Decision Support Release Notes

Release 2006-05

1. Catalog & Schedule

1.1 Change Processing Logic for Session Meeting Table

Products Affected: Catalog & Schedule EDW Tables (T_SESS_MEET)

Universe Affected: N/A

Case Number: 20060309_84

Date Implemented: 4 May 2006

Description: Beginning with the Banner 7 implementation, Decision Support noted a discrepancy in the manner in which data was being sourced for the Session Meeting (T_SESS_MEET) table in the Data Warehouse. This discrepancy was causing sources system records to be excluded from the Data Warehouse table.

Data Warehouse processing logic did not allow NULL values for the SESS_MEETING_ID column in this table, because this column was part of the primary key (unique row identifier). The Banner source system, however, began allowing NULL values for Meeting ID beginning with the Banner 7 implementation on March 7, 2006. As a result, Data Warehouse processing was rejecting rows each night that appear with a NULL value for this field, and the T_SESS_MEETING table did not contain all relevant records between March 7 and May 18, 2006.   This discrepancy impacted records entered into the Banner system between March 7 and May 18 with NULL Session Meeting ID values.

Decision Support worked with each campus OAR and Facilities offices to determine an appropriate course of action for this table. To correct the situation, Decision Support has removed the primary key constraint for Meeting ID in the Session Meeting table, effective May 18. In addition, Data Warehouse processing logic has been modified to allow NULL values for Meeting ID and to allow multiple rows with identical TERM_CODE, CRN, CATEGORY, and MEET_NO values.

Users should be aware of the impacts that these changes will have on the data in this table. Effective May 18, users should expect to see NULL values for Meeting ID, and should expect to see multiple rows with identical Term Code, Course Record Number, and Meeting Number values in this table.

2. Finance

2.1 Reload Missing Small Business Report Records

Products Affected: Finance EDW Tables (T_SMALL_BUS_RPT)

Universe Affected: N/A

Case Number: 20060105_270

Date Implemented: May 18, 2006

Description: Decision Support previously noted that the T_SMALL_BUS_RPT table was missing 6 valid records (out of 3,883,026). These missing records have been reloaded into the Data Warehouse, effective May 18, 2006.

2.2 Modify Processing Logic for Account Code History Table

Products Affected: Finance EDW Tables (T_FIN_ACCT_CD_HIST)

Universe Affected: N/A

Case Number: 20051104_159

Date Implemented: May 18, 2006

Description: Decision Support has updated the processing logic used to populate the Account Code History table (T_FIN_ACCT_CD_HIST) to ensure that the proper Account hierarchy is applied to all data.

2.3 Change to Universe Join in Fixed Assets Universe

Products Affected: Finance BusinessObjects Universe

Universe Affected: EDW – Finance – Fixed Assets

Case Number: 20060315_620

Date Implemented: May 18, 2006

Description: The Fixed Assets universe did not previously enable users to report on the Original Funding Source in Fixed Asset depreciation reports. Decision Support has modified the universe joins to enable this type of reporting.

3. Human Resources/Payroll

3.1 Add Earnings Group Information to Universes

Products Affected: HR Business Objects Universes

Universe Affected: EDW – HR – Payroll
                           EDW – HR – Time & Attendance

Case Number: 20040928_573

Date Implemented: May 18, 2006

Description: In the Banner system, Earning codes are placed into groups. However, users who wish to report on groups of earnings data using the HR universes listed above must currently place conditions or create new variables on reports listing each earning for the group they desire. As a result, report conditions or variables must be changed each time a new earning code is added to a group.

To facilitate this type of reporting and to reduce the potential for human error in these types of reports, Decision Support will add Earnings Group Code and Description data to the Payroll and Time & Attendance universes.

Data for the new objects will be sourced from the EDW tables T_EARNS_CD_HIST.EARNS_GROUP_CD and T_EARNS_CD_HIST.EARNS_GROUP_DESC.

3.2 Re-Include Directory Information Address & Telephone Indicators

Products Affected: HR Business Objects Universes

Universe Affected: EDW – HR – Position/Job Hierarchy

Case Number: 20050508_104

Date Implemented: May 18, 2006

Description: The new address and telephone indicator objects implemented as part of the Directory Information project have been erroneously removed from the Position/Job Hierarchy universe. These objects will be re-included in the universe for reporting purposes.

3.3 Correct Sourcing for Full-Time/Part-Time Status Description Object

Products Affected: HR Business Objects Universes

Universe Affected: EDW – HR – Position/Job Hierarchy

Case Number: 20050508_104

Date Implemented: May 18, 2006

Description: Decision Support will correct the sourcing for the Full Time/Part Time Status Description object in the Position/Job Hierarchy universe. This object should be sourced from the EDW table V_EMPEE_HIST_1.FT_PT_STATUS_DESC.

4. Pre-Registration & Registration

4.1   Changes to Course Registration Archive Table Data Formats

Products Affected: PRR Business Objects Universes

Universe Affected: EDW – STU – Registration Complete
EDW – STU – Registration Directory
EDW – STU – Registration Limited

Case Number: 20060131_777

Date Implemented: May 18, 2006

Description: Decision Support has changed the format of several objects in the Registration universes listed above. These objects will be changed from measures to dimensions. The data for these objects have summations calculated in the EDW table they are associated with, and therefore did not need to have calculations performed at the universe level (as measure objects do).

The objects affected are:
- Total Registered Credit Hours
- CRN Credit Hour
- CRN Bill Hour
- CRN Waive Hour

4.2   Remove Registration Fee Assessment Audit Info Table from EDW

Products Affected: PRR EDW Table (T_REG_FEE_ASMT_AUD_INFO)

Universe Affected: N/A

Case Number: 20060313_536

Date Implemented: May 18, 2006

Description: Decision Support has removed the Registration table Registration Fee Assessment Audit Information (T_REG_FEE_ASMT_AUD_INFO) from the Data Warehouse. This table did not contain information useful for reporting purposes, and was not being utilized by the campus OARs. Decision Support and each campus OAR determined that this table was no longer required. Decision Support ceased loading this table on March 20th, and the table was removed from the EDW effective May 18.

4.3   Modify Data Access for Registration Directory Users

Products Affected: PRR Oracle Security Role (PRR_DIR)

Universe Affected: EDW – STU – Registration Directory

Case Number: 20060329_444

Date Implemented: May 18, 2006

Description: Decision Support and the three campus OAR offices have reviewed the security access available to EDW users with the Registration Directory (PRR_DIR) security role to ensure that all requirements mandated by FERPA are met by this security role. The Registration Directory role is the most restrictive Registration role, and is available to users who only require access to Directory related data for registered students (i.e., address, phone, email, etc.).

As a result of this review, Decision Support has modified the data access available to users with the Directory role to better comply with FERPA regulations.

Effective May 18, Registration Directory users will no longer have access to the following tables, views, and columns:

- Student Attribute (T_STUDENT_ATTR)
- Student Course Registration History (V_STUDENT_CRS_REG_HIST_PRR_DIR)
- Academic Year Code (V_STUDENT_TERM_DIR.ACAD_YR_CD)
- Dual Degree Indicator (V_STUDENT_TERM_DIR.STUDENT_DUAL_DEG_IND)
- Expected Graduation Academic Year Code (V_STUDENT_TERM_DIR.EXPCT_GRAD_ACAD_YR_CD)
- Expected Graduation Academic Year Description (V_STUDENT_TERM_DIR.EXPCT_GRAD_ACAD_YR_DESC)

In addition, several universe objects have been removed from the Registration Directory universe. Some of these objects were included in this universe erroneously, and users were not previously able to use them. Others have been removed as a result of this security review.

- Student Dual Degree Indicator
- Student Hold Active Indicator
- Student Hold Sequence Number
- Student Hold Type Code
- Student Hold Type Description
- Student Hold Start Date
- Student Hold End Date
- Student Hold Reason Code
- Student Hold Reason Description
- Student Attribute Code
- Student Attribute Description

4.4 ACT Equivalency Data Added

Products Affected: Recruiting & Admissions Security Views (V_RECRUIT_TEST_RESULT_HIST, V_ADM_TEST_RESULST_HIST)
Pre-Registration & Registration Security Views (V_TEST_RESULT_HIST_PRR)

Universe Affected: EDW – Current Applicant
EDW – Current Recruit
EDW – STU – Registration Complete
EDW – Undergrad Admissions Data Mart

Case Number: 20040924_393

Date Implemented: May 18, 2006

Description: Previously, the Data Warehouse did not distinguish between an actual ACT Composite Score and one based on the ACT/SAT equivalency. This data did not previously exist in the Banner source system, so there was no method to distinguish this data in the Data Warehouse tables. The Banner source system has been modified to now include an Equivalency Indicator, to distinguish these scores. The Data Warehouse tables and universes have now been updated to include this Indicator, to enable users to report on ACT/SAT equivalencies.

This new Equivalency Indicator is sourced from the Banner table SORTEST_EQUIV_IND, and is included in the T_TEST_RESULT_HIST table and associated security views V_RECRUIT_TEST_RESULT_HIST, V_ADM_TEST_RESULST_HIST, and V_TEST_RESULT_HIST_PRR. This new column is populated for existing rows with Current Information Indicator = Y in all tables and views.

4.5 Change Sourcing for Academic College Code/Description Data

Products Affected: Recruiting & Admissions EDW Tables
Pre-Registration & Registration EDW Tables
Registration Census EDW Tables
Academic Records EDW Tables

Universe Affected: N/A

Case Number: 20060331_457

Date Implemented: May 18, 2006

Description: At the time that the Recruiting & Admissions EDW (and Banner modules) was implemented, there was no 'official' source for Organizational/Academic College Code/Description data in the Banner system (this official source was implemented at the time of Finance go-live). To accommodate reporting on Academic College data in Recruiting & Admissions, and, ultimately, other Student data areas, an EDW table was implemented to provide this data based on a look-up system. The data in this table was loaded at the time of implementation, but had not been updated since. Therefore, some data in this table may have no longer been accurate, as Academic Colleges have changed names or codes.

Decision Support has changed the sourcing for Academic College Code/Description data to the official source for Organizational / Academic College Code/Description data, the EDW table T_ORG_CD_HIST. This change in sourcing will ensure that future Academic College Code/Description data in the Recruiting & Admissions EDW is accurate and will reflect all changes to names or descriptions as they are made in the Banner source system.

Decision Support is performing analysis to determine the appropriate course of action to update historical records that may be inaccurate. Updating historical records is not included in this change, and will be implemented at a future date.

5. Records & Transfer Articulation

5.1 Correct Sourcing for Student Views in Records

Products Affected: Academic Records Security Views (V_ADDR_HIST_RTA, V_EMAIL_ADR_RTA, V_PERS_RACE_ETH_HIST_RTA, V_TELE_HIST_RTA, V_VISA_HIST_RTA)

Universe Affected: N/A

Case Number: 20060123_811

Date Implemented: May 18, 2006

Description: Decision Support previously noted an error in the sourcing used to provide data through the security views for Records Address, Email, Race/Ethnic History, Telephone, and Visa data. These views were incorrectly sourced from the EDW table T_STUDENT_HIST. Decision Support has corrected the sourcing to the EDW table T_STUDENT_AH_TERM to ensure that data for the correct population of students is included via these security views.

5.2 Change Sourcing for Academic College Code/Description Data

Products Affected: Recruiting & Admissions EDW Tables
Pre-Registration & Registration EDW Tables
Registration Census EDW Tables
Academic Records EDW Tables

Universe Affected: N/A

Case Number: 20060331_457

Date Implemented: May 18, 2006

Description: At the time that the Recruiting & Admissions EDW (and Banner modules) was implemented, there was no 'official' source for Organizational/Academic College Code/Description data in the Banner system (this official source was implemented at the time of Finance go-live). To accommodate reporting on Academic College data in Recruiting & Admissions, and, ultimately, other Student data areas, an EDW table was implemented to provide this data based on a look-up system. The data in this table was loaded at the time of implementation, but had not been updated since. Therefore, some data in this table may have no longer been accurate, as Academic Colleges have changed names or codes.

Decision Support has changed the sourcing for Academic College Code/Description data to the official source for Organizational / Academic College Code/Description data, the EDW table T_ORG_CD_HIST. This change in sourcing will ensure that future Academic College Code/Description data in the Recruiting & Admissions EDW is accurate and will reflect all changes to names or descriptions as they are made in the Banner source system.

Decision Support is performing analysis to determine the appropriate course of action to update historical records that may be inaccurate. Updating historical records is not included in this change, and will be implemented at a future date.

6. Recruiting & Admissions

6.1 ACT Equivalency Data Added

Products Affected: Recruiting & Admissions Security Views (V_RECRUIT_TEST_RESULT_HIST, V_ADM_TEST_RESULST_HIST)
Pre-Registration & Registration Security Views (V_TEST_RESULT_HIST_PRR)

Universe Affected: EDW – Current Applicant
EDW – Current Recruit
EDW – STU – Registration Complete

Case Number: 20040924_393

Date Implemented: May 18, 2006

Description: Previously, the Data Warehouse did not distinguish between an actual ACT Composite Score and one based on the ACT/SAT equivalency. This data did not previously exist in the Banner source system, so there was no method to distinguish this data in the Data Warehouse tables. The Banner source system has been modified to now include an Equivalency Indicator, to distinguish these scores. The Data Warehouse tables and universes have now been updated to include this Indicator, to enable users to report on ACT/SAT equivalencies.

This new Equivalency Indicator is sourced from the Banner table SORTEST_EQUIV_IND, and is included in the T_TEST_RESULT_HIST table and associated security views V_RECRUIT_TEST_RESULT_HIST, V_ADM_TEST_RESULST_HIST, and V_TEST_RESULT_HIST_PRR. This new column is populated for existing rows where Current Information Indicator = Y in all tables and views.

6.2 Change Sourcing for Academic College Code/Description Data

Products Affected: Recruiting & Admissions EDW Tables
Pre-Registration & Registration EDW Tables
Registration Census EDW Tables
Academic Records EDW Tables

Universe Affected: N/A

Case Number: 20060331_457

Date Implemented: May 18, 2006

Description: At the time that the Recruiting & Admissions EDW (and Banner modules) was implemented, there was no 'official' source for Organizational/Academic College Code/Description data in the Banner system (this official source was implemented at the time of Finance go-live). To accommodate reporting on Academic College data in Recruiting & Admissions, and, ultimately, other Student data areas, an EDW table was implemented to provide this data based on a look-up system. The data in this table was loaded at the time of implementation, but had not been updated since. Therefore, some data in this table may have no longer been accurate, as Academic Colleges have changed names or codes.

Decision Support has changed the sourcing for Academic College Code/Description data to the official source for Organizational / Academic College Code/Description data, the EDW table T_ORG_CD_HIST. This change in sourcing will ensure that future Academic College Code/Description data in the Recruiting &

Admissions EDW is accurate and will reflect all changes to names or descriptions as they are made in the Banner source system.

Decision Support is performing analysis to determine the appropriate course of action to update historical records that may be inaccurate. Updating historical records is not included in this change, and will be implemented at a future date.

7. Registration Census

7.1 Change Snapshot Description for "Before Grade Roll"

Products Affected: Registration Census EDW Tables

Universe Affected: N/A

Case Number: 20060316_184, 20060316_178

Date Implemented: May 18, 2006

Description: Decision Support has standardized the Snapshot Description for "Before Grade Roll" to appear as "Before Grade_Roll". Snapshot descriptions have been modified to the new value Before Grade_Roll for Snapshot Keys 112, 129, 153, and 189.

7.2 Change Sourcing for Academic College Code/Description Data

Products Affected: Recruiting & Admissions EDW Tables
                          Pre-Registration & Registration EDW Tables
                          Registration Census EDW Tables
                          Academic Records EDW Tables

Universe Affected: N/A

Case Number: 20060331_457

Date Implemented: May 18, 2006

Description: At the time that the Recruiting & Admissions EDW (and Banner modules) was implemented, there was no 'official' source for Organizational/Academic College Code/Description data in the Banner system (this official source was implemented at the time of Finance go-live). To accommodate reporting on Academic College data in Recruiting & Admissions, and, ultimately, other Student data areas, an EDW table was implemented to provide this data based on a look-up system. The data in this table was loaded at the time of implementation, but had not been updated since. Therefore, some data in this table may have no longer been accurate, as Academic Colleges have changed names or codes.

Decision Support has changed the sourcing for Academic College Code/Description data to the official source for Organizational / Academic College Code/Description data, the EDW table T_ORG_CD_HIST. This change in sourcing will ensure that future Academic College Code/Description data in the Recruiting & Admissions EDW is accurate and will reflect all changes to names or descriptions as they are made in the Banner source system.

Decision Support is performing analysis to determine the appropriate course of action to update historical records that may be inaccurate. Updating historical records is not included in this change, and will be implemented at a future date.

7.3   Correction to Concentration Code Data in Registration Census

Products Affected: Registration Census EDW Tables (T_RS_STUDENT)

Universe Affected: N/A

Case Number: 20060209_615

Date Implemented: May 4, 2006

Description: Decision Support previously noted an error with the processing logic used to populate the Primary Curriculum Concentration Code data in the Registration Census table T_RS_STUDENT. Previously, these values were not populated in the table. Decision Support will correct the issue to ensure that users are able to report on Primary Curriculum Concentration data for Registration Census dates.