Oracle® Hospitality Cruise Shipboard Property Management System EBorder UK Interface User Guide





Oracle Hospitality Cruise Shipboard Property Management System EBorder UK Interface User Guide, Release 20.3

F59792-01

Copyright © 1995, 2022, Oracle and/or its affiliates.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs (including any operating system, integrated software, any programs embedded, installed or activated on delivered hardware, and modifications of such programs) and Oracle computer documentation or other Oracle data delivered to or accessed by U.S. Government end users are "commercial computer software" or "commercial computer software documentation" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, reproduction, duplication, release, display, disclosure, modification, preparation of derivative works, and/or adaptation of i) Oracle programs (including any operating system, integrated software, any programs embedded, installed or activated on delivered hardware, and modifications of such programs), ii) Oracle computer documentation and/or iii) other Oracle data, is subject to the rights and limitations specified in the license contained in the applicable contract. The terms governing the U.S. Government's use of Oracle cloud services are defined by the applicable contract for such services. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle, Java, and MySQL are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Inside are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Epyc, and the AMD logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information about content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services unless otherwise set forth in an applicable agreement between you and Oracle. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services, except as set forth in an applicable agreement between you and Oracle.

Contents

F	Prerequisites, Supported Systems, and Compatibi
(System Parameters
-	
(System Configuration
(Creating Arrival/Departure Notice



Preface

The eBorder UK module is a program that manages the electronic Notice of Arrival/Departure of the vessel movement to the National Vessel Movement Centre (NVMC) outlined by the United Kingdom Government.

Audience

This document is intended for Ship's System Administrator and/or Application Specialists of Oracle Hospitality Cruise Shipboard Property Management System (SPMS).

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
- Screen shots 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/cruise.html.

Revision History

Table 1 Revision History

Date	Description of Change
September 2022	Initial publication.



Prerequisites, Supported Systems, and Compatibility

This section describes the minimum requirements for the EBORDER UK module.

Prerequisites

- Administration.exe
- Crew.exe
- eBorder UK.exe
- Management.exe

Supported Operating System

• See Compatibility Matrix at http://docs.oracle.com/en/industries/hospitality/.

Compatibility

SPMS version 20.3 or later. For customers operating on version 20.3 and below, a database upgrade to the recommended or latest version is required.



1

System Parameters

This section describes the available parameters for the EBORDER UK module which is accessible in **Administration module**, **System Setup**, **Parameter**.

Table 1-1 PAR Group EBORDER UK

PAR Name	PAR Value	Description
Default to FNU on blank UXP_A_FSTN or FIRST_NAME	1	1 – If the First Name is null, it defaults <first_name> to FNU</first_name>
		0 – Disable. The First Name field must not be empty.
FIELDS TO STRIP	[element]	Comma Separated XML Field Name(s). These field(s) will be stripped of invalid characters according to parameter setting "STRIP INVAL CHAR"
		for example, LAST_NAME, FIRST_NAME, ID_NUM, US_ADDRESS_ STREET, US_ADDRESS_CITY, US_ADDRESS_STATE , US_ADDRESS_STATE_ABBR, US_ADDRESS_ZIP
File Output Folder	[path]	Allows output file to be saved to a user-defined folder. For example, C:\temp\apis\enoad
Foreign Voyage Type	[voyage type]	Specify the Foreign Voyage Type options to be displayed in eBorder UK. Use Comma Delimited for example, Foreign to UK, UK to Foreign
Include VOYAGE_NUMBER During Submission		Voyage Number: 1 - Time Stamp, 2 - Cruise external system identifier 0 - Null/ or <blank></blank>
Mandatory Birthdate Field	1	1 – Enable the birthdate field as mandatory0 – Disable birthdate field for guests/crew handling
Mandatory Fields For <arrive></arrive>	[element]	Specify the mandatory XML field for <arrive>. Use Comma Delimited values. For example, ARRIVE DT, ARRIVE TIME, PORT NAME</arrive>
Mandatory Fields For <cargo></cargo>	[element]	Specify the mandatory XML field for <cargo>. Use comma Delimited values. for example, GENERAL_DESC, CDC_ON_BOARD</cargo>
Mandatory Fields For <comp_cert></comp_cert>	[element]	Specify the mandatory XML field for <comp_cert>. Use Comma Delimited values. for example, ISSUED_DT, EXPIRATION_DT, AGENCY</comp_cert>

Table 1-1 (Cont.) PAR Group EBORDER UK

PAR Name	PAR Value	Description
Mandatory Fields For <contact></contact>	[element]	Specify the mandatory XML field for <contact>. Use Comma Delimited value.</contact>
		For example, NAME, PHONE
Mandatory Fields For <crew></crew>	[element]	Specify the mandatory XML field for <crew> Use comma delimited values</crew>
		for example, POSITION, LAST_NAME, FIRST_NAME, BIRTH_DT, GENDER, NATIONALITY, NATIONALITY_CODE, COU NTRY_RESIDENCE, COUNTRY_RESIDENCE_CODE, I D_TYPE, ID_NUM, ID_COUNTRY, ID_COUNTRY_COD E, EMBARK_COUNTRY, EMBARK_COUNTRY_CODE, EM BARK_STATE, EMBARK_PORT_NAME, EMBARK_PORT _CODE, EMBARK_DATE
Mandatory Fields For <depart></depart>	[element]	Specify the mandatory XML field for <depart>. Use comma delimited values</depart>
		<pre>for example, DEPART_DT, DEPART_TIME, PORT_NAME</pre>
Mandatory Fields For <issc></issc>	[element]	Specify the mandatory XML field for <issc>. Use comma delimited values.</issc>
		<pre>for example, ISSUED_DT, VSP_IMPLEMENTATION, ISSC_TYPE, INTERIM_ISSC, FLAG_ADMINISTRATION, FLAG_A DMINISTRATION_CODE, CSO_NAME, CSO_PHONE</pre>
Mandatory Fields For <last_port></last_port>	[element]	Specify the mandatory XML field for <last_port>. Use comma delimited values.</last_port>
		for example, ISSUED_DT, VSP_IMPLEMENTATION, ISSC_TYPE, INTERIM_ISSC, FLAG_ADMINISTRATION, FLAG_A DMINISTRATION_CODE, CSO_NAME, CSO_PHONE
Mandatory Fields For <next_port></next_port>	[element]	Specify the mandatory XML field for <next_port>. Use comma delimited values.</next_port>
		<pre>for example, ARRIVE_DT, ARRIVE_TIME, NEXT_PORT_CODE, SU BSEQUENT_PORT_CODE</pre>
Mandatory Fields For <noncrew></noncrew>	[element]	Specify the mandatory XML field for <noncrew>. Use comma delimited values.</noncrew>
		for example, LAST_NAME,FIRST_NAME,BIRTH_DT,GENDER,NA TIONALITY,NATIONALITY_CODE,COUNTRY_RESI DENCE,COUNTRY_RESIDENCE_CODE,US_ADDRESS _STREET,US_ADDRESS_CITY,US_ADDRESS_ZIP
Mandatory Fields For <noncrew> 1</noncrew>	[element]	Specify the mandatory XML field for <noncrew>. Use comma delimited value. for example, EMBARK_COUNTRY, EMBARK_COUNTRY_CODE, EMBA RK_STATE, EMBARK_PORT_NAME, EMBARK_PORT_C ODE, EMBARK_DATE</noncrew>



Table 1-1 (Cont.) PAR Group EBORDER UK

PAR Name	PAR Value	Description
Mandatory Fields For <notice_details></notice_details>	[element]	Specify the mandatory XML field for <notice_details>. Use comma delimited value.</notice_details>
		<pre>for example, CREATED_DATE_TIME, NOTICE_ID, NOTICE_TRAN SACTION_TYPE, NOTICE_TYPE, VERSION</pre>
Mandatory Fields For <previous_foreign_port_ LIST></previous_foreign_port_ 	[element]	Specify the mandatory XML field for <previous_foreign_port_list>. Use comma delimited values.</previous_foreign_port_list>
		for example, ARRIVAL_DT, DEPARTURE_DT, PREVIOUS_COUNTR Y, PREVIOUS_COUNTRY_CODE, PREVIOUS_PORT_N AME, PREVIOUS_PORT_CODE, PREVIOUS_PLACE
Mandatory Fields For <reporting_party></reporting_party>	[element]	Specify the mandatory XML field for <reporting_party>. Use Comma Delimited values. For example, NAME, EMAIL, COMPANY</reporting_party>
Mandatory Fields For <sftymgmt_cert></sftymgmt_cert>	[element]	Specify the mandatory XML field for <sftymgmt cert="">. Use comma delimited values.</sftymgmt>
COLUMN TOTAL		for example, ISSUED_DT, EXPIRATION_DT, AGENCY
Mandatory Fields For	[element]	Specify the mandatory XML field for <vessel>. Use comma delimited.</vessel>
		for example, NAME, CALL_SIGN, ID_NUM, ID_TYPE, FLAG, FLAG _CODE, OWNER, OPERATOR, CLASS_SOCIETY, CHAR TERER, OCE, OCE_DESC
Mandatory Fields For <vessel_loc></vessel_loc>	[element]	Specify the mandatory XML field for <vessel loc="">. Use comma delimited value.</vessel>
		for example, LOCATION_DESC, LAT_HR, LAT_MIN, LAT_SEC, N_ S, LONG_HR, LONG_MIN, LONG_SEC, E_W
Mandatory Fields For <voyage></voyage>	[element]	Specify the mandatory XML field for <voyage>. Use comma delimited.</voyage>
		for example, VOYAGE_TYPE
Mandatory First Name Field	1	1 - First Name Mandatory for expected crew or passengers
		0 – Not mandatory for First Name
		Only crew/passenger records that contain this information is included in ENOAD Manifest submission when expected crew/passenger is chosen during file creation.



Table 1-1 (Cont.) PAR Group EBORDER UK

PAR Name	PAR Value	Description
Mandatory Gender Field	1	1 - Gender is mandatory for expected crew or passengers
		0 - Not mandatory for gender
		Only crew/passenger records that contain this information is included in ENOAD Manifest submission when expected crew/passenger is chosen during file creation.
Mandatory ID Field	1	 1 - Passport (or other form of identification) is mandatory for expected crew or passengers.
		0 – Not mandatory for passport
		Only crew/passenger records that contain this information is included in ENOAD Manifest submission when expected crew/passenger is chosen during file creation.
Mandatory Last Name Field	1	1 - Last Name is mandatory for expected crew or passengers
		0 – Not mandatory for last name
		Only crew/passenger records that contain this information is included in ENOAD Manifest submission when expected crew/passenger is chosen during file creation.
Mandatory Nationality Field	1	1 - Nationality is mandatory for expected crew or passengers
		0 – Not mandatory for nationality
		Only crew/passenger records that contain this information is included in ENOAD Manifest submission when expected crew/passenger is chosen during file creation.
Manifest Submission Tracker	[path]	If specified, a Tracker File is created with matching XML File Name; for example, C:\Temp\APIS\Enoad. Else, the default path is C:\Users\Public\Documents\Oracle Hospitality Cruise\eBorderUK
STRIP INVAL CHAR	<ascii code=""></ascii>	Comma Separated ASCII Code(s)
		Specify the non-alphanumeric characters (in ASCII Code) that will be stripped from the passenger/crew records section in the ENOAD Manifest. Specify the fields to which this handling needs to be applied in FIELDS TO STRIP parameter.
		for example, 33,35,36,37,38,42,61,91,93,94,123,125
Source Column For Record Locator	[value]	Specifies the Database Column Used for <passenger_record_locator></passenger_record_locator>
		For example, RES_ACC



Table 1-1 (Cont.) PAR Group EBORDER UK

PAR Name	PAR Value	Description
UNSUBMITTED NONCREW	[element]	Comma Separated XML Field Name(s)
FIELDS		Specify the XML elements that should have their value left empty even if the information exists. This should only be done for non-mandatory fields that are known to contain data not formatted to NVMC specifications.
		for example, US_ADDRESS_STATE_ABBR
eBorderUK Web Service SOAPAction	[website]	Obtain from the relevant website the Web Service SOAP Action for the eBorderUK .
eBorderUK Web Service SOAPHeader	[website]	Obtain from the relevant website the Web Service SOAP Header for the eBorderUK.
eBorderUK Web Service URL	[website]	Obtain from the relevant website the Web Service URL for the eBorderUK.



System Configuration

This section describes the Operational Position Setup within the Administration module.

Operational Position Setup

An Operational Position is required in the Advanced Passenger Information System (APIS) for references and reporting, which is set up in the Administration module.

💪 Crew Operational Positions Setup Operational Position Courses/Certificates Assignment 101 Captain 1011 10000 Master 1012 🔬 102 Staff Captain Comments: 🔬 103 Safety Officer 104 1st Officer 105 2nd Officer 106 3rd Officer Additional Information 🔬 107 Cadet Officer Position Code in CMS Shoreside: 11-A TEST External ID: 🕼 111 Chief Engineer Standard Cabin: 112 Staff Engineer 🔬 113 1st Engineer Spending Limit: 114 2nd Engineer Service Charge Points Per Position: 🐪 115 3rd Engineer Position Rank: 🐊 116 Cadet Engineer 🔬 117 Hotel Engineer Operational Division: 110 Engine Officer • 🙀 119 Chief Electrician Operational Group: • 122 Communication Officer 126 Hotel Manager Headcount: 127 1st Purser TEST: 128 1st Purser Disc Template: (None) • 129 3rd Purser Allowance 🞧 129a Service Purser 130 Cadet Purser 130A Cadet Purser \Crew Purser C Weekly C Bi-Weekly 131 2nd Commis.(Crew) 🔬 136 Accounting Mgr APIS Reference 136a 3rd Purser\Accounting Mgr 136b 2nd Purser\Accounting Mgr Crew Duty (CARICOM): Master 137 IT Systems Manager Crew Duty (Other APIS): Master 🔬 138 Crew Purser 138A Cadet Purser Time Attendace Sublocations for ClockIn/Out Common Area Access 138B 3rd Purser\Crew Purser 111 Hello • 139 Asst. Office 110-LocC 110-LocC 140 Chief Hostess AA HouseA HouseA 140A Guest Relations Manager ▼ Position Enabled 🔬 141 Info Hostess 141A Concierge 🐪 141B Info Host 141a Info Host 142 Asst.Info Hostess Cancel Apply

Figure 2-1 Crew Operational Position Setup

- Log in to Administration module and select Crew Setup, Operational Position from the drop-down list.
- Right-click and select Add to create a new Operational Position or select from the existing list.

- 3. Navigate to the Operational Position tab and enter the **Position code**, description and comment.
- **4.** Under the **Additional Information** section, select the Operational Division from the drop-down list.
- 5. Under the APIS Reference section,
 - a. Define the Crew Duty (CARICOM) position
 - b. Define the Crew Duty (Other APIS) position
- 6. Click OK to save.

APIS XML Setup

You must upload the related APIS XML files into the SPMS database. The affected tables are below:

Table 2-1 APIS File List

Description	XML File	Table
Description	ANIL FIIE	Table
Agency List	Agency_List.xml	SCA
CARICOM Port	CARICOMPORTS.xlsx	CCP
Crew Type List	Crew Type List	CWT
Foreign Port List	Foreign_Port_List.xml	FPL
International Ship Security Certificate Recognized Security Organization (RSO)	RSO.xml	RSO
Port Code	PortCode.csv	PCO
UK Port List	Port_UK_List.xml	UKP

- 1. Place all the XML files in \Public Documents\Oracle Hospitality Cruise folder for the respective data to be updated into the database.
- 2. The system prompts an error message when opening the eBorderUK setup if a mismatch is found in the position or crew type maintained in the Administration module and the Crew Type.XML file.
- **3.** Ensure all the required Operational Position is in the XML file before generating the report. Click **OK** to continue.
- 4. Review and correct all the invalid data listed in the log file.



Figure 2-2 Sample Invalid Crew Record

Ship Information Setup

To generate a report, you must first setup the Ship information in the EBorder UK application.



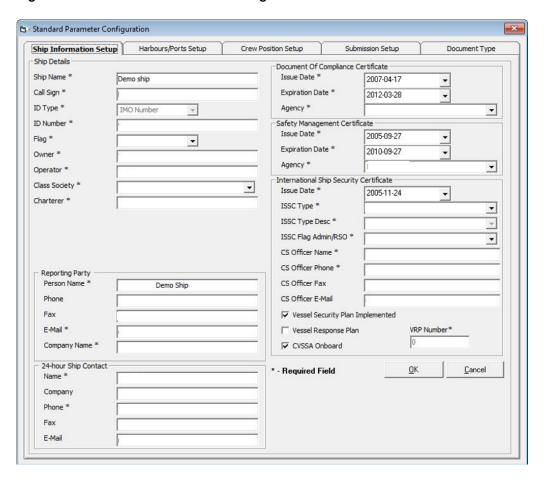


Figure 2-3 Standard Parameter Configuration Window

- 1. Run the EBORDER UK.exe.
- 2. Select **EBORDER UK Setup** from the **EBORDER UK Transfer**.
- **3.** At the **Ship Information Setup** tab, enter the ship's information.
- 4. Click **OK** to save.

Port Setup

The Port Setup is differentiated by the symbols used and stored in the XML files. For example, the ISO Port Code for Dover has "#" and "<". This means the ISO Port is shown in the **Standard Parameter Configuration**, **Harbours/Ports Setup**, **ISO Port Codes** and eNOAD Port. See the following table and figures for symbol use in the port setup.



Figure 2-4 Harbours/Ports Setup

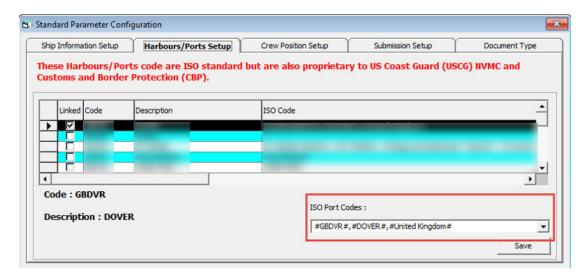


Table 2-2 APIS Port Type and Symbols

Port Type	Symbol
CARICOM Port	۸
eNOAD Port	<
Panama Canal ADR Port	-
eBorder UK Port	#

Submission Setup

The Submission Setup window where you define the WebService Submission path that supports manual report generation and online submission. You are to obtain the URL from your agent/representative.

- Web Services Submission Token String
- Web Services Submission URL Address
- Web Services Submission SOAP Header
- · Web Service Submission SOAP Action

Transfer Folder Setup

A transfer folder is required when generating the report file. Manually create the folder and then enter the path in **Parameter**, **File Output Folder** if you wish to save the file to a default location. If none is defined in the Parameter, the system defaults the folder to C:\Users\Public\Documents\Oracle Hospitality Cruise\[Folder].

If the Transfer folder does not exist, the system prompts an error message 'Invalid path [path]'.

Document Type Setup

You must map the Document Types accepted in SPMS with a correct EBORDER UK code.



- Log in to the Administration module.
- Select Administration, System Codes and the Document Types from the menu option.
- 3. Select the document and in the APIS <ID_TYPE> Mapping field, enter the system coded document type. See Table A-1 for more information.
- 4. Click **OK** to save.

Document Type Layout

Figure 2-5 Document Type Layout

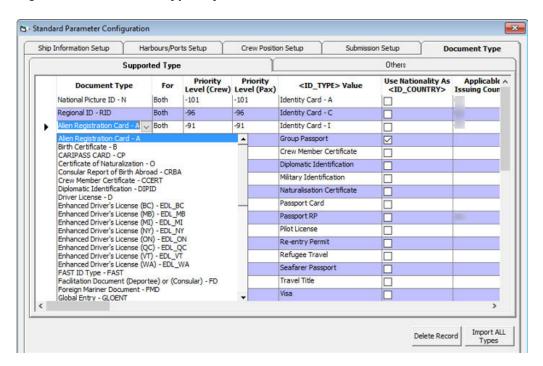


Table 2-3 Document Type Field Definition

Field Name	Description
Document Type	The type of document required by e-Border.
For	Select "Both" if the document type is applicable to crew and guest, or individually if it applies to only one type of passenger.
Priority Level (Crew/Pax)	Define the Priority level of the document if there is more than one type of document. The smallest number has the highest priority.
<id type=""> Value</id>	Defines the value to default in the Manifest for the selected document type.
Use Nationality As <id_country></id_country>	Defaults the nationality country into <id_country> element.</id_country>



Table 2-3 (Cont.) Document Type Field Definition

Field Name	Description
Applicable Issuing Country	The system checks the document against the issuing country and defines the country code for the document type. If it matches, if will then default the document details onto the manifest. Otherwise, it will be blank.

- 1. At the Standard Parameter Configuration screen, select the Document Type tab.
- 2. Define the type of document required by E-Border by selecting the last row marked with a Aasterisk (*).
- 3. Select the **Document Type** from the drop-down list.
- **4.** Click on the field to edit the row information if required. If the Nationality code is use as a Country ID, check the corresponding check box.
- 5. To remove a record, select the desired row and then click **Delete Record**.



Creating Arrival/Departure Notice

The following section describes the steps to create the EBORDERUK file for submission.

- Run EBORDER UK.exe.
- 2. Select eBorderUK Transfer, eBorderUK File Creation from the menu option.
- At the Create Arrival/Departure Notice screen, update all the fields required by e-Border and then click Next.
- 4. Select and update all the mandatory fields in **Default Embarkation Port**, including the information of previous five ports and then click **Next**.
- At the result grid, click Validate Data to validate and ensure all information is sufficient for submission.

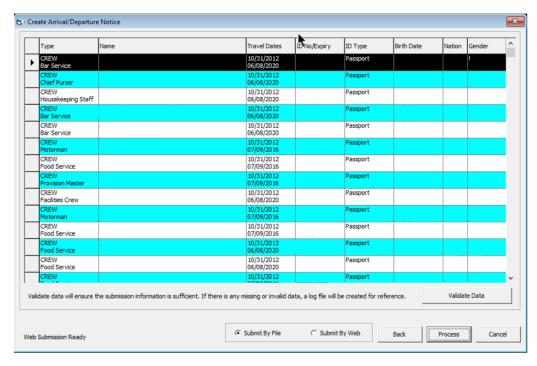


Figure 3-1 Create Arrival/Departure Notice Validation

- 6. The system creates and saves the log file in the C:\Temp\APIS\EBORDERUK folder if the information supplied is insufficient. Review the log file and correct all missing data then repeat the above steps.
- 7. If all the mandatory information is supplied and the data validation completes successfully, the systems prompt a confirmation message **There is no missing/incorrect data.** Do you with to proceed to file submission?.
- 8. Click **Yes** on the confirmation prompt to continue.
- 9. Select to submit the report either by file or web, and then click **Process**.

10. The system prompts a message box once the submission is successful. Click ${\bf OK}$ to close the screen.





A Appendix

The following section lists the mapping codes available to eBorderUK and the user access rights.

Document Type Mapping Fields

Table A-1 eBorderUK Document Type

on Card Picture I) Birth Abroad Picture
Picture 1) Birth Abroad
1) Birth Abroad
1) Birth Abroad
Birth Abroad
Picture
Picture
Picture
nt (Deportee)
ument
Picture
Picture
ni F

Table A-1 (Cont.) eBorderUK Document Type

Code	Description	Document Types
MMC	U.S. Merchant Mariner Credential	U.S. Merchant Mariner Credential
MMD	Merchant Mariner Document	U.S. Merchant Mariner Document
N	National Picture ID	Government Issued Picture ID(US)
NEXUS	Nexus	Nexus
NTV_US	Native American	Native American
0	Certificate of Naturalization	Certificate of Naturalization
OD	Official Government Document	Official Government Document
P	Passport	Passport Number
PPC	Passport Card	Passport Card
R	Residence Permit	Residence Permit
RID	Regional ID	Government Issued Picture ID(US)
SENTRI	SENTRI	SENTRI
SFR	Seafarer's Identification Document	Seafarer's Identification Document
TP_RFG	TP - Refugee Travel Document	TP - Refugee Travel Document
TRANS	Transportation Worker Identification Credential	Transportation Worker Identification Credential
TRBC	Tribal Card (IC)	Tribal Card (IC)
TRBC2	Tribal Card (II)	Tribal Card (II)
TR_REE	TR - Permit to Re-enter	TR - Permit to Re-enter
ТТ	Travel Title	Government Issued Picture ID(US)
US_GID	Government Issued Picture ID(US)	Government Issued Picture ID(US)
US_PRC	U.S. Permanent Resident Card	U.S. Permanent Resident Card
CA_GID	Canada Government Issued Picture ID	Government Issued Picture ID (CANADA)
С	U.S. Government Issued Picture ID	Government Issued Picture ID(US)
V	U.S. Government Issued Picture ID	Government Issued Picture ID(US)

User Access Rights

Table A-2 User Access Rights

Security Reference Number	Description
3256	Ship Information Setup



Table A-2 (Cont.) User Access Rights

Security Reference Number	Description
3257	Harbour/Port Setup
3258	Crew Position Setup
3259	Submission Setup

