
DTRADE 2 Release Notes

in support of the **Defense Trade Web Application Version 2.1**

Directorate of Defense Trade Controls
Bureau of Political Military Affairs
U.S. Department of State
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Developed by:



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This document provides specific information for the latest release of the external DTrade application including its interface with the internal DTrade 2 system. The subsequent document includes new features/functionality, known software issues/limitations, and previous bug fixes. Please refer to this document prior to reporting any new bugs.

1.0 Minimum System Requirements

Software:

PureEdge™ Forms Viewer (Version 6.5) or Third Party Batch software (OCR Ease, MSR/eCustoms Visual License, or other custom application)
Adobe® Acrobat® 7 Standard
ACES Business Representative Digital Certificate
Microsoft Internet Explorer Version 5.01 or greater (128-bit Encryption and ActiveX enabled)
Java Runtime Environment (JRE) Version 1.5.0 06 or greater
Microsoft® Office® XP and earlier

Hardware:

Intel® Pentium® III processor or equivalent
Microsoft® Windows® 2000 (SP4); Windows Server® 2003 (SP1); XP Professional (SP2) or Vista™ Operating System
512MB of RAM
860MB of available hard-disk space

Desktop Settings:

ACES Digital Certificate inclusion in Internet Explorer Trusted Identities

2.0 Known External Application Bugs

This list covers the known issues and/or limitations with DTrade version 5.3 external Industry User interface.

BUG ID: DT2-EX-00003 - Inability to Track Status by 'Case Number' without using additional criteria

Industry User cannot select to query a case by solely entering the case number. He/she must also enter the correct form type and a valid date range.

BUG ID: DT2-EX-00004 - Inability to Track Status using 'License Officer' criteria

Industry User cannot select to query a case using the License Officer Name as criteria. This list has not been updated to include current DDTCL staff.

BUG ID: DT2-EX-00006 - Typographical Error in Additional Documentation listing

For the DSP-61 and DSP-73 supporting document upload, the word 'Briefing' is misspelled in the item Document Name > "Other Amplifying Data (e.g. Briefings, Proposals)".

BUG ID: DT2-EX-00007 - Conflicting document listing between DSP-5 and Additional Documentation upload

Although "Precedent Approvals" is not a selection in the list of Optional Documents on the PureEdge DSP-5 form, it is an allowable selection through Additional Documentation upload.

BUG ID: DT2-EX-00011 – Missing USML commodity on DSP-62

If the Industry User submits the incorrect DSP-62 PureEdge form then the USML category will not be displayed and the case may be Returned Without Action (RWA).

Resolution:

Industry users should download the latest PureEdge forms. Previous versions of PureEdge forms containing information in violation of current requirements will go directly into the Internal server's error folder.

BUG ID: DT2-ADD-00001 – License Value Displayed on External Status Screen

(Related to PR-DT-20090505-2351)

The user may experience an issue where the License Value as displayed on the external Status screen differs from that which was submitted (the actual License Value has been truncated). This is simply a display issue, and does not affect the content of the submission or the license.

Solution:

No work-around is necessary.

3.0 Known Bugs (Not Specific to Batch or PureEdge™)

This list covers the known issues and/or limitations with the DTrade2 version 2.1 web application. The issues are related to both Batch and PureEdge submissions.

BUG ID: DT2-PEBT-00001– Total License Value Only listed on generated PDF, regardless of why the Total License Value is changing

The Total License Value can be amended for two reasons: 1) there is a change in the Quantity and/or Unit Price, or 2) there is a change to the Total License Value only. If the Total License Value changes for either of these reasons, "License Total Value Only" will appear in the list of Summary of Amendments.

Solution:

No work-around is necessary. The user can ignore the list of amendment types provided in Block 8 of the signed license provided that the individual block information is displayed correctly. Code will be changed in the future to display only selected values.

BUG ID: DT2-ADD-00002– List of Amendment Types on signed DSP-6 and DSP-74 PDF licenses.

Related to PR-DT-20090513-2364.

Despite the amendment type(s) submitted by the user, the complete list of amendment type options is erroneously displayed on the signed PDF licenses for DSP-6 and DSP-74 forms.

Solution:

No work-around is necessary. The user can ignore the list of amendment types provided in Block 8 of the signed license provided that the individual block information is displayed correctly. Code will be changed in the future to display only selected values.

4.0 Known PureEdge™ Forms Bugs

This list covers the known issues and/or limitations with the DTrade2 version 2.1 PureEdge™ forms.

BUG ID: DT2-PE-00004 - Ability to bypass required PureEdge form fields

Industry Users are able to enter spaces as placeholders into required form fields, thereby bypassing the form completion rule set. Submissions containing this type of data input may cause uncertain internal application behavior.

BUG ID: DT2-PE-00005 – PureEdge ‘Specific Purpose’ field not exactly 4000 characters

For the DSP-5 and DSP-73 the Specific Purpose text input field does not allow the maximum 4000 characters if the Industry User uses certain formatting styles including carriage returns, tab and spaces.

5.0 Known Batch Specific Bugs

This list covers the known issues with DTrade2 version 2 Batch Validation. Please note, inverse rule sets checks are TCDI additions and are not in original Northrup Grumman batch rule set.

BUG ID: DT2-BT-00014 - Use of Special Characters

The use of Special Characters within the batch submission may cause unexpected results and result in a case being Returned Without Action.

Solution:

- Industry users should keep the “problematic” special characters list in mind when preparing batch files.
- Industry users should not use paragraph marks or tab marks inside of the fields.
- Industry users should not include spaces in the names of attachments; if a “space type” character is sought, the user can substitute the underscore character.

BUG ID: DT2-BT-00015 - Missing DSP-61 Error Message

If the application indicates that a commodity is NOT intended for another commodity, then description must not be provided.

Solution:

The Industry user must not provide data when they state that there is no data to be provided. Should the Industry user provided a description, it will not appear on the license.

BUG ID: DT2-BT-00020 – Associated Message Appears

When a submission is missing either the OriginalName or NewName, two messages appeared stating that the OriginalName and NewName must be the same. This only occurred when the information had to match.

Resolution:

The original issue had two parts, one of which was resolved and one of which is outstanding. One of the error messages is suppressed.

When a submission is missing either the OriginalCountry or NewCountry, two error messages appear stating that the OriginalCountry and NewCountry must be the same. This only occurs when the information must match.

Solution:

The original issue had two parts, one of which was resolved and one of which is outstanding. No work-around is necessary.

BUG ID: DT2-BT-00021 – Total Monetary Value Error Message

Valid batch submissions indicating a change in Commodity Quantity/Value may be ‘Rejected’ erroneously. The external interface rejects DSP-6 and DSP-62 cases when the submitter has indicated a Commodity Quantity change only.

-and-

DSP-74 cases are rejected when the submitter indicates either a Commodity Quantity change or a Commodity Value change; each being solitary.

Workaround:

In order for a DSP-6 and DSP-62 batch submissions to successfully pass the external server business rules, the Industry user must always indicate that both the Quantity and Unit Price are being modified although the intention is to modify the Commodity Quantity only.

When the intention is to update the Commodity Quantity only, the OriginalUnitPrice and NewUnitPrice values should be identical to each other.

-and-

In order for DSP-74 batch submissions to successfully pass the external server business rules, the Industry user must always indicate that both the Quantity and Unit Price are being modified although the intention is to modify the Commodity Quantity only or the Commodity Value only.

When the intention is to update the Commodity Quantity only, the OriginalUnitPrice and NewUnitPrice values should be identical to each other. When the intention is to update the Commodity Value only, the OriginalQuantity and NewQuantity values should be identical to each other.

For clarification, it is also advisable that the Industry batch submitter include verbiage in the Reason for Change stating the utilization of this workaround.

BUG ID: DT2-BT-00023 - OutOfBoundsException due to “Empty Set” Fields

(Previously referred to as **BUG ID: DT2-BT-00014**)

Schema is applied to “empty set” fields (such as <CommodityCode/ > or <StateCode/ >, resulting in a schema break.

Solution:

Industry users must ensure that submissions are free of fields with null values.

6.0 Resolved Issues: Known External Application Bugs

This list covers the issues previously cited in the DTrade2 version 2.0 Web Application Release Notes related to DTrade version 5.3 external.

BUG ID: DT2-EX-00001 - ‘Unexpected’ results for Track Status - Case Status

All of the available case statuses did not return the expected results. See chart below for details.

Accepted	Irrelevant selection. This status type is not used in the DTrade 2 schema and any imminent query would not return any results.
Initial Validation	Irrelevant selection. This status type is not used in the DTrade 2 schema and any imminent query would not return any results.
Compliance Review	Irrelevant selection. This status type is not used in the DTrade 2 schema and any imminent query would not return any results. The actual status used to reflect this dataset is ‘In Admin Review’.
Initial Licensing Review	Irrelevant selection. This status type is not used in the DTrade 2 schema and any imminent query would not return any results. . The actual status used to reflect this dataset is ‘In Licensing Review’.
Final Licensing Review	Irrelevant selection. This status type is not used in the DTrade 2 schema and any imminent query would not return any results.
Reactivated	Irrelevant selection. This status type is not used in the DTrade 2 schema and any imminent query would not return any results.

BUG ID: DT2-EX-00002 - Inability to Track Status using ‘Staffed’ criteria

Industry User could not select to query cases that have been staffed. The ‘Staffed’ dropdown field was not populated with any value.

BUG ID: DT2-EX-00005 - Inability to inclusively Track Status using ‘Not Assigned’ case status

Industry Users were not able to inclusively query cases using the ‘Not Assigned’ case status due to the fact that ‘Unassigned’ has replaced ‘New Assigned’ as a status for newer cases.

BUG ID: DT2-EX-00008 - Additional Documentation list not in Alphabetical Order

For the DSP-5 supporting documentation upload, the 22 CFR § 126.13 Certification Letter and PM/DDTC 126.8 Prior Approval were not displayed in alphabetical order.

BUG ID: DT2-EX-00009 - Additional Documentation upload generates an Http://500 Internal Server Error

A page error was generated if the Industry Users attempted to upload Additional Documentation that did not have a valid file extension.

Resolution:

Industry users may submit documents with any extension. As is the case with all electronic documents, only documents with a valid extension will be able to be viewed appropriately by the internal user.

BUG ID: DT2-EX-00010 - Industry Additional Documentation comments character use restriction

If the Industry User uploaded Additional Documentation and included the double quote characters in the 'Comments on the Document' text, internally, those comments were not displayed correctly.

7.0 Resolved Issues: PureEdge Specific Bugs

This list covers the issues previously cited in the DTrade2 version 2.0 Web Application Release Notes and the addendum to those Release Notes that have since been resolved.

BUG ID: DT2-PE-00001 - DSP-73 Form Data translates into a PDF Generation Error

A PDF generation data error was generated if the Industry User submitted a PureEdge DSP-73 form with Same As Block 20 selected for Block 22 - Temporary Foreign End-user without first clearing any additional pages of Temporary Foreign End-user information. If the Industry User did not clear these entries first, PureEdge would not catch the error and the form could be submitted.

Resolution:

PureEdge catches the error, thus not allowing the case to be submitted in that state.

BUG ID: DT2-PE-00002 - Extra blank PureEdge form additional pages

If the Industry User deleted a page on the PureEdge form in the middle of a sequence of additional pages, for instance page 3 of 5, only the data itself was actually deleted. The page, in this instance page 3, remained and printed a blank form page.

Resolution:

The PureEdge forms do not permit the Industry user to delete pages in the middle of a sequence.

BUG ID: DT2-PE-00003 - Inaccurate Required Document constraint

If the Industry User selected 22 CFR § 126.13 Certification item (d), then incorrectly the form required the user to attach both the 22 CFR § 126.13 Certification Letter and the 22 CFR § 127.11 Exception to Policy Letter. Only the 22 CFR § 126.13 Certification Letter should have been required.

8.0 Resolved Issues: Batch Specific Bugs

This list covers the issues previously cited in the DTrade2 version 2.0 Web Application Release Notes and the addendum to those Release Notes that have since been resolved.

BUG ID: DT2-BT-00001 – Commodity Calculations – DSP-5, DSP-6, DSP-73

Because the values for the Line Item Total and Total License Value are calculated by the system, as opposed to using calculated totals provided by the Industry user, error messages regarding incorrect calculations did not appear.

Resolution:

The External server performs the validation.

BUG ID: DT2-BT-00002 - Individual commodity monetary values cannot be zero.

(Related to BUG ID: DT2-BT-00001)

An error message was returned if a value of zero was contained in various child elements within the Commodity element. The specific child element which triggered the error message varied between amendment and non-amendment forms.

For all forms, for everything except NewQuantity, in the absence of provided \$ Value or Quantity related information; the system assigned a value of "0."

Resolution:

The External server performs the validation.

BUG ID: DT2-BT-00003 - **The monetary sum of the individual commodities must equal the total monetary value of the commodities.**

(Related to BUG ID: DT2-BT-00001)

Resolution:

Both the Internal and External servers are using calculations based on rounded values for each line item.

BUG ID: DT2-BT-00004 – **DSP73 Data Not Stored In Database.**

SameAs20 data is not stored in the Internal database. Business Rule: The value in "SameAs20" is "T;" the Specific Countries of Sojourn must be the same at the Temporary Foreign Consignees' countries.

Resolution:

The External server validates countries based upon information contained in the SameAs20 field.

BUG ID: DT2-BT-00005 – **SummaryOfAmendment Data Not Stored In Database.**

The system did not look to the SummaryOfAmendment to determine the types of changes made to the original application. It rather looked for the presence of a change element (such as ChangeManufacturer or ChangeSource) and the values contained in specific fields within those elements.

Resolution:

The External server validates the SummaryOfAmendment selections against the Change elements within the submission.

BUG ID: DT2-BT-00006 – **The presence of the values “CommodityQuantity” and/or “CommodityValue” within the SummaryOfAmendment element does not prevent the ability of the user to include the value “TotalCommodityValue” (and vice versa).**

Because of the issue described above (BUG ID: DT2-BT-00005), there was no check on the values contained within the SummaryOfAmendment element.

Resolution:

The External server performs the validation.

BUG ID: DT2-BT-00007 – **If neither the CorrectQuantity nor the CorrectValue fields contains a value of "T" none of the dollar values for that commodity are used when calculating RevisedTotalMonetaryValue.**

Resolution:

Any submissions without a value of “T” in at least one of these fields will be rejected by the External server.

BUG ID: DT2-BT-00008 – **Missing error message**

No error message was returned when the same Sequence Number was used multiple times within the same element.

Resolution:

A Primary Key Violation is thrown when the system is attempting to write the submission to the database.

BUG ID: DT2-BT-00009 – **Missing error message**

An error message was not returned if a ChangeCommodityQuantityValue entry had a value of “F” in both CorrectQuantity and CorrectValue.

Because of the issue described above (BUG ID: DT2-BT-00005), there was no check on the values contained within the SummaryOfAmendment element.

Resolution:

The External server performs the validation.

BUG ID: DT2-BT-00010 – Missing error message

An error message was not returned when attachments that seemingly contradict information on the case application (such as a Manufacturer Unknown Letter of Explanation for a case where the Manufacturer is known) were attached.

BUG ID: DT2-BT-00011 – Missing error message

An error message was not returned when the HasSubsidiary element had a value of “F” but full Subsidiary data had been included.

Resolution:

The External server performs the validation based upon the value contained within the HasSubsidiary field.

BUG ID: DT2-BT-00012 – Missing error message

(Related to **BUG ID: DT2-BT-00002**)

An error message was not returned when NewQuantity was required but not provided. In the absence of NewQuantity data, the system used the OriginalQuantity data as this value.

Resolution:

The External server performs the validation based upon values contained within the SummaryOfAmendment fields.

BUG ID: DT2-BT-00013- Missing DSP-73 Error Message

An error message was not returned when the article being exported was NOT an Aircraft or Vessel, but there was data in the AircraftOrVesselInformation fields.

Resolution:

The External server performs the validation.

BUG ID: DT2-BT-00016 - Missing Error Message

In the ChangeSource element, if the OriginalName and NewName did not match appropriately: An error message was not returned when a OriginalStateCode, OriginalPostalCode, NewStateCode, and NewPostalCode was required but not provided.

Resolution:

The External server performs the validation.

BUG ID: DT2-BT-00017 – Incorrect Text in Error Message

Error messages related to changes to Subsidiary name and/or contact information stated that the change was being made to the Applicant name and/or contact information.

Resolution:

The External server performs the validation with the correct reference.

BUG ID: DT2-BT-00018 – Incorrect Text in Error Message

For changes to both the Commodity Quantity and Commodity \$ Value, the error message related to the New \$ Value Line Item contained incorrect text.

Resolution:

The text of the error message has been changed.

BUG ID: DT2-BT-00019 – Incorrect Text in Error Message

For changes to the Commodity \$ Value but not the Commodity Value, the error message related to the New \$ Value Line Item contained incorrect text.

Resolution:

The text of the error message has been changed.

BUG ID: DT2-BT-00022 –Missing Text and Incorrect Field Name in Error Message

(Previously referred to as BUG ID: DT2-BT-00020)

The error message for changes to the Commodity Description contained an incorrect field name and was missing a word.

Resolution:

The External server produces an error message that is not missing and word and references the correct field name.

BUG ID: DT2- ADD -00003 – Applicant’s Statement listed for amendment (DSP-6, DSP-62, and DSP-74) submissions.

(Related to PR-DT-20090513-2369)

In certain cases, the Applicant’s Statement (XML element ApplicantStatementCertification) was displayed internally different that submitted by the user.

9.0 Support

Please report any undocumented issues using the appropriated agency guidelines for technical support or change management. For information regarding the latest software version, recent release note revisions, or additional assistance, please contact:

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8.0 Document Control

Date	Version	Author	Change Details
7.01.09	1.0	WilderotterKL	First Version.