

Oracle® Hospitality Cruise Shipboard Property Management System DGS ResOnline User Guide



Release 20.1
F33486-01
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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 DGS ResOnline User Guide, Release 20.1

F33486-01

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Preface

The DGS ResOnline module is an interface between Oracle Hospitality Cruise Fleet Management (FMS) and Oracle Hospitality Cruise Shipboard Property Management System (SPMS), transferring the guest reservations information, including Shore Excursion booking, Special Requests, Gift orders and others. The data are imported using an Extensible Markup Language (XML) format, based on the available mapping fields.

Audience

This document is intended for project managers, application specialists and users of Oracle Hospitality Cruise Shipboard Property Management System.

Customer Support

To contact Oracle Customer Support, access My Oracle Support at the following URL:

<https://support.oracle.com>

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

Date	Description of Change
September 2020	Initial Publication

Prerequisites, Supported Systems and Compatibility

This section describes the minimum requirements to run the DGS ResOnline module.

Prerequisites

- OHC Administration.exe
- OHC Tools.exe
- OHC DGS ResOnline.exe

Supported Operating System

- See Compatibility Matrix at <http://docs.oracle.com/en/industries/hospitality/>.

Compatibility

SPMS version 20.1 or later. For customers operating on version 20.1 and below, database upgrade to the recommended or latest version is required

1

System Parameter

This section describes the parameters required to run the DGS ResOnline module and these parameters are setup in **Administration, System Setup, Database Parameter**.

Table 1-1 PAR Group General

PAR NAME	PAR VALUE	Description
Allow overwrite posted pre posting	0 – Disable 1 – Enable	0 - Do not allow update PPS when PPS_POS_ID > 0 1 - Allow Update PPS when PPS_POS_ID > 0 and POS_CLOSED=0
Number of day(s) before embarkation alert	Number of day(s)	The system sends an alert e-mail for change less than x days before embarkation

Interface Parameters

Apart from enabling the above System Parameters, the program also requires an Interface Parameter Settings to further define and manage the information to be transferred to SPMS. The Interface Parameter are categorized into three (3) sub-tabs in DGS ResOnline, Settings tab.

- **Parameters:** All Setting for data Transfer from FMS. See [Table 1-2 - DGS ResOnline Parameters](#) for detailed description of the parameters.
- **Parameters 1:** All setting for data Transfer from FMS (Continuous).
- **Alert E-Mail List:** An alert email list use inform user of the transferred reservation status.

The information transferred from FMS to SPMS depends on these settings.

Figure 1-1 DGS ResOnline Parameters

Table 1-2 DGS ResOnline Parameters

Parameter	Description
Refresh interval by seconds	The intervals time to obtain new data to transfer if any. Default minimum interval is 15 Seconds.

Table 1-2 (Cont.) DGS ResOnline Parameters

Parameter	Description
Delete reservation Data Older than x days	<p>Minimum setting is 7 days and below are the process.</p> <ol style="list-style-type: none"> 1. The system removes messages from Reservation that has status = 3 and Reservation modification date < system date – x days. 2. Remove Reservation Response data (RSP) based on RSP_MODDATE compared against x days. 3. Remove Reservation Details Log (RSD) based on RSD_RSL_ID IN (SELECT RSL_ID FROM RSL WHERE (RSL_EMB_E IS NOT NULL AND RSL_EMB_E < DATE (SYSTEM DATE – X DAYS) OR (RSL_EMB_E IS NULL AND RSL_MODDATE < DATE (SYSTEM DATE – X DAYS)) 4. Remove Reservation Update Log (RSL) - WHERE (RSL_EMB_E IS NOT NULL AND RSL_EMB_E < TO_DATE('2016-07-12','YYYY-MM-DD')) OR (RSL_EMB_E IS NULL AND RSL_MODDATE < TO_DATE('2016-07-12','YYYY-MM-DD'))
Stop Bookable Update x days(s) before next cruise start	This stops any shore excursion and bookable ticket update x days before the start of next cruise. This change only affects shore excursion bookable and template for future cruise.
Interval to send alert email (in minutes, 0=disable)	<p>Define the interval to send an alert email, based on email list define in 'Alert e-mail List' tab.</p> <p>0 = disable send alert email.</p>
Stop Update on Embarkation Day (Ctrl+Del to clear and disable)	Define the time to stop an update on embarkation day. Press Ctrl+Del to clear the time value.
Do not update package after guest check-in (B2B)	This stops the update of package for checked-in guest, and is only applicable to back to back guest.
Enable Update of Shorex/Ticket Bookable and Template	This allow update of shore excursion/bookable ticket tour and template. This rule depend on the "Stop Bookable update x day(s) before next Cruise start".
Multiply Pre-posting Quantity to Unit Price	This multiplies the pre-posting quantity by unit price for input to PPS_TOTAL field. Requires additional configuration in Administration module, Database Parameter.

Table 1-2 (Cont.) DGS ResOnline Parameters

Parameter	Description
Stop Process When QCI Offline Sync is enable	This function pauses the ResOnline updates when the QCI Offline Sync process is enabled and resume when QCI Offline Sync stop running.
Do not import cruise (SCR), only import cruise details (SCD)	This flag is to only import System Cruise Days Information, excluding Cruise Itineraries.
Only process UCIData with account_checkin_status = 0	This flag <i>only</i> process UCIData with status Registration that is not complete. ACCOUNT_CHECKIN_STATUS=RES_RGN_COMPLETE
Number of hours to retry process credit card info	Define number of hours to retry processing of credit info in DGS.
Stop Reservation update x days before embarkation	Stops reservation update x days before of embarkation date.
Log Changes into chglog	Log changes made into change log table.
Enable Shore Excursion Language import	This enables the import of language from Shore Excursion.
Enable Over Weight Bookings Price Increase	This enables price increase by % set in Parameter for Overweight booking.
Allow Update Flights for Check-In Guest	This enables the flight info update for Check-In Guest.
Do not allow import zero price shorex/ticket prepaid/prebook transactions	This disables the import of prepaid/pre-book transactions Shore Excursion with zero pricing.
Only update cruise id, department, net price and sales price for excursion/ticket	This only allow update of cruise id, department, net price and sales price for excursion only.
Allow Change Excursion/Ticket Date for the same tour	This enables changes made to tour/ticket of the same record even though the booking date is different.
Validate ENOAD Data	When enabled, the system validates the Electronic Notice of Arrival/Departure (ENOAD) data during import, and insert as Import Warning if any of the ENOAD data is missing. The ENOAD data validation warning is viewable from ResOnlineViewer application, Import warnings.
Allow Update Value to NULL	This allow the change of Excursion or Ticket Date for the same tour.
Prevent process duplicate UCIData	This enables the update of value to NULL when this flag is checked.
Allow Field Update for B2B Guest : Disembarkation Date	This enables the additional fields to be updated for back to back guest, even after guest has checked in.

The system is capable of transferring eight (8) different types of messages (MSSG_NOTES) using ResOnline and they are:

1. **UCIData** - Reservation record
2. **ReservationsData** - Reservation record
3. **DataDefinition** - All field settings in Shore Excursion and Ticket description.
4. **ItinData** - Cruise Itinerary
5. **CAMVisitor** - Visitor Info
6. **SPMSConfig** - SPMS Configuration setup
7. **Transferstatuslog** - Summary of Transaction status
8. **OHCEVENT** - Field setting used in Event module

The reservation messages in (RESERVATION_MSGS)Table is updated with one of this status after a successful import. Below are some of the statuses.

1. MSSG_STATUS = 2 (New record that ResOnline processes)
2. MSSG_STATUS = 3 (Successfully processed)
3. MSSG_STATUS = 5 (RESERVATION_RES_ID in XML <> RESERVATION_RES_ID in RESERVATION_MSGS table)
4. MSSG_STATUS = 6 (Current reservation is older than previous, request for resend)
5. MSSG_STATUS = 7 (No Future cruise created in system)
6. MSSG_STATUS = 8 (Failure)

2

Configuring DGS ResOnline

This section describes the configuration of DGS ResOnline Interface.

Setting Up the Parameter

1. Login to **DGS ResOnline** and navigate to **Settings** tab.
2. Select the sub-tab and select the relative option check boxes.
3. Click **Apply** to save.
4. Restart the application for the changes to take effect.

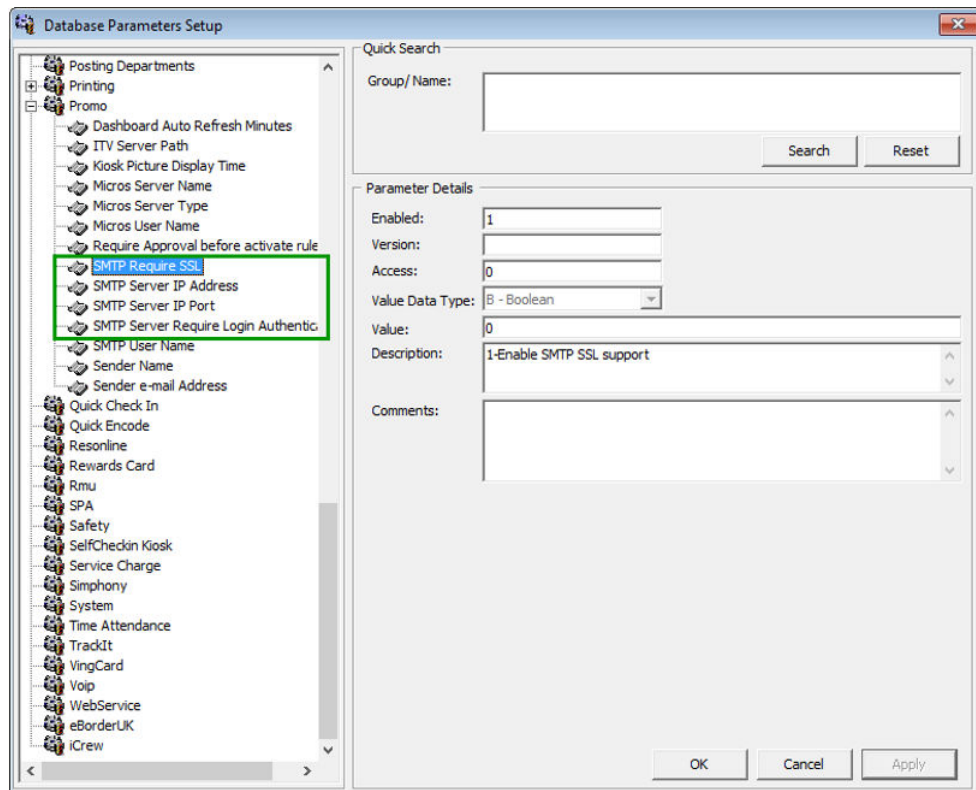
Setting Up Alert Email List

The Alert e-mail List notifies users listed in the alert list of the changes made to the reservation. This requires set ups in Administration module.

Setting Up Email Server

1. Login to **Administration module** and select **System Setup, Database Parameter** from the drop-down menu.
2. In the Database Parameters Setup window, available Parameters are grouped by the function groups. Click the plus '+' key to expand the group and select, or use the **Quick Search** section to look up. Enter the parameter name '*Promo*' in **Group/Name** field and then click **Search**.

Figure 2-1 Email Server Parameters



3. Enter the information in the following parameters and click **Apply** at each of the parameter.
 - **SMTP Server IP Address:** Enter the email server IP address.
 - **SMTP Server IP Port:** Enter the email server port. Default port value is 25.
 - **SMTP Server Require Login Authentication:** Set the Value to 1 if it requires login authentication.
 - **SMTP User Name:** Enter a valid email user account for login
 - **SMTP User Password:** Enter the password for the email user account
4. Exit the program when the update is completed.

Inserting Email Alert Report Template Script

The email alert uses a report template to send the alert and this templates are uploaded using an SQL script.

1. Open the Command Prompt with **Run as Administrator**
2. At the command line, type SQLPLUS and then press the **Enter** key.
3. Enter the SQL System user name and password.
4. At the SQL command-line, enter the following command **@<file location + file name>**. For example **@<C:\temp\ResOnline Email Alert.sql>**.
5. Press the **Enter** key to execute the script, and close the SQL command and the Command Prompt.

Uploading Email Alert Report Template

1. Login to **Administration** module and select **System Setup, Report Setup** from the drop-down menu.
2. At the Current Reports List, ResOnline group, right-click, and select **Add Report**.
3. Navigate to select **Upload New Report (Load Variables From the Report Template)** or **Upload Report** and then search for the .RPT file on your local drive, if you are uploading a report template.
4. In the **Report Details** section, enter the following:
 - a. **Report ID:** Unique ID of customized report.
 - b. **Report File Name:** Crystal Report file name, for example, testreport.rpt.
 - c. **Report Title:** Report name to show in Current Report List.
 - d. **Report Access:** User Access allowed to view/print the report.
 - e. **Report Sort:** Sort order of the report within the assigned report group.
 - f. **Report Group:** Group this report belongs to. Select from the drop down menu.
 - g. **Report Comments:** Additional comments/information pertaining to this report.

Figure 2-2 Report Setup Details

Default Standard | Direct Printing Properties

Upload New Report (Load Variables From the Report Template) | Export to Crystal | Upload Report

Reports can be Imported, and Exported from the database. Reports exported by the system, are embed with the Selection Parameters into the Customs properties of the report. When Importing them, click the option above to automatically insert those stored variables into the database.

Report Details

Report ID:

Report File Name:

Report Title:

Report Access:

Report Sort:

Report Group:

Report Comments:

Print Default

Printer Type:

Number of Copies:

Orientation:

SQL

Database SQL:

Selection Formula

Crystal Selection Formula:

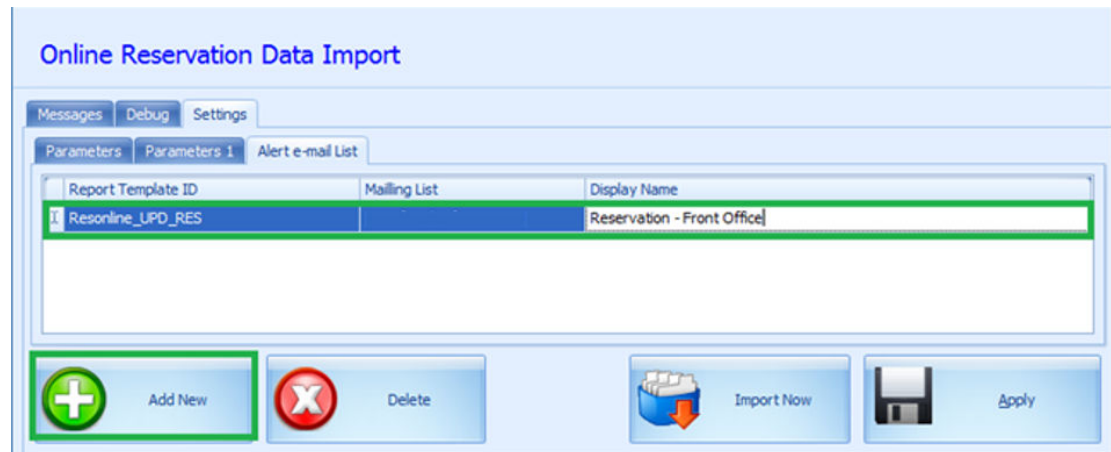
Formulas:

File loaded:paxbynationbreak.rpt | Add New Report | Save | Cancel

5. At the **Print Default** section, select the printer type and print orientation from the drop-down list, and then enter the number of copies to print.
6. Click **Save** to add the report to the list, and **OK** at the Save New Report prompt. The newly loaded report template is shown.

Setting Up Email Alert List

Figure 2-3 Email Alert Report Linking



1. Login to DGS ResOnline and go to **Settings, Alert e-Mail List** tab.
2. Click the **Add New** button to insert a report entry.
3. Insert the **Report ID** from report setup into **Report Template ID** and add the **Mailing List** and **Display Name** in the grid. Use a semicolon “;” to separate multiple email address, if any.
4. Click the **Apply** button to save the changes.
5. Repeat the steps above to add more report alerts for other department. The Alert E-Mail Template settings are save to AlertEMail.xml in Public Documents folder C:\Users\Public\Documents\Oracle Hospitality Cruise.
6. The Alert e-Mail sent is based on the parameter stored in OHCSettings.par [#Res Online Data Import.Parameter.LastSendRspID=xxxxxx#] that references to the ID of last sent alert.
7. Copy the **OHCSettings.par** from the Oracle Hospitality Cruise folder of the ResOnline Interface PC to the new PC that you intend to run DGS ResOnline application. If the [#Res Online Data Import.Parameter.LastSendRspID=xxxxxx#] on the next PC is reset or starts from zero, the application then resend all previously sent alert.

Setting Up Email Alert Mapping Field

Besides configuring the e-Mail server and adding the user email accounts to the alert list, you are also required to define the trigger fields for alerts in ResOnline Viewer. See [ResOnline Viewer User Guide- Configuring a View with Field Mappings](#) section for details.

Setting Up Pre-Posting Quantity to Unit Price

This parameter enables the display of imported prepaid posting amount to be shown as unit price x quantity in the guest invoice. To use this parameter, an additional setting in Administration module is required, and the **Multiply Pre-Posting Quantity to Unit Price** is checked in DGS ResOnline.

1. Login to **Administration module** and select **System Setup, Database Parameter** from the drop-down menu.
2. In the Database Parameters Setup window, available Parameters are grouped by function group. Click the plus **(+)** key to expand the group and select, or enter the parameter name '*General*' in **Group/Name** field and then click the **Search** button.
3. Select the **Default Prepaid System Account** and insert the credit department code in the value field. The credit department code must start with an 'S'. For example: S9185 for Prepaid account.
4. Click the **Apply** button to save the changes.

Enabling 'Log Changes into chglog'

If the change log parameter is checked in DGS ResOnline, you are require to define the change log trigger fields in OHC Tools.exe. See [Tools User Guide](#) to setup the mapping fields.

DGS Prioritization

The application supports prioritization of data to import by record sequence of a bigger value first and then the NULL value last. The sequence value here refers to the XML file where '`RESERVATION_MSGS > PRIORITY_VALUE`'.

3

Enabling Multi Thread Process

The DGS ResOnline Multi Thread Process is an enhanced feature that manages the performance. Below are the setup steps.

Setting Up OHCSettings.Par

In addition to setting the parameters in DGS ResOnline application, additional parameters is added to further manage the performance process. You are to manually insert these settings to the beginning of the OHCSettings.Par file.

Table 3-1 OHCSettings.Par

Parameter	Description
[#Res Online Data Import.Parameter.LogLevel=3#]	<ul style="list-style-type: none">Define the type of information to show on screen as well as in DGS log file.0: No logs. Does not login into the database at application tier as well as database tier and nothing are not shown in UI.1: Error on critical information only2: Critical and important information - error and processing status only.3: All information
[#Res Online Data Import.Parameter.ThreadCount=4#]	<ul style="list-style-type: none">Define the number of threads to process DGS records
[#Res Online Data Import.Parameter.MemoryLimit=1000000#]	<ul style="list-style-type: none">Define the memory usage limit and value is in Kilobyte;The default value is 1000000 if parameter does not exist in OHCSettings.par.The minimum value is 500000.
[#Res Online Data Import.Parameter.LogCommitCount=100#]	<ul style="list-style-type: none">Define the log commit count allowed.Default is 100 if parameter does not exist in OHCSettings.par.The minimum value is 100.The bigger the value is, commit process is faster but performance is slower and uses less memory.

Validating the Parameter Value

Based on the value defined in above parameters, result returned by the system are shown in below example.

ThreadCount = 4

Under the **Action and Description** column, records in process are shown in thread No 8, 9, 10 and 11 per the number of thread indicated.

Figure 3-1 Process Record Thread

Date	Action	Description
08/12/2016 9:17:18 AM	Message	1-563212609-Interface Started - 08/12/2016 9:17:18 AM Memory Usage: 93,336k
08/12/2016 9:17:20 AM	Message	1-563214404-Load Cabin into memory
08/12/2016 9:17:21 AM	Message	12-563215608-Searching Record to Processing 6 records found
08/12/2016 9:17:21 AM	Message	12-563215627-6 records added for processing
08/12/2016 9:17:21 AM	Process	10-563215694-- Processing record 330000211870 - 1
08/12/2016 9:17:21 AM	Process	11-563215695-- Processing record 330000211824 - 2
08/12/2016 9:17:21 AM	Process	9-563215713-- Processing record 330000211795 - 3
08/12/2016 9:17:21 AM	Process	8-563215721-- Processing record 330000211799 - 4

Memory Limit

The DGS program is coded to restart with a 500MB memory, and with the default memory limit in the parameter is 1000000. The application restarts automatically when the memory reaches 1.5GB, or at value defined (500MB + limit defined). For example, the define memory limit is 500000, the application restarts when memory hits 1.0GB.

The total memory used is also shown in the description column as the figure below:

Figure 3-2 Utilization Memory Limit

Date	Action	Description
08/12/2016 9:17:18 AM	Message	1-563212609-Interface Started - 08/12/2016 9:17:18 AM Memory Usage: 93,336k
08/12/2016 9:17:20 AM	Message	1-563214404-Load Cabin into memory
08/12/2016 9:17:21 AM	Message	12-563215608-Searching Record to Processing 6 records found
08/12/2016 9:17:22 AM	Message	12-563216738-0 reservation record(s) removed Memory Usage: 113,744k
08/12/2016 9:17:22 AM	Message	12-563216738-Remove Reservation Response Data Older than 24/11/2016
08/12/2016 9:17:23 AM	Message	12-563216805-0 reservation response record(s) removed Memory Usage: 113,868k
08/12/2016 9:17:23 AM	Message	12-563216805-Remove Details Log (RSD) Data Older than 24/11/2016
08/12/2016 9:17:23 AM	Message	12-563216876-2 Details Log (RSD) record(s) removed
08/12/2016 9:17:23 AM	Message	12-563216876-Remove Log (RSL) Data Older than 24/11/2016
08/12/2016 9:17:23 AM	Message	12-563216991-1 Log (RSL) record(s) removed Memory Usage: 114,048k
08/12/2016 9:17:38 AM	Message	12-563232058-Searching Record to Processing 0 record found

The system launch a Command Prompt window whenever the application restarts and closes the window after the application restart complete.

Figure 3-3 Program Restart Prompt

```

C:\Program Files\Oracle\Emas\ >choice /T 10 /C yn /D y /M "Wait for 10 seconds"
Wait for 10 seconds [Y,N]?Y
C:\Program Files\Oracle\Emas\ >"C:\Program Files\Oracle\Emas\ DGS Resonline" RESTART /NoUpdate

```

Process Log

In the Message tab, only the runtime errors are shown. All other log entries are viewable from
C:\Program Files (x86)\Oracle Hospitality
Cruise\ResOnlineDataImport_yyyymmdd.txt.

4

Processing Data Import

The interface synchronizes data based on the refresh intervals specified in parameter setting automatically. However, there may be occasions that you need to manually import the data, and the steps are described in the section below. Data are imported using an XML format, based on the mapping fields defined in the mapping table. Contact Oracle Customer Support to obtain a copy of the mapping table.

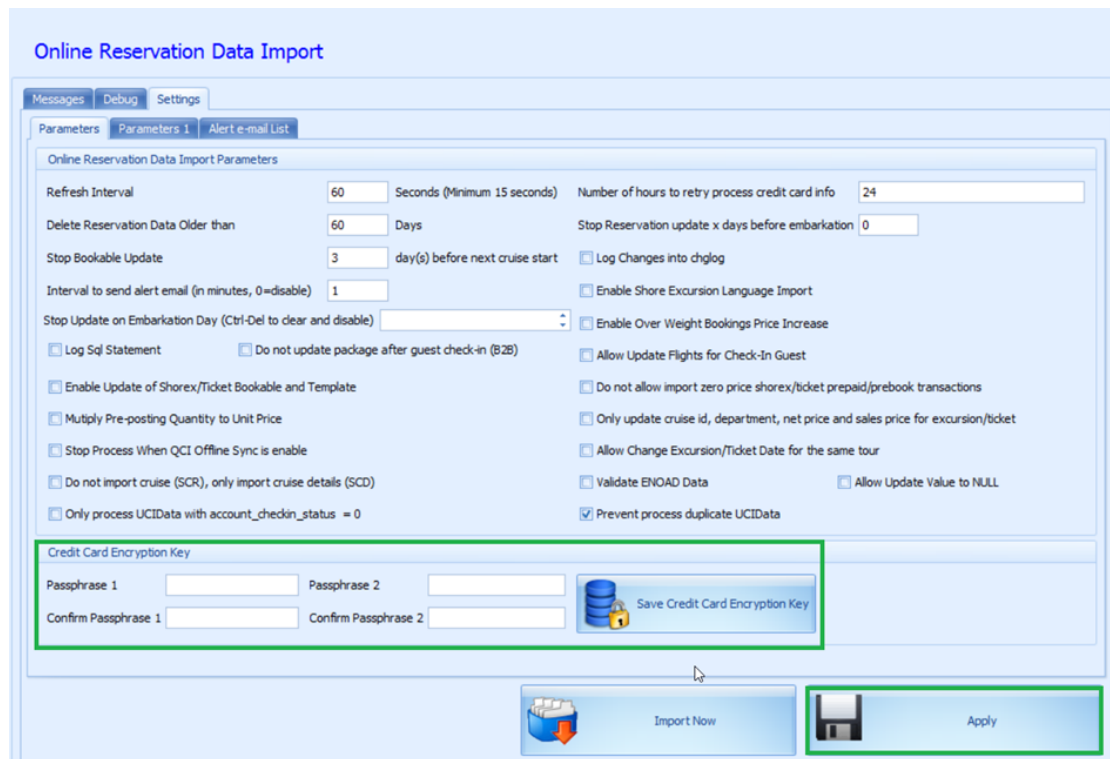
Importing Data

1. Run DGS ResOnline.
2. Update the **Parameters** in **Settings, Parameter** tab if any, and restart the application.
3. Click the **Import** button to process the manual data import.
4. Go to the **Messages** tab to view the number of records processed or any other transactions, updates that took place, depending on the parameters defined.

Changing Credit Card Encryption Key during Import

The system uses the default SPMS Encryption key entered in the Credit Card Encryption Key section, if the field is left blank during import.

Figure 4-1 Credit Card Encryption Key Setup



To update the encryption key with a new passphrase,

1. Go to **Settings, Parameters 1** tab and then Credit Card Encryption Key section.
2. Enter the new passphrase in **Passphrase1** and **Passphrase2** field.
3. Re-enter the same passphrase in **Confirm Passphrase 1 and 2** field, then click **Save Credit Card Encryption Key**.

5

Sample Process Messages

Below are some of the process messages based on the parameters defined.

Sample XML File Format

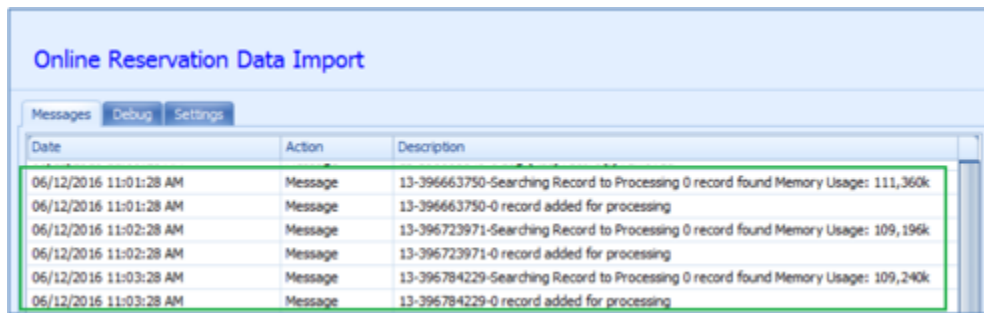
Below is the sample information of the XML file.

```
<DataSetReservations>
  <MESSAGE__TYPE>
    <MSSG_CONTENT></MSSG_CONTENT>
    <MSSG_XFRSHIP></MSSG_XFRSHIP>
    <RESERVATION>
      <RESERVATION_RCDID></RESERVATION_RCDID>
      <RESERVATION_XFRSHIP></RESERVATION_XFRSHIP>
      <RESERVATION_XFRSTATUS></RESERVATION_XFRSTATUS>
      <RESERVATION_RCDMODDATE></RESERVATION_RCDMODDATE>
      <RESERVATION_RES_ID></RESERVATION_RES_ID>
      <RESERVATION_PAX_GUID></RESERVATION_PAX_GUID>
      <RESERVATION_TYPE></RESERVATION_TYPE>
      <RESERVATION_CABIN></RESERVATION_CABIN>
      <RESERVATION_CABIN_SHARING></RESERVATION_CABIN_SHARING>
      <RESERVATION_STATUS></RESERVATION_STATUS>
      <RESERVATION_EMBARK></RESERVATION_EMBARK>
      <RESERVATION_DEBARK></RESERVATION_DEBARK>
      <RESERVATION_BOOKINGNO1></RESERVATION_BOOKINGNO1>
      <RESERVATION_BOOKINGCODE></RESERVATION_BOOKINGCODE>
      <RESERVATION_BOOKINGDATE></RESERVATION_BOOKINGDATE>
      <RESERVATION_V_GUESTID></RESERVATION_V_GUESTID>
      <RESERVATION_VIP></RESERVATION_VIP>
      <RESERVATION_GROUP_ID></RESERVATION_GROUP_ID>
      <RESERVATION_ACATEGORY></RESERVATION_ACATEGORY>
      <RESERVATION_PCATEGORY></RESERVATION_PCATEGORY>
      <RESERVATION_PRODUCT></RESERVATION_PRODUCT>
      <RESERVATION_PREPRODUCT></RESERVATION_PREPRODUCT>
      <RESERVATION_CRUISE_FARE></RESERVATION_CRUISE_FARE>
      <RESERVATION_TRAVEL_TYPE></RESERVATION_TRAVEL_TYPE>
      <RESERVATION_PPD_TAG></RESERVATION_PPD_TAG>
      <RESERVATION_OPERATOR></RESERVATION_OPERATOR>
      <RESERVATION_AGENTID></RESERVATION_AGENTID>
      <RESERVATION_CREDITLIMIT></RESERVATION_CREDITLIMIT>
      <RESERVATION_EMBARKPORTCODE></RESERVATION_EMBARKPORTCODE>
      <RESERVATION_DEBARKPORTCODE></RESERVATION_DEBARKPORTCODE>
```

Refresh Interval

Below figure shows the system constantly checks for new records to process every 60 seconds intervals or per interval time defined.

Figure 5-1 Sample Refresh Interval Messages

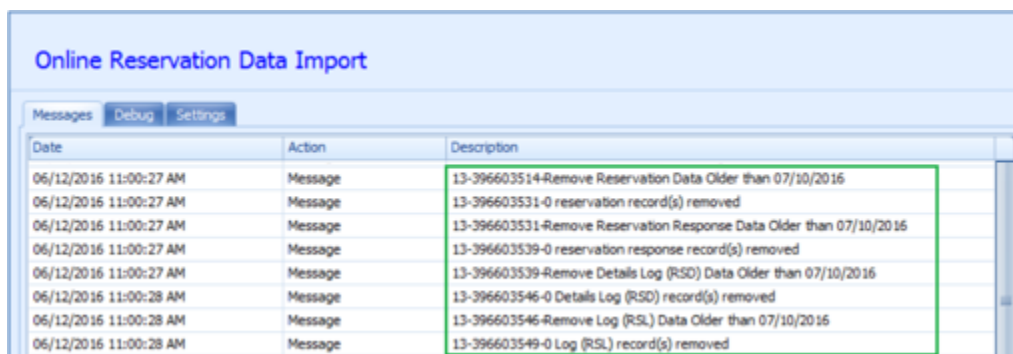


Date	Action	Description
06/12/2016 11:01:28 AM	Message	13-396663750-Searching Record to Processing 0 record found Memory Usage: 111,360k
06/12/2016 11:01:28 AM	Message	13-396663750-0 record added for processing
06/12/2016 11:02:28 AM	Message	13-396723971-Searching Record to Processing 0 record found Memory Usage: 109,196k
06/12/2016 11:02:28 AM	Message	13-396723971-0 record added for processing
06/12/2016 11:03:28 AM	Message	13-396784229-Searching Record to Processing 0 record found Memory Usage: 109,240k
06/12/2016 11:03:28 AM	Message	13-396784229-0 record added for processing

Delete reservation data older than 60 Days

In the **Messages** tab, data older than 60 days from date of modification is removed.

Figure 5-2 Sample Deleted Reservation Message

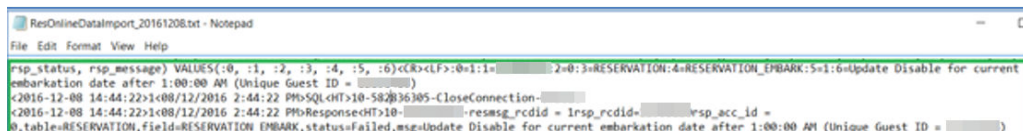


Date	Action	Description
06/12/2016 11:00:27 AM	Message	13-396603514-Remove Reservation Data Older than 07/10/2016
06/12/2016 11:00:27 AM	Message	13-396603531-0 reservation record(s) removed
06/12/2016 11:00:27 AM	Message	13-396603531-Remove Reservation Response Data Older than 07/10/2016
06/12/2016 11:00:27 AM	Message	13-396603539-0 reservation response record(s) removed
06/12/2016 11:00:27 AM	Message	13-396603539-Remove Details Log (RSD) Data Older than 07/10/2016
06/12/2016 11:00:28 AM	Message	13-396603546-0 Details Log (RSD) record(s) removed
06/12/2016 11:00:28 AM	Message	13-396603546-Remove Log (RSL) Data Older than 07/10/2016
06/12/2016 11:00:28 AM	Message	13-396603549-0 Log (RSL) record(s) removed

Stop update on embarkation day

A message "Update Disable for current embarkation date after x:xx:xx" is added to ResOnline Data Import log file, when the **Stop Update** on Embarkation parameter is enabled or when a value is inserted into the field.

Figure 5-3 Sample Stop update on embarkation day message



```

ResOnlineDataImport_20161208.txt - Notepad
File Edit Format View Help
rsp_status, rsp_message) VALUES(:0, :1, :2, :3, :4, :5, :6)<CR><LF>:0=1:1=...:2=0:3=RESERVATION:4=RESERVATION_EMBARK:5=1:6=Update Disable for current
embarkation date after 1:00:00 AM (Unique Guest ID = ...)
<2016-12-08 14:44:22>1<08/12/2016 2:44:22 PM>SQL<HT>10-582836305-CloseConnection-...
<2016-12-08 14:44:22>1<08/12/2016 2:44:22 PM>Response<HT>10-...-resmsg_rcdid = 1rsp_rcdid=...vsp_acc_id =
0,table=RESERVATION,field=RESERVATION_EMBARK,status=Failed,msg=Update Disable for current embarkation date after 1:00:00 AM (Unique Guest ID = ...)

```

Log SQL statement

The system logs an SQL statement into a log file in C:\Users\Public\Documents\Oracle Hospitality Cruise\ResOnlineDataImportYYYYMMDD.txt if you have the Log SQL Statement checked in Parameter1. You can view the statement from the **Debug** tab.

Do not update package after guest check-in (B2B)

This parameter updates the booking records based on the selection of the check box. When the check box is:

- Checked and the guest with back to back booking has check in:
 - It does not process or update the package plan be it new or of the same plan.
- Unchecked and the guest with back to back booking has check in:
 - It processes and creates a new package plan when new plan is send in and prompt 'No Changes' if the plan is the same as previous and without changes.
- Checked/Unchecked for back to back booking due to arrive,
 - It creates new package plan when new plan is sent in and prompts 'No Changes' if the plan is the same as previous and without changes.

Stop process when QCI Offline Sync is enabled

This parameter backup and restore the latest database to QCI Shore Database when the parameter is enabled and QCI Sync Interface is started.

At the point when Quick Check In Synchronizer Ship database mode is in a **Enabled** status in **Offline Mode**, the DGS ResOnline Interface status switches to a **PAUSE** and resumes when the **Offline Mode** is **Disabled**.

Figure 5-4 QCI Synchronization Status

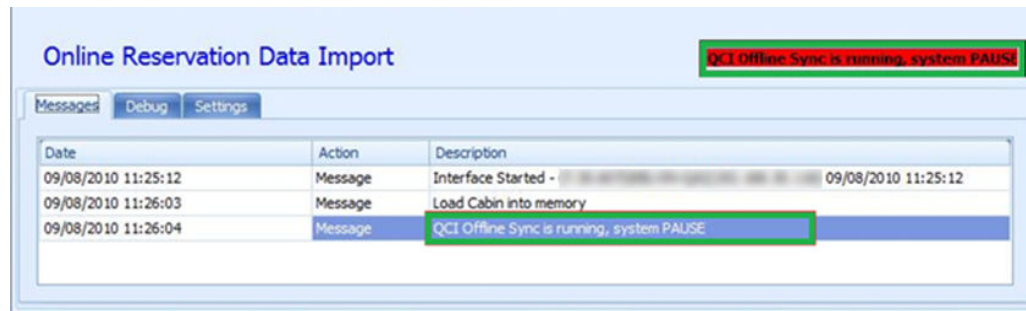
The screenshot displays the 'Quick Check In Synchronizer' interface. At the top, there is a table with three columns: 'Database', 'Offline Mode', and 'Database Status'. Below this table are navigation tabs for 'Messages', 'Debug', and 'Settings'. At the bottom, there is a log table with 'Action' and 'Description' columns.

Database	Offline Mode	Database Status
Ship	Enabled	Connected
Shore QCI	Disabled	Connected

Messages | Debug | Settings

Action	Description
Shore	Drop Shore QCI DB. User
Ship	Backup Ship DB to
Shore	Restore DB into Shore QCI DB

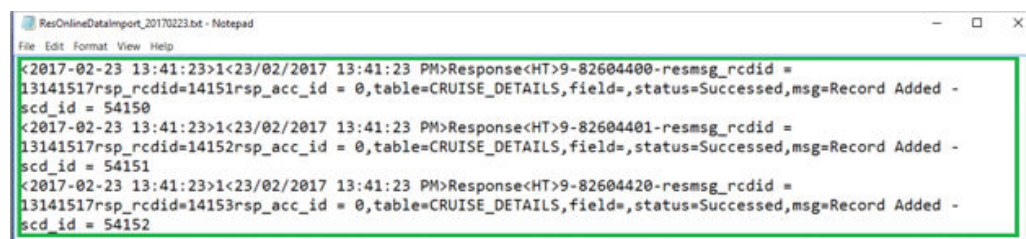
Figure 5-5 DGS Pause Mode



Do not import cruise (SCR), only import cruise details (SCD)

When this parameter is enabled, the system only import the cruise details excluding the cruise date.

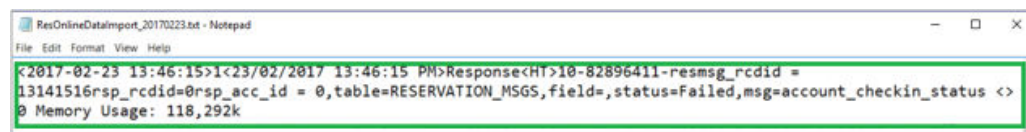
Figure 5-6 Sample Do Not Import Cruise Details Messages



Only process UCIData with account check in status = 0

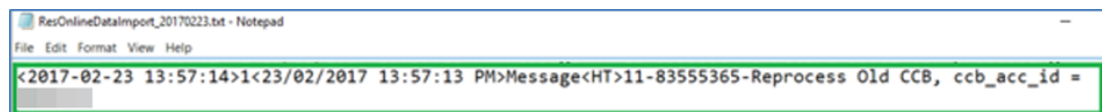
Below is the sample message of UCIData when the parameter value of 'Only Process UCIData With Account Check In Status' is set to 0 and option is checked in the application.

Figure 5-7 Sample message of Only Process UCIData With Account Check In Status



Number of hours to retry process credit card info

If this parameter is enabled and the Pretty Good Privacy (PGP) Credit number fails to decrypt during import process, the application will retry to process with the credit card information stored in credit card buffer, based on the hours define in the parameter.

Figure 5-8 Sample retry processing credit card info messages


```

ResOnlineDataImport_20170223.txt - Notepad
File Edit Format View Help
<2017-02-23 13:57:14>1<23/02/2017 13:57:13 PM>Message<HT>11-83555365-Reprocess Old CCB, ccb_acc_id =

```

Stop Reservation Update x Days Before Embarkation

This parameter stops the import of reservations update based on the number of days defined in the parameter, and log a fail message 'Expected Embark date must be x day(s) after the system date.

For example, the days defined before embarkation is 3 and record with embark date less than or equal to 3 days after the system date are not imported

Figure 5-9 Sample message on Stop Reservation Update x Days Before Embarkation


```

ResOnlineDataImport_20170223.txt - Notepad
File Edit Format View Help
<2017-02-23 14:22:29>1<23/02/2017 14:22:29 PM>Response<HT>10-85071125-resmsg_rcdid =
13141518rsp_rcdid=12908120rsp_acc_id =
0,table=RESERVATION,field=RESERVATION_EMBARK,status=Failed,msg=Expected Embark Date must be 3 day(s) after
the system date (Unique Guest ID = )

```

Enable Shore Excursion Language Import

This parameter allows import of excursion booking by Language to prevent the overbooking of tour buses/guide. It applies to the same bookable tour with different language (ESE_LANGUAGE) and with same external id (ESE_EXTERNAL_ID)

When this parameter is enabled, the application performs:

1. A search based on ESE_EXTERNAL_ID + ESE_DATE.
2. If the search returns no record, then the application searches the next record using the ESE_DATE + ESE_NO.
3. If no result is yield, the application reject the import and insert an error 'tour code is not found' in the record.
4. If the search return a record, then the tour code is inserted into excursion booking table (EPO), regardless of the language set in ESE_LANGUAGES field.
5. If the search return more than one record, then the application checks and matches the language in <EXCURSIONS_LANGUAGE> set during import.
6. If no match is found, the application then search the Account_Languages.
7. If it still does not return a matching result, program then insert the booking into the first bookable excursion.

Enable Over Weight Bookings Price Increase

This parameter triggers a price increase based on the value set up in **Shore Excursion, Overweight Price Increase** (either in Value or %). When the import is processing, the system updates the price Gross Price in Shore Excursion. The price increase is based on EXCURSION_EXTRA_SEAT value set to "W" in the XML file.

Allow Update Flights for Check-In Guest

This parameter disable users from adding, deleting or editing the flight information in **Management and Crew, Flight Information** function, and sets it to view only. When the parameter is checked, importing of flight information including checked-in guest is allowed.

Figure 5-10 Sample Allow Update Flights for Check-In Guest



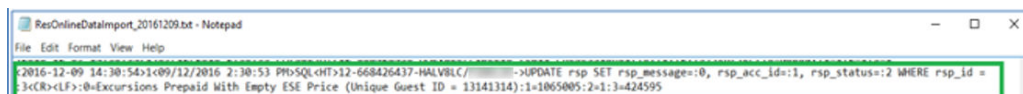
```

ResOnlineDataImport_20170224.txt - Notepad
File Edit Format View Help
<2017-02-24 11:36:00>1<24/02/2017 11:36:00 AM>Response<HT>9-161480873-resmsg_rcdid =
13141518rsp_rcdid=11412415rsp_acc_id = 1065955,table=FLIGHTS,field=status=Successed,msg=Record added - ail_id =
148617 (Unique Guest ID = )
<2017-02-24 11:36:00>1<24/02/2017 11:36:00 AM>Response<HT>9-161480879-resmsg_rcdid =
13141518rsp_rcdid=12238907rsp_acc_id = 1065955,table=AMENITY,field=status=Successed,msg=Record added - ame_resid =
1028125 (Unique Guest ID = )
  
```

Do not allow Import Zero Price Shorex/Ticket Prepaid/Prebook Transactions

When this parameter is checked, the system checks for prepaid records that has empty price in the XML file, and reject the import and then sets the status=Fail.

Figure 5-11 Sample message ff Do Not Allow Import Zero Price From Shorex/ Ticket Prepaid/Prebook Transactions



```

ResOnlineDataImport_20161209.txt - Notepad
File Edit Format View Help
2016-12-09 14:30:54>1<09/12/2016 2:30:53 PM>SQL<HT>12-568426437-HALVBLC/ ->UPDATE rsp SET rsp_message=:0, rsp_acc_id=:1, rsp_status=:2 WHERE rsp_id =
3<(R)<(F):0=Excursions Prepaid With Empty ESE Price (Unique Guest ID = 13141314):1=1065005:2=1:3=424595
  
```

Only Update Cruise Id, Department, Net Price And Sales Price For Excursion/ Ticket

The system only update the cruise id, department, net price, and sales price for excursion when the parameter is checked, and no other changes shall take place. The example below shows the price value has been updated.

Figure 5-12 Sample message of Update Cruise ID, Department ID, Net Price



```

ResOnlineDataImport_20161209.txt - Notepad
File Edit Format View Help
1065807,table=EXCURSIONS,field=status=Successed,msg=Record Updated - epo_vid = 007025995, epo_acc = 1065807 (Unique Guest ID = )
  
```

Allow Change Excursion/Ticket Date for the same tour

When this parameter is turned on and a date change is made to the same excursion, the system does not create a new booking but update the excursion date with new date sent by the interface.

When the data send with the same EPO_VID, ESE_ID=EPO_ESE_ID with different booking date, the EPO_ESE_ID and EPO_SDAT the updated the same record.

Figure 5-13 Sample message of Allow Change Excursion/Ticket Date

```

ResOnlineDataImport_20170222.txt - Notepad
File Edit Format View Help
<2017-02-22 11:10:04>1<22/02/2017 11:10:04 AM>Response<HT>10-1537242346-resmsg_rcdid =
13141516rsp_rcdid=203rsp_acc_id = 1065807,table=EXCURSIONS,field=,status=Sucessed,msg=Record Updated -
epo_id = 2593537 (Unique Guest ID = [redacted])

```

Validate ENOAD Data

This parameter validates ENOAD data during import and insert an import warning if the ENOAD data is found to be missing. You can view the data validation warning from ResOnline Viewer.exe under Import Warning

Allow Update Value to NULL

This parameter updates the existing data to NULL, excluding fields that does not allow NULL.

Figure 5-14 Sample message of Allow Update Value To Null

```

ResOnlineDataImport_20170222.txt - Notepad
File Edit Format View Help
13141516rsp_rcdid=11548394rsp_acc_id = 1063754,table=GROUPS,field=,status=Sucessed,msg=Group Updated -
uxp_a_id = 1063754 (Unique Guest ID = [redacted])

```

Prevent Process Duplicate UCIData

When this parameter is enabled, the system process the latest UCIData records and ignore the earlier records if multiple records were sent for the same guest. If the parameter is disabled, the system processes all records for the same guest.

Figure 5-15 Sample message of Disabled Prevent Process Duplicate UCIData

```

ResOnlineDataImport_20170222.txt - Notepad
File Edit Format View Help
<2017-02-22 11:38:40>1<22/02/2017 11:38:40 AM>Process<HT>9-1538958634-- Processing record 13141516 - 18
<2017-02-22 11:38:41>1<22/02/2017 11:38:41 AM>Message<HT>11-1538959638-1 record added for processing
<2017-02-22 11:38:41>1<22/02/2017 11:38:41 AM>Process<HT>10-1538959642-- Processing record 13141518 - 19

```

Allow Field Update for B2B Guest > Embarkation Date

This parameter updates the disembarkation date according to the XML file for guest with back to back booking that are checked-in. When the expected disembarkation date of the checked-in guest in the XML file is greater than current cruise end date, the system creates the second leg record. You can view the details of the imported messages with ResOnline Viewer

Interval to Send Alert e-Mail

This parameter triggers an alert e-mail to user based on the Alert e-Mail list defined in [Setting Up Alert Email List](#). If the system finds a record that matches the settings during an import process, a report is generated and sent to respective user. A message is also shown in the Message tab with "xxxxxx Generating Report-ShorexAlertEmail", followed by "xxxxxx Sending eMail to Shorex Booking (xxxx)"

Enable Update of Shorex/Ticket Bookable and Template

This parameter check and update the bookable records x days before the next cruise. For example a price change from 300 to 150 is set in Shore Excursion. During import, the application checks the date to Stop Bookable Update, and updates the price accordingly to the future cruises, where applicable.

This change is reflected in the **Shore Excursion, Pricing & Sales** tab.

This change also affect the shore excursion bookable and template, and only applicable to future cruise. You cannot change the current cruise shore excursion bookable and template.

Figure 5-16 Sample Price Update on Shore Excursion, Ticket Bookable and Template

```

<2017-02-23 15:32:28>1<23/02/2017 15:32:28 PM>Response<HT>9-89269525-resmsg_rcdid = 
13141518rsp_rcdid=10300211rsp_acc_id = ,table=EXCURSIONSDEF,field=,status=Sucesssed,msg=Record Updated - 
epo vid = 007025995, epo acc = 1065905 (Unique Guest ID = )

<2017-02-23 15:32:28>1<23/02/2017 15:32:28 PM>Response<HT>9-89269596-resmsg_rcdid = 
13141518rsp_rcdid=203rsp_acc_id = ,table=EXCURSIONS,field=,status=Sucesssed,msg=Record Updated - 
epo id = 2593615 (Unique Guest ID = ) Memory Usage: 155.676k
    
```

Additional Information

The following section describes some functional feature that runs in the background.

Connection Lost Retry 10 Times

When a connection is lost, the interface attempts to reconnect and display an error message 'Error – DB is down' in ResOnline Message tab after the tenth retry.

Figure 5-17 Sample message of Lost Connection Retry

Date	Action	Description
13/12/2016 9:50:42 AM	Message	1-997210937-Interface Started
13/12/2016 9:50:50 AM	Message	13-997218585-Remove Log (RSL) Data Older than 14/10/2016
13/12/2016 9:50:50 AM	Message	13-997218601-0 Log (RSL) record(s) removed
13/12/2016 9:51:24 AM	Error	13-997252675 DB Is Down 60 Memory Usage: 109,760k
13/12/2016 9:51:40 AM	Error	13-997268692 DB Is Down 120 Memory Usage: 109,744k
13/12/2016 9:52:55 AM	Error	13-997343851 DB Is Down 180 Memory Usage: 108,812k
13/12/2016 9:54:10 AM	Error	13-997419062 DB Is Down 240 Memory Usage: 109,232k
13/12/2016 9:55:25 AM	Error	13-997494263 DB Is Down 300 Memory Usage: 108,900k

Assuming the Refresh Interval is set at 60 seconds and the DB down time hits 300, this closes the application.

The application prompts a command prompt screen whenever it restarts and closes the command prompt screen after the application restarts completely.

Prevent Application from Running Multiple Times from Different PC

This handling is added to prevent the application from being started at multiple locations, and prompt a message on screen when the application is started from another location. An allowance of 60 seconds is added before the application can be close.

The system adds an 'Error' entry to the Message tab with date and time stamped, and location mentioned in the Description section. For example, "xxxxxxx DGS ResOnline.exe is running at workstation xxxxxx"

Guest Picture Import

The application supports importing of guest picture from an XML file and insert the value into MSSG_GUEST_HISTORY field, and stores the picture in SEC table. The picture cannot be updated after the Guest checks-in.

Figure 5-18 Sample picture string in XML file format

```

<?xml version="1.0"?>
- <GUESTDETAILS xmlns="..." />
  xsl:schemaLocation="..." /schemas/FConsol/DataSetGuestHistory.xsd C:\... \GuestHistory.xsd
  xmlns:xsi="..." /2001/XMLSchema-instance">
  - <PASSENGER>
    <PASSENGERID>...</PASSENGERID>
    <FIRSTNAME>...</FIRSTNAME>
    <BIRTH_DATE>...</BIRTH_DATE>
    <SEX>...</SEX>
    <IDENTIFICATION>
      <PASSENGERID>...</PASSENGERID>
      <DESCRIPTION>...</DESCRIPTION>
      <IDENTIFICATIONID>...</IDENTIFICATIONID>
      <CARDNO>...</CARDNO>
      <ISSUE>...</ISSUE>
      <EXPIRY>...</EXPIRY>
      <COUNTRY>...</COUNTRY>
    </IDENTIFICATION>
    <IMAGE>
      <PASSENGERID>...</PASSENGERID>
      <PICTURE>I
    </IMAGE>
  </PASSENGER>
</GUESTDETAILS>

```

Import Guest History

The application supports importing of guest history for analysis purpose and this includes transactions, item details, shore excursion booking, amenity, and special requests.

When the XML content is uploaded and updates the RESERVATION_MSGS.MSSG_CONTENT and RESERVATION_MSGS.MSSG_GUEST_HISTORY of the same guest, the history value and request are shown in **Management, Guest Handling, Guest History tab** and **Service Info tab** respectively. The service request may be copied into current cruise. See [Management User Guide](#) on how to copy the service request.

Insert EST_LANGUAGES to ESE_LANGUAGES

When the ESE_LANGUAGES is empty during import, the application replaces the value into this field when EST_NO=ESE_NO.

6

ResOnline Viewer Application

The ResOnline Viewer application allow you to view the guests' information, bookings, gift orders, special request, and many more information transferred from the Fleet Management System (FMS) through DGS ResOnline Interface.

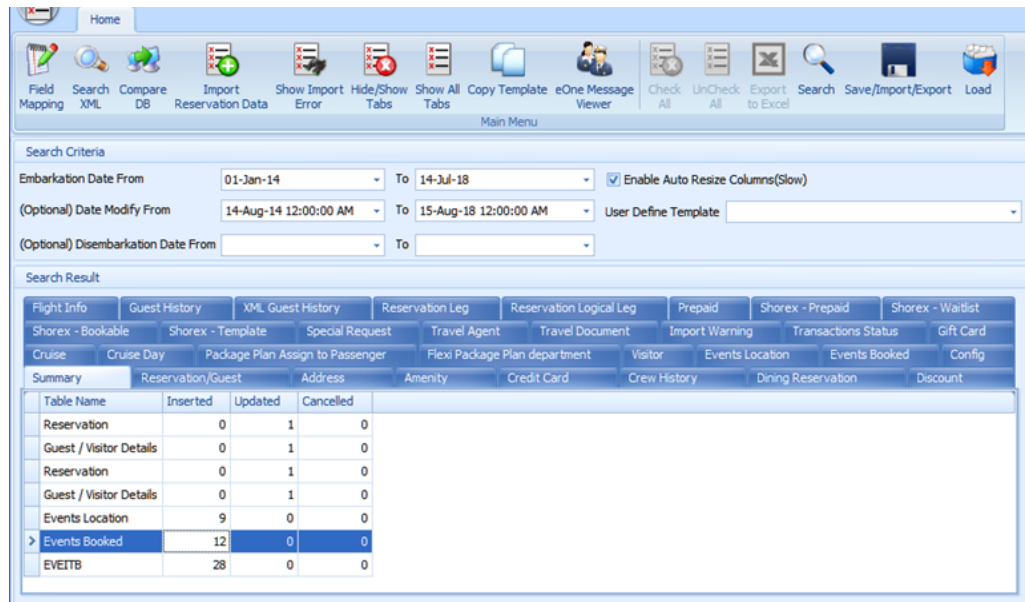
By using the ResOnline system, the IT Officers will no longer receives or uploads manifests into the system manually. Data from the shore-side reservation system such as guest information, shore excursion bookings, gift orders, and special requests are automatically transferred to the ship's SPMS system before the voyage begins on a daily basis, allowing users to view all the reservations changes made.

ResOnline Viewer Functions

The function available in the ResOnline Viewer application are.

Table 6-1 ResOnline Viewer Functions

Function	Description
Field Mapping	A selection of fields to display on each available tabs.
Search XML	A function that searches the eXtensible Markup Language (XML) reservation records.
Compare DB	A function that compares two databases.
Import Reservation Data	A function to import reservation data in XML format.
Show Import Error	A function that displays DGS ResOnline data import error.
Hide/Show Tab	A function that hide/show user selected tabs.
Show All Tab	A function that show all available tabs in the system.
Copy Template	A function to copy bookable Tour template to bookable tour date
eOne Message Viewer	A function to show the eOne data process
Search Function	A function that search the database based on selected criteria.
Save/Import/Export	Save/Import/Export User Defined template.
Load	A function that refreshes the screen according to selected template view.

Figure 6-1 ResOnline Viewer Functions

Search Criteria

Information's shown in each of the ResOnline Viewer tabs are based on the information entered in the search criteria, and they are:

- Embarkation Date From / To
- Date Modify From /To (optional)
- Disembarkation Date From / To (optional)
- User Define Template, if user wish to load information based on previously saved template.

Information Tab

Below are the default tabs provided by the application. You can choose to hide or show the tabs to suits the operations.

Table 6-2 Default ResOnline Viewer Tabs

Tab Name	Description
Summary	Display a summary of changes made on each tab, for example; number of records were inserted, updated or deleted.
Reservation/Guest	Displays the reservation information and the changes made.
Address	Displays address information and changes made.
Amenity	Displays the gift order information table and changes made.
Credit Card	Displays the credit card information and the changes made.

Table 6-2 (Cont.) Default ResOnline Viewer Tabs

Tab Name	Description
Crew History	Displays the crew history information and the changes made.
Dining Reservation	Displays the dining information and the changes made.
Discount	Displays the discounts accorded and the changes made.
Flight Info	Displays the flight information and the changes made.
Guest History	Displays the guest history information and the changes made.
XML Guest History	Displays the reservation information and the changes made in XML format.
Reservation Leg	Displays the reservation information for back to back reservations and the changes made.
Reservation Logical Leg	Displays overland/overnight tour information for back to back reservations and the changes made.
Prepaid	Displays the pre-postings information and the changes made, including promo credit, shipboard credit, gift order credit.
Shorex – Prepaid	Displays the web booking information for shore excursion and changes made.
Shorex – Waitlist	Displays the waitlisted shore excursions booking information and changes made.
Shorex – Bookable	Displays the bookable shore excursions information and changes made.
Shorex – Template	Displays the shore excursions template information and changes made
Special Request	Displays the special services and request information's, and the changes made.
Travel Agent	Displays the travel agency information and changes made.
Travel Document	Displays the travel documents information and changes made.
Import Warning	Displays the records with warning messages prompt during import.
Transaction Status	Displays the status of the records transferred.
Gift Card	Displays the gift card information and changes made.
System Cruise	Displays cruise information and changes made.
Cruise Day	Displays cruise day information and changes made.
Package Plan Assign to Passenger	Displays Passenger package plan and changes made.

Table 6-2 (Cont.) Default ResOnline Viewer Tabs

Tab Name	Description
Flexi Package Plan Department	Displays Flexi Package Plan charge department, discounts value and changes made.
Events Location	Displays Events Location and changes made.
Events Booked	Displays Events booked on selected period and changes made.
Visitor	Displays Visitors information and changes made.
Config	Display System Configuration Setup information details and changes made.

Accessing Information using Search Criteria

Below section describes the steps to look up for any information's, whether it is a newly inserted record or past records with changes.

1. Enter the **Embarkation Date From / To**, and click the **Search** button at the ribbon bar.
2. If you are searching for change records of a certain period, enter the **Date Modify From / To** (optional), and then click the **Search** button.
3. To view records that are more than one voyage, enter the **Disembarkation Date From / To (optional)**, and then click the **Search** button.
4. In the Summary tab, you will see a list of total records inserted, updated or cancelled.
 - Inserted column shows the number of new records/information's transferred to the ship.
 - Updated column shows the number of changes/updates made to the guests and shore excursion information including cancellations.
 - Cancelled column shows the number of records physically removed from the database, for example; the reservations were made and cancelled at the very last minute.

Figure 6-2 Summary of Search Records

The screenshot shows a 'Search Result' window with a tabbed interface. The 'Summary' tab is selected, displaying a table with the following data:

Table Name	Inserted	Updated	Cancelled
> XML Guest History	1	0	0
Travel Document	2	14	0
Shorex - Prepaid	2	0	0
Guest / Visitor Details	6	3	0
Dining Reservation	3	0	0
Travel Agent	3	0	0
Reservation	6	1	0
Reservation Leg	0	2	0
Address	5	0	0
Amenity	3	0	0
Reservation Logical Leg	5	0	0

Viewing Information within a tab

The searched results are shown in its respective tab according to the system's data fields. Below steps describes ways to view the search information for the period.

Figure 6-3 Information on Reservation/Guest Tab

The screenshot shows the 'Reservation/Guest' tab selected in the 'Search Result' window. It displays two sections: 'Reservation/Guest - Total Records = 2' and 'Change Details - Total Records = 6'. The 'Reservation/Guest' section shows two records with 'Update' status. The 'Change Details' section shows a comparison of fields before and after a change.

Internal ...	Modify Date	Last Name	First Name	STATUS	Cabin	Group ID	Reservation ...	Embarkatio ...	Disembark...	Off Board
> 943962	11-Mar-16 11:...			Update			RR	16-Mar-16	16-Mar-16	
943962	11-Mar-16 11:...			Update			RR	16-Mar-16	16-Mar-16	

ie	Last Name	Cabin	Booking#	Reservation Status	Field	Before	After	Last Modify Date
>			4073	RR	Booking#			11-Mar-16 11:29:12 AM
			4073	RR	Passport #			11-Mar-16 11:29:12 AM
			4073	RR	Disembarkation Date	2020-02-17 00:00:00	2016-03-16 00:00:00	11-Mar-16 11:29:12 AM
			4073	RR	Embarkation Date	2016-02-17 00:00:00	2016-03-16 00:00:00	11-Mar-16 11:29:12 AM

1. From the ResOnline Viewer main window, select a tab to view. Searched results and all the changes are shown.
2. The **Update** status of the Reservation records section represents the latest update. The changed value from before and after are reflected in the **Change** details section.

3. Use the **Update Fields Filter Selection** to filter the information to display at the Change details section. Use the **Check All** or **Uncheck All** option to select or deselect all fields. The view can be saved as a template for future use. See [Setting Up User Definable Template](#) on how to save a template view.
4. Check the **Show Highlighted Details** to view the highlighted records in the Change Details section.
5. Click the **Load** button to refresh the information.

Viewing Tab Information using Built-In Filter Control

The program is pre-installed with a Built-in Filter Control function that allows you to re-order the information presented.

1. At the selected tab, right-click the header bar to open the **Built-in Filter Control**.
2. Choose an option from the menu to re-order the presentation of the information.

Figure 6-4 Built-In Filter Controls

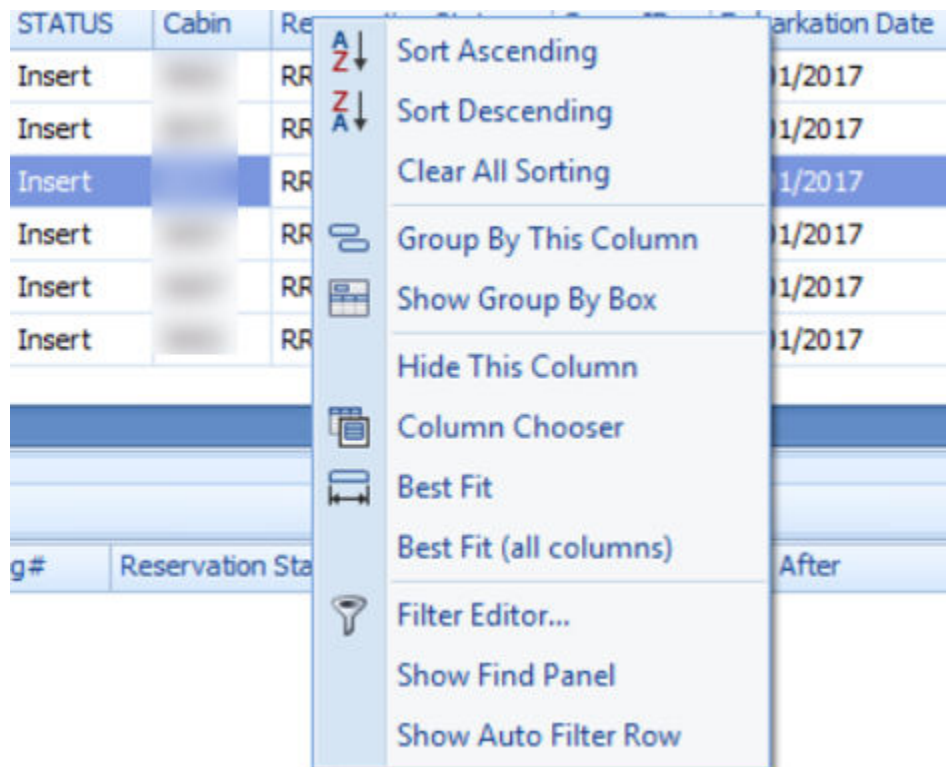


Table 6-3 Built-In Filter Controls

Function	Description
Sort Ascending	Re-orders the column to display in ascending order.
Sort Descending	Re-orders the column to display in descending order.

Table 6-3 (Cont.) Built-In Filter Controls

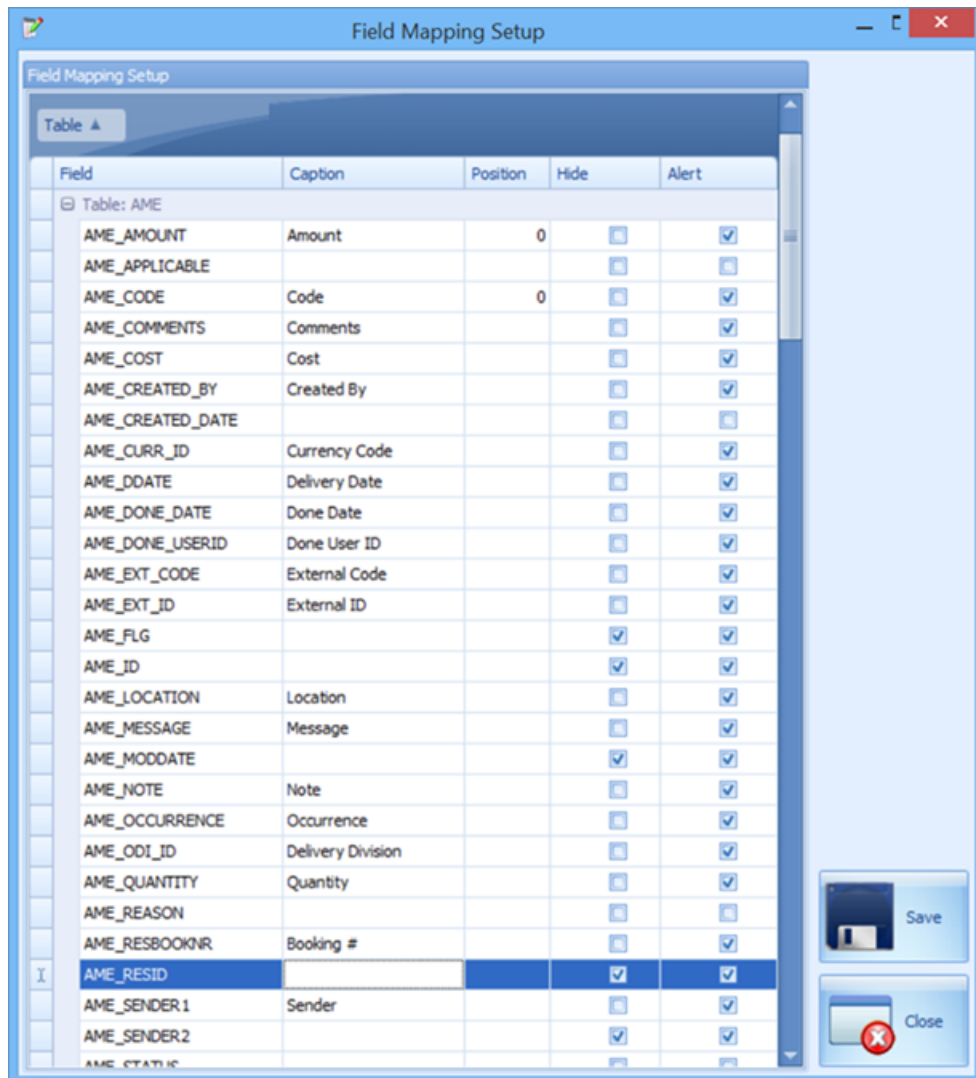
Function	Description
Clear All Sorting	Removes the column sort order.
Group by this column	Select the group and displays in tree view.
Show Group by box	Hides the tree view pane above the column header.
Hide This Column	Permits you to hide the column from the table.
Column chooser	Permits you to choose, remove a field or insert hidden fields into the header.
Best Fit	Auto fit selected column according to header name.
Best Fit (all columns)	Auto fit all columns according to header name.
Filter Editor	Filters the search by field name, date selection, user ID and others using queries such as "And", "Or" and others.
Show Find Panel	Starts a keyword search bar.
Show Auto Filter Row	Shows the auto filter row separate from the list of other row.

Configuring a View with Field Mappings

By default, all fields are shown in the available tabs. The Field Mappings function allows you to customize the tab view.

1. Click the **Field Mappings** button at the ribbon bar, and then click the '+' sign next to the table name in the field mapping setup window.
2. The actual database fields name are shown on the table. Click the **Caption** field to rename the labels.
3. Enter a number in the **Position** field to re-order the column display if desired.
4. Check the **Hide** box to hide the field from the view.
5. Check the **Alert** box to push out a change notification to relevant parties when there are changes during reservation import. This alert notification is based on the setting defined in ResOnline Interface setting.
6. Click the **Save** button and then the **Close** button to exit the setup window

Figure 6-5 Field Mapping Setup Window



7. Click the **Load** button at the ribbon bar to refresh the information if you have chosen a user define template.

Searching Information using Search XML

The reservations data are usually imported from the shore-side system using an XML file format, the Search XML function is used to search these content.

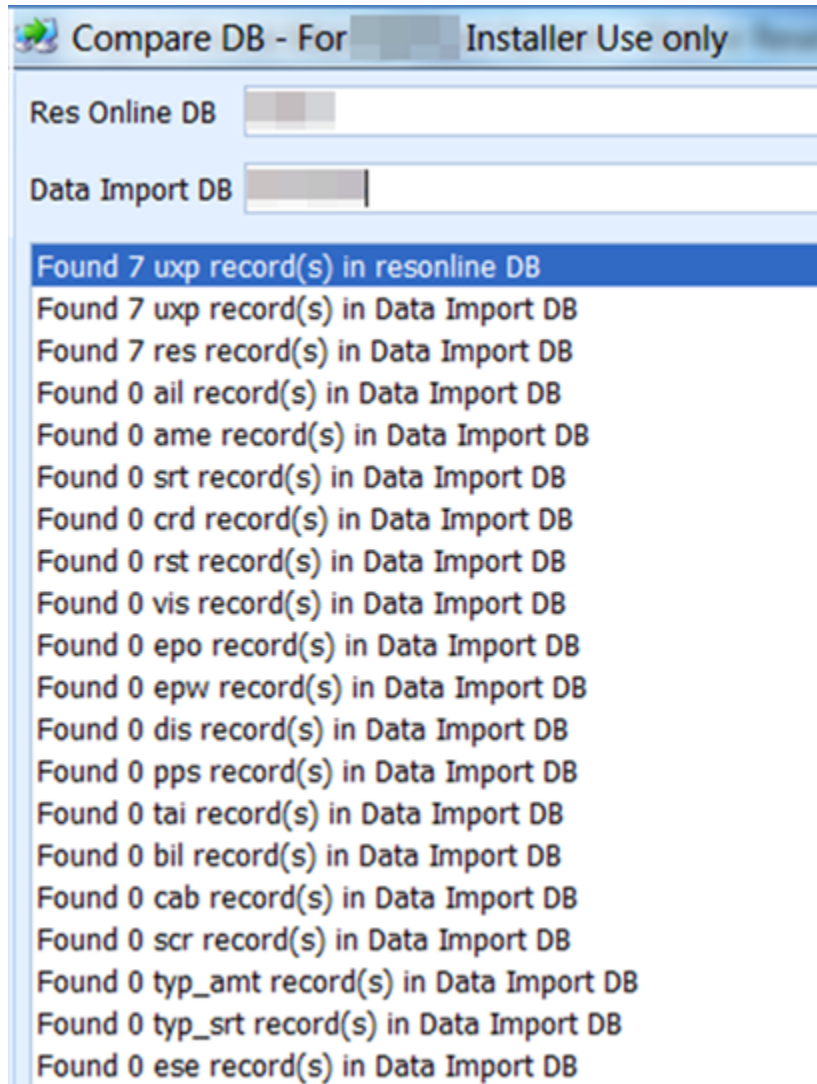
1. At the ribbon bar, click the **Search XML** button to open a search window.
2. Enter the **Reservation ID** or **Cabin number** in the search string, or any information in the XML file, and then click the **Search XML** button.
3. The number of records and the detailed contents is shown on the window.
4. Click the **Search within Content** button to narrow down the information.
5. Click the **Close** button to exit.

Comparing the Database

Since the reservations data are usually imported using DGS ResOnline program, the Compare DB tool is used to compare the imported data with ResOnline Data for variance prior to importing them to the ship production database. This function is for the use of SPMS Application Specialist.

1. At the ribbon bar, click **Compare DB** button to open a database comparison window.
2. Enter the source database in **ResOnline database name** field, the password in **DB Password**, and then select the **Date** from the drop-down list.
3. Repeat the same for the destination database in the **Data Import DB** field.
4. Click the **Compare DB** button.
5. Results are shown at the end of the process. If there are variances, check and update the record from the external system, and then re-import the reservation data.

Figure 6-6 Sample Data Comparison Records



- Click the **Close** button to exit.

Importing Reservation Data

The Import Reservation Data function allows you to import the last minute reservations, pre-paid gift card sales and reservation changes received in an XML file format.

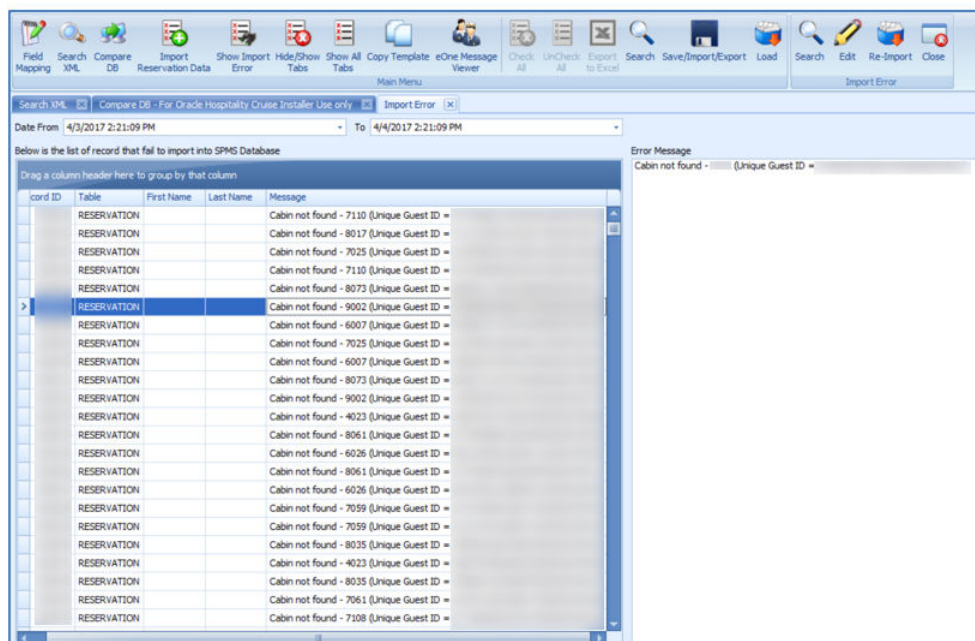
- Click the **Import Reservation Data** button.
- Locate the XML file using the window explorer.
- Click the **Open** button to start the import process. The system prompts the number of records updated/imported, and the import progress and records processed are shown in **DGS ResOnline** program.

Verify Imported Data

The Show Import Error function enables you to search for any error reported when importing the data.

- Click the **Show Import Error** button at the ribbon bar.
- Enter the **Date From/To**, and then click the **Search** button. Error messages are displayed, if any.

Figure 6-7 Import Error Window



- To correct the errors, select the line item to edit, and then click the **Edit** button.
- Edit the description in the **Error Message** box, and then click the **Re-Import** button.

Defining Tabs to Hide/Show

By default, all available tabs are presented on the main window. If these tabs are not relevant to users currently login, you can hide them using the Hide/Show Tabs function.

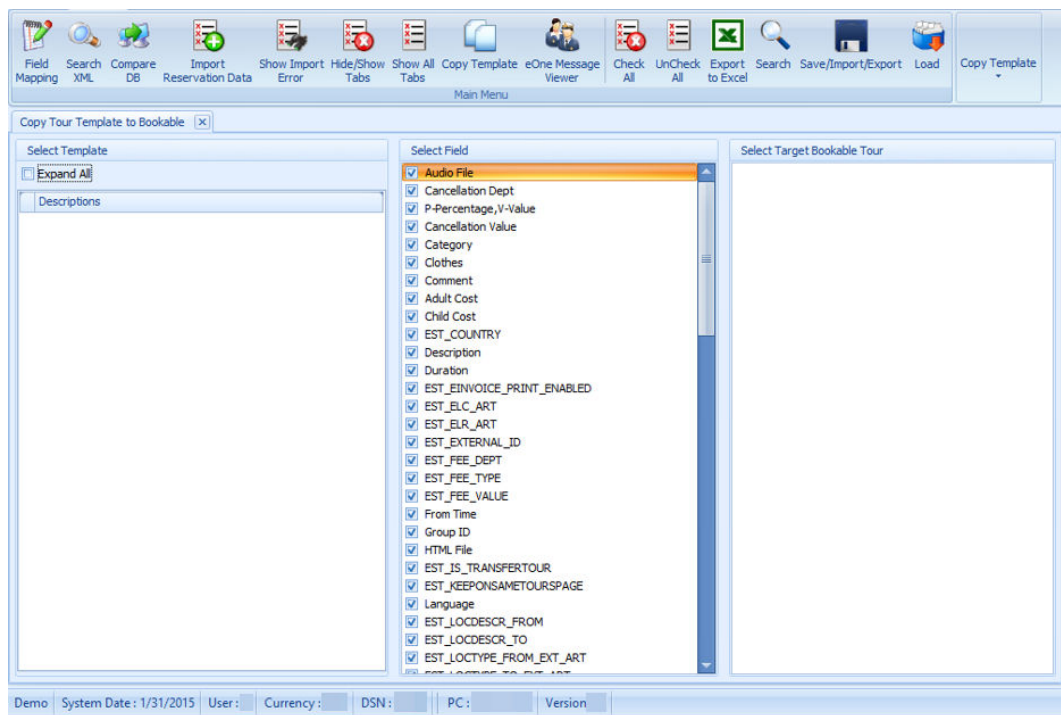
1. Click the **Hide/Show Tabs** button at the ribbon bar.
2. Select the tabs to hide by deselecting the respective check box and click the **Save** button.
3. To reset the view to its original presentation, click the **Show All Tabs** button or manually select the tabs to show/hide using the **Hide/Show Tabs** option. Alternatively, you may use the **User Define Template** option to define a view for all users. See [Setting Up User Definable Template](#) for more details.

Copy Template

The Copy Template is a function that pushes an update made to Bookable Template into multiple bookable tours, enabling user to change the bookable tour information within ResOnline Viewer instead of individually updating the tours in Shore Excursion module.

1. Click the **Copy Template** button at the ribbon bar.

Figure 6-8 Copy Tour Template Window



- **Select Template:** All bookable Templates currently loaded in the system, sorted by Port Name.
- **Select Field:** All fields available to be copied/update from the template to the bookable.
- **Select Target Bookable Tour:** All bookable tour currently loaded in the system with service date and starting time.

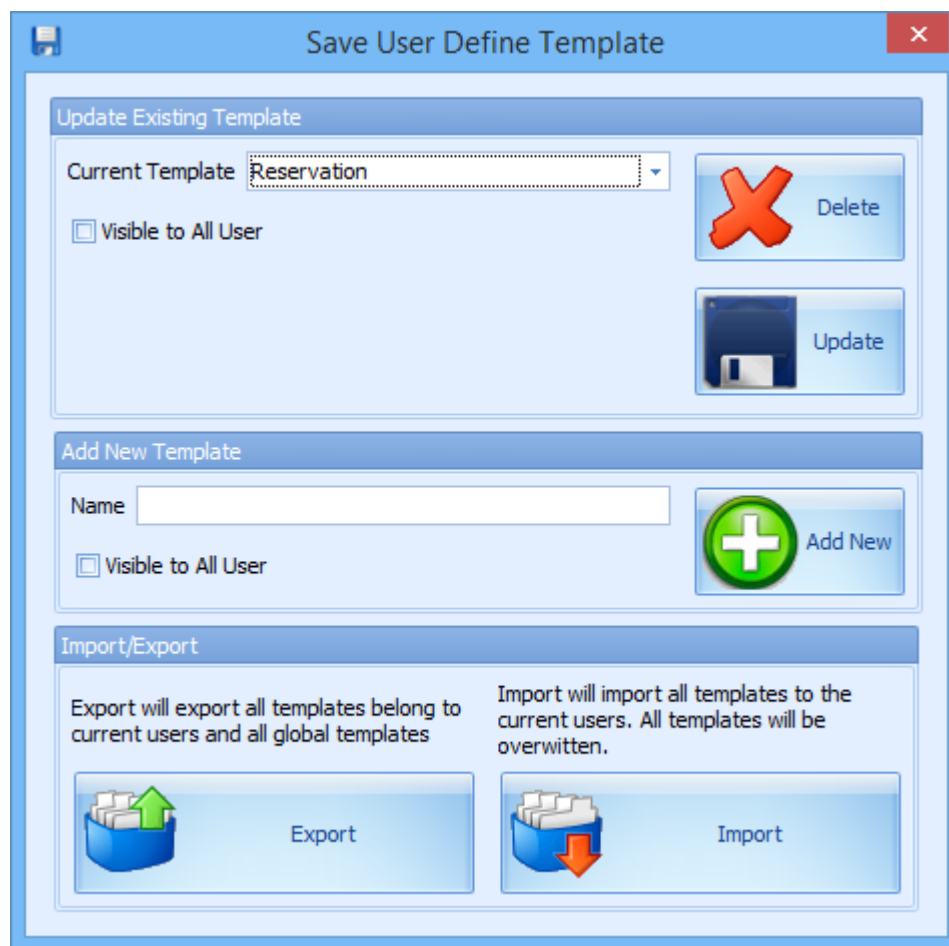
2. At the Copy Tour Template window, select the template to copy by selecting the fields from **Select Field** panel, and then mark the **Target Bookable Tour**.
3. Click the **Copy** button to complete the process and then click the **Close** button to exit.

Setting Up User Definable Template

An enormous amount of information is presented upon login and you may choose to hide/show certain information in the window using this function. These templates are exportable for use on other vessels.

Adding New Template

Figure 6-9 User Definable Template Function



1. Click the **Save/Import/Export** button at the ribbon bar.
2. Enter a template name under **Add New Template**.
3. Check the '**Visible to All User**' if the template is available to all users.
4. Click the **Add New** button.

Updating an Existing Template

1. Repeat the steps above 1 and 2 of Adding New Template.
2. Select the **Current Template** from the drop-down list.
3. Click the **Update** button to save the changes.

Exporting Existing Templates

1. Click the **Save/Import/Export** button at the ribbon bar.
2. Click the **Export** button and choose a destination to save to, and then click the **Save** button.

Importing Existing Templates

1. Click the **Save/Import/Export** button at the ribbon bar.
2. Click the **Import** button and select the XML file from the folder where the template is stored, and then click the **Open** button.
3. The system insert a new template or overrides the existing, if any.

Deleting Existing Template

1. Click the **Save/Import/Export** button at the ribbon bar.
2. Select the template to delete from the **Current Template** drop-down list.
3. Click the **Delete** button to confirm.

eOne Message Viewer

This function allows you to view the data transferred from/to SPMS through the eOne Interface using the Microsoft Message Queue (MSMQ). The information displays in each of the tab varies although the steps to obtain the information are the same

Table 6-4 MSMQ Message Type

MSMQ Message	Description
eOne Incoming Message:	Displays all incoming messages received from eOne Interface.
eOne Outgoing Message:	Displays all changes sent to eOne Interface. For example update of name, embarkation/ disembarkation date, check-in, when synchronization is performed and others.
eOne Error Message:	Displays all messages of records that were not processed during synchronization.

Viewing Incoming, Outgoing or Error Messages from EONE

Below are the steps to view incoming messages sent from eOne.

1. At the ribbon bar, click the **eOne Message Viewer**.
2. In the eOne Message form, enter the sequence number in **From Message No** and **To Message No** field.
3. Specify the **Employee Number** if you wish to show a specific crew account.

4. Select the **Message Type** from the drop-down list or leave as default.
5. Click the **Search** button to display the detail messages on respective window.

ResOnline Import Errors

This section describes the common error messages encountered during Data Import.

Reservation Not Found

This error message *“Reservation not found – xxxxxxxxxxx (Unique Guest ID= xxxxxxx)”* occurs when the guest information received does not exist in the SPMS system.

ID Does Not Exist

The *“ID Does Not Exist in [Typ table] (Unique Guest ID= xxxxx) “* error occurs when the Code/ID of certain fields are either different from what was stored in the database or does not exist in SPMS.

Cruise Not Set Up

The *‘No Changes = leg_id = xxxx, cruise not setup(Unique Guest ID= xxxxxx)’* error is a warning error. This occurs when the imported shore excursion booking for the next cruise is not set up in the System Cruise setup and is a reminder for you to setup the next cruise for data to be imported.