



Account Exception Notice

DSI NSF Notice Report

PS_DSI_NSF

Application 14105

Extension ID: 0b86e1a1-c134-4cef-9774-5f9082ac6f01

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Overview:

The DSI NSF Notice Report selects all Transaction Exceptions for the current processing date and generates notices for those exceptions flagged for notices in the Transaction Exception DNA™ settings. Runtime parameters provide the ability to limit the types of transactions for which exceptions are selected. Additionally, the application may be excluded at either the Major/Minor or Account level.

Key Benefits:

This application is a modified version of the DNA application DSI_NSF and will allow for a 10 digit check number field, right justify the Amount and Check Number and expand the output records to 100 characters.

Processing:

PS_DSI_NSF uses runtime parameters to select the exceptions for the notices. In addition, a control characters file and a text file are used to produce the notices.

Control Characters File

The notice includes control records for Header (H), Account (\A), Page (\P) and Item detail (\I). Values are read in from a text file named 'DSI_NSF.CTI' and used to create output on the notice/report. Additional information is appended during the run:

H record includes date

\A Record includes Account number, Date, Check Count, Business Date

\P Page record prints as is

\I Item record includes AcctNbr, Date, Trace Number, CheckNbr, Amount

Text File

A text file named PS_DSI_NSF.TXT is included with this application. The text file may be formatted to meet the institution's needs for any number of transaction exceptions. See the Notices section of this document for further details and supported text markers.

Parameters:

Parameter	Code	Description (how used)	Required	Default
Available Funds Method Code	AMTH	The Availability Method Code to be used when including balance information in notices.	No	GPND
Branch Addressing YN	BRAD	Indicates whether the Branch Address (Y) or the Institution Address (N) should be included on the notices.	No	N
Previous Day Ending Balance?YN	BTIM	Indicates whether the notice should print the previous day's ending balance	No	N

Parameter	Code	Description (how used)	Required	Default
Copy to Co-Owner if Diff Addr	CODA	Indicates if a copy of the notice should be generated for non-tax owners of the account (if different address)	No	N
Co-Owner Roles	CROL	Comma-separated list of account roles to be selected when CODA = Y	No	OWN
External File Type	FT	Comma-separated list of file types. When used, only transactions from these file types will be included.	No	<Blank>
Sort No-Mails to Front	SNOM	Indicates whether or not "no mail" notices should be sorted to the front of the print file	No	N
Include Online Transactions	8IOL	Indicates if only transactions performed online (i.e. branch) should be included	No	<Blank>
Only Fees and Returns Y/N	8IFR	Indicates that notices should only be produced for those exceptions that resulted in returned items or fees (linked transactions only)	No	<Blank>
IMAGE FOR INC ONLY	8IIO	Indicates if the images for INC items should be included in the file.	No	Y
Completed/Rejected/All (C/R/A)	CRA	The Transaction status to include. A - Show all transactions R - Show rejected transactions only C - Show completed transactions only	No	A
Post Date	PD	Enter an alternate postdate otherwise the effective date of the Batch Queue will be used.	No	<Blank>
Exclude RTXN Exceptions	8ETE	A comma-separated list of transaction exception numbers you do not want this application to process. When left Blank all transaction exception with a NoticeYN set to Y will be picked up.	No	<Blank>

Variables:**Calculation Type - PS DSI NSF Notice (8PIT):**

Variable	Code	Description (how used)	Data Type	Default
Account Balance Column	ABCL	Indicates the horizontal position to begin printing the account balance on the notice	INTG	<Blank>
Account Balance Indicator	ABIN	Indicates whether the account balance should be printed on the notice	YN	<Blank>
Account Balance Line	ABLN	Indicates the vertical position to begin printing the account balance on the notice	INTG	<Blank>
Account Balance Text	ABTX	Indicates the label text to print before the Account Balance data	CHAR	<Blank>
Account Number Column	ANCL	Indicates the horizontal position to begin printing the account number on the notice	INTG	<Blank>
Account Number Indicator	ANIN	Indicates whether the account number should be printed on the notice	YN	<Blank>
Account Number Line	ANLN	Indicates the vertical position to begin printing the account number on the notice	INTG	<Blank>
Account Number Text	ANTX	Indicates the label text to print before the Account Number data	CHAR	<Blank>
Address Column	ADCL	Indicates the horizontal position to begin printing the recipient address on the notice	INTG	<Blank>
Address Line	ADLN	Indicates the horizontal position to begin printing the recipient address on the notice	INTG	<Blank>
Available Balance Column	AVCL	Indicates the horizontal position to begin printing the available balance on the notice	INTG	<Blank>
Available Balance Indicator	AVIN	Indicates whether the available balance should be printed on the notice	YN	<Blank>
Available Balance Line	AVLN	Indicates the vertical position to begin printing the available balance on the notice	INTG	<Blank>
Available Balance Text	AVTX	Indicates the label text to print before the available balance data	CHAR	<Blank>
Date Column	DTCL	Indicates the horizontal position to begin printing the date on the notice	INTG	<Blank>
Date Indicator	DTIN	Indicates whether the date should be printed on the notice	YN	<Blank>

Date Line	DTLN	Indicates the vertical position to begin printing the date on the notice	INTG	<Blank>
Date Text	DTTX	Indicates the label text to print before the date	CHAR	<Blank>
Date Type	DTTP	Indicates the format for the date to be printed on the notice	CHAR	<Blank>
Input file column	IFCL	Indicates the horizontal position to begin printing the notice text (text file)	NUM	<Blank>
Input file line length	IFLE	Indicates the single-line character length for the notice	NUM	<Blank>
Input file print line	IFLN	Indicates the vertical position to begin printing the notice text (text file)	NUM	<Blank>
Inst name/address Indicator	BNIN	Indicates whether the institution address should be printed on the notice	YN	<Blank>
Inst name/address column	BNCL	Indicates the horizontal position to begin printing the institution address on the notice	NUM	<Blank>
Inst name/address line	BNLN	Indicates the vertical position to begin printing the institution address on the notice	NUM	<Blank>
Max inst name/address lines	BNMX	Indicates the maximum number of lines to use for the institution name & address	NUM	<Blank>
Miscellaneous Text Column	MCCL	Indicates the horizontal position to begin printing the miscellaneous text on the notice	INTG	<Blank>
Miscellaneous Text Indicator	MCIN	Indicates whether miscellaneous text should be printed on the notice	YN	<Blank>
Miscellaneous Text Line	MCLN	Indicates the vertical position to begin printing the miscellaneous text on the notice	INTG	<Blank>
Miscellaneous Text Text	MCTX	Indicates the miscellaneous text content to be printed on the notice	CHAR	<Blank>
Page Number Column	PNCL	Indicates the horizontal position to begin printing the page number on the notice	INTG	<Blank>
Page Number Indicator	PNIN	Indicates whether the page number should be printed on the notice	YN	<Blank>
Page Number Line	PNLN	Indicates the vertical position to begin printing the page number on the notice	INTG	<Blank>

Page Number Text	PNTX	Indicates the label text to print before the page number	CHAR	<Blank>
Print Trace Number YN	PRTN	Indicates whether the trace number should be printed on the notice	YN	<Blank>
Sequence Number Column	SQCL	Indicates the horizontal position to begin printing the sequence number on the notice	NUM	<Blank>
Sequence Number Indicator	SQIN	Indicates whether the sequence number should be printed on the notice	YN	<Blank>
Sequence Number Line	SQLN	Indicates the vertical position to begin printing the sequence number on the notice	NUM	<Blank>
Sequence Number Text	SQTX	Indicates the label text to print before the sequence number	CHAR	<Blank>
Show Paid Checks	SPIN	Indicates whether paid checks should be included on the notice	YN	<Blank>

Scheduling and re-run information:

- This application should be run after Cycle and Exception files are created
- This application can be re-run

Notices:

Notice content and layout is controlled by the OPT1 value, text markers, variables, and notice text.

OPT1 Value

The OPT1 value is used to indicate which exception(s) apply for the notice text. For example, **\WHEN OPT1=1,2,3;** indicates that the notice should be produced for Transaction Exceptions 1, 2, and 3.

Text Markers

The following text markers are supported for this notice application:

Marker	Description
<ACCT>	Account Number
<ACTP>	Account Type
<BANK>	The name of the bank or branch
<CUST>	The name of the customer
<DATE>	The date of the report run, format MM-DD-YYYY
<FONE>	The phone number of the bank or branch
<LDTE>	The formatted date of the report run, i.e. August 5, 2010
<PROD>	The name of the account product (minor account type description)
<SALU>	The customer name and salutation, i.e. Mr. George Jones

<SEQN>	The sequence number of the current letter
<TINN>	The Tax ID Number of the customer

Variables

The following information prints as header information on the notice for each customer account. The position is based on the variables set for the application:

- Notice Date
- Account Number
- Account Balance
- Available Balance
- Customer Name
- Customer Address Lines (4)

Notice Text

In addition to the notice text and inline text markers, this application uses a sectional text marker (<...>). When the sectional text marker is used, the application prints the following data:

- Check Nbr
- Item Amt
- Description
- Returned/Paid
- Charge
- Trace Nbr

Example Sectional Text

Check Nbr	Item Amt	Description	Returned/Paid	Charge	Trace Nbr
99999	999.99	Check Number 99999	Returned	25.00	9876543210

Sample Text Files

\\WHEN OPT1=1,2,3;

NOTICE OF INSUFFICIENT/UNCOLLECTED FUNDS

Listed below are the items presented today against your account. The balance of your account was not sufficient to pay these items. The account balance above was the balance, at the time the items listed, were presented for payment. These items were returned or paid and charges were assessed as indicated.

<....>

Please adjust your records accordingly. For additional information, please contact us at <FONE>.

\\DONE

\\WHEN OPT1=4;

UNCOLLECTED FUNDS NOTICE

The items listed below were presented for payment on your account against funds deposited in your account that have not been collected. These items were returned or paid and charges were assessed as indicated.

<....>

Please adjust your records accordingly. For additional information, please contact us at <FONE>.

\\DONE

\\WHEN OPT1=6;

NOTICE OF STOP PAY CHECK

Listed below are the items presented today against your account. These items were returned stop payment as indicated.

<....>

Please adjust your records accordingly. For additional information, please contact us at <FONE>.

\\DONE

\\WHEN OPT1=133;

NOTICE OF ACH STOP PAYMENT

Listed below are the items presented today against your account. These items were returned stop payment as indicated.

<....>

Please adjust your records accordingly. For additional information, please contact us at <FONE>.

\\DONE

\\WHEN OPT1=505,506;

Date: <DATE>

Dear <SALU>:

Fees have been assessed for the following Excess Transactions:

\\IN\\ 8

TRANSACTIONS PROCESSED TODAY:

<....>

You will be charged a fee of \$5.00 for each excess transaction.

Please adjust your account accordingly. If you have any questions, please contact us at <FONE>.

Sincerely,

<BANK>

\\DONE

Also if you do not add a default notice for when you do not have an exception or one is selected that you do not have a WHEN OPT1=[Value] set up in your text file, use the Exclude RTXN Exceptions (8ETE) parameter to input a comma-separated list of transaction exception numbers you do not want this application to process. When left Blank all transaction exception with a Notice YN set to Y will be picked up.

Exceptions:

Condition	Exception Messages
The 'Include Online Transactions' runtime parameter is set to Y and the 'External File Type' runtime parameter has a value	Online Transactions cannot be included if File Type Parameter is not blank

Additional Requirements:

- Requires DNA 4.0 or higher

Configuration Checklist:

Item	Test Environment	Production Environment
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Item	Test Environment	Production Environment
Parameters		
Variables		
Notice Text File		
Control Characters File		

Installation:

Note: If you obtained this application from the DNAappstore, please disregard the installation instructions below. If you did not obtain this application from the DNAappstore, please complete the installation instructions below.

- Copy PS_DSI_NSF.SQT to the Batch Process to the PS batch application directory; this is typically G:\OSI\BANK\BAT_EXE\PS (or the location specified in the PS Batch Report Directory 'BATP' Institution Option).
- This application requires the running of the script PS_DSI_NSF.SQL (Setup Script): Copy this file to any directory accessible to the applicable SQL application (SQL Developer, PL/SQL Developer, etc.) You need to run the setup script to register the application.
- This application requires an Authorization Key. After the primary installation instructions have been completed, you must apply the supplied Authorization Key for this application.

To enter the Authorization Key, go to Services >> System >> Institution >> Applications >> Application Manager.

Revisions:

Date	App Version #	Change
04/2017	1.1.0.5	Corrected Exclude RTXN Exceptions (8ETE) when getting first NSF transaction and details (after main selection of accounts)
02/2017	1.1.0.5	Added the Exclude RTXN Exceptions (8ETE) to allow the user to input a comma-separated list of transaction exception numbers you do not want this application to process. When left Blank all transaction exception with a NoticeYN set to Y will be picked up.
02/2016	1.1.0.4	Document: <ul style="list-style-type: none"> • Added Calculation Type 8PIT to Application Variables section DNAX Install Script and Install Script: <ul style="list-style-type: none"> • Updated Parameter Defaults if not set already PS_DSI_NSF.SQT: <ul style="list-style-type: none"> • Corrected sql condition when File Type parameter left blank DNAX:

Date	App Version #	Change
		<ul style="list-style-type: none"> Added text file sample
12/2015	1.1.0.3	<p>Document:</p> <ul style="list-style-type: none"> Include CTI file in Configuration Checklist App Versions included in Revisions Added Additional Requirements section <p>DNAX Install Script:</p> <ul style="list-style-type: none"> Removed CRA runtime parameter insert Corrected insert into ApplCalcVar Changed parameter inserts Deleted PRTY runtime parameter Added default Parameter values <p>DNAX Uninstall Script:</p> <ul style="list-style-type: none"> Added Delete Parameter for 8IOL, 8IFR and 8IIO <p>Install Script:</p> <ul style="list-style-type: none"> Deleted PRTY runtime parameter Added default Parameter values <p>PS_DSI_NSF.SQT:</p> <ul style="list-style-type: none"> Added CRA runtime parameter logic to procedure that gets first NSF of the day Fixed Cartesian issue when Include Online Transactions is set to N
08/2015	1.1.0.2	Application modified to correct the Application number so it can be excludable; Updated documentation for DNAAppstore standards
04/2015	1.1.0.1	Updated Documentation
08/2013	1.1.0.0	Added the CRA parameter
07/2013	1.0.0.2	Updated the document with the 8IIO parameter. The parameter was included earlier but the document was not updated
09/2012	1.0.0.1	Modified document to refer correct application document
04/2011	1.0.0.0	Modified and formatted to clarify the process and include verbiage for installation
10/2008		Application created