Functional Requirements Document (FRD)		
Project# **10155**	**Project Title:** Pine Sinq Error Editing in EmpowHR	**Date Prepared:** 03/17/11

Scope:	This effort is to explore the possible implementation of processes that would more frequently identify and communicate errors to the end user, facilitating more timely corrective action, and reducing the number of transactions suspending in the overnight process. This would result in more documents applying on the first try. Only **Document type: 063 will be included in this release.**
Assumptions:	>>>>> Completed by SRB <<<<<
Test:	>>>>> Completed by SRB <<<<<

Functional Requirements

(Completed by the NFC Project Owner before being sent to the agency.)

Payroll Systems Branch (PASB) Requirements

>>>>> Insert PASB Requirements Here or "Not Applicable" <<<<<

Personnel Systems Branch (PESB) Requirements

>>>>> Insert PESB Requirements Here or "Not Applicable" <<<<<

Administrative Applications Systems Branch (AASB) Requirements

>>>>> Insert AASB Requirements Here or "Not Applicable" <<<<<

Web Applications Systems Branch (WASB) Requirements

>>>>> Insert WASB Requirements Here or "Not Applicable" <<<<<

Human Resources Applications Staff (HRAS) Requirements

Create new 'Rules Table' that will be similar to NFC TMGT 047. Rules Table will contain the Doc-type, SINQ Code and message description for the rule logic. Table will contain 'Indicator' that will determine whether the rule will be executed   at 'Online at Save time' or use new batch, "Rules Engine" process that runs every fifteen minutes. The process will step through each document type and edit documents of that type against the rules for that document type setup in the Rules tables. The Rule logic will be contained in either a SQL definition or and Application package specifically associated with that Rule. We also will need to create a new NFC 'Transaction Status' for this process.

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Pre-Pine-HighLevel_T
im.docx

Additional research and details for errors listed on FRD have been documented in attached spreadsheet.

Attach_FRD Pine   SCR10155 PINE Edits
Sinq Error Editing in E   Table for FRD.docx

DHS top Sinq Errors for initial edit:
1. **Error type: 057-Accountng Code Invalid, Document type: 110. (DHS has been notified pine error will not be included in this release)**
2. **Error type: 088-Invalid SCD Leave for Leave Category/SCD-Leave and Annual Leave Code Not Valid, Document type: 063.**
3. **Error type: 127-Only 1 Time Off Award Allowed Per Pay Period. Document type: 110.(DHS has been notified pine error will not be included in this release)**
4. **Error type: 186-EFF Date of Action not later than last action, Document type: 063.(Error has been resolved in SCR 00306)**
5. **Error type: 187-Continuation of error message 186, Document type: 063. (Error has been resolved in SCR 00306)**
6. **Error type: 281-Date Entered Present Grade Later than Effective Date, Document type: 063.**
7. **Error type: 308-Retention Percent Invalid, Document type: 063.(Error has been resolved in IR 147464)**
8. **Error type: 471-Base Salary is Invalid, Document type: 063.**
    HRAB(LB)-8/25/11-Recommend that the 471 edit be removed from this SCR. We don't have enough of the requirements defined to build an edit that will match the PINE edit.
9. **Error type: 472-Error message 471 continued, Document type: 063.**
10. **Error type: 507-Supervisory Code must be 2, Document type: 063.**
11. **Error type: 537-TSP Eligibility code must be present, Document type: 063.(Error has been resolved in SCR 00306 and IR 175752)**
12. **Error type: 538-TSP Eligibility code invalid, Document type: 063.(Error has been resolved in SCR 00306 and IR 175752)**
13. **Error type: 598-Classification Action Code Must Be Blank, Document type: 063.**
14. **Error type: 599-Classification Action Code Invalid, Document type: 063.**
15. **Error type: 602-IP Not Found in Position Management System, Document type: 063. (DHS has been notified pine error will not be included in this release).**
16. **Error type: 850-VAR-FT-REG-TOD-PT-EMP must be > O, Document type: 063.**
17. **Error type: 857-Value must be numeric, Document type: 063.**

Error type 441, Doc Type 063 will require a Pine change. (We are not looking at error at this time).

NFC has also performed additional research on the following pine sinq errors. They will be included for our other agencies. Pine edits have been prototyped in IRs and fix will be implemented with SCR 10155:

1. Error type: 054-Special Employee Programs Data Invalid with NOA / Special Employment Programs Must Be 59, Document type: 063
2. Error type: 165-NTE Date Not Valid With NOA Or Type Appt Code, Document type: 063
3. Error type: 179-Nature of action and Type APPT not compatible, Document type: 063
4. Error type: 221-Tenure 0 / Type of Appointment 04 or 09, Document type: 063-(Prototyped in IR144468)
5. Error type: 222-Tenure 1 / Type of Appointment 01 or 06, Document type: 063-(Prototyped in IR144468)
6. Error type: 223-Tenure 1 / Probationary Period Start Date, Document type: 063-(Prototyped in IR144468)
7. Error type: 224-Tenure 1 / Career Tenure Date Present, Document type: 063-(Prototyped in IR144468)
8. Error type: 225-Tenure 2 / Type of Appointment 01, 02, 06, 07, Document type: 063-(Prototyped in IR144468)
9. Error type: 227-Tenure 2 / Career Tenure Date Null, Document type: 063, (Prototyped in IR160932)
10. Error type: 319-Data Not Valid With Special Employee Code 45 or 46, Document type: 063
11. Error type: 340-Quarters Deduction Code Must Be 1, 2, 3, Or 4, Document type: 063
12. Error type: 375-Retired Military Must Have Retirement Date, Document type: 063
13. Error type: 405-SCD-WGI < Effective Date, Document type: 063
14. Error type: 411-SCD-WGI Must Be Present, Document type: 063
15. Error type: 549-SCD TSP Invalid with Retirement Coverage Code, Document type: 063

Triggering

1. PAR Processing Component (EE_HR_PROC.USF)
   a. Not in Model Page
   b. Current row is changed, but not deleted
   c. WIP = PRO
   d. Transaction Status is one of following statuses:
      i. F   (Ready-Future)
      ii. I   (In-Progress)
      iii. R   (NFC Ready)
      iv. S   (Not Applied)

2. History Override Component (Z_EE_HISTORY.USF)
   a. Not in Model Page
   b. Current row is changed
   c. WIP not equal "CAN"   (Canceled)
   d. NFC HCUP Indicator
      i. Y (Starting)
      ii. G (Intervening)
   e. Transmit HCUP Package to NFC = "Y" (Release Package)

3. Hire Component (EE_HIRE)
   a. Not in Model Page
   b. Current row is changed, but not deleted
   c. WIP = PRO
   d. Transaction Status is one of following statuses:
      i. F   (Ready-Future)
      ii. I   (In-Progress)
      iii. R   (NFC Ready)

4. Correct Applied Component (EE_CORRECTION)

a. Not in Model Page
b. Current row is changed, but not deleted
c. WIP = PRO
d. Transaction Status is one of following statuses:
    i. F   (Ready-Future)
    ii. I (In-Progress)
    iii. R (NFC Ready)

Signature of SRB Chief: Date: 3/17/11
William Dantagnan /S/