Decision Support Release Notes

Release 2006-10

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1. General Data Warehouse

1.1 Add Section Meeting Hours Object to Schedule Universe

**Products Affected:** Data Warehouse Tables

**Universe Affected:**
- EDW – STU – Course Catalog
- EDW – STU – Course Schedule
- EDW – STU – Registration Complete

**Case Number:** 20060910_76

**Implemented On:** 19 October 2006

**Description:** Decision Support has identified several tables that have never been populated by the Banner source system. These tables contain no data, and are not being used by the source system. In order to simplify the Data Warehouse table structure and processing logic, Decision Support has removed these unpopulated tables, effective October 19, 2006. In addition, universe objects associated with these tables have been removed from EDW universes where applicable. The tables listed below will be removed from the Data Warehouse on October 19 and should be removed from any query or report logic:

- T_ADM_APPL_INTERVIEW_CD
- T_AR_DEP
- T_CLCCT_AGCY
- T_CRNCTR_RULE_CD
- T_CRS_EDUC_TYPE_CD
- T_CRS_AREA_REQRM_COMMENT
- T_CRS_AREA_RESTRICT_GRADE_CD
- T_CRS_AREA_RESTRICT_SUBJ_ATTR
- T_CRS_TERM_RESTRICT
- T_CUST_ACCT_CLCCT_AGCY
- T_DIV_CD
- T_EXAM_CD
- T_FA_FUND_BUDG_COMPNT
- T_PARTITION_CD
- T_RECRUIT_TYPE_CD
- T_ROOM_CATGRY_CD
- T_RPRCASH_DIR_LEND_CASH_DETAL
- T_RPRRFND_DL_SERVICER_REFUND
- T_RPRTIIV_TITLE_IV_FUND_RETURN
- T_SCHED_HIST
- T_SCHED_STATUS_CD
- T_SECT_PREREQ_HIST
- T_SECT_TEST_RESTRICT_HIST
- T_SITE_CD
- T_STUDENT_BASIC_SKILL_CD
- T_STUDENT_COOP_EDUC_POSN
- T_STUDENT_REG_HOUR_HIST_ARCH
- T_STUDENT_VETERAN
- T_TERM_RESTRICT_CD
- T_TEST_INSTRUMENT_CD
- T_TFER_CRS_EQ_UI_CRS
- T_VETERAN_TYPE_CD
- T_VISA_PORT_OF_ENTRY_CD
2. Catalog & Schedule

2.1 Add Section Meeting Hours Object to Schedule Universe

**Products Affected:** Catalog & Schedule Business Objects Universe  
**Universe Affected:** EDW – STU – Course Schedule  
**Case Number:** 20060720_296  
**Implemented On:** 19 October 2006  
**Description:** Decision Support has added a new object for Section Meeting Hours to the Course Schedule universe. This new object is located in the Section Meeting sub-class of the Section class. This object is sourced from the EDW table and column T_SECT_MEETING.SECT_MEETING_HOUR_NBR.

2.2 Restructure Section Meeting Class in Schedule Universe

**Products Affected:** Catalog & Schedule Business Objects Universe  
**Universe Affected:** EDW – STU – Course Schedule  
**Case Number:** 20060804_424  
**Implemented On:** 19 October 2006  
**Description:** Decision Support has restructured the objects available in the Section Meeting class in the Course Schedule universe. The Section Meeting class now contains the following objects:

- Subject-Course Nbr-Section
- Meeting Days
- Room – Building
- Start Time – End Time
- Start Date – End Date
- Time Conflict Override Indicator
- Section Meeting Hours
3. Finance

3.1 Adjust Sourcing for Fixed Asset Remaining Life Related Data

Products Affected: Finance EDW Table (T_FA)

Universe Affected: EDW – Finance Fixed Assets

Case Number: 20060728_372

Implemented On: 19 October 2006

Description: Decision Support has adjusted the sourcing for Fixed Asset Remaining Life data based on feedback from OBFS Property Accounting. The Banner source table FFBMAST_EST_LIFE_YEARS contains the actual full assigned estimated life in years of an asset, regardless of whether the asset is new or converted. The Fixed Assets table (T_FA) has been modified to use the FFBMAST_EST_LIFE_YEARS source table for the Estimated Life Years (FA_EST_LIFE_YEARS) column and the Estimated Life Months column (FA_EST_LIFE_MOS). The months data will be derived from the source using the formula FFBMAST_EST_LIFE_YEARS*12. In addition, the two Remaining Life-related objects in the Fixed Assets universe will return data based on the new sourcing.

Please note that Life Years will be empty for any record that is not capitalized (e.g., capitalization date is null), does not yet have a P-Tag assigned, or for some other reason has not yet had the depreciate parameters established using Banner table FFADEPR.

3.2 Add Grant Related Data to OL/GL Ledgers Universe

Products Affected: Finance Business Objects Universes

Universe Affected: EDW – Finance Ledgers OL/GL

Case Number: 20060713_269

Implemented On: 19 October 2006

Description: In order to facilitate easier grant related reporting in the Ledgers OL/GL universe, Decision Support has added objects for Grant Start and End Date and Principal Investigator Name to the Grant Fund class. Previously, users were required to combine universes in order to include this type of data in Ledgers reports. The new objects will facilitate easier and less error-prone reporting of this nature.
3.3 Modify Universe Join on GL Detail and GL Summary Data in OL/GL Ledgers Universe

Products Affected: Finance Business Objects Universes

Universe Affected: EDW – Finance Ledgers OL/GL

Case Number: 20060828_843

Implemented On: 19 October 2006

Description: Decision Support has modified the universe joins for GL Detail and GL Summary data in the Ledgers OL/GL universe. First, the join between GL transaction data and the C-FOAPAL code table has been modified to reflect the fact that only Chart, Fund, and Organization data is required information for GL transactions. Reports seeking or using other portions of the C-FOAPAL string will return results, however, results will no longer be erroneously excluded if these additional portions are not provided, as was the case previously.

3.4 New Indexes Added for Accounts Receivable Transactions and Customer Accounts tables

Products Affected: Finance Table Indexes (IE_AR_TRAN_2, AK_CUST_ACCT_1)

Universe Affected: N/A

Case Number: 20060629_295

Implemented On: 19 October 2006

Description: In order to provide performance improvement for some queries, Decision Support has added a new table index for the Accounts Receivable Transactions and Customer Accounts tables. The indexes are IE_AR_TRAN_2, and AK_CUST_ACCT_1. Check the DS Table Index Metadata for a description of the new index characteristics (http://www.ds.uillinois.edu/web/Home/Metadata/Index.aspx).

<table>
<thead>
<tr>
<th>TABLE NAME</th>
<th>COLUMN NAME</th>
<th>INDEX NAME</th>
<th>COLUMN POSITION</th>
<th>ASCENDING OR DESCENDING</th>
</tr>
</thead>
<tbody>
<tr>
<td>T_CUST_ACCT</td>
<td>EDW_PARTY_ID</td>
<td>AK_CUST_ACCT_1</td>
<td>1.00</td>
<td>ASC</td>
</tr>
<tr>
<td>T_CUST_ACCT</td>
<td>CUST_ACCT_ID</td>
<td>AK_CUST_ACCT_1</td>
<td>2.00</td>
<td>ASC</td>
</tr>
<tr>
<td>T_CUST_ACCT</td>
<td>CUST_ACCT_NAME</td>
<td>AK_CUST_ACCT_1</td>
<td>3.00</td>
<td>ASC</td>
</tr>
<tr>
<td>T_CUST_ACCT</td>
<td>CUST_ACCT_DLQ_CD</td>
<td>AK_CUST_ACCT_1</td>
<td>4.00</td>
<td>ASC</td>
</tr>
<tr>
<td>T_AR_TRAN</td>
<td>EDW_PARTY_ID</td>
<td>IE_AR_TRAN_2</td>
<td>2.00</td>
<td>ASC</td>
</tr>
<tr>
<td>T_AR_TRAN</td>
<td>AR_TRAN_BAL</td>
<td>IE_AR_TRAN_2</td>
<td>3.00</td>
<td>ASC</td>
</tr>
<tr>
<td>T_AR_TRAN</td>
<td>EDW_PARTY_ID</td>
<td>IE_AR_TRAN_2</td>
<td>2.00</td>
<td>ASC</td>
</tr>
</tbody>
</table>
4. Pre-Registration and Registration

4.1 Add Objects for Section Meeting Data to Registration Complete Universe

**Products Affected:** Registration Business Objects Universe

**Universe Affected:** EDW – STU – Registration Complete

**Case Number:** 20060804_424

**Implemented On:** 19 October 2006

**Description:** In order to facilitate more comprehensive Student Class Schedule reporting, particularly for Student Athletes, Decision Support has added Section Meeting related objects to the Registration Complete universe. A new Section Meeting class is now available, containing the following objects:

- Subject-Course Nbr-Section
- Meeting Days
- Room – Building
- Start Time – End Time
- Start Date – End Date
- Time Conflict Override Indicator
- Section Meeting Hours

These objects are sourced from the EDW table T_SECT_MEETING, and are also available in the Course Schedule universe.

4.2 Remove Unpopulated Objects from Registration Universes

**Products Affected:** Registration Business Objects Universe

**Universe Affected:** EDW – STU – Registration Complete

**Case Number:** 20060921_483

**Implemented On:** 19 October 2006

**Description:** Several objects relating to unpopulated EDW tables and/or columns have been removed from the Registration Complete and, if applicable, Registration Limited universes. These objects did not return data, because there was no data available in the EDW tables or in the Banner source system. The following unpopulated objects are no longer available in either universe:

- Student Secondary Curriculum Minor 2 Code / Name
- Student Secondary Curriculum Dept 2 Code / Name
- Student Primary Curriculum Major 2 Concentration 1 Code / Name
- Student Primary Curriculum Major 2 Concentration 2 Code / Name
- Student Primary Curriculum Concentration 2 Code / Name
- Student Secondary Curriculum Concentration 2 Code / Name
- Student Secondary Curriculum Concentration 3 Code / Name
- Student Secondary Curriculum Concentration 3 Code / Name
4.3 Correct Column Name Typos

**Products Affected:** Registration EDW Tables & Security Views (T_MAX_TEST_RESULT, V_MAX_TEST_RESULT_PRR)
Recruiting & Admissions EDW & Security Views Tables (T_MAX_TEST_RESULT, V_ADM_MAX_TEST_RESULT, V_RECRUIT_MAX_TEST_RESULT)

**Universe Affected:** N/A

**Case Number:** 20060728_347

**Implemented On:** 19 October 2006

**Description:** Decision Support noted typos in the names of three columns in the T_MAX_TEST_RESULT table and its associated views. The column names have been corrected to the following:

<table>
<thead>
<tr>
<th>Old Name</th>
<th>New (Corrected) Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>TEST_ACCOMODATION_CD</td>
<td>TEST_ACCOMMODATION_CD</td>
</tr>
<tr>
<td>TEST_ACCOMODATION_DESC</td>
<td>TEST_ACCOMMODATION_DESC</td>
</tr>
<tr>
<td>TEST_RESULT_SAT_REVISE_IND</td>
<td>TEST_RESULT_SAT_REVISED_IND</td>
</tr>
</tbody>
</table>

4.4 Add Access Rights to 2 New Tables to Registration Security Roles

**Products Affected:** Registration EDW Tables (T_STUDENT_CURR, T_STUDENT_FIELD_OF_STUDY)

**Universe Affected:** N/A

**Case Number:** 20061016_638 and 20061016_635

**Implemented On:** 19 October 2006

**Description:** Users with Registration security roles (PRR_FULL, PRR_LTD, and PRR_DIR) now have access to the T_STUDENT_CURR and T_STUDENT_FIELD_OF_STUDY tables implemented with the Banner 7 upgrade. These tables are available via ODBC. The T_STUDENT_CURR table contains Student Curriculum (Recruit, Applicant, Learner, Outcome) information that stores level, college, program and other data associated with a student's curriculum. The T_STUDENT_FIELD_OF_STUDY table contains Student Field of Study information that is directly tied to the student's curriculum by the Curriculum Sequence Number.
5. Records & Transfer Articulation

5.1 Add Access Rights to 2 New Tables to Records Security Roles

Products Affected: Academic Records EDW Tables (T_STUDENT_CURR, T_STUDENT_FIELD_OF_STUDY)

Universe Affected: N/A

Case Number: 20061016_638 and 20061016_635

Implemented On: 19 October 2006

Description: Users with Academic Records security roles (RTA_FULL, RTA_LTD, and RTA_DIR) now have access to the T_STUDENT_CURR and T_STUDENT_FIELD_OF_STUDY tables implemented with the Banner 7 upgrade. These tables are available via ODBC. The T_STUDENT_CURR table contains Student Curriculum (Recruit, Applicant, Learner, Outcome) information that stores level, college, program and other data associated with a student's curriculum. The T_STUDENT_FIELD_OF_STUDY table contains Student Field of Study information that is directly tied to the student’s curriculum by the Curriculum Sequence Number.

5.2 New Indexes Added for Academic Records Tables

Products Affected: Academic Records Table Indexes (AK_STUDENT_AH_CRS_1, IE_STUDENT_AH_CRS_GRADE_HIST_1, AK_STUDENT_AH_TERM_1)

Universe Affected: EDW – STU – Academic Records

Case Number: 20060918_396

Implemented On: 19 October 2006

Description: In order to provide performance improvement for some queries, Decision Support has added a new table index for some Academic Records tables. The indexes are AK_STUDENT_AH_CRS_1, IE_STUDENT_AH_CRS_GRADE_HIST_1, and AK_STUDENT_AH_TERM_1. In addition, the Academic Records universe has been modified to use the new indexes when appropriate. Check the DS Table Index Metadata for a description of the new index characteristics (http://www.ds.uillinois.edu/web/Home/Metadata/Index.aspx).
6. Recruiting & Admissions

6.1 Correct Column Name Typos

Products Affected: Registration EDW Tables & Security Views (T_MAX_TEST_RESULT, V_MAX_TEST_RESULT_PRR) 
Recruiting & Admissions EDW & Security Views Tables (T_MAX_TEST_RESULT, V_ADM_MAX_TEST_RESULT, V_RECRUIT_MAX_TEST_RESULT)

Universe Affected: N/A

Case Number: 20060728_347

Implemented On: 19 October 2006

Description: Decision Support noted typos in the names of three columns in the T_MAX_TEST_RESULT table and its associated views. The column names have been corrected to the following:

<table>
<thead>
<tr>
<th>Old Name</th>
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<td>TEST_ACCOMODATION_CD</td>
<td>TEST_ACCOMMODATION_CD</td>
</tr>
<tr>
<td>TEST_ACCOMODATION_DESC</td>
<td>TEST_ACCOMMODATION_DESC</td>
</tr>
<tr>
<td>TEST_RESULT_SAT_REVISE_IND</td>
<td>TEST_RESULT_SAT_REVISED_IND</td>
</tr>
</tbody>
</table>

6.2 Add Access Rights to 2 New Tables to Registration Security Roles

Products Affected: Recruiting & Admissions EDW Tables (T_STUDENT_CURR, T_STUDENT_FIELD_OF_STUDY)

Universe Affected: N/A

Case Number: 20061016_638 and 20061016_635

Implemented On: 19 October 2006

Description: Users with Recruiting & Admissions security roles (ADMISSIONS, ADMISSIONS_REST, RECRUITS, RECRUITS_REST) now have access to the T_STUDENT_CURR and T_STUDENT_FIELD_OF_STUDY tables implemented with the Banner 7 upgrade. These tables are available via ODBC. The T_STUDENT_CURR table contains Student Curriculum (Recruit, Applicant, Learner, Outcome) information that stores level, college, program and other data associated with a student's curriculum. The T_STUDENT_FIELD_OF_STUDY table contains Student Field of Study information that is directly tied to the student's curriculum by the Curriculum Sequence Number.

6.3 New Index Added for Admissions Applicant History

Products Affected: Recruiting & Admissions Table Indexes (IE_ADM_APPL_HIST_6)

Universe Affected: EDW – Current Applicant
Case Number: 20060517_399

Implemented On: 19 October 2006

Description: In order to provide performance improvement for some queries, Decision Support has added a new table index for T_ADM_APPL_HIST called IE_ADM_APPL_HIST_6. In addition, the Current Applicant universe has been modified to use this new index when appropriate. The index has the following characteristics:

<table>
<thead>
<tr>
<th>TABLE NAME</th>
<th>COLUMN NAME</th>
<th>INDEX NAME</th>
<th>COLUMN POSITION</th>
<th>ASCENDING OR DESCENDING</th>
</tr>
</thead>
<tbody>
<tr>
<td>T_ADM_APPL_HIST</td>
<td>TERM_CD</td>
<td>IE_ADM_APPL_HIST_6</td>
<td>1.00</td>
<td>ASC</td>
</tr>
</tbody>
</table>