer	POS Terminal Identifier	Yes
paBuyer	Array of String	Unique Buyer Account Numbers	Yes
pnPayer	Integer	Unique Payer Internal Account Number	Yes

Return Values

CResponseXml.bSuccess = False when input values are invalid or no record found.

CResponseXml.bSuccess = True and CResponseXML. CCreditCard when input values are valid.

Table 4-106 CCreditCard field structure

Code	Type	Description
TerminalId	Integer	POS Terminal Identifier which sent the request

Example

```
oResponse = goWS.FidelioSPMSWSXML("OHCCreditCardAddRouting", "SESSIONID",
New Object() {12345678, New String() {"1026604","1026605","1026606"} ,
1026601})
```

OHCCreditCardGetAmount

This function obtains the guest card type (debit/credit) and the pre-authorization/payment amount.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "OHCCreditCardGetAmount", below is the list of psParam or poParam.

Table 4-107 psParam

Parameter	Type	Description	Required
TerminalId	Integer	POS Terminal Identifier	Yes
pnPayer	Integer	Unique Payer Internal Account Number	Yes
pnCardBin	Integer	First 6 digit (BIN) of the Payment Card Number (PAN)	Yes
TerminalMode	String	POS Mode: "UNATTENDED" or "ATTENDED"	Yes

Return Values

CResponseXml.bSuccess = False when input values are invalid or no record found.

CResponseXml.bSuccess = True and CResponseXML. CCreditCard when input values are valid.

Table 4-108 CCreditCard field structure

Code	Type	Description
TerminalId	Integer	POS Terminal Identifier which sent the request
gnTransID	Integer	Unique Transaction Reference ID
gsCardType	String	"DEBIT" or "CREDIT" or "COMBO"
gsCurrency	String	Currency used onboard. Only "EUR" or "USD" If the currency is different from the one used by the POS, the POS will abort the current transaction. In that case, after the periodic function (TmlTweet) an automatic currency alignment procedure is performed by the POS (no need of any other FC action).
gnAmount1	Integer	PreAuthorization (only for Credit Card during registration) or Payment Amount. The amount is expressed In cents. For example, : 125000 = 1.250,00
gnAmount2	Integer	Second Payment Amount (only for Debit/Combo card) (in cents).
gnAmount3	Integer	Third Payment Amount (only for Debit/Combo card) (in cents).
gnAmount4	Integer	Fourth Payment Amount (only for Debit/Combo card) (in cents).

Table 4-108 (Cont.) CCreditCard field structure

Code	Type	Description
gnAmount5	Integer	Fifth Payment Amount (only for Combo card) (in cents).
gbDebitRefund	Boolean	Indicate if there is refund amount on debit card True – charge amount >= invoice balance False – charge amount < invoice balance POS in unattended mode: if <gbLastday> ask for a payment only if <gbDebitRefund> is false. POS in unattended mode: if not <gbLastDay> doesn't care about <gbDebitRefund>
gsCruiseId	String	Cruise Identifier

Example

```
oResponse = goWS.FidelioSPMSWSXML("OHCCreditCardGetAmount", "SESSIONID",
New Object() {12345678, 1026601, 411111, "UNATTENDED"})
```

OHCCreditCardGuestSearch

This function searches the guest account by cruise card.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "OHCCreditCardGuestSearch", below is the list of psParam or poParam.

Table 4-109 psParam

Code	Type	Description	Required
TerminalId	Integer	POS Terminal Identifier	Yes
psSearchStr	String	Swiped MSC Cruise Card PAN within ';' Yes and '?'. Eg ;9841000099628100?	Yes

Return Values

CResponseXml.bSuccess = False when input values are invalid or no record found.

CResponseXml.bSuccess = True and CResponseXML.CCreditCard when input values are valid.

Table 4-110 CCreditCard field structure

Code	Type	Description
TerminalId	Integer	POS Terminal Identifier which sent the request
gnPayer	Integer	Unique Payer Account Number. It matches with one record (usually the first) in goAccount array (see below)

Table 4-110 (Cont.) CCreditCard field structure

Code	Type	Description
gsCabin	String	Guest Cabin Number
gdEmbDate	Date	Guest Embarkation Date (DD/MM/YYYY)
gdDebDate	Date	Guest Debarkation Date (DD/MM/YYYY)
gbCardRegistration	Boolean	Identify if card registration is allowed
gsCruiseId	String	Cruise Identifier
gbRouting	Boolean	Identify if routing can be performed True – routing allowed False – routing not allowed (routing already done)
gbLastDay	Boolean	Indicate if today it's the last day cruise for the guest
goAccount	Array of CGuest	Array of CGuest

Table 4-111 CGuest field structure

Code	Type	Description
gnAccID	Integer	SPMS Internal Account Number
gsFirstName	String	First Name
gsLastName	String	Last Name

Example

```
oResponse = goWS.FidelioSPMSWSXML("OHCCreditCardGuestSearch", "SESSIONID", New
Object() {12345678, ";9841000099628100"})
```

OHCCreditCardTmlTweet

This function is used to monitor the POS mode and provide POS information.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "OHCCreditCardTmlTweet", below is the list of psParam or poParam.

Table 4-112 psParam

Code	Type	Description	Required
TerminalId	Integer	POS Terminal Identifier	Yes
IpAddress	String	Ip address assigned to POS	Yes
ReleaseSW	String	SW version loaded into the POS	Yes
TerminalMode	String	POS Mode: "ATTENDED" or "UNATTENDED"	Yes
Currency	String	Only "USD" or "EUR"	Yes

Table 4-112 (Cont.) psParam

Code	Type	Description	Required
PendingNumber	Integer	A number of pending transactions to be performed once the connection with Payment Server (GT) will be automatically established.	

Return Values

CResponseXml.bSuccess = False when input values are invalid or no record found.

CResponseXml.bSuccess = True and CResponseXML.TerminalNotification when input values are valid.

Table 4-113 TerminalNotification field structure

Code	Type	Description
TerminalId	Integer	POS Terminal Identifier which sent the request
Settings	TAG Settings	TAG Settings (see below)

Table 4-114 TAG Settings field structure

Code	Type	Description
TerminalId	Integer	POS Terminal Identifier which sent the request
Settings	TAG Settings	TAG Settings (see below)

Example

```
oResponse = goWS.FidelioSPMSWSXML("OHCCreditCardTmlTweet", "SESSIONID",
New Object() {12345678, "[IP ADDRESS]", "01.10", "UNATTENDED", "EUR", 0})
```

OHCCreditCardUpdateCardInfo

This function sends the results of pre-authorization (credit card registration) or payment transaction to SPMS.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "OHCCreditCardUpdateCardInfo", below is the list of psParam or poParam.

Table 4-115 psParam

Parameter	Type	Description	Required
TerminalId	Integer	POS Terminal Identifier	Yes

Table 4-115 (Cont.) psParam

Parameter	Type	Description	Required
pnAcclID	Integer	Unique Payer Internal Account Number (Equal to gnPayer of GuestSearchResponse)	Yes
pnTransID	Integer	Unique Transaction Reference ID (Equal to gnTransID of GetAmountResponse)	Yes
psCardExpMMYY	String	Card Expiry Date in MMYY	
pnCDebitIndicator	Integer	0=Credit Card; 1=Debit Card	Yes
psCaptureMethod	String	'I'= ICC (Chip); 'A'=Swiped (ICCFallback); 'M'=MoTo (pending executed)	Yes
psToken	String	Credit Card Token First 6 and last 4 digits are the same as the credit card number (PAN) If "pending transaction" is generated (psResult = "PENDING") Token is temporary (pseudoToken): For example,; "41111199999999999999999999999999111"	Yes
psSignature	String	Hex ASCII signature or Hex (jpg,bmp,png) format	
pnAmount	Integer	Amount being authorized/settled The amount is expressed In cents. For example,; 30000 = 300,00	Yes
psResult	String	Update Card Info Status: "PENDING" = only for a credit card if, during a registration, the online connection to the Payment Server (GT) is not possible. psToken is temporary. "APPROVE" = transaction (debit or credit, auth or direct sale) approved "DECLINE" = transaction (debit or credit, auth or direct sale) not approved/aborted	Yes
psTransType	String	'AUTH'=Pre-authorization (only credit card) 'PAYMENT'=Direct sales for credit/debit card	Yes
psAuthCode	String	Authorization Code	
pnSTAN	Integer	STAN of the transaction. Sequential Transaction Number in Payment Gateway (GT)	
psReceipt	String	Transaction Receipt	
pnCardBin	Integer	First 6 digits (BIN) of Payment Card Number (PAN)	Yes

Table 4-115 (Cont.) psParam

Parameter	Type	Description	Required
psCurrency	String	The currency used for the transaction. Only 'USD' or 'EUR'	
pnActionCode	Integer	Action Code	
psAcquirerName	String	Acquirer/Card name	
psDateTime	String	Transaction Date and Time in the following format: YYYY-MM-DDThh:mm:ssZ. For example, "2014-11-28T15:17:46Z" Note that the Date and Time are of the POS/GT, not the current ones (on the vessel).	

Return Values

CResponseXml.bSuccess = False when input values are invalid or no record found.

CResponseXml.bSuccess = True and CResponseXML. CCreditCard when input values are valid.

Table 4-116 CCreditCard field structure

Code	Type	Description
TerminalId	Integer	POS Terminal Identifier which sent the request

Example

```
oResponse = goWS.FidelioSPMSWSXML("OHCCreditCardUpdateCardInfo",
"SESSIONID", New Object() {12345678, 1026604, 171859, "", 0, "I",
"4111111EF6BBE22235E0AA0D7E43F1111", "", 25000, "APPROVE", "AUTH",
"x12345", 000002, "", 411111})
```

PayCrewInvoice

This function searches for folio deduction for payrolls using various criteria from the SPMS system.

Input Parameters

psFunction= "PayCrewInvoice", below is the ordered list of input parameters and its descriptions

Table 4-117 psParam

Parameter	Type	Description	Required
UXP_A_ID	Integer	Required input. Unique identifier of UXP record - UXP_A_ID.	Yes

Table 4-117 (Cont.) psParam

Parameter	Type	Description	Required
BTD	String	Required input. Balance-to-date specifier. If TRUE, folio deduction will be based on up-to-date payroll balance. If FALSE, folio deduction will be based on total payroll end-balance supposedly available at the end of the month.	Yes
AmountPayable	Decimal	Required input. The amount of folio deduction.	Yes
Currency	String	Required input. Currency sign. Can use the currency sign return from previous "QueryCrewInvoice" function call.	Yes

Return Values

CResponseXml.bSuccess = False when WS function did not execute successfully. For example, due to invalid input parameters.

CResponseXml.bSuccess = True when WS function executed successfully, and

CResponseXML.oDataSet = *ADO.NET dataset*. The dataset will contain table SSH and SPP of the payroll used in folio deduction. *

Remark:

See SPMS Data Dictionary for details of the fields.

Example

```
oResponse = goWS.FidelioSPMSWSXML("PayCrewInvoice", "SessionID", New Object()
{12345, True, 250.00, "USD"})
```

PurchasePackage

This function is used for Package Plan purchase. Please refer to FCWSFunction Technical Specification, GetPackagePurchase function on how to obtain a list of package preset for user selection.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "PurchasePackage", below is the list of psParam or poParam.

Table 4-118 psParam

Parameter	Type	Description	Required
pnAccID	Integer	Unique Account ID	Yes
pnPpnID	Integer	Unique Package Plan ID	Yes

Table 4-118 (Cont.) psParam

Parameter	Type	Description	Required
pnRvc	Integer	MICROS POS Revenue Center Number	Yes
psRvcName	String(30)	MICROS POS Revenue Center Name	Yes
pnEmpl	Long	MICROS POS Employee Number	Yes
pnWSID	Long	MICROS POS Workstation ID	Yes
pbyImage	Byte Array	Signature Image	Optional
psTeam1	String(12)	Posting additional information - Server number 1	Optional
pnChkEmplNum	Long	Employee number on initial order	Optional

Return Values

CResponseXml.bSuccess = False when Purchase failed.

CResponseXml.bSuccess = True when Purchase successful. CResponseXml.oObj return the check image for printing

Example

```
oResponse = goWS.FidelioSPMSWSXML("PurchasePackage", "SessionID", New
Object() {12345,123457,1,"Restaurant",1234,1,<Signature Image byte array>})
```

Use WSFunction->GetPackagePurchase to get a list of available package to purchase

QueryCrewInvoice

This function returns crew member's invoice information along with information about his/her available payroll credit for folio deduction.

Input Parameters

psFunction= "QueryCrewInvoice", below is the ordered list of input parameters and its descriptions.

Table 4-119 psParam

Parameter	Type	Description	Required
UXP_A_ID	Integer	Required input. Unique identifier of UXP record - UXP_A_ID.	Yes
BTD	String	Required input. Balance-to-date specifier. If TRUE, will return up-to-date payroll balance available for folio deduction. If FALSE, will return total payroll end-balance supposedly available at the end of the month.	Yes

Return Values

CResponseXml.bSuccess = False when WS function did not execute successfully. For example, due to invalid input parameters.

CResponseXml.bSuccess = True when WS function executed successfully, and

CResponseXML.oDataSet = ADO.NET dataset. The dataset will contain table SSH and SPP of the payroll to be used for folio deduction. *

CResponseXML.oCrewInvoice(0) = info about available payroll credit for folio deduction.

- Amount = `uxp_a_pos_debit - uxp_a_pos_credit`, total invoice amount in onboard currency
- AmountPayable = invoice amount, in wage currency, that can be settled via folio deduction
- Currency = onboard currency
- AvailPay = available payroll amount or credit
- WageCurrency = `CTR_WAGE_CUR_TYP * CurrencyConvRate` = onboard to wage currency conversion rate

Remark:

See SPMS Data Dictionary for details of the fields.

Example

```
oResponse = goWS.FidelioSPMSWSXML("QueryCrewInvoice", "SessionID", New Object()
{12345, True})
```

RegisterRFIDBoardCard

This function associates a RFID board card to a guest for the purpose of door key encoding at door lock with Visionline System. This feature is applicable to cards encoded externally before embarkation day. The door key encoding will happen at the door lock only when the guest has checked in and the card is used at the lock.

The guest to be registered must have an expected reservation. Guests that are checked-in, checked-out or with a canceled reservation will be rejected. Also, guests already issued with a door-key encoded board card will be rejected as well.

In the event that the card belongs to another person, the function will also reject the registration. The only time such card can be re-registered under the new person is when the card has not been encoded with door key and the person is currently not checked-in.

When registration is successful, it will override the previously registered board card for the guest.

Note: The above validation is not applicable when connected to offline QCI Sync DB.

Input Parameters

psFunction= "RegisterRfidBoardCard", below is the list of psParam or poParam.

Table 4-120 psParam

Parameter	Type	Description	Required
pnAcclID	Long	Unique Payer Account ID	Yes
psUID	String	UID of The RFID Board Card	Yes

Return Values

CResponseXml.bSuccess = False when Update failed.

CResponseXml.bSuccess = True when Update successful.

This function supports enhanced error messaging:

CResponseXml.sErrorMsg: detailed long description of the error

CResponseXml.sErrWord: short brief description of error title

CResponseXml.sErrCode: 6-CHAR or less error code.

Example

```
oResponse = goWS.FidelioSPMSWSXML("RegisterRfidBoardCard", "SessionID",
New Object() {12345,"CD125E84"})
```

RegisterRFIDBoardCardQuery

This function queries SPMS on the passed in UID before "RegisterRfidBoardCard" is called to make sure "RegisterRfidBoardCard" will be successful.

Input Parameters

psFunction= "RegisterRfidBoardCardQuery", below is the list of psParam or poParam.

Table 4-121 psParam

Parameter	Type	Description	Required
pnAcclID	Long	Unique Payer Account ID	Yes
psUID	String	UID of The RFID Board Card	Yes

Return Values

CResponseXml.bSuccess = False when Update failed.

CResponseXml.bSuccess = True when Update successful.

This function supports enhanced error messaging:

CResponseXml.sErrorMsg: detailed long description of the error

CResponseXml.sErrWord: short brief description of error title

CResponseXml.sErrCode: 6-CHAR error code. (can be less than 6-char)

Example

```
oResponse = goWS.FidelioSPMSWSXML("RegisterRfidBoardCardQuery", "SessionID", New
Object() {12345,"CD125E84"})
```

RetrievePage

This function searches for a guest using various criteria from the SPMS system.

Input Parameters

psFunction= "GuestSearch", below is the list of psParam or poParam.

Table 4-122 psParam

Parameter	Type	Description	Required
pnPage	Integer	Page Number	Yes
psFunction	String	Last call function	Yes
psWSFunction	String	Need to pass in when psFunction = 'WSFunction'	Optional

Return Values

CResponseXml.bSuccess = False when RetrievePage has failed

CResponseXml.bSuccess = True when RetrievePage is successful,

Other value depend on the psFunction and psWSFunction, refer to the psFunction for detail

SearchAmenity

This function is an advanced amenity search.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "SearchAmenity", below is the list of poParam

Please take note some parameter is optional. However, the more parameters passed in, the least records it will return.

For Date field pass in 30-Dec-1899 if not require

For Array field, pass in an empty array or "Nothing" to skip this checking.

For JSON, the array of string will be a string separated by ",", each string must be start and end with a double quotation (").

For example,

"A,","B," = 2 Element

Element 1 = A,

Element 2 = B,

Table 4-123 psParam

Parameter	Type	Description	Required
peReservationType	Integer	ReserveAndCheckIn , 1 – Reserve , 2- CheckIn 3- CheckOut	
pdExpDeliveryDateFrom	Date	Amenity Delivery Date (AME_DDDATE)If nothing is passed in, then it will skip this criteria	
pdExpDeliveryDateTo	Date	Amenity Delivery Date (AME_DDDATE)If nothing is passed in, then it will skip this criteria	
pdDeliveredDateFrom	Date	Amenity Service Done Date (AME_DONE_DATE)If nothing is passed in, then it will skip this criteria	
pdDeliveredDateTo	Date	Amenity Service Done Date (AME_DONE_DATE)If nothing is passed in, then it will skip this criteria	
psGuestLastName	String	Guest Last Name (UXP_A_NAME)If nothing is passed in, then it will skip this criteria	
psGroupID	Array of String	Travel Group ID (UXP_A_ID)If nothing is passed in, then it will skip this criteria	
psCabinCategory	Array of String	Cabin Category (TYP_CAT.TYP_ART)If nothing is passed in, then it will skip this criteria	
psDeliveryLocation	Array of String	Amenity Delivery Location (AME_LOCATION)If nothing is passed in, then it will skip this criteria	
psDeck	Array of String	Cabin Deck (TYP_DEK.TYP_ART)If nothing is passed in, then it will skip this criteria	
psDeliveredBy	Array of String	Amenity Delivery By (USR.USR_ID)If nothing is passed in, then it will skip this criteria	
psCabin	Array of String	Unique Cabin IDs (CAB.CAB_ID)If nothing is passed in, then it will skip this criteria	
psAmenityCode	Array of String	Amenity Code (TYP_AMT.TYP_ART)If nothing is passed in, then it will skip this criteria	
psDepartment	Array of String	Amenity Delivery Division (AME_ODI_ID)If nothing is passed in, then it will skip this criteria	
psHKSection	Array of String	Housekeeping Section Name (HSC_NAME)If nothing is passed in, then it will skip this criteria	

Return Values

CResponseXml.bSuccess = False when SearchAmenity has failed

CResponseXml.bSuccess = True when SearchAmenity is successful, CResponse.oDataset will have 1 Data Table.

Table 4-124 ADO.NET Data Table field structure

Code	Type	Description
AME_ID	Integer	Amenity ID (Unique ID)
AMECODE	String	Amenity Code. Linked to TYP_AMT.TYP_ART.
AMENAME	String	Port Name. Linked to TYP_AMT.TYP_COMMENT.
ACCID	Integer	Account ID
NAME	String	Guest Name
RESSTATUS	String	Reservation Status
VIPCODE	String	VIP ID. Linked to TYP_VIP.TYP_ART.
VIPNAME	String	VIP Name. Linked to TYP_VIP.TYP_COMMENT.
PORTID	String	Embarkation Port ID
PORTNAME	String	Embarkation Port Name. Linked to TYP_HRB.TYP_COMMENT.
GROUPID	Integer	Travel Group Reference ID
GROUPNAME	String	Travel Group Name
CABINID	String	Unique Cabin ID
HSC_NAME	String	Housekeeping Section Code
HSC_COMMENT	String	Housekeeping Section Name
AME_LOCATION	String	Amenity Delivery Location
AME_ODI_ID	String	Amenity Delivery Division ID. Linked to TYP_ODI.TYP_ART.
TYP_COMMENT	String	Amenity Delivery Division Name. Linked to TYP_ODI.TYP_COMMENT.
CAB_VZONE	String	Cabin vertical zone. Linked to TYP_VTZ.TYP_ART.
CAB_VZONE_NAME	String	Cabin vertical zone description. Linked to TYP_VTZ.TYP_COMMENT.
CAB_TYPE	String	Cabin Type ID. Linked to TYP_CAT.TYP_ART.
TYP_COMMENT1	String	Cabin Type Name. Linked to TYP_CAT.TYP_COMMENT.
CAB_DECK	String	Cabin Deck ID. Linked to TYP_DEK.TYP_ART.
TYP_COMMENT2	String	Cabin Deck Name. Linked to TYP_DEK.TYP_COMMENT.
AME_DDATE	Date	Amenity Delivery Date
AME_DONE_DATE	Date	Amenity Service Done Date
AME_DONE_USERID	Integer	Amenity Service done by the waiter. Linked to USR.USR_ID.
USR_LOGIN	String	User Login Name.

Table 4-124 (Cont.) ADO.NET Data Table field structure

Code	Type	Description
CAB_KEEPER	Integer	Housekeeper ID. Linked to RES.RES_ACC.
CAB_KEEPER_NAME	String	Housekeeper Name.
CAB_A_KEEPER	Integer	Assistant Housekeeper ID. Linked to RES.RES_ACC.
CAB_A_KEEPER_NAME	String	Assistant Housekeeper Name.
CAB_G_WAITER	Integer	Waiter ID. Linked to RES.RES_ACC.
CAB_G_WAITER_NAME	String	Waiter Name.
CAB_A_WAITER	Integer	Assistant Waiter. Linked to RES.RES_ACC
CAB_A_WAITER_NAME	String	Assistant Waiter Name
AME_AMOUNT	Double	Amenity Price
AME_COMMENTS	String	Amenity Comments
AME_COST	Integer	Amenity Cost
AME_CREATED_BY	Integer	User Created Amenity Request
AME_CREATED_DATE	Date	Amenity Created Date
AME_CURR_ID	String	Amenity price currency. Linked to TYP_CUR.TYP_ART
AME_EXT_CODE	String	External Brochure Code
AME_EXT_ID	String	External ID
AME_FLG	String	Displayed as a flag in the Amenities section in guest billing screen. Not been referenced anywhere else.
AME_MESSAGE	String	Message From Sender
AME_MODDATE	Date	Last Modified Date
AME_NOTE	String	Amenity Description
AME_OCCURRENCE	String	Amenity Deliver Occurrence
AME_QUANTITY	Integer	Amenity Quantity
AME_RESBOOKNR	String	External Reservation Booking Number. Linked to RES.RES_BOOKNR
AME_RESID	Integer	Reservation account ID. Linked to RES.RES_ID
AME_SENDER1	String	Amenity Sender
AME_SENDER2	String	Amenity Sender 2 (Not been referenced)
AME_V_GUESTID	Integer	Reservation System account ID. Linked to RES.RES_V_GUESTID
AME_VID	String	Unique ID

Example

```
oResponse = goWS.FidelioSPMSWSXML("SearchAmenity", New Object()
{<ReservationType>,<ExpDeliveryDateFrom>,<ExpDeliveryDateTo>,<DeliveryDate
From>,<DeliveryDateTo>,<LastName>,<GroupID>,<CabinCategory>,<DeliveryLocat
ion>,<Deck>,<DeliveryBy>,<CabinID>,<AmeCode>,<Department>,<HKSection>})
```

SearchCabin

This function performs an advanced search on cabins in SPMS. If a date is passed in, then only the list of crash cabins found for that date will be returned.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "SearchCabin", below is the list of poParam.

Please note that all the parameter is "Optional" and the more parameters pass in, the least records it will return.

For Array field, pass in an empty array or "Nothing" to skip this checking.

For Date field pass in 30-Dec-1899 if it is not required.

For JSON, the array of string will be a string separated by ",", each string must be start and end with a double quotation mark ("").

For example,

"A,","B," = 2 Element

Element 1 = A,

Element 2 = B,

Table 4-125 psParam

Parameter	Type	Description	Required
psCabin	Array of String	Unique Cabin IDs	Yes
psCabinHKStatus	Array of String	Cabin Housekeeping Status (OD, OC, VD, VC)	Yes
psCabinAvlStatus	Array of String	Cabin Availability (OO, OV, BL, AV)	Yes
psHKSection	Array of String	Housekeeping section codes	Yes
psDeck	Array of String	Cabin Deck (TYP_DEK.TYP_ART)	Yes
psCabinCategory	Array of String	Cabin Category (TYP_CAT.TYP_ART)	Yes
psCabinType	Array of String	'P' for Pax, 'C' for Crew	Yes
psCabinVerticalZone	Array of String	Cabin Vertical Zone (TYP_VTZ.TYP_ART)	Yes
pdCrashCabinDate	Date	Date to check for crash cabins. If do not require to check for crash cabins please pass in 30-Dec-1899	Yes
psCabinSpecialNeeds	Array of String	0-Normal Cabin,1-Cabin with special need feature	Yes
psCabinFeatures	Array of String	Features available in the cabin. Linked to TYP_CAF.TYP_ART	Yes

Return Values

CResponseXml.bSuccess = False when SearchCabin has failed

CResponseXml.bSuccess = True when SearchCabin is successful,
CResponse.oDataset will have 2 Data Table.

Table 4-126 ADO.NET Data Table field structure for data table (“CAB”). This lists the cabins and its details.

Code	Type	Description
CAB_ID	String	Unique Cabin ID
CAB_DESIGN	String	'P' for Pax, 'C' for Crew
CAB_STATE	String	Cabin Availability Status (OO=Out of Order, OS=Out of Service, BL=Blocked, AV=Available)
CAB_BEDS	Number	No of beds/berths in the cabin
CAB_BEDS_SETUP	String	Beds setup for each cabin. Format saved A,B,C,D,E or 1,2,3,4,5
CAB_TEL	String	Cabin Telephone Number
CAB_TEL2	String	Cabin Telephone Number 2
CAB_BEG_BLOCK_D	Date	The cabin is pending repairs, this field stores the date for when this cabin is blocked from. This is the 'Block From' field in FC Admin Cabin setup.
CAB_REPAIR_D	Date	The cabin is pending repairs, this field stores the date for when this cabin is blocked until. This is the 'Block Until' field in FC Admin Cabin setup.
CAB_REPAIR_T	String	The cabin is pending repairs, this field stores the unavailability reason when CAB_STATE=OO or OS or BL. This is the 'Unavailability Reason' field in FC Admin Cabin setup.
CAB_LIFEBOAT	String	Lifeboat this cabin is assigned to. TYP_BOT.TYP_ART
CAB_LIFEBOAT_NAME	String	Lifeboat this cabin is assigned to. TYP_BOT.TYP_COMMENT
CAB_STATION	String	Muster Station this cabin is assigned to. Linked to MST.MST_ID
CAB_STATION_NAME	String	Muster Station this cabin is assigned to. Linked to MST.MST_NAME
CAB_LOCATION	Integer	Null-Undefined,1-Forward,2-Mid Ship,3-Aft
CAB_STARBOARD	Integer	0-Portside,1-Starboard
CAB_CAT	String	Cabin Type. Linked to TYP_CAT.TYP_ART
CAB_CAT_NAME	String	Cabin Type Description. Linked to TYP_CAT.TYP_COMMENT
CAB_DECK	String	Cabin Deck. Linked to TYP_DEK.TYP_ART
CAB_DECK_NAME	String	Cabin Deck Description. Linked to TYP_DEK.TYP_COMMENT
CAB_HKSTATUS	String	Cabin Housekeeping status (OD, VD, OC, VC). Linked to TYP_CCS.TYP_ART
CAB_HKSTATUS_NAME	String	Cabin Housekeeping status description. Linked to TYP_CCS.TYP_COMMENT
CAB_VZONE	String	Cabin vertical zone. Linked to TYP_VTZ.TYP_ART

Table 4-126 (Cont.) ADO.NET Data Table field structure for data table (“CAB”). This lists the cabins and its details.

Code	Type	Description
CAB_VZONE_NAME	String	Cabin vertical zone description. Linked to TYP_VTZ.TYP_COMMENT
CAB_CRW_POSITION	String	Assign default crew position to a cabin
CAB_KEEPER	Integer	Unique Crew ID. Housekeeper assigned to this cabin for gratuity distribution. Linked to RES.RES_ACC. This is the 'Keeper' field in the FC Admin Cabin setup.
CAB_KEEPER_NAME	String	Keeper's Crew Name
CAB_A_KEEPER	Integer	Unique Crew ID. The assistant housekeeper that is assigned to this cabin for gratuity distribution. Linked to RES.RES_ACC. This is the 'Assistant Keeper' field in the FC Admin Cabin setup.
CAB_A_KEEPER_NAME	String	Assistant Keeper's Crew Name
CAB_H_WAITER	Integer	Unique Crew ID. Head Waiter that is assigned to this cabin for gratuity distribution. Linked to RES.RES_ACC. This is the Head Waiter' field in the FC Admin Cabin setup.
CAB_H_WAITER_NAME	String	Head Waiter's Crew Name
CAB_A_WAITER	Integer	Unique Crew ID. The assistant waiter that is assigned to this cabin for gratuity distribution. Linked to RES.RES_ACC. This is the 'Assistant Waiter' field in the FC Admin Cabin setup.
CAB_A_WAITER_NAME	String	Assistant Waiter's Crew Name
CAB_G_WAITER	Integer	Unique Crew ID. The waiter that is assigned to this cabin for gratuity distribution. Linked to RES.RES_ACC. This is the Waiter' field in the FC Admin Cabin setup.
CAB_G_WAITER_NAME	String	Waiter's Crew Name
HKSECTION_NAME	Integer	Housekeeping Section Name. Linked to HSC.HSC_NAME
HKSECTION_COMMENT	String	Housekeeping Section Comment. Linked to HSC.HSC_COMMENT
HSC_CRW	String	Housekeeping Crew Id. List of Housekeeping crew id that can be assigned housekeeping tasks
CAB_SPECIALNEED	Integer	0-Normal Cabin,1-Cabin with special need feature
CAB_FEATURE	String	Features available in the cabin. Linked to TYP_CAF.TYP_ART

SearchCntrAssgn

Input Parameters

psFunction= "SearchCntrAssgn", below is the ordered list of input parameters and its descriptions.

Table 4-127 psParam

Parameter	Type	Description	Required
MemoryLifeSpan	Integer	Optional in seconds, default as zero. If set to non-zero, resultset will be kept in memory for reuse when a subsequent call is issued within the specified time interval with MemoryReuse = TRUE.	Optional
MemoryReuse	Boolean	Optional, default as FALSE. When set to TRUE, the search will not query DB but instead just return records from the previous resultset.	Optional
RecordPerPage	Integer	Optional, default as zero. Specify the number of unique person records for which their contracts will be returned. If it is zero, it will return all records in the result set.	Optional
PageNum	Integer	Optional, default as zero for page 1. Specify the page to return in a multi-page resultset.	Optional
UXP_A_IDs	String	Optional. Comma delimited UXP_A_ID.	Optional
SearchStr	String	Optional. If specified, will be used to search based on following fields. The order of following also determines the sequence in which the search is carried out until a match is received. RES_BOARDCC (exact match), RES_CC_NUMBER (exact match), RES_CAB (exact match), UXP_A_NAME_N (partial match), and UXP_C_EXTERNALID or UXP_C_INTERNALID (exact match) depending on PAR "Display UXP_C_EXTERNALID As Crew ID".	Optional
ORDER_BY	String	Optional. Only supports UXP, RES and CTR column ordering.	Optional
RES_STATUSES	String	Optional. Comma delimited RES_STATUS. *	Optional
EMB_DATE_01	Date	Optional. EMB_DATE_01 and EMB_DATE_02 specify the date range of NVL(res_emb_a,res_emb_e). Or CTR_BEG_DATE if NOB.	Optional

Table 4-127 (Cont.) psParam

Parameter	Type	Description	Required
EMB_DATE_02	Date	Optional. EMB_DATE_01 and/or EMB_DATE_02 specify the date range of NVL(res_emb_a,res_emb_e). Or CTR_BEG_DATE if NOB.	Optional
DEB_DATE_01	Date	Optional. DEB_DATE_01 and/or DEB_DATE_02 specify the date range of NVL(res_dis_a,res_dis_e). Or CTR_END_DATE if NOB.	Optional
DEB_DATE_02	Date	Optional. DEB_DATE_01 and/or DEB_DATE_02 specify the date range of NVL(res_dis_a,res_dis_e). Or CTR_END_DATE if NOB.	Optional
CTR_STATUSES	String	Optional. Comma delimited CTR_STATUS. *	Optional
SGR_IDs	String	Optional. Comma delimited SGR_ID.	Optional
CTR_TYP_CTRs	String	Optional. Comma delimited CTR_TYP_CTR.	Optional
CTR_NOB_FLAG	String	Optional. "1" for NOB assignments. "0" for normal assignments.	Optional
CTR_PCY_IDs	String	Optional. Comma delimited CTR_PCY_ID.	Optional
CTR_XCET_IDs	String	Optional. Comma delimited CTR_XCET_ID.	Optional
UXP_H_NATIONS	String	Optional. Comma delimited UXP_H_NATION.	Optional
ENDING_PYRL	Boolean	Optional. If TRUE, will return assignment with pending final month payroll.	Optional

Return Values

CResponseXml.bSuccess = False when WS function did not execute successfully. For example, due to invalid input parameters.

CResponseXml.bSuccess = True when WS function executed successfully, along with

CResponseXML.oDataSet = Nothing, when no record is found. Otherwise,

CResponseXML.oDataSet = *ADO.NET dataset*, which will contain table ACC (UXP/RES), CTR, SPD, COH, PCY, SED, SPO and XCET. *

CResponseXML.nTotalPage = total number of pages in the resultset, when input parameter *RecordPerPage* is specified.

Remark:

See SPMS Data Dictionary table for details of the fields.

Example

```
oResponse = goWS.FidelioSPMSWSXML("SearchCntrAssgn", "SessionID", New Object()
{60, True, 10, 1, "", "123", "UXP_C_EXTERNALID", "RR,RE,RX,RN,CC,CL,DD", _
```

```
"", "", "", "", "A,C", "", "", "", "0", "", "", "", False}}
```

SearchComment

This function searches for the guest comment.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "SearchComment", below is the list of poParam.

For Array field, pass in an empty array or "Nothing" to skip this checking.

For JSON, the array of string will be a string separated by ",", each string must be start and end with a double quotation mark ("").

For example,

"A","B," = 2 Elements

Element 1 = A,

Element 2 = B,

Table 4-128 psParam

Code	Type	Description	Required
pdFrom	Date	From date range	Yes
pdTo	Date	To date range	Yes
psCabin	Array of String	List of Cabin	Optional
pnUsrID	Array of Long	List of user who created the comment	Optional
psComplaintCode	Array of String	List of Comment Description Code (TYP_CPL.TYP_ART)	Optional
psReportType	Array of String	List of Report Type Code (TYP_CPI,TYP_ART)	Optional
psCategory	Array of String	List of Comment Category (TYP_CMC.TYP_ART)	Optional
peDone	Integer	0 - All, 1 - Done, 2 - Not Done	Optional
peUrgent	Integer	0 – All, 1 – Urgent, 2 – Not Urgent	Yes
peSensitive	Integer	0 – All, 1 – Sensitive, 2 – Not Sensitive	Yes
peGuestType	Integer	0 – All, 1 – Crew, 2 – Staff, 3 – Crew and Staff, 4 - Guest	Yes
psDeptInvolved	Array of String	Department Involved code (TYP_CDI.TYP_ART)	Yes
psOperationPosition	Array of String	Operation Position (OPO_ID), operation position is link to department involved	Optional

Table 4-128 (Cont.) psParam

Code	Type	Description	Required
pbIncludePicture	Boolean	True = Will return the comment picture/ document False = Will return nothing, this is for slow device, so it will need to look up the picture using WSF using the value CPL_XDOC_ID, default = True	Optional
pnAccID	Array of Integer	List of Account ID	Optional

Return Values

CResponseXml.bSuccess = False when SearchComment has failed.

CResponseXml.bSuccess = True when SearchComment is successful, CResponse.oDataset will have 1 Data Table if paging is not use 2 Data Table is paging is use (Login.pnRowsPerPage > 0), please take note all the same cpl_link_id will be return with the exception of psCabin and pnAccID.

Table 4-129 ADO.NET Data Table field structure for data table for table 1 when paging is in use

Code	Type	Description
CPL_LINK_ID	Integer	Link ID between the parent comment and child comment and resolution and also link to multiple guest comment
CPL_ACC_ID	Integer	Link ID between the parent comment and child comment and resolution and also link to multiple guest comment
CPL_RES_DONE	Integer	0 – Not Resolved, 1 - Resolved

Table 4-130 ADO.NET Data Table field structure for table 1 - paging not in use, table 2 - paging in use.

Code	Type	Description
CPL_ID	Integer	Unique ID
CPL_LINK_ID	Integer	Link ID between the parent comment and child comment and resolution and also link to multiple guest comment
CPL_ACC_ID	Integer	Account ID
CPL_USR_ID	Long	User who create the comments/resolution
CPL_TYPE	String	C-Comment, R-Resolution
CPL_DATE	Date	Date/Time the comment/resolution created
CPL_EXT_ID	String	External Code.

Table 4-130 (Cont.) ADO.NET Data Table field structure for table 1 - paging not in use, table 2 - paging in use.

Code	Type	Description
CPL_DESCR_CODE	String	Comment Description Code (TYP_CPL.TYP_ART) Resolution Description Code (TYP_RES.TYP_ART)
CPL_DESCR	String	Comment/Resolution Description
CPL_COMMENT	String	Comment/Resolution Comment
CPL_REQ_RES_DATE	Date	Requested Resolution Date.
CPL_RES_DONE	Integer	0 – Not Resolved, 1 - Resolved
CPL_RES_BY	String	Person who done the resolution
CPL_RES_DATE	Date	Resolution Resolved Date
CPL_RES_COST	Decimal	Comment/Resolution Associate Cost.
CPL_REPORT_TYPE	String	Define Comment Reporting Method.
CPL_URGENT	Integer	0-Default;1-Urgent
CPL_CRW_ID	Integer	The Crew link to the CPL_USR_ID
CPL_SENSITIVE	Integer	0-Default;1-Sensitive
CPL_TYP_CMC	String	Comment Category Code (TYP_CMC.TYP_ART)
CPL_XDOC_ID	Integer	Scan Document/Picture, Link to xdoc_id.
CPL_VID	String	External Unique ID for use with import
CPL_VEN_ID	Integer	Vendor ID, link to VEN.VEN_ID
CPL_INTERNAL	Integer	Internal Usage Flag
CPL_DEPARTMENT_INVOLVE D	String	Comment Department Involved Codes. Separated by comma (,) (TYP_CDI.TYP_ART)
CRW_NAME	String	Crew Name who created the comment/resolution base on the crew link in user setup
UXP_A_TAG	String	P-Pax, C-Crew or Staff
NAME	String	Guest Name
RES_CAB	String	Cabin Number
CATEGORY	String	Comment Category Description
REPORTTYPE	String	Comment Report Type Description
DESCRCODE	String	Comment Description Code Description
XDOC_FILE	Array of Byte	The doc/picture uploaded
XDOC_FILENAME	String	The filename of the doc/picture, use the file extension to determine if it is a document or picture
XDOC_ISPICTURE	Integer	1-This is a picture,0-This is a document, need to use the XDOC_FILENAME to determine the document type

Example

For example, this is to search all comment for cabin 05000 and 05002

```
oResponse = FidelioWS("SearchComment", New Object() {DateTime.SpecifyKind(<From
Date>, DateTimeKind.Unspecified), _
DateTime.SpecifyKind(<To Date>, DateTimeKind.Unspecified), _
New String() {"05002", "05000"}, Nothing, Nothing, Nothing, _
Nothing, 0, 0, 0, 0, Nothing, Nothing, False, False, Nothing})
```

SearchCrashCabin

This function searches for 'crash cabins' in SPMS. Crash Cabin is defined as guests who checks in and checks out into the same cabin on the same day and port.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "SearchCrashCabin", below is the list of psParam

For Date field pass in 30-Dec-1899 if not require

Table 4-131 psParam

Code	Type	Description	Required
pdDateSelected	Date	Date of check-in/check-out for searching crash cabins. If 30-Dec-1899 is passed in, then it will search based on SPMS system date	Yes
psPortID	String	Port ID. Linked to SCD.SCD_PORT_ID. If an empty string is passed in, then it will search for all ports for pdDateSelected	Yes

Return Values

CResponseXml.bSuccess = False when SearchCrashCabin has failed

CResponseXml.bSuccess = True when SearchCrashCabin is successful,
CResponse.oDataset will have 1 Data Table.

Table 4-132 ADO.NET Data Table field structure for data table.

Code	Type	Description
CABIN	String	Unique Cabin ID
SCD_PORT_ID	String	Port Name

Example

```
oResponse = goWS.FidelioSPMSWSXML("SearchCrashCabin", "Session ID", New Object()
{DateTime.SpecifyKind(DEFAULT_DATE, DateTimeKind.Unspecified),0})
```

SearchGangwaylog

This function gets the gangway activities from SPMS.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "SearchGangwaylog", below is the list of psParam or poParam.

Table 4-133 psParam

Parameter	Type	Description	Required
pdFromDate	Date	From date & time	Yes
pdToDate	Date	To date & time	Yes
pnAccID	Integer	Unique Account ID	Yes
psLocation	String	Gangway location	Yes
psMovement	String	Movement	Yes
psAccType	String	Account Type	Yes
psCab	String	Cabin Number	Yes
psName	String	Name	Yes
peSortType	Integer	Sort Type	Optional

Below are the description of the parameters.

pdFromDate

From date and time

pdToDate

To date and time

pnAccID

Unique Account ID, this is optional, if you want to search all guest, pass in 0

psLocation

This is the location where the guest pass through the gangway

psMovement

Pass in blank for all movement. Below is the valid value

IMMIGRATION UNCHECK

IMMIGRATION CHECK

Going Shore-side

Coming Onboard

psAccType

Account Type, pass in blank for all. Below is the valid value

C

G

V

psCab

Cabin number

psName

Guest Name, if “,” exists, all text before “,” will be first name, all text after “,” will be the last name. If “,” does not exist we will search the last name only.

peSortType

0 – Sort by GLG_ID ASC

1 – Sort by GLG_ID DESC

2 – Sort by GLG_DATE ASC

3 – Sort by GLG_DATE DESC

Default = 0

Return Values

CResponseXml.bSuccess = False when SearchGangwaylog has failed

CResponseXml.bSuccess = True when SearchGangwaylog is successful,
CResponse.oDataset will have 1 Data Tables.

Table 4-134 ADO.NET Data Table field structure for data table

Code	Type	Description
GLG_DATE	Date	Movement Date and Time
GLG_STATION	String	PC Name where the movement is done
GLG_LOCATION	String	Location where the movement takes place
GLG_MOVEMENT	String	Movement direction
UXP_A_FSTN	Integer	First Name
UXP_A_NAME	String	Last Name
UXP_A_TAG	String	Account Type P-Passenger,C-Crew,V-Visitor
RES_CAB	String	Cabin Number
GLG_SHORE_DENIED	Integer	Flag overridden shore leave denied passenger
GLG_SWIPE	String	Yes-Card is swipe, No-Manual Enter
TYP_COMMENT	String	Port Name (Only exists in Ferry Mode)
RES_ACC	Integer	Unique Account ID

Example

```
oResponse = goWS.FidelioSPMSWSXML("SearchGangwaylog", "", New Object()
{ DateTime.SpecifyKind(#1/1/2011 1:00:00 pm#, DateTimeKind.Unspecified), _
```

```
DateTime.SpecifyKind(#2/1/2011 6:00:00 pm#, DateTimeKind.Unspecified),0,
"", "", "", "", "")
```

SearchHKForecast

This function returns a list of itinerary port days and list of guests' reservations per cabin.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "SearchHKForecast", below is the list of psParam.

Please take note some parameter is optional. However, the more parameters passed in, the least records it will return.

For Date field pass in 30-Dec-1899 if not require

For Array field, pass in an empty array or "Nothing" to skip this checking.

For JSON, the array of string will be a string separated by ",", each string must start and end with a double quotation mark ("").

For example,

"A,"","B,"" = 2 Element

Element 1 = A,

Element 2 = B,

Table 4-135 psParam

Parameter	Type	Description	Required
pdItineraryFrom	Date	Port Itinerary From Day	Yes
pdItineraryTo	Date	Port Itinerary To Day	Yes
psCabinHKStatus	Array of String	Cabin Housekeeping Status	Yes
psHKSection	Array of String	Housekeeping Section	Yes
psDeck	Array of String	Cabin Deck	Yes
psCabin	Array of String	Cabins	Yes
psCabinAvlStatus	Array of String	Cabin Availability Status	Yes
pdCrashCabinDate	Date	Date to search for Crash Cabins	Yes

Return Values

CResponseXml.bSuccess = False when SearchHKForecast has failed

CResponseXml.bSuccess = True when SearchHKForecast is successful,
CResponse.oDataset will have 4 Data Table.

Table 4-136 ADO.NET Data Table 1 (“ITIN”) - Master Table 1 lists all the itinerary port days

Code	Type	Description
SCD_ID	Integer	Unique Port Day ID
SCD_DATE	Date	Port Date
PORTNAME	String	Port ID (SCD_PORT_ID)
PORTDESCR	String	Port Name
SCD_DESCR	String	Port Description
SCD_ARRIVE_TIME	Date	Port Arrival Time
SCD_DEPART_TIME	Date	Port Departure Time

Table 4-137 ADO.NET Data Table 2 (“CABINS”) – Master Table 2 lists all cabins

Code	Type	Description
CAB_ID	Integer	Unique Cabin ID
CAB_STATE	String	Cabin State (OO=Out of Order, OS=Out of Service, BL=Blocked, AV=Available)
CAB_CLEAN_STATE	String	Cabin Housekeeping status
CAB_BEG_BLOCK_D	Date	Date of cabin blocked from
CAB_REPAIR_D	Date	Date of cabin blocked until
CAB_REPAIR_T	String	Unavailability Reason

Table 4-138 ADO.NET Data Table 3 (“RESERV”) – linked to Data Table2 by cabin, lists all reservations grouped by booking number

Code	Type	Description
RES_BOOKNR	String	Reservation Booking Number
TOTALGUEST	Integer	Number of Guests
RES_CAB	String	Cabin
RES_STATUS	String	Reservation status
EMBARKDATE	Date	Embarkation Date (Arrival date & time) for expected guests
DEBARKDATE	Date	Debarkation Date (Arrival date & time) for already onboard guests
EMBARKPORT	String	Embarkation Port for expected guests
DEBARKPORT	String	Debarkation Port for already onboard guests

Table 4-139 ADO.NET Data Table 4 (“CRASH_CABINS”) – Master Table 4 lists all crash cabins and their reservations

Code	Type	Description
CAB	String	Cabin

Table 4-139 (Cont.) ADO.NET Data Table 4 (“CRASH_CABINS”) – Master Table 4 lists all crash cabins and their reservations

Code	Type	Description
EMBARK_RES_BOOKNR	String	Reservation Booking Number for the embarking guest
EMBARK_STATUS	String	Reservation Status of the embarking guest
EMBARK_PORT	String	Embarkation Port of the embarking guest
DEBARK_RES_BOOKNR	String	Reservation Booking Number for the debarking guest
DEBARK_STATUS	String	Reservation Status of the debarking guest
DEBARK_PORT	String	Debarkation Port of the debarking guest

Example

```
oResponse = goWS.FidelioSPMSWSXML("SearchHKForecast", "Session ID", New
Object() {DateTime.SpecifyKind(DEFAULT_DATE, DateTimeKind.Unspecified),
DateTime.SpecifyKind(DEFAULT_DATE, DateTimeKind.Unspecified),Nothing,
Nothing, Nothing, Nothing, Nothing, DateTime.SpecifyKind(DEFAULT_DATE,
DateTimeKind.Unspecified)})
```

SearchHouseKeeping

This function performs an advanced search for housekeeping cabins and its tasks.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= “SearchHousekeeping”, below is the list of poParam

Please take note some parameter is optional. However, the more parameters passed in, the least records it will return.

For Date field pass in 30-Dec-1899 if not require

For Array field, pass in an empty array or “Nothing” to skip this checking.

For JSON, the array of string will be a string separated by “,”, each string must be start and end with a double quotation mark (“”).

For example,

“A,”,”B,” = 2 Element

Element 1 = A,

Element 2 = B,

Table 4-140 psParam

Parameter	Type	Description	Required
pbIsCabin	Boolean	True – Cabin, False = Location	Yes

Table 4-140 (Cont.) psParam

Parameter	Type	Description	Required
pdTaskDateFrom	Date	Date From - task that has been created for the cabin/location	Yes
pdTaskDateTo	Date	Date To - task that has been created for the cabin/location	Yes
psPort	Array of String	Port ID (SCD.SCD_ID) - for Housekeeping Tasks only	Yes
psCabin	Array of String	Unique Cabin IDs (CAB.CAB_ID)	Yes
psTaskStatus	Array of String	0 – Pending, 1 – Started, 2 - Completed	Yes
psCabinHKStatus	Array of String	Cabin Housekeeping Status (OD, OC, VD, VC)	Yes
psCabinAvlStatus	Array of String	Cabin Availability (OO, OV, BL, AV)	Yes
psHKSection	Array of String	Housekeeping section codes	Yes
psCrewID	Array of String	Crew Account IDs (RES.RES_ACC)	Yes
psTaskID	Array of String	Task IDs (CTK.CTK_ID)	Yes
psDeck	Array of String	Cabin Deck (TYP_DEK.TYP_ART)	Yes
psCabinCategory	Array of String	Cabin Category (TYP_CAT.TYP_ART)	Yes
psCabinType	Array of String	'P' for Pax, 'C' for Crew	Yes
psCabinVerticalZone	Array of String	Cabin Vertical Zone (TYP_VTZ.TYP_ART)	Yes
psLinenChange	String	1 – Task requires linen change 0 – Task does not require linen change If nothing is passed in, then it will skip this criteria	
pnAMESRTstatus	Integer	0 – Not Delivered 1 – Delivered 2 – Both Delivered and Not Delivered 3 – Do not return any Amenities or Special Requests	Yes
pnAMESRTportID	Integer	Embarkation Port ID (SCD.SCD_ID) - for Amenities and Special Requests only. This is only for expected guests embarking on this port only.	Yes
pdAMESRTembarkdate	Date	Embarkation Date – for Amenities and Special Requests Only. This is only for expected guests embarking on this date only.	Yes
psAMESRTdepts	Array of String	Amenity/Special Requests Delivery Department	Yes
pdAMESRTdeliverydate	Date	Amenity/Special Requests Delivery Date.	Yes
pdChangeModDate	Date	Last Changed Date from the last refresh from iCrew	Yes

Table 4-140 (Cont.) psParam

Parameter	Type	Description	Required
pbSortByCabinsOnly	Boolean	TRUE – CABINS and TASKS output table to be sorted by cabin number FALSE – CABINS and TASKS output table to be sorted by port arrival time and cabin number	Yes
pbShowAllInCompleteTasks	Boolean	TRUE - show all incomplete tasks regardless of created date FALSE - show incomplete tasks within date range based on par pdTaskDateFrom and pdTaskDateTo	Yes
pbShowAllCompletedTasksToday	Boolean	TRUE - show all completed tasks today FALSE - show all completed tasks within date range based on par pdTaskDateFrom and pdTaskDateTo	Yes
pbUseOldSorting	Boolean	TRUE - use the current method of sorting in .846 (ignores par pbShowAllInCompleteTasks and pbShowAllCompletedTasksToday). This is for backward compatibility FALSE - use the new method of sorting (uses par pbShowAllInCompleteTasks and pbShowAllCompletedTasksToday, ignores psTaskStatus)	Yes

Return Values

CResponseXml.bSuccess = False when SearchHousekeeping has failed

CResponseXml.bSuccess = True when SearchHousekeeping is successful, CResponse.oDataset will have 11 Data Tables for cabins/locations

Table 4-141 ADO.NET Data Table field structure for data table (“SERVERDATETIME”), current server date/time.

Code	Type	Description
CURRENTDATETIME	Date	Server Date Time

Table 4-142 ADO.NET Data Table field structure for data table (“STATS”), Overall Housekeeping Task Statistics and pending amenities/special requests for Cabins based on parameters passed in.

Code	Type	Description
HK_PENDING_COUNT	Integer	Number of pending housekeeping tasks
HK_STARTED_COUNT	Integer	Number of housekeeping tasks that have started
HK_COMPLETED_COUNT	Integer	Number of completed housekeeping tasks

Table 4-142 (Cont.) ADO.NET Data Table field structure for data table (“STATS”), Overall Housekeeping Task Statistics and pending amenities/special requests for Cabins based on parameters passed in.

Code	Type	Description
AME_PENDING_COUNT	Integer	Number of amenities count based on pnAMESRTstatus passed in
SRT_PENDING_COUNT	Integer	Number of special requests count based on pnAMESRTstatus passed in

Table 4-143 ADO.NET Data Table field structure for data table (“CABINS”) - Cabin Details. It returns a list of cabins with or without housekeeping tasks AND pending amenities/special requests, sorted by SCD_ARRIVE_TIME, CAB

Code	Type	Description
CAB	String	Unique Cabin ID/Location ID
SCD_ARRIVE_TIME	Date	Port Arrival Time (linked to HAS_PORT_ID)
CAB_NAME	String	Cabin/Location Name
CAB_DESIGN	String	'P' for Pax, 'C' for Crew. Does not apply to location
CAB_STATE	String	Cabin Availability Status (OO=Out of Order, OS=Out of Service, BL=Blocked, AV=Available). Does not apply to location
CAB_BEDS	Number	No of beds/berths in the cabin
CAB_BEDS_SETUP	String	Beds setup for each cabin. Format saved A,B,C,D,E or 1,2,3,4,5
CAB_TEL	String	Cabin Telephone Number
CAB_TEL2	String	Cabin Telephone Number 2
CAB_BEG_BLOCK_D	Date	The cabin is pending repairs, this field stores the date for when this cabin is blocked from.This is the 'Block From' field in FC Admin Cabin setup.
CAB_REPAIR_D	Date	The cabin is pending repairs, this field stores the date for when this cabin is blocked until.This is the 'Block Until' field in FC Admin Cabin setup.
CAB_REPAIR_T	String	The cabin is pending repairs, this field stores the unavailability reason when CAB_STATE=OO or OS or BL. This is the 'Unavailability Reason' field in FC Admin Cabin setup.
CAB_LIFEBOAT	String	Lifeboat this cabin is assigned to. TYP_BOT.TYP_ART
CAB_LIFEBOAT_NAME	String	Lifeboat this cabin is assigned to. TYP_BOT.TYP_COMMENT
CAB_STATION	String	Muster Station this cabin is assigned to. Linked to MST.MST_ID
CAB_STATION_NAME	String	Muster Station this cabin is assigned to. Linked to MST.MST_NAME
CAB_LOCATION	Integer	Null-Undefined,1-Forward,2-Mid Ship,3-Aft

Table 4-143 (Cont.) ADO.NET Data Table field structure for data table (“CABINS”) - Cabin Details. It returns a list of cabins with or without housekeeping tasks AND pending amenities/special requests, sorted by SCD_ARRIVE_TIME, CAB

Code	Type	Description
CAB_STARBOARD	Integer	0-Portside,1-Starboard
CAB_CAT	String	Cabin Type. Linked to TYP_CAT.TYP_ART. Does not apply to location
CAB_CAT_NAME	String	Cabin Type Description. Linked to TYP_CAT.TYP_COMMENT. Does not apply to location
CAB_DECK	String	Cabin Deck. Linked to TYP_DEK.TYP_ART. Does not apply to location
CAB_DECK_NAME	String	Cabin Deck Description. Linked to TYP_DEK.TYP_COMMENT. Does not apply to location
CAB_HKSTATUS	String	Cabin Housekeeping status (OD, VD, OC, VC). Linked to TYP_CCS.TYP_ART. Does not apply to location
CAB_HKSTATUS_NAME	String	Cabin Housekeeping status description. Linked to TYP_CCS.TYP_COMMENT. Does not apply to location
CAB_VZONE	String	Cabin vertical zone. Linked to TYP_VTZ.TYP_ART. Does not apply to location
CAB_VZONE_NAME	String	Cabin vertical zone description. Linked to TYP_VTZ.TYP_COMMENT. Does not apply to location
HKSECTION_ID	Integer	Housekeeping Section ID (HSC_ID)
HKSECTION_NAME	String	Housekeeping Section Name (HSC_NAME)

Table 4-144 ADO.NET Data Table field structure for data table (“CRASH_CABINS”) - Crash Cabins

Code	Type	Description
CAB	String	Cabin
PORTNAME	String	Port Name
PORTID	Integer	Port ID (SCD_ID)
PORTDATE	Date	Port Date (SCD_DATE)

Table 4-145 ADO.NET Data Table field structure for data table (“TASKS”) sort by SCD_ARRIVAL_TIME field - Cabin Task Assignments.

Code	Type	Description
CTK_ID	Integer	Task ID (CTK.CTK_ID)
CTK_NAME	String	Task Name (CTK.CTK_NAME)
CTK_DESCRIPTIONS	String	Task Description

Table 4-145 (Cont.) ADO.NET Data Table field structure for data table (“TASKS”) sort by SCD_ARRIVAL_TIME field - Cabin Task Assignments.

Code	Type	Description
CTK_DURATION	Integer	Duration of Task
CTK_LINENRULE	Integer	1 – requires linen change, 0 – does not require linen change
HAS_ID	Integer	Unique Housekeeping Task ID
CAB	String	Unique Cabin/Location ID
HAS_STATUS	Integer	0 – Pending, 1 – Started, 2 - Completed
HAS_ASSIGNDATE	Date	Task Created date
HAS_COMMENT	String	Task Comments
HAS_PORT_ID	Integer	Port ID. Linked to SCD.SCD_ID
SCD_PORT_ID	Integer	Port Name
HAS_MODDATE	Date	Last modified date for the task
HAS_COMPLETEDDATE	Date	Task Completed Date
CRW_ID	Integer	Unique Crew ID
CRW_NAME	String	Crew that has been assigned the task to
SCD_ARRIVE_TIME	Date	Port Arrival Time

Table 4-146 ADO.NET Data Table field structure for table “STATS_CABINS”, Housekeeping Task Statistics per Cabin based on parameters passed in.

Code	Type	Description
CAB	String	Unique Cabin ID/Location
HK_PENDING_COUNT	Integer	Number of pending tasks per cabin/location
HK_STARTED_COUNT	Integer	Number of tasks that have started per cabin/location
HK_COMPLETED_COUNT	Integer	Number of completed tasks per cabin/location

Table 4-147 ADO.NET Data Table field structure for table “STATS_AME”, Pending Amenities per Cabin.

Code	Type	Description
CAB	String	Unique Cabin ID/Location
AME_PENDING_COUNT	Integer	Number of pending amenities per cabin/location

Table 4-148 ADO.NET Data Table field structure for table “STATS_SRT”, Pending Special Requests per Cabin.

Code	Type	Description
CAB	String	Unique Cabin ID/Location

Table 4-148 (Cont.) ADO.NET Data Table field structure for table “STATS_SRT”, Pending Special Requests per Cabin.

Code	Type	Description
SRT_PENDING_COUNT	Integer	Number of pending special requests per cabin/location

Table 4-149 ADO.NET Data Table field structure for table “EMB_PORTS”, Reservation Embark/Disembark Ports per Cabin

Code	Type	Description
CAB	String	Unique Cabin ID/Location
EMBARKPORT	String	Embarkation port for the checked-in guest for this cabin
DEBARKPORT	String	Disembarkation port for the checked-in guest for this cabin

Table 4-150 ADO.NET Data Table field structure for table “RUSH_CABINS”, Rush Cabins

Code	Type	Description
CAB	String	Unique Cabin ID/Location
EMBARKPORT	String	Embarkation port for the reservation that is embarking on pdTaskDate
DEBARKPORT	String	Disembarkation port for the reservation that is disembarking on pdTaskDate
EMBARKSTATUS	String	Embarkation status for the reservation that is embarking on pdTaskDate
EMBARK_ARRIVEDATE	Date	Date and Time of the reservation that is embarking on pdTaskDate

Table 4-151 ADO.NET Data Table field structure for table “COUT_CABINS”, Cabins with check-out tasks

Code	Type	Description
CAB	String	Unique Cabin ID/Location
HAS_PORT_ID	Integer	Port ID where the cabin has check-out tasks
PORTNAME	String	Port name where the cabin has check-out tasks
SCD_DATE	Date	Port Arrival Date

Example

```
oResponse = goWS.FidelioSPMSWSXML("SearchHouseKeeping", "Session ID", New
Object() {True, DateTime.SpecifyKind(DEFAULT_DATE,
DateTimeKind.Unspecified), Nothing, Nothing, Nothing, Nothing, Nothing,
Nothing, Nothing, Nothing, Nothing, Nothing, Nothing, 1, 0,
```

```
12345, DateTime.SpecifyKind(DEFAULT_DATE, DateTimeKind.Unspecified), Nothing,
DateTime.SpecifyKind(DEFAULT_DATE, DateTimeKind.Unspecified),
DateTime.SpecifyKind(DEFAULT_DATE, DateTimeKind.Unspecified))
```

SearchPassenger

This function searches for a guest using various criteria available in the SPMS system.

Input Parameters

psFunction= "SearchPassenger", below is the list of psParam or poParam.

Table 4-152 psParam

Parameter	Type	Description	Required
psFirstName	String	First Name	Optional
psLastName	String	Embarkation Date	Optional
psPassportNum	String	Guest Type Enumerator	Optional
pdBirthDate	Date	Guest Birth date	Yes

Below are the description of the parameters.

psFirstName

Guest First Name, this field is optional, can pass in an empty string.

psLastName

Guest Last Name, this field is optional, can pass in an empty string.

psPassportNum

Guest Passport Number, this field is optional, can pass in an empty string.

Note: For psFirstName, psLastName and psPassportNum, *must* supply at least one information.

pdBirthdate

Guest Birth date

Return Values

CResponseXml.bSuccess = False when input values are invalid or no record found.

CResponseXml.bSuccess = True and CResponseXML.CPassenger when input values are valid.

Table 4-153 CPassenger field structure

Code	Type	Description
gnID	Integer	Unique Guest Id, this id is used to perform in other search

Table 4-153 (Cont.) CPassenger field structure

Code	Type	Description
gsFirstName	String	First Name
gsLastName	String	Last Name
gsMiddleName	String	Middle Name
gsTitle	String	Title
gsSalutation	String	Salutation
gdEmbDate	Date	Embarkation Date
gdDisDate	Date	Disembarkation Date
gsCabin	String	Cabin Number
gsCabCategory	String	Cabin Category
gsFreqCruiseNumber	String	Frequent Cruise Number
gsFreqCruiseStatus	String	Frequent Cruise Status
gsDeck	String	Cabin Deck
gsMusterStation	String	Muster Station Name
gsAward	String	Award Level
gsLoyaltyCode	String	Loyalty Discount Code
gsLoyaltyDesc	String	Loyalty Discount Description
gsAccTag	String	Account TAG,P – Pax, C - Crew
gsLanguage1	String	Language 1
gsLanguage2	String	Language 2
gsLanguage3	String	Language 3
gnGrdID	Integer	Group ID
gsGrdName	String	Group Name
gsBookingNo	String	Reservation Booking No
gsDiscount	String	Current not in use

Example

```
oResponse = goWS.FidelioSPMSWSXML("SearchPassenger", "SESSIONID", New
Object() {<FIRST NAME>, <Last Name>, <Passport Number>, #1/1/1970#})
```

SearchPassengerByID

This function searches for a guest with unique Guest ID from SPMS system.

Input Parameters

psFunction= "SearchPassengerByID", below is the list of psParam or poParam.

Table 4-154 psParam

Parameter	Type	Description	Required
pnAccID	Integer	SPMS Unique Guest Id	Yes

Below are the description of the parameters.

pnAccID

Unique Guest Id.

Return Values

CResponseXml.bSuccess = False when input values are invalid or no record found.

CResponseXml.bSuccess = True and CResponseXML.CPassenger when input values are valid.

Table 4-155 CPassenger field structure

Parameter	Type	Description
gnID	Integer	Unique Guest Id, this ID is used to perform in other search
gsFirstName	String	First Name
gsLastName	String	Last Name
gsMiddleName	String	Middle Name
gsTitle	String	Title
gsSalutation	String	Salutation
gdEmbDate	Date	Embarkation Date
gdDisDate	Date	Disembarkation Date
gsCabin	String	Cabin Number
gsCabCategory	String	Cabin Category
gsFreqCruiseNumber	String	Frequent Cruise Number
gsFreqCruiseStatus	String	Frequent Cruise Status
gsDeck	String	Cabin Deck
gsMusterStation	String	Muster Station Name
gsAward	String	Award Level
gsLoyaltyCode	String	Loyalty Discount Code
gsLoyaltyDesc	String	Loyalty Discount Description
gsAccTag	String	Account TAG,P – Pax, C - Crew
gsLanguage1	String	Language 1
gsLanguage2	String	Language 2
gsLanguage3	String	Language 3
gnGrdID	Integer	Group ID
gsGrdName	String	Group Name
gsBookingNo	String	Reservation Booking No

Table 4-155 (Cont.) CPassenger field structure

Parameter	Type	Description
gsDiscount	String	Current not in use

SearchPayrolls

This function returns payroll data based on various search criteria from the SPMS system.

Input Parameters

psFunction="SearchPayrolls", below is the ordered list of input parameters and its descriptions.

Table 4-156 psParam

Parameter	Type	Description	Required
MemoryLifeSpan	Integer	Optional in seconds, default as zero. If set to non-zero, result set will be kept in memory for reuse when a subsequent call is issued within the specified time interval with MemoryReuse = TRUE.	Optional
MemoryReuse	Boolean	Optional, default as FALSE. When set to TRUE, the search will not query DB but instead just return records from the previous result set.	Optional
RecordPerPage	Integer	Optional, default as zero. Specify the number of CTR records for which their payroll data will be returned. If zero, will return all CTR records in the result set.	Optional
PageNum	Integer	Optional, default as zero for page 1. Specify the page to return in a multi-page result set.	Optional
CTR_IDs	String	Optional. Comma delimited CTR_ID.	Optional
SPP_STATUSES	String	Optional. Comma delimited SPP_STATUS. *	Optional
SSH_STATUSES	String	Optional. Comma delimited SSH_STATUS. *	Optional

Return Values

CResponseXml.bSuccess = False when WS function did not execute successfully. For example, due to invalid input parameters.

CResponseXml.bSuccess = True when WS function executed successfully, along with

CResponseXML.oDataSet = Nothing, when no record is found. Otherwise,

CResponseXML.oDataSet = *ADO.NET dataset*, which will contain table SSH, PAY, SPP, SED, BEN and USR. *

CResponseXML.nTotalPage = total number of pages in the resultset, when input parameter *RecordPerPage* is specified.

Remark:

See SPMS Data Dictionary for details of the fields.

Example

```
oResponse = goWS.FidelioSPMSWSXML("SearchPayrolls", "SessionID", New Object()
{60, True, 10, 1, 46598,46599,46600, "O,A,C,F", "A,P"})
```

SearchSpecialRequest

This function is an advanced search for special request.

Input Parameters

psFunction= "SearchSpecialRequest", below is the list of poParam

Please take note some parameter is optional. However, the more parameters passed in, the least records it will return.

For Date field pass in 30-Dec-1899 if not require

For Array field, pass in an empty array or "Nothing" to skip this checking.

For JSON, the array of string will be a string separated by ",", each string must be start and end with a double quotation mark ("").

For example,

"A","B" = 2 Element

Element 1 = A,

Element 2 = B,

Table 4-157 psParam

Parameter	Type	Description	Required
peReservationType	Integer	Reserve and CheckIn 1 – Reserve 2 - CheckIn 3 - CheckOut	
pdExpDeliveryDateFrom	Date	Special Request Delivery Date (SRT_DDATE) If nothing is passed in, then it will skip this criteria.	
pdExpDeliveryDateTo	Date	Special Request Delivery Date (SRT_DDATE)If nothing is passed in, then it will skip this criteria.	
pdDeliveredDateFrom	Date	Special Request Delivery Date (SRT_DONE_DATE)If nothing is passed in, then it will skip this criteria.	

Table 4-157 (Cont.) psParam

Parameter	Type	Description	Required
pdDeliveredDateTo	Date	Special Request Delivery Date (SRT_DONE_DATE)If nothing is passed in, then it will skip this criteria.	
psGuestLastName	String	Guest Last Name (UXP_A_NAME)If nothing is passed in, then it will skip this criteria.	
psCode	Array of String	Special Request Code (TYP_SRT.TYP_ART)If nothing is passed in, then it will skip this criteria.	
psExtCode	Array of String	Special Request Identifier Code.	
psGroupID	Array of String	Travel Group ID (UXP_A_ID)If nothing is passed in, then it will skip this criteria	
psCabinCategory	Array of String	Cabin Category (TYP_CAT.TYP_ART)If nothing is passed in, then it will skip this criteria	
psDeliveryLocation	Array of String	Delivery Location (SRT_LOCATION)If nothing is passed in, then it will skip this criteria	
psDeck	Array of String	Cabin Deck (TYP_DEK.TYP_ART)If nothing is passed in, then it will skip this criteria	
psDeliveryBy	Array of String	Special Request Delivery By. Linked to USR.USR_ID.If nothing is passed in, then it will skip this criteria	
psCabin	Array of String	Unique Cabin IDs (CAB.CAB_ID)If nothing is passed in, then it will skip this criteria	
psDepartment	Array of String	Amenity Delivery Division (SRT_ODI_ID)If nothing is passed in, then it will skip this criteria	
psHKSection	Array of String	Housekeeping Section Name (HSC_NAME)If nothing is passed in, then it will skip this criteria	

Return Values

CRresponseXml.bSuccess = False when SearchSpecialRequest has failed

CRresponseXml.bSuccess = True when SearchSpecialRequest is successful,
CRresponse.oDataset will have 1 Data Table.

Table 4-158 ADO.NET Data Table field structure for data table

Code	Type	Description
SRT_ID	Integer	Special Request ID (Unique ID)
SRTCODE	String	Special Request Code. Linked to TYP_SRT.TYP_ART.

Table 4-158 (Cont.) ADO.NET Data Table field structure for data table

Code	Type	Description
SRTNAME	String	Port Name. Linked to TYP_SRT.TYP_COMMENT.
SRT_EXT_CODE	String	Special Request Identifier Code.
ACCID	String	Account ID
Name	String	Guest Name
RESSTATUS	String	Reservation Status
VIPCODE	String	VIP ID. Linked to TYP_VIP.TYP_ART.
VIPNAME	String	VIP Name. Linked to TYP_VIP.TYP_COMMENT.
PORTID	String	Embarkation Port ID
PORTNAME	Integer	Embarkation Port Name. Linked to TYP_HRB.TYP_COMMENT.
GROUPID	String	Travel Group Reference ID
GROUPNAME	String	Travel Group Name
CABINID	String	Unique Cabin ID
HSC_NAME	String	Housekeeping Section Code
HSC_COMMENT	String	Housekeeping Section Name
SRT_LOCATION	String	Delivery Location.
SRT_ODI_ID	String	Amenity Delivery Division ID. Linked to TYP_ODI.TYP_ART.
TYP_COMMENT	String	Amenity Delivery Division Name. Linked to TYP_ODI.TYP_COMMENT.
CAB_VZONE	String	Cabin vertical zone. Linked to TYP_VTZ.TYP_ART.
CAB_VZONE_NAME	String	Cabin vertical zone description. Linked to TYP_VTZ.TYP_COMMENT.
CAB_TYPE	String	Cabin Type ID. Linked to TYP_CAT.TYP_ART.
TYP_COMMENT1	string	Cabin Type Name. Linked to TYP_CAT.TYP_COMMENT.
CAB_DECK	String	Cabin Deck ID. Linked to TYP_DEK.TYP_ART.
TYP_COMMENT2	String	Cabin Deck Name. Linked to TYP_DEK.TYP_COMMENT.
SRT_DDATE	Date	Special Request Delivery Date
SRT_DONE_DATE	Date	Special Request Service Done Date
SRT_DONE_BY	Integer	Special Request done by the waiter. Linked to USR.USR_ID.
USR_LOGIN	String	User Login Name.
CAB_KEEPER	Integer	Housekeeper ID. Linked to RES.RES_ACC.
CAB_KEEPER_NAME	String	Housekeeper Name.
CAB_A_KEEPER	Integer	Assistant Housekeeper ID. Linked to RES.RES_ACC.

Table 4-158 (Cont.) ADO.NET Data Table field structure for data table

Code	Type	Description
CAB_A_KEEPER_NAME	String	Assistant Housekeeper Name.
CAB_G_WAITER	Integer	Waiter ID. Linked to RES.RES_ACC.
CAB_G_WAITER_NAME	String	Waiter Name
CAB_A_WAITER	Integer	Assistant Waiter. Linked to RES.RES_ACC.
CAB_A_WAITER_NAME	String	Assistant Waiter Name
SRT_CREATED_BY	Number	The user that created this special request.
SRT_DATE_CREATED	Date	Special request actual creation date
SRT_DESCR	String	Special Request Description
SRT_EVENTDATE	Date	Event Date & Time
SRT_EXT_ID	Number	Interface System Special Request ID
SRT_MODDATE	Date	Last Modification Date
SRT_QUANTITY	Number	Special Request Quantity
SRT_RESID	Integer	Guest Account ID. Linked to RES.RES_ID
SRT_VID	String	Unique ID (for import duplicate functionality)

Example

```
oResponse = goWS.FidelioSPMSWSXML("SearchSpecialRequest", New Object()
{<ReservationType>, <ExpDeliveryDateFrom>, <ExpDeliveryDateTo>, <DeliveryDate
From>, <DeliveryDateTo>, <LastName>, <SRTCode>, <ExternalCode>, <GroupID>, <Cabi
nCategory>, <DeliveryLocation>, <Deck>, <DeliveryBy>, <Department>, <HKSection>
})
```

SearchWorkOrder

This function gets the maintenance work order from SPMS.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "SearchWorkOrder", below is the list of psParam or poParam.

Please take note all the parameter is optional except pdFromDate and pdToDate, the more parameters you pass in the least record it will return.

For Array field, pass in an empty array or "Nothing" to skip this checking.

For Date field pass in 30-Dec-1899 if not require

For JSON, the array of string will be a string separated by ",", each string must start and end with a double quotation mark (").

For example,

"A","B" = 2 Element

Element 1 = A,"

Element 2 = B,

Table 4-159 psParam

Parameter	Type	Description	Required
pdFromDate	Date	From date & time	Yes
pdToDate	Date	To date & time	Yes
pdCompleteFromDate	Date	Completion date & time from	Yes
pdCompleteToDate	Date	Completion date & time to	Yes
psWorkOrderTyp	Array of String	Work Order Type	Yes
psCabin	Array of String	Cabin Location	Yes
psPublicLocation	Array of String	Public Location	Yes
psLocation	Array of String	Custom Location	Yes
psTask	Array of String	Work Order Task	Yes
psWorkGroup	Array of String	Work Order Assign Worker Group	Yes
pnUsrCreate	Array of String	User ID which created the Work Order Although the data type is numeric, you must pass in as Array of String due to .NET limitation	Yes
pnUsrAssign	Array of String	Work Order Assign to the Crew Although the data type is numeric, you must pass in as Array of String due to .NET limitation	Yes
psPriority	Array of String	Priority	Yes
pnMwrID	Array of String	Work Order Unique ID Although the data type is numeric, you must pass in as Array of String due to .NET limitation	Yes
psMwrNo	Array of String	Work Order Number	Yes
pnCompleteStatus	Array of String	Completion Status, Range 0,25,50,75,100 Although the data type is numeric, you must pass in as Array of String due to .NET limitation	Yes
pbIncludePicture	Boolean	True = Will return the work order picture False = Will return nothing, this is for slow device, so it will need to look up the picture using WSF using the value WSF_XDOC_ID, default = True	Optional
pbSortModDateAsc	Boolean	True it will sort the records by last modify date ASC False it will sort the records by last modify date DESC Default = True	Optional

Return Values

CResponseXml.bSuccess = False when SearchWorkOrder has failed

CResponseXml.bSuccess = True when SearchWorkOrder is successful,
CResponse.oDataset will have 4 Data Tables.

Table 4-160 ADO.NET Data Table field structure for first data table, Work Order

Code	Type	Description
MWR_CSTATUS	Integer	Completion Status Percentage 0,25,50,75 or 100
MWR_DATE	Date	Date Time the order created
MWR_LOCATION	String	Custom Location of the maintenance
MWR_LOCATIONCABIN	String	Cabin Number
MWR_LOCATIONPUBLIC	String	Public Location
PRIORITY	String	Priority Description
MWR_TASK	String	Task Code
TSK_COMMENT	String	Task Name
MWR_TASKDESCR	String	Task Description
USR_LOGIN	String	User Login Name
MWR_TYPE	String	Work Order Type
WOT_NAME	String	Word Order Type Description
MWR_ID	Integer	Unique Work Order ID
MWR_WONUMBER	String	Work Order Number
ARE_CATEGORY	String	Custom Location Category
CAT_NAME	String	Custom Location Category Name
STATUS	String	Useable Status
XDOC_FILE	Byte Array	Picture of the work order
MWR_TIME_NEEDED	Double	Time Needed in Days
MWR_PICTUREFILE	String	File Name of the picture
MWR_COMMENT	String	Comment
MWR_CAB_ID	String	Report By Cabin Number
ARE_NAME	String	Custom Location Name
PUBLIC_NAME	String	Public Location Name
MWR_COMPLETEDATE	Date	Completion Date
MWR_PRINTED	Integer	Indicated how many time it printed
MWR_REJECTED	Boolean	True – Rejected
MWR_XDOC_ID	Long	The work order picture id = xdoc_id

Table 4-161 ADO.NET Data Table field structure for second data table, Work Order Assignment

Code	Type	Description
MWA_ID	Integer	Unique Work Order Assignment ID
MWA_MWRID	Integer	Work Order ID

Table 4-161 (Cont.) ADO.NET Data Table field structure for second data table, Work Order Assignment

Code	Type	Description
MWA_ASSIGNEDTOGROUP	String	Assign Group Code
MWA_ASSIGNEDTOWORKER	Integer	Unique Crew ID
MWA_ASSIGNEDWHEN	Date	Date and Time of assignment
MWA_REMARKS	String	Remarks
CRW_NAME	String	Crew Name
MWR_GROUP	String	Group Description
USR_LOGIN	String	User Login Name

Table 4-162 ADO.NET Data Table field structure for the third data table, Work Order Assignment

Code	Type	Description
MWI_ID	Integer	Unique Work Order Item ID
MWI_MWRID	Integer	Work Order ID
MWI_ITEMCODE	String	Item Code
MWI_QUANTITY	Integer	Quantity Needed
MWI_PRICE	Double	Price of the item
MWI_REMARKS	String	Remarks
MIT_DESC	String	Item Description
MIT_GROUP	String	Item Group
MIT_STOCK	Integer	Quantity On Hand
TYP_COMMENT	String	Item Group Description

Table 4-163 ADO.NET Data Table field structure for fourth data table, Work Order Additional Image

Code	Type	Description
MWP_ID	Integer	Unique Work Order Image ID
MWP_MWRID	Integer	Work Order ID
MWP_COMMENT	String	User Comment
MWP_FILENAME	String	Original Picture Filename, Info purpose
MWP_IMAGE	Byte Array	Additional Picture of the work order

Example

```
oResponse = goWS.FidelioSPMSWSXML("SearchWorkOrder", "", New Object()
{DateTime.SpecifyKind(#1/1/2000#, DateTimeKind.Unspecified), _
DateTime.SpecifyKind(#1/1/2012#, DateTimeKind.Unspecified), _
```



```

DateTime.SpecifyKind(DEFAULT_DATE, DateTimeKind.Unspecified), _
DateTime.SpecifyKind(DEFAULT_DATE, DateTimeKind.Unspecified), _ Nothing,
New String() {"05002", "00000"}, Nothing, Nothing, _ Nothing, New String()
{"1"}, Nothing, Nothing, Nothing, _ Nothing, Nothing, Nothing, False,
False))

```

SpaBooking

This function creates a single or Packaged Treatment Spa booking in SPMS.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "SpaBooking", below is the list of psParam or poParam.

Table 4-164 psParam

Parameter	Type	Description	Required
pnAccID	Integer	Unique Guest Id	Yes
pnLocation	Integer	Location ID	Yes
pnItem	Integer	Treatment Item ID	Yes
pdDate	Date	Treatment Date and Time	Yes
psNotes	String(255)	Notes (Default Empty)	Optional
psPin	String(4)	Pin Code (Default Empty)	Optional
psSource	String(10)	Booking Source (Default Empty)	Optional
pbForceBooking	Boolean	True = Allow posting even the guest does not have credit limit or posting is disabled, False = Normal posting	Yes
pbIsUnassignedBooking	Boolean	True = Allow booking without Treatment Date and Time in order to be manually confirmed onboard, False = Regular Booking with Treatment Date and Time	Yes
pnPackageID	Integer	Package ID	Optional
pnPackageControlNo	Integer	Unique ID Grouping Package Treatments and Retail Items	Optional

pnAccID

Unique Guest Id, return from SearchPassenger.

pnLocation

The field identifies the unique location ID. The field is an internal, unique code. This value is retrieved from SPALocation message type. For Package Treatments, the value is 0, because originally packages can contain treatments from multiple/different locations. In this case, the function will automatically find the appropriate location schedule for the requested date and time.

pnItem

The field identifies the unique treatment item identification. The field is an internal, unique code. This field is retrieved from SPATreatmentItem.

pdDate

The field identifies the date and time which the treatment takes place. This field is retrieved from SPATreatmentAvailability. If pbIsUnassignedBooking is True, then pdDate must be empty.

psNotes

The field identifies the additional information send by third-party.

psPin

The field identifies the telephone PIN code of the reservation account. The valid character is 0,1,2,3,4,5,6,7,8,9. Leading zero support depends on SPMS Parameter setting.

psSource

The field identifies the source of the booking. For example, Workstation Id, Kiosk Id, etc. or any other details describing the location where the booking was made.

pbForceBooking

True = Allow posting even the guest do not have a credit limit or posting is disabled. This is applicable to check-in guest only.

False = Normal posting

pbIsUnassignedBooking

True = Allow booking without Treatment Date and Time in order to be manually confirmed onboard,

False = Regular Booking with Treatment Date and Time

pnPackageID

The field identifies the unique Package ID. The field is an internal, unique code. This value is retrieved from GetSPAPackages WebMethod.

pnPackageControlNo

The field identifies the grouping of Treatments and Retail Items that belong to the same Package and are sold together in one transaction. When booking the first Package Treatment, this field must always be "0", in order to return the new Package ControlNo value upon booking of the first package treatment with return value CResponse.oObj(1). For the rest of treatment bookings, this value must contain the same Package ControlNo as returned after the 1st Package Treatment Booking.

Return Values

CResponseXml.bSuccess = True when Booking is successful,

CResponse.oObj(0) return the booking id (spa_id)

CResponse.oObj(1) return the Package ControlNo (spa_control)

CResponseXml.bSuccess = False when Booking has failed

Example

For Regular single Treatments

```
oResponse = goWS.FidelioSPMSWSXML("SpaBooking", "SESSIONID", New Object()
{12345, 37464, 1, 123, #1/1/2011 3:00 pm#, "", "", "", False, False})
```

For Unassigned single Treatment without Treatment Date & Time assignment

```
oResponse = goWS.FidelioSPMSWSXML("SpaBooking", "SESSIONID", New Object()
{12345, 37464, 1, 123, "", "", "", "", False, True})
```

For 1st Regular Package Treatment

```
oResponse = goWS.FidelioSPMSWSXML("SpaBooking", "SESSIONID", New Object()
{12345, 37464, 0, 123, #1/1/2011 3:00 pm#, "", "", "", False,False,4,0})
```

CResponse.oObj(0) return the booking id (spa_id) = 1342

CResponse.oObj(1) return the Package ControlNo (spa_control) = 1341

For rest of Regular Package Treatments

```
oResponse = goWS.FidelioSPMSWSXML("SpaBooking", "SESSIONID", New Object()
{12345, 37464, 0, 133, #1/1/2011 3:00 pm#, "", "", "",
False,False,4,1341})
```

For 1st Unassigned Package Treatment

```
oResponse = goWS.FidelioSPMSWSXML("SpaBooking", "SESSIONID", New Object()
{12345, 37464, 0, 123, "", "", "", "", False,True,4,0})
```

CResponse.oObj(0) return the booking id (spa_id) = 1342

CResponse.oObj(1) return the Package ControlNo (spa_control) = 1341

For rest of Unassigned Package Treatments

```
oResponse = goWS.FidelioSPMSWSXML("SpaBooking", "SESSIONID", New Object()
{12345, 37464, 0, 133, "", "", "", "", False,True,4,1341})
```

SpaBookingPackageRetail

This function creates a spa package retail booking in SPMS after all Package Treatments Bookings have been completed.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "SpaBookingPackageRetail", below is the list of psParam or poParam.

Table 4-165 psParam

Parameter	Type	Description	Required
pnAccID	Integer	Unique Guest Id	Yes
pnRetailItem	Integer	Retail Item ID	Yes
pnPackageID	Integer	Package ID	Yes
pnPackageControlNo	Integer	Unique ID Grouping Package Treatments and Retail Items	Yes
psNotes	String(255)	Notes (Default Empty)	Optional
psPin	String(4)	Pin Code (Default Empty)	Optional
psSource	String(10)	Booking Source (Default Empty)	Optional
pbForceBooking	Boolean	True = Allow posting even the guest does not have credit limit or posting is disabled, False = Normal posting	Yes

pnAccID

Unique Guest Id, return from SearchPassenger.

pnRetailItem

The field identifies the unique retail item identification. The field is an internal, unique code. This field is retrieve from GetSPAPackageItems or GetSPAPackageItems ForPeriod.

pnPackageID

The field identifies the unique Package ID. The field is an internal, unique code. This value is retrieved from GetSPAPackages WebMethod.

pnPackageControlNo

The field identifies the grouping of Treatments and Retail Items that belong to the same Package and are sold together in one transaction. Since all included Package Retail Items can only be booked after all Package Treatments have been booked, the Package Control No is already known because it has already been returned after the 1st Package Treatment Booking.

psNotes

The field identifies the additional information send by third-party.

psPin

The field identifies the telephone PIN code of the reservation account. The valid character is 0,1,2,3,4,5,6,7,8,9. Leading zero support depends on SPMS Parameter setting.

psSource

The field identifies the source of the booking. For example, Workstation Id, Kiosk Id, etc. or any other details describing the location where the booking was made.

pbForceBooking

True = Allow posting even the guest do not have credit limit or posting is disabled (This only apply to check-in guest only), False = Normal posting

Return Values

CResponseXml.bSuccess = True when Booking is successful,

CResponse.oObj(0) return the booking id (spa_id)

CResponseXml.bSuccess = False when Booking has failed

Example

For 1st Package Treatment

```
oResponse = goWS.FidelioSPMSWSXML("SPABookingPackageRetail", "SESSIONID",
New Object() {12345, 123, 4, 1341, "", "", "", False})
```

SpecialRequestCompleted

This function updates the special request status as “Completed”.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= “SpecialRequestCompleted”, below is the list of psParam or poParam.

Table 4-166 psParam

Parameter	Type	Description	Required
pnSrtID	Integer	Special Request Unique ID	Yes

Return Values

CResponseXml.bSuccess = False when Update failed.

CResponseXml.bSuccess = True when Update successful.

Example

```
oResponse = goWS.FidelioSPMSWSXML("SpecialRequestCompleted", "SessionID",
New Object() {12334})
```

UndoAmenityCompleted

This function updates the amenity status as “Not complete”.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= “UndoAmenityCompleted”, below is the list of psParam or poParam.

Table 4-167 psParam

Parameter	Type	Description	Required
pnAmeID	Integer	Amenity Unique ID	Yes

Return Values

CResponseXml.bSuccess = False when Update failed.

CResponseXml.bSuccess = True when Update successful.

Example

```
oResponse = goWS.FidelioSPMSWSXML("UndoAmenityCompleted", "SessionID", New
Object() {12334})
```

UndoSpecialRequestCompleted

This function updates the special status as “Not complete”.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= “UndoSpecialRequestCompleted”, below is the list of psParam or poParam.

Table 4-168 psParam

Parameter	Type	Description	Required
pnSrtID	Integer	Special Request Unique ID	Yes

Return Values

CResponseXml.bSuccess = False when Update failed.

CResponseXml.bSuccess = True when Update successful.

Example

```
oResponse = goWS.FidelioSPMSWSXML("UndoSpecialRequestCompleted", "SessionID",
New Object() {12334})
```

UpdateAmenity

This function adds or updates the guest amenity.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= “UpdateAmenity”, below is the list of psParam or poParam.

Table 4-169 psParam

Parameter	Type	Description	Required
pnAmeID	Integer	Unique Amenity ID(0 for add new record)	Yes
pnAcclID	Integer	Unique Account ID	Yes
psCode	String(6)	Amenity Code	Yes
psNote	String(2500)	Amenity Description	Yes
pnAmount	Double	Amenity Price each	Yes
pnQuantity	Integer	Amenity Quantity	Yes
psSender1	String(255)	Sender 1	Yes
psSender2	String(30)	Sender 2	Yes
psMessage	String(255)	Message for sender	Yes
pdDeliveryDate	Date	Expected Delivery Date and Time	Yes
psLocation	String(30)	Location	Yes
psOccurrence	String(10)	Occurrence	Yes
psExtCode	String(15)	External Code	Yes
pnCost	Double	Cost	Yes
psComments	String(2500)	Comments	Yes
psExtID	String(20)	External ID	Yes
psVID	String(100)	Unique External ID	Yes
psOdiID	String(6)	Delivery Division	Yes
psCurlID	String(6)	Currency Code	Yes
psFlag	String(1)	Flag	Yes

Return Values

CResponseXml.bSuccess = False when Update/Add failed.

CResponseXml.bSuccess = True when Update/Add successful, CResponseXML.oObj = ame_id (Unique Amenity ID)

Example

```
oResponse = goWS.FidelioSPMSWSXML("UpdateAmenity", "SessionID", New
Object() {12345,1234576,"Code","Note",1.23,1, "Sender1", "Sender2",
"Message", DateTime.SpecifyKind(#01-01-2013 3:00:00 pm#,
DateTimeKind.Unspecified), "Location", "Once", "ExtCode", 0.45,
"Comments", "ExtID", "", "GRP", "US", ""})
```

UpdateCabCleanStatus

This function updates the cabin clean status.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "UpdateCabCleanStatus", below is the list of psParam or poParam

Table 4-170 psParam

Parameter	Type	Description	Required
psCabID	String(20)	Cabin Number	Yes
psCabCleanStatus	String(2)	Available value is OD,OC,VD,VC,PU,FA,VF	Yes

Return Values

CResponseXml.bSuccess = False when Update failed.

CResponseXml.bSuccess = True when Update successful.

Example

```
oResponse = goWS.FidelioSPMSWSXML("UpdateCabCleanStatus", "SessionID", New
Object() {"05002", "OD"})
```

UpdateCabState

This function updates the cabin status, reason for cabin blocking and blocking period.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "UpdateCabState", below is the list of psParam or poParam.

Table 4-171 psParam

Parameter	Type	Description	Required
psCabId	String	Unique Cabin ID	Yes
psCabStat	String	Cabin Status (OO, OV, BL, AV)	Yes
psComment	String	Cabin Blocking Reason	
pdBlockFromDate	Date	Cabin Block From Date	
pdBlockToDate	Date	Cabin Block To Date	

Return Values

CResponseXml.bSuccess always return True, always show the CResponse.sErrMsg.

Example

```
oResponse = goWS.FidelioSPMSWSXML("UpdateCabState", "SessionID", New Object()
{12345, '00', <Comment>, <BlockFromDate>, <BlockToDate>})
```


UpdateComment

This function adds or updates the guest comment.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "UpdateComment", below is the list of psParam or poParam.

Table 4-172 psParam

Parameter	Type	Description	Required
peQuickAssignment	Integer	0-None,1-Same Cabin,2-Same Booking No,3-Same Group, this apply to new comment only, when adding a new comment. If the value is > 0 it will add the same comment to those related guest	Yes
pnCplID	Integer	Unique Comment ID (0 for add new)	Yes
pnCplLinkID	Integer	This is the comment link id, use to update the comment create with Quick Assignment only apply to parent comment	Yes
pnAccID	Integer	Unique Account ID	Yes
psComment	String(1500)	Comment Description	Yes
psCommentCategory	String(6)	Comment Category (TYP_CMC.TYP_ART)	Yes
pnCost	Decimal	Comment/Resolution Cost	Yes
psDepartmentInvolve	Array of String(6)	List of Department Involve Code (TYP_CDI.TYP_ART)	Yes
psDescCode	String(6)	Comment Description Code (TYP_CPL.TYP_ART) Resolution Description Code (TYP_RES.TYP_ART)	Yes
psDesc	String(1500)	Comment Description	Yes
psExternalCode	String(20)	External ID	Yes
psFileName	String(300)	This the original filename of the uploaded document. For picture, it uses the file extension to determine if the document is a doc or a picture, file extension .DOC, .DOCX and .PDF will be considered a document and the rest as picture file.	Yes
pbInternal	Boolean	Internal Flag	Yes
psInvolvePerson	String(50)	Person who resolved the issue or Person who reported the complaint	Yes
pbComment	Boolean	True = Comment, False = Resolution	Yes
pbSensitive	Boolean	Sensitive Flag	Yes

Table 4-172 (Cont.) psParam

Parameter	Type	Description	Required
pbUrgent	Boolean	Urgent Flag	Yes
pbyPicture	Array of Byte	This can be a document or a picture, max size 4,000,000	Yes
psReportType	String(6)	Report Type (TYP_CPI.TYP_ART)	Yes
pdRequestDate	Date	Requested resolution date	Yes
pbResolved	Boolean	This only applies to resolution	Yes
pdResolvedDate	Date	Resolved Date	Yes
pnVendorID	Integer	Vendor ID, we either send the Account ID or Vendor ID	Yes
psVid	String(100)	External Unique ID for use with import	Yes
pnXDocID	Long	Unique XDOC ID, the table where the picture is stored If the value pass in = 0 and picture pbyPicture is passed in, it will create a new record and delete the old record If the value pass in > 0 and picture pbyPicture is pass in, it will overwrite the existing record If the value pass in = 0 and pbyPicture is nothing then it will delete the existing record If the value pass in > 0 and pbyPicture is nothing then it will keep the existing record	Yes

Return Values

CResponseXml.bSuccess = False when Update/Add failed.

CResponseXml.bSuccess = True when Update/Add successful.

CResponseXML.oObj(0) = cpl_id, comment unique id

CResponseXML.oObj(1) = cpl_link_id, comment link id

Example**Add new comment**

```
oResponse = FidelioWS("UpdateComment", New Object() {0, 0, 0, 12345, "Comment", _
"CAT1", 0.00, New String() {"HSE"}, "MISB", "Missing Bag", "", "Bag.jpg", False,
"Person Name", True, False, Yes, File.ReadAllBytes("Bag.Jpg"), "FD",
DateTime.SpecifyKind(Now(), DateTimeKind.Unspecified), False,
DateTime.SpecifyKind(Now(), DateTimeKind.Unspecified), 0, "", 0})
```

Update existing comment

```
oResponse = FidelioWS("UpdateComment", New Object() {0, 456, 457, 12345,
"Comment", "CAT1", 0.00, New String() {"HSE"}, "MISB", "Missing Bag", "",
```

```
"Bag.jpg", False, "Person Name", True, False, Yes,
File.ReadAllBytes("Bag.Jpg"), "FD", DateTime.SpecifyKind(Now(),
DateTimeKind.Unspecified), False, DateTime.SpecifyKind(Now(),
DateTimeKind.Unspecified), 0, "", 0})
```

UpdateCompleteStatus

This function updates the maintenance work order completion status.

Note: Not supported when it is connected to an offline QCI Sync database

Input Parameters

psFunction= "UpdateCompleteStatus", below is the list of psParam or poParam.

Table 4-173 psParam

Parameter	Type	Description	Required
pnMwrID	Integer	Unique Work Order ID(0 for add new record)	Yes
pnStatus	Integer	Completion Status, must be 0, 25, 50, or 100	Yes
pdCompleteDate	Date	Completion Date, only use when pnStatus = 100	Yes

Return Values

CResponseXml.bSuccess = False when Update failed.

CResponseXml.bSuccess = True when Update successful.

Example

```
oResponse = goWS.FidelioSPMSWSXML("UpdateCompleteStatus", "SessionID", New
Object() {12345, 100, DateTime.SpecifyKind(#01-01-2013 3:00:00 pm#,
DateTimeKind.Unspecified)})
```

UpdateCreditCardInfo

This function to updates the guest credit card information.

To deactivate all credit card pass in, set psCardNumber and psCCTrack = Blank String

Input Parameters

psFunction= "UpdateCreditCardInfo", below is the list of psParam or poParam.

Table 4-174 psParam

Parameter	Type	Description	Required
pnAcclID	Integer	SPMS Internal Account Number	Yes
psCardNumber	String	Credit Card Number	Yes

Table 4-174 (Cont.) psParam

Parameter	Type	Description	Required
psCardExpMMYY	String	Card Expiry Date in MMY format	Yes
psCardName	String	Card Holder Name	Yes
psCardCtlNo	String	3 Digits CVV	Yes
psCCTrack	String	Credit Card Track data	Yes
pbySignature	Byte Array	Byte Array of the signature image, this only apply when PAR->General->Enable Signature Capture for Credit Card is enable	Yes
pbyEncTrack1	Byte Array	Papagena Encrypted Track 1	Optional
pbyEncTrack2	Byte Array	Papagena Encrypted Track 1	Optional
pbyEncTrack3	Byte Array	Papagena Encrypted Track 1	Optional
psDeviceSerial	String(32)	Papagena Device Serial Number	Optional
psKSN	String(32)	Papagena KSN Number	Optional
psToken	String(120)	Papagena Token	Optional
pbAssignInvoice1	Boolean	Assign the Credit Card to Invoice 1 (Default = True)	Optional
pbAssignInvoice2	Boolean	Assign the Credit Card to Invoice 2 (Default = True)	Optional
pbAssignInvoice3	Boolean	Assign the Credit Card to Invoice 3 (Default = True)	Optional
pbAssignInvoice4	Boolean	Assign the Credit Card to Invoice 4 (Default = True)	Optional
pnParcelado	Enum	0 – Unknown (Pass in this value, the system will check is the card entitle for Parcelado) 1 – No (Default) 2 - Yes	Optional
pnDCC	Enum	0 – Unknown (Pass in this value, the system will check is the card entitle for DCC) 1 – No (Default) 2 – Yes	Optional
pbAllowRegisterSameCard	Boolean	True = Allow to register credit which already register to other guest False = Allow to register credit which already register to other guest depend on PAR	Optional
psCardCurrency	String(3)	3 characters of ISO currency code	Optional

Below are the description of the parameters.

Note: For the first card, it always assigns to all invoice regardless of the pbAssignInvoice?

Value

If pnParcelado = "Unknow" and the card entitle for Parcelado, it will return an error. If the error ends with "?", This means you can ask for a user confirmation. The error message will be as per below, and you can check for the word Parcelado to determine this is the question for Parcelado else the question will be for pnDCC.

If the user answer yes, pass in pnPaceldo = 2, if the user answer no, pass in pnParcelado = 1

"This card is eligible for Parcelado Handling – would you like to enroll this card?"

If pnDCC = "Unknow" and the card entitle for DCC, it will return and error ending with "?". This means you can ask for a user confirmation. If the user answer = yes, pass in pnDCC = 2, If the user answer = no, pass in pnDCC = 1

pnAccID

You can get this value from the poUxpRes field `uxp_a_id`

psCardNumber

This is the credit card number, supply this field only when the credit card had been manually entered.

psCardExpMMYY

This is the credit card expiry date (MMYY), supply this field only when the credit card had been manually entered.

psCardName

This is the credit card holder name, supply this field only when the credit card had been manually entered.

psCardCtlNo

This is the CVV number printed on the back of the credit card. This field is optional.

psCCTrack

This is the credit card track data, supply this field only when the credit card had been swiped.

The field must include the track preamble and postamble.

For example,

```
%B4509190000858834^VISA  
<NAME>^2019010142780000000000182000000?;4xxxxxxxxxxxxxxxx=20190101427818200  
000?
```

pbySignature

Byte Array of the signature image, this only apply when PAR. 'General', 'Enable Signature Capture for Credit Card' is Enabled, you only pass in when the signature capture device is available.

Return Values

CResponseXml.bSuccess = True when update is successful

CResponseXml.bSuccess = False when update has failed

Example

```
oResponse = goWS.FidelioSPMSWSXML("UpdateCreditCardInfo", "SESSIONID", New
Object() { 1234, <CardNumber>, <ExpiryDate>, <CardName>, <Card CVV>, <Card All
Track>, <Signature Byte Array>})
```

UpdateCreditLimit

This function updates the guest credit limit. The credit limit also depends on the payment type. If the credit limit is greater than payment type credit limit, it will take the payment type credit limit.

Input Parameters

psFunction= "UpdateCreditLimit", below is the list of psParam or poParam

Table 4-175 psParam

Parameter	Type	Description	Required
peSearchType	Enum	0 = Internal ID 1 = PGID 2 = BoardCard 3 = Pax ID	Yes
psSearchStr	String	Unique Payer Account ID or Board Card or PGID or Pax ID depends on the peSearchType	Yes
psCreditLimit	Decimal	The credit limit, -1 for unlimited	Yes
pbDailyLimit	Boolean	This applies to the buyer only, this requires the PAR->General->Check Buyer Limit to be enabled. True – The amount is daily limit False – The amount is cruise limit	Yes

Return Values

CResponseXml.bSuccess = False when Update failed.

CResponseXml.bSuccess = True when Update successful.

Example

```
oResponse = goWS.FidelioSPMSWSXML("UpdateCreditLimit", "SessionID", New Object()
{0,12345,5000.00,False})
```

UpdateCrewPinCode

This function updates the crew pin code.

Input Parameters

psFunction= "UpdateCrewPinCode", below is the list of psParam or poParam.

Table 4-176 psParam

Parameter	Type	Description	Required
pnAcclID	Integer	Unique Crew Account ID	Yes
pnNewPinCode		New pin code	Yes

Return Values

CResponseXml.bSuccess = False when Update failed.

CResponseXml.bSuccess = True when Update successful.

Example

```
oResponse = goWS.FidelioSPMSWSXML("UpdateCrewPinCode", "SessionID", New
Object() {12345, 1234})
```

UpdateDayNeeded

This function updates the maintenance work order day needed to complete the task.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "UpdateDayNeeded", below is the list of psParam or poParam.

Table 4-177 psParam

Parameter	Type	Description	Required
pnMwrlID	Integer	Unique Work Order ID(0 for add new record)	Yes
pnDays	Double	Number of Days Needed	Yes

Return Values

CResponseXml.bSuccess = False when Update failed.

CResponseXml.bSuccess = True when Update successful.

Example

```
oResponse = goWS.FidelioSPMSWSXML("UpdateDayNeeded", "SessionID", New
Object() {12345, 1.5})
```

UpdateEmail

This function allows you to update the e-mail address (RES_EMAIL_SHIP) to SPMS.

Input Parameters

psFunction= "UpdateEmail", below is the list of psParam or poParam.

Table 4-178 psParam

Parameter	Type	Description	Required
pnAccID	Integer	SPMS Guest Unique ID	Yes
psOldEMail	String	Old E-Mail address	Yes
psNewEMail	String	New E-Mail address	Yes

Below are the description of the parameters.

pnAccID

Unique Guest Id, return from SearchPassenger.

psOldEmail

This is the existing e-mail address for validation purpose. If there is no previous e-mail address pass in an empty string.

psNewEmail

This is the new e-mail address to update to the DB.

Return Values

CResponseXml.bSuccess = True when UpdateEmail is successful

CResponseXml.bSuccess = False when UpdateEmail has failed

Example

```
oResponse = goWS.FidelioSPMSWSXML("UpdateEmail", "SESSIONID", New Object()
{12345, "[EMAIL ADD]", "[EMAIL ADD]", 0, ""})
```

UpdateGuestInfo

This function updates the guest information retrieved from **GuestSearch** function. There could be instances whereby after the **GuestSearch** function is called, some updates could have taken place to the same account in SPMS system on the customer side. In cases like this, an error message 'xxxxxx' will be returned by the function. This is to prevent the new information from being overwritten on either end. When this error message occurs, you will need to make another function call to **GuestSearch** function or a refresh of the underlying data table and then only make a call to **UpdateGuestInfo** function, to update the account details.

Input Parameters

psFunction= "UpdateGuestInfo", below is the list of psParam or poParam.

Table 4-179 psParam

Parameter	Type	Description	Required
poUxpRes	String/ Datatable	This is the data table send via GuestSearch. However, only one record is allowed at one time, JSON – string, XML = Datatable	Optional when pnAccID is required
pbyPicture	Byte Array	Byte Array of the picture content	Yes
psPictureSource	Integer	How picture is capture (This is required when the pbyPicture exists) 0 – Unknown source 1 – From Web Cam 2 – From RFID passport 3 – From Scan passport image	Yes
pnAccID	Integer	SPMS Internal Account Number (For JSON pass in 0 to add new reservation)	Optional when poUxpRes is required.
psReason	String	Reason for change cabin	Optional
psNatID	String	Nationality Id	Optional

Below are the description of the parameters:

For XML pass in poUxpRes.Rows(0)!uxp_a_id = 0 to add new reservation.

To update picture only pass in poUxpRes as nothing for XML, empty string for JSON

poUxpRes

This is the data table returned from the **GuestSearch** function. However, only one record is allowed at any one time. Therefore, if the **GuestSearch** function returns more than one record, you will need to copy the record that you want to a new data table. Refer to sample code below on how this is done. Do note that not all fields will be updated and below is the list of fields currently allowed for an update.

For **FidelioSPMSWSXML** function, the poUxpRes need to serialize first before using the below function.

```
Public Function SerializeObject(ByVal poObject As Object) As String
    Dim oWriter As XmlSerializer
    Dim oMemory As MemoryStream

    oWriter = New XmlSerializer(poObject.GetType)
    oMemory = New MemoryStream
    oWriter.Serialize(oMemory, poObject)
    SerializeObject =
System.Text.UnicodeEncoding.Default.GetString(oMemory.ToArray)
    oMemory.Dispose()
    oMemory = Nothing
```

```

oWriter = Nothing
End Function

```

Table 4-180 Data Field Codes

Code	Description	Required
RES_AWARD_LEVEL	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
RES_BOARDCC_EXT	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
RES_BOOKNR	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
RES_CAB	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
RES_CANCEL	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
RES_CLASSIFICATION	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
RES_CRUISE_DAYS	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
RES_DIS_E	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
RES_EMAIL_SHIP	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
RES_EMB_E	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
RES_GRP	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
RES_HANDICAPCODE	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
RES_HANDIREMARKS	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
RES_NOOFCRUISES	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
RES_PAXCLASS	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
RES_PPD_TAG	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
RES_QUEUEID	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
RES_RFID	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
RES_SIGNOFFPORT_ID	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
RES_SIGNONPORT_ID	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
RES_TRAVEL_TYPE	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional

Table 4-180 (Cont.) Data Field Codes

Code	Description	Required
RES_V_GUESTID	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
RES_V_PRIMARY	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_A_CITY	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_A_COUNTRY	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_A_FRQ_CARDNO	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_A_FSTN	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_A_HANDICAPED	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_A_LOYALTY	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_A_NAME	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Yes
UXP_A_OTHNAME	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_A_SALUT	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_A_STATE	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_A_STREET	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_A_STREET2	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_A_STREET3	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_A_TITEL	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_A_TRAV_INSURE	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_A_ZIP	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_C_INSURE	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_BIRTHD	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_BIRTHNAT	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_BIRTHP	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional

Table 4-180 (Cont.) Data Field Codes

Code	Description	Required
UXP_H_CONT_CITY	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_CONT_ZIP	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_CONT_COUNTRY	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_CONT_EMAIL	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_CONT_MOB_PHONE	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_CONT_NAME	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_CONT_PHONE	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_CONT_STATE	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_CONT_STREET	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_CONT_STREET2	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_C_RELATIONSHIP	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_EMAIL	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_EMAIL2	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_MNAME	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_NATION	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_PASSDI	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_PASSEX	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_PASSNO	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_PASSPI	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_PASSPI_COUNTRY	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_REPEATER	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_REPEATER_OTHER	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional

Table 4-180 (Cont.) Data Field Codes

Code	Description	Required
UXP_H_SEX	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_TELNO	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_P_PROFESSION	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_P_VISA_ADDRESS1	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_P_VISA_ADDRESS2	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_P_VISA_CITY	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_P_VISA_EMAIL	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_P_VISA_PHONE	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_P_VISA_STATE	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_P_VISA_STREET	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_P_VISA_ZIP	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
RES_REMARKS2	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_LANG	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_LANG2	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_LANG3	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_LANG4	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_C_EXTERNALID	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_MARTIAL	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_HAIR	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_EYES	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_WEIGHT	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_HEIGHT	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional

Table 4-180 (Cont.) Data Field Codes

Code	Description	Required
UXP_H_MOB_TELNO	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_STAFF_DIV	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_H_STAFF_POS	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_C_BOOKNO	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_C_BKDATE	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_C_BKPASSEX	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_C_BKPASSPI	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_C_BKPASSPI_COUNTRY	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional
UXP_A_OTHFSTN	If no changes, please skip this field. See SPMS Data Dictionary for further description.	Optional

pbyPicture

This is the byte array of the picture file.

pnAccID

You can get this value from the poUxpRes field UXP_A_ID.

psReason

Input is optional when the absent of **psNatID**.

Input is required when the present of **psNatID**, pass this value as empty string if NO input reason needed.

psNatID

This field is optional.

Return Values

CResponseXml.bSuccess = True when update is successful

CResponseXml.bSuccess = False when update has failed

When success CResponseXml.oObj(0) = <uxp_a_id>

Example

```
oResponse = goWS.FidelioSPMSWSXML("UpdateGuestInfo", "SESSIONID", New Object()
{ SerializeObject(oUxpRes), <Picture Byte Array>, 1})
```

UpdateGuestMessage

This function adds or updates the guest message.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "UpdateGuestMessage", below is the list of psParam or poParam.

Table 4-181 psParam

Parameter	Type	Description	Required
pnMsgD	Integer	Unique Message ID(0 for add new record)	Yes
pnAcclD	Integer	Unique Account ID	Yes
psSender	String(50)	Sender	Yes
psMessage	String(1000)	Message to the guest	Yes
peDeliveryMode	Enum	0-NoDelivery 1-DeliverAtAdvanceQCIWizard 2-DeliverAtGangway	Yes
peAcknowledgement	Enum	0-NoAcknowledge 1-UserAcknowledgeWithLog 2-ManagerAcknowledgeWithLog 3-DoNotContinue (8.0 only)	Yes
peType (8.0 only)	Enum	0-Standard 1-Priority 2-Silent	Yes
pdStartDate (8.0 only)	Integer	Nothing=Always Active	Yes
pdExpiry (8.0 only)	Date	Nothing=Always Active	Yes

Return Values

CResponseXml.bSuccess = False when Update/Add failed.

CResponseXml.bSuccess = True when Update/Add successful.

Example

```
oResponse = goWS.FidelioSPMSWSXML("UpdateGuestMessage", "SessionID", New
Object() {12345,1234576,"Guest","Guest have parcel in front desk",2,1,
0,DateTime.SpecifyKind(#01-01-2014 3:00:00 pm#, DateTimeKind.Unspecified),
DateTime.SpecifyKind(#06-01-2014 3:00:00 pm#, DateTimeKind.Unspecified)})
```

UpdateInvoiceStatus

This function updates the Invoice batch print status in SPMS.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "UpdateInvoiceStatus", below is the list of psParam or poParam.

Table 4-182 psParam

Parameter	Type	Description	Required
pnAcclD	Integer	Unique Guest Id	Yes
pbBatchPrint	Boolean	True = Print in Quick Billing Screen False = Do not print in Quick Billing Screen	Yes
psEMail	String(72)	Ship Email Address	Yes

Below are the description of the parameters.

pnAcclD

Unique Guest Id, return from SearchPassenger.

pbBatchPrint

True – Print in Quick Billing Screen

False – Do not print in Quick Billing Screen

psEMail

e-Mail address to send the invoice to.

Return Values

CResponseXml.bSuccess = True when UpdateInvoiceStatus is successful

CResponseXml.bSuccess = False when UpdateInvoiceStatus has failed

Example

```
oResponse = goWS.FidelioSPMSWSXML("UpdateInvoiceStatus", "SESSIONID", New
Object() {12345, True, "[EMAIL ADD]"})
```

UpdateLuggageLink

This function linked the luggage to the guest. If the luggage already linked to a different guest, it will overwrite it.

Input Parameters

psFunction= "UpdateRFIDEncoded", below is the list of psParam or poParam.

Table 4-183 psParam

Parameter	Type	Description	Required
psSearchStr	String	Unique Payer Account ID or Board Card or PGID or Pax ID depends on the peSearchType	Yes
psRFIDUID	String(16)	Convert the value to HEX	Yes
peSearchType	Enum	InternalID = 0 'res_acc PGID = 1 'res_pgid BoardCard = 2 'res_boardcc PaxID = 3 'res_referenz Cabin = 4 'res_cab Default value = InternalID	Optional

Return Values

CResponseXml.bSuccess = False when Update failed.

CResponseXml.bSuccess = True when Update successful.

Example

```
oResponse = goWS.FidelioSPMSWSXML("UpdateLuggageLink", "SessionID", New
Object() {12345, "E01581A07C123B"})
```

UpdateMessageStatus

This function updates the message delivered status.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "UpdateMessageStatus", below is the list of psParam or poParam.

Table 4-184 psParam

Parameter	Type	Description	Required
pnMsgID	Integer	SPMS Unique Message ID	Yes
pbDelivered	Boolean	True = Set the message status to delivered False – Set the message status to not delivered	Yes

Below are the description of the parameters.

pnMsgID

SPMS Unique Message ID, return from GetMessage.

pbDelivered

True = Set the message status to delivered

False – Set the message status to not delivered

Return Values

CResponseXml.bSuccess = True when UpdateMessageStatus is successful

CResponseXml.bSuccess = False when UpdateMessageStatus has failed

Example

```
oResponse = goWS.FidelioSPMSWSXML("UpdateMessageStatus", "SESSIONID", New
Object() {12345, #1/1/2011#, #1/12/2011#, 0, ""})
```

UpdatePostingStatus

This function updates the guest posting status.

Input Parameters

psFunction= "UpdatePostingStatus", below is the list of psParam or poParam.

Table 4-185 psParam

Parameter	Type	Description	Required
peSearchType	Enum	0 = Internal ID 1 = PGID 2 = BoardCard 3 = Pax ID	Yes
psSearchStr	String	Unique Payer Account ID or Board Card or PGID or Pax ID depends on the peSearchType	Yes
pnStatus	Byte	0 – Posting disable 1 - Posting Enable 2 – Posting disable but manual posting allow	Yes
psReason	String(900)	The reason to change the status	Yes

Return Values

CResponseXml.bSuccess = False when Update failed.

CResponseXml.bSuccess = True when Update successful.

Example

```
oResponse = goWS.FidelioSPMSWSXML("UpdatePostingStatus", "SessionID", New
Object() {0,12345,0,"Credit Limit Exceeded"})
```

UpdatePromoterStatus

This function notifies the SPMS that the promotion has been view in the web client.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "UpdatePromoterStatus", below is the list of psParam or poParam.

Table 4-186 psParam

Parameter	Type	Description	Required
pnPrdID	Integer	Promotion ID	Yes
pnAcclID	Integer	Unique Account ID	Yes
psCode	String(20)	Promotion Code. This code is return from field ESE_ID in WFunction, GetPromotWebClient	Yes

Return Values

CResponseXml.bSuccess = False when update failed.

CResponseXml.bSuccess = True when update successful.

Example

```
oResponse = FidelioWS("UpdatePromoterStatus", New Object() {3565, 12345, "73B"})
```

UpdateRFIDEncoded

This function marks the RFID as encoded successfully. The GETRFIDEncodingData, ENCODED field will return "1" when this function is call and successfully executed.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "UpdateRFIDEncoded", below is the list of psParam or poParam.

Table 4-187 psParam

Parameter	Type	Description	Required
psRFIDUID	String(16)	Convert the value to HEX	Yes

Return Values

CResponseXml.bSuccess = False when Update failed.

CResponseXml.bSuccess = True when Update successful.

Example

```
oResponse = goWS.FidelioSPMSWSXML("UpdateRFIDEncoded", "SessionID", New Object()
{"E01581A07C123B"})
```

UpdateSpecialRequest

This function adds or updates the guest special request.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "UpdateSpecialRequest", below is the list of psParam or poParam.

Table 4-188 psParam

Parameter	Type	Description	Required
pnSrtID	Integer	Unique Special Request ID(0 for add new record)	Yes
pnAcclID	Integer	Unique Account ID	Yes
psCode	String(6)	Special Request Code	Yes
psVid	String(100)	Special Request Unique External ID	Yes
psDescription	String(1000)	Special Request Description	Yes
pnExtID	Double	Special Request External ID	Yes
psExtCode	String(15)	Special Request External Code	Yes
pnQuantity	Integer	Special Request Quantity	Yes
pdDeliveryDate	Date	Expected Delivery Date and Time	Yes
psLocation	String(30)	Location	Yes
psOdiID	String(6)	Delivery Division	Yes
pdEventDate	Date	Special Request Event Date	Yes

Return Values

CResponseXml.bSuccess = False when Update/Add failed.

CResponseXml.bSuccess = True when Update/Add successful. CResponseXML.oObj = srt_id (Unique Special Request ID)

Example

```
oResponse = goWS.FidelioSPMSWSXML("UpdateSpecialRequest", "SessionID", New
Object() {12345,1234576,"Code","Vid","Description", 2, "ExtCode", 1,
DateTime.SpecifyKind(#01-01-2013 3:00:00 pm#, DateTimeKind.Unspecified),
"Location", "GRP", DateTime.SpecifyKind(#01-01-2013 3:00:00 pm#,
DateTimeKind.Unspecified)})
```

UpdateTravelDoc

This function adds or updates the travel document.

Input Parameters

psFunction= "UpdateTravelDoc", below is the list of psParam or poParam.

Table 4-189 psParam

Parameter	Type	Description	Required
pnVisID	Integer	Unique Travel Document ID (0 for add new record)	Yes
pnAcclID	Integer	Unique Account ID	Yes
psCountry	String(6)	Country	Yes
psNumber	String(20)	Document Number	Yes
psVisType	String(6)	Internal Document Type	Yes
pdIssueDate	Date	Issue Date	Yes
psIssuePlace	Date	Issue Place	Yes
pdExpiryDate	Date	Expiry Date	Yes
psVid	String(100)	Unique External ID, for Data Import	Yes
pdRMUDate	Date	RMU Date	Yes
psDocType	String(6)	Document Type	Yes
psFirstName	String(40)	First Name	Yes
psMiddleName	String(20)	Middle Name	Yes
psLastName	String(40)	Last Name	Yes
pdBirthDate	Date	Birth Date	Yes
psRemoteID	String(30)	Remote ID	Yes
psMrz1	String(100)	MRZ 1	Yes
psMrz2	String(100)	MRZ 2	Yes
psMrz3	String(100)	MRZ 3	Yes
psDocName	String(100)	Document Name	Yes
psGUID	String(50)	GUID, for CMS	Yes
pnEntry	Integer	Number of Allow Entry	Yes
pdValidFrom	Date	Valid From	Yes
pnDurationOfStay	Integer	Duration of Stay	Yes
pbyDocImage	Byte Array	Document Image	Yes
pbyDocPhoto	Byte Array	Document Photo	Yes
pbyMultiPageDocImage	Byte Array	Multipage Scan document image	Yes
psFileName	String(100)	Original File Name for file upload	Yes
pbAssignPhotoToAccount	Boolean	True – Assign the Document Photo to Guest Photo	Yes

Return Values

CResponseXml.bSuccess = False when Update/Add failed.

CResponseXml.bSuccess = True when Update/Add successful, CResponseXML.oObj = vis_id (Unique Document ID)

Example

```
oResponse = goWS.FidelioSPMSWSXML("UpdateTravelDoc", "SessionID", New Object()
{12345,1234576,"US","Bxxxx","P",DateTime.SpecifyKind(#01-01-2009#,
DateTimeKind.Unspecified), "Florida", DateTime.SpecifyKind(#01-01-2019#,
DateTimeKind.Unspecified), "", DateTime.SpecifyKind(#12:00:00 AM#,
DateTimeKind.Unspecified), "P", "FirstName", "", "LastName",
DateTime.SpecifyKind(#01-01-1960#, DateTimeKind.Unspecified), "", "", "", "",
"Passport", "", 999, DateTime.SpecifyKind(#01-01-2009#,
DateTimeKind.Unspecified), 30, Nothing, Nothing, Nothing, "", False)
```

UpdateTravelDocAdvance

This function updates the travel document with selected fields, to add a new record you need to use function [UpdateTravelDoc](#).

Input Parameters

psFunction= "UpdateTravelDocAdvance", below is the list of psParam or poParam.

Table 4-190 psParam for XML

Parameter	Type	Description	Required
poVis	String/Datatable	You need to create a WSF to return all fields from VIS view and the data table. One record is allowed at one time, JSON – string, XML = Datatable. Please contact Oracle Support to obtain the WSF scripts.	Yes
pbAssignPhotoToAccount	Boolean	True – Assign the Document Photo to Guest Photo	Yes

Table 4-191 psParam for JSON

Parameter	Type	Description	Required
poVis	String/Datatable	You need to create a WSF to return all fields from VIS view and the data table. One record is allowed at one time, JSON – string, XML = Datatable. Please contact Oracle Support to obtain the WSF scripts.	Yes
pnVisID	Integer	Unique Travel Document ID	Yes
pbAssignPhotoToAccount	Boolean	True – Assign the Document Photo to Guest Photo	Yes

Below are the description of the parameters.

poVis

This is the data table returned from the WSF (SELECT * FROM vis WHERE vis_id = <PARAMNUM1>). However, only one record is allowed at any one time. For FidelioSPMSWSXML function the poVis need to serialize first using the below function

```
Public Function SerializeObject(ByVal poObject As Object) As String
    Dim oWriter As XmlSerializer
    Dim oMemory As MemoryStream

    oWriter = New XmlSerializer(poObject.GetType)
    oMemory = New MemoryStream
    oWriter.Serialize(oMemory, poObject)
    SerializeObject =
System.Text.UnicodeEncoding.Default.GetString(oMemory.ToArray)
    oMemory.Dispose()
    oMemory = Nothing
    oWriter = Nothing
End Function
```

Table 4-192 xxxx

Parameter	Type	Description	Required
pnVisID	Integer	Unique Travel Document ID	Yes
pnAcclID	Integer	Unique Account ID	Optional
psCountry	String(6)	Country	Optional
psNumber	String(20)	Document Number	Optional
psVisType	String(6)	Internal Document Type	Optional
pdIssueDate	Date	Issue Date	Optional
psIssuePlace	Date	Issue Place	Optional
pdExpiryDate	Date	Expiry Date	Optional
psVid	String(100)	Unique External ID, for Data Import	Optional
pdRMUDate	Date	RMU Date	Optional
psDocType	String(6)	Document Type	Optional
psFirstName	String(40)	First Name	Optional
psMiddleName	String(20)	Middle Name	Optional
psLastName	String(40)	Last Name	Optional
pdBirthDate	Date	Birth Date	Optional
psRemoteID	String(30)	Remote ID	Optional
psMrz1	String(100)	MRZ 1	Optional
psMrz2	String(100)	MRZ 2	Optional
psMrz3	String(100)	MRZ 3	Optional
psDocName	String(100)	Document Name	Optional
psGUID	String(50)	GUID, for CMS	Optional
pnEntry	Integer	Number of Allow Entry	Optional
pdValidFrom	Date	Valid From	Optional
pnDurationOfStay	Integer	Duration of Stay	Optional

Table 4-192 (Cont.) xxxx

Parameter	Type	Description	Required
pbyDocImage	Byte Array	Document Image	Optional
pbyDocPhoto	Byte Array	Document Photo	Optional
pbyMultiPageDocImage	Byte Array	Multipage Scan document image	Optional
psFileName	String(100)	Original File Name for file upload	Optional

pbAssignPhotoToAccount

True – Assign the Document Photo to Guest Photo

pnVisID

You can get this value from the WSF field vis_id

Return Values

CResponseXml.bSuccess = True when update is successful.

CResponseXml.bSuccess = False when update has failed

Example

```
oResponse = goWS.FidelioSPMSWSXML("UpdateTravelDocAdvance", "SESSIONID", New
Object() { SerializeObject(oVis), True, <VIS_ID>})
```

UpdateWorkOrder

This function adds or updates the maintenance work order.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "UpdateWorkOrder", below is the list of psParam or poParam.

Table 4-193 psParam

Parameter	Type	Description	Required
pnMwrlD	Integer	Unique Work Order ID(0 for add new record)	Yes
psWorkOrder	String(20)	Work Order Number	Yes
psPublicLocation	String(6)	Public Location, link to TYP_MWL.TYP_ART	Yes
psCabin	String(20)	Cabin Number	Yes
psTaskDesc	String(1000)	Task Description	Yes
pnCompleteStatus	Integer	Completion Status. Must be 0, 25, 50, or 100 (This only applies to Insert new entry)	Yes
psLocation	String(10)	Location, link to ARE_CODE	Yes

Table 4-193 (Cont.) psParam

Parameter	Type	Description	Required
psPictureFileName	String(50)	Filename of the picture file uploaded	Yes
psTask	String(6)	Task Code, link to TYP_MWT.TYP_ART, default value XXX	Yes
psType	String(6)	Task Type, link to TYP_WOT.TYP_ART, default value WOT01	Yes
pnXDocID	Long	Unique XDOC ID, the table where the picture is stored	Yes
psPriority	String(6)	Priority Code, link to TYP_MPI.TYP_ART	Yes
psLocationStatus	String(6)	Location Status, link to TYP_MLS.TYP_ART	Yes
pbyPicture	Byte Array	Picture File, only needs to send when the picture is added or update. Send nothing or empty array when no picture to update. Existing picture will not be deleted even when no picture is send	Yes
pbPrint	Boolean	Indicate to print the work order, PAR->Maintenance->Use Work Order Printer Service must be enabled in order to print	Yes
psComment	String(2000)	Comment Field	Yes
psReportByCabID	String(20)	Reported By Cabin Number	Yes
pbRejected	Boolean	Rejected Status	Yes
psReportByUser	String(50)	Reported By Person	Optional
pdReportedDate	Date	Reported Date	Optional

Note: psPublicLocation, psCabin and psLocation, only one of the three variable needs to pass in.

Return Values

CResponseXml.bSuccess = False when Update/Add failed.

CResponseXml.bSuccess = True when Update/Add successful.

CResponsesXml.oObj = mwr_id when bSuccess = True

Note:

1. pnXDocID = 0 and picture upload during update/insert mean the add new picture
2. pnXDocID = 0 and no picture upload during update mean remove picture.
3. pnXDocID = 0 and no picture upload during insert mean no picture.
4. pnXDocID > 0 and picture upload during update/insert mean overwrite the existing picture.
5. pnXDocID > 0 and no picture upload during update/insert mean use the existing picture.

Example

```
oResponse = goWS.FidelioSPMSWSXML("UpdateWorkOrder", "SessionID", New Object()
{12345,"1234576","LOC1","","Testing", 0, "", "", "XXX", "WOT01", 0, "1" , "1",
Nothing, True)
```

UpdateWorkOrderAssignment

This function will assign person/group to the maintenance work order.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "UpdateWorkOrderAssignment", below is the list of psParam or poParam.

Table 4-194 psParam

Parameter	Type	Description	Required
pnMwalD	Integer	Unique Work Order Assignment ID(0 for add new record)	Yes
pnMwrID	Integer	Unique Work Order ID	Yes
psAssignGroup	String(6)	Assignment Group, link to TYP_MWG.TYP_ART	Yes
psAssignCrew	Integer	Unique Crew ID	Yes
psRemark	String(1000)	Remarks	Yes

Return Values

CResponseXml.bSuccess = False when Update/Add failed.

CResponseXml.bSuccess = True when Update/Add successful.

Example

```
oResponse = goWS.FidelioSPMSWSXML("UpdateWorkOrderAssignment", "SessionID", New
Object() {12345,123457, "1", 12345, "Testing"})
```

UpdateWorkOrderImage

This function adds or updates the maintenance work order additional image.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "UpdateWorkOrderImage", below is the list of psParam or poParam.

Table 4-195 psParam

Parameter	Type	Description	Required
pnMwpID	Integer	Unique Work Order Image ID(0 for add new record)	Yes
pnMwrID	Integer	Unique Work Order ID	Yes

Table 4-195 (Cont.) psParam

Parameter	Type	Description	Required
psFileName	String(50)	Original filename of the image file	Yes
psComment	String(100)	Comment on the image	Yes
pbyImage	Byte Array	Image	Yes

Return Values

CResponseXml.bSuccess = False when Update/Add failed.

CResponseXml.bSuccess = True when Update/Add successful.

Example

```
oResponse = goWS.FidelioSPMSWSXML("UpdateWorkOrderImage", "SessionID", New
Object() {12345,123457,"Cabin.jpg","Shower not working",<Image byte
array>})
```

UpdateWorkOrderItem

This function adds or updates the maintenance work order item require.

Note: Not supported when it is connected to an offline QCI Sync database.

Input Parameters

psFunction= "UpdateWorkOrderItem", below is the list of psParam or poParam.

Table 4-196 psParam

Parameter	Type	Description	Required
pnMwIID	Integer	Unique Work Order Item ID(0 for add new record)	Yes
pnMwrID	Integer	Unique Work Order ID	Yes
pnItemCode	Integer	Unique Maintenance Item ID, link to MIT_ID	Yes
pnQuantity	Integer	Quantity	Yes
pnPrice	Double	Price	Yes
psRemark	String(500)	Remarks	Yes

Return Values

CResponseXml.bSuccess = False when Update/Add failed.

CResponseXml.bSuccess = True when Update/Add successful.

Example

```
oResponse = goWS.FidelioSPMSWSXML("UpdateWorkOrderItem", "SessionID", New
Object() {12345,123457,1,1,2.0, "Testing"})
```

ValidateCrewPinCode

This function validates the crew pin code to see if it matches with the existing pin code.

Input Parameters

psFunction= "ValidateCrewPinCode", below is the list of psParam or poParam.

Table 4-197 psParam

Parameter	Type	Description	Required
pnAcclID	Integer	Unique Crew Account ID	Yes
pnPinCode	Integer	New pin code	Yes

Return Values

CResponseXml.bSuccess = False when Update failed.

CResponseXml.bSuccess = True when Update successful.

Example

```
oResponse = goWS.FidelioSPMSWSXML("UpdateCrewPinCode", "SessionID", New Object()
{12345, 1234})
```

Version

This function returns the version number of the Web Service in use. This is used to determine a list of available services for each version as more services will be added from time to time. It is advisable to check the version number of the Web Services to ensure the client application is backward compatible and determine the list of services available before proceeding.

Input Parameters

psFunction= "Version". There is no input parameter and sends NULL to psParam or poParam.

psParam

None

Return Values

CResponseXml .oObj = Version number of the web service in use.

Example

```
oResponse = goWS.FidelioSPMSWSXML("Version", "SESSIONID", Nothing)
```

WSFunction

This function retrieves information from SPMS by calling a user defined function. You need to read a separate document on the available function as they differ from customer to customer.

Input Parameters

psFunction= "WsFunction", below is the list of psParam or poParam.

Table 4-198 psParam

Parameter	Type	Description	Required
poParam	Array	Array of parameter, this parameter different from function to function	Optional

Below are the description of the parameters.

poParam

The first element is the function name, the rest depends on one function to another.

If the parameter is date field, you need to pass in a date string in YYYYMMDDHHMMSS format.

Return Values

CResponseXml.bSuccess = False when input values are invalid or no record found.

CResponseXml.bSuccess = True and CResponseXML.oTables = Array of ADO.NET data table when input values are valid.

Example

```
oResponse = goWS.FidelioSPMSWSXML("WSFunction", "SESSIONID", New Object()  
{"GetCabin", "05002"})
```