

This is the SICAS Banner Student Self-Service 7.6S1 Release.

This release is dependent on the following releases:

General 7.6S1
Student 7.5S2
StuWeb 7.4S2

Campuses that have already installed Student 7.5S2 should install 7S5594 even if 7S5085 was previously installed.

Campuses that have already installed Student 7.5S2, 7S5594, and Student 7.6S should also install 7S5595.

SICAS Release Highlights:

- Course Evaluation Survey
- Accept Charges Survey

This release of Student Self Service includes two new surveys that were developed by SICAS using the SICAS Web Survey Tool. Please refer to the Web Survey Toolkit manual on the Documentation Tab of the SICAS Center website for information on configuration of all SICAS Web Surveys.

These surveys need to be installed and configured prior to use.

Course Evaluation Survey:

This survey has been developed to assist campuses in the collection of student evaluation of instruction. It contains a change to the functionality of the survey tool because it permits a student to complete the same survey multiple times in order to evaluate multiple courses. This survey can be forced, however doing so will force the student to evaluate all courses before being permitted to exit.

Each campus will need to add their own survey questions.

Technical information:

New SICAS supplied Web Application: COURSE_EVAL

Purpose: Collect responses to College defined Questions as a Course Evaluation

What is provided?

1. Web Application Code **COURSE_EVAL**
2. PL/SQL Package **BWCKYCEVL** with calls supporting the new page
3. Questions that can be used on the survey (or used as examples of questions)
4. Special COURSE_EVAL parameters to customize survey behavior:
 - a. **CEVAL_PIDMS** Store PIDMS with Course Eval data? (Determines whether PIDM is stored w/responses)
 - b. **CEVAL_TERM** Course Eval Active / Array by Term (Determines the terms that are active for evaluation)
 - c. Other defaulted values for parameters to support standard use of the pages.

Page Features

- Supports being forced—list of courses to evaluate will shrink as the survey is filled in; when list is empty it will exit the survey.
- Runs in the 999999 term (user must activate this term and set CRN Term using CEVAL_TERM parameter.
- Multiple Terms can be active at the same time.
- PIDM can optionally be stored with the data or set to ZERO – survey engine will still know which courses have been evaluated by whom.
- Bypasses the standard navigation of the Survey Tool—special [NOFOOTER] resources need to be placed on each page of the SURVEY.
- Data is stored to the SORYRSP repeating table with a KEY of TERM.CRN.USI (where USI is uniquely related to PIDM)

Setup Required

1. SOAYWQT FORM
 - a. Create the questions you wish to ask each student about each CRN.
 - b. Create copies of [NOFOOTER] navigation toolbar if you will have more than one page of campus supplied questions.
2. SOAYWQS FORM
 - a. Add the following two SICAS Supplied questions to the Layout for the 999999 Survey.
 - i. Question Category **0-CLASS LIST** ... must appear as only question on PAGE 1 of the survey. Statement questions or your own may be added to this page as needed.
 - ii. Question Category **0-TOOLBAR_PAGE_1** ... must appear on Page 1 – creates a single navigation button to continue the survey.
 - iii. Add the first Campus defined question for the student to respond to and Check **Page Break** so that it starts Page 2.
 - iv. After all the questions for this page have been added then if more questions will be placed on another page then add **1-TOOLBAR_PAGE_2** or add **9-TOOLBAR_PAGE_SUBMT** if this is the last page.
 - v. Create additional pages as needed (you will need to make more copies of **1-TOOLBAR_PAGE_2** for additional pages before the last page. You must use add **9-TOOLBAR_PAGE_SUBMT** on the last page.
3. SOAYWAC FORM
 - a. Place a CHECK on the ACTIVE record with the 999999 Subscript.
 - b. Create one or more CEVAL_TERM records with Term Code subscript—place a check on terms to activate for evaluation.
 - c. Optionally set the FORCE_ON_MENU parameter to Force the Course Evaluations.
4. Web Tailor Administrator needs to place this application on a Menu if the Student will be choosing to evaluate classes.

Setup not usually Required

SICAS provides a number of CALL procedures in BWCKYCEVL that are inserted into key Call Parameters (i.e. PAGE_CALL) by the installation. Replacing these should be done with care to assure that the work they do to support page function is either replaced by similar logic in the new routine or that the existing SICAS routine is called by your replacement routine.

- **HEADER_CALL** Formats the header to display the CRN details being evaluated on all pages with Campus defined questions.
- **QUESTION_CALL** Required by SICAS supplied **9-TOOLBAR_PAGE_SUBMT**
- **PAGE_CALL** Provides all navigation logic, all response saving logic on SUBMIT and handles looping for more classes to evaluate.
- **PIDM_CALL** Automatically inserts a user selecting the application from a menu – **PAGE_CALL** will send anyone without CRNs to evaluate away so this is always safe. This procedure also cleans up stranded data records so it should always be in use.
- **TERM_SELECT** Other CRN based surveys use **TERM_SELECT** to interact with the Term Selected by the Student on the Registration Menu. This application uses **ONLY** the **CEVAL_TERM** parameter and is **NOT** compatible with **TERM_SELECT**.

SICAS also provides other CALL routines a campus may choose to use:

- **PROCEDURE py_MembershipCall** Place in **MEMBERSHIP_CALL** to add students to the 999999 **COURSE_EVAL** population automatically during SSB Login. Only needed if **FORCING** the survey.
- **PROCEDURE py_PopulationCall** Place in **POPULATION_CALL** to add students in mass from the **SOAYWSP** form—end user must select to do this when **CEVAL_TERM** parameter(s) change. Only needed if **FORCING** the survey and not choosing to use the **MEMBERSHIP_CALL** option above.

Accept Charges Survey:

SICAS has developed a survey to allow students to accept their charges for one or more active terms. This survey will collect the response from the student store it and update the Accept Charges indicator on the **SFBETERM** record for that term. If multiple terms are active for this survey, the student is presented with a list of terms and asked to provide one response for **ALL** terms on the list. The Accept Charge indicator is updated for all terms.

Technical Information:

New SICAS supplied Web Application: **ACCEPT_CHARGES**

Purpose: Allow Students to accept their charges for one or more active terms.

What is provided?

5. Web Application Code **ACCEPT_CHARGES**
6. PL/SQL Package **BWCKYCHAC** with calls supporting the new page
7. Questions that can be used on the survey (or used as a starting point)
8. Special **ACCEPT_CHARGES** parameters to customize survey behavior:
 - a. **ACCEPT_CAMPUS** Name to use for Campus in Question Texts – substitutes for a special tag in some Question Resources.
 - b. **ACCEPT_TERM** Active Term for this App / Array by Term (Determines the terms that are active for charge acceptance).
 - c. Other defaulted values for parameters to support standard use of the pages.

Page Features

- Supports being forced using the **FORCE_ON_MENU** option.
- Runs in the 999999 term (user must activate this term using **ACCEPT_TERM** parameter).
- Multiple Terms can be active at the same time—Term or Terms are displayed based on the number of active terms the student needs to accept.
- Bypasses the standard navigation of the Survey Tool—special **[NOFOOTER]** resource needed for the **SINGLE** application page.

- Some “question resources” are statements that the campus may wish to modify. These describe what is meant by Charge Acceptance.
- Response Data is stored to the SORYRSP repeating table with a KEY of **PIDM:TERM** and multiple term acceptances create separate records for each term.
- Question Text can be optionally stored in the SORYRSP repeating table with a KEY of **PIDM:TERM:Store** to retain the notices and descriptions displayed to the student; special tags [STORE1] through [STORE5] support this feature.
- The Grid of Registration Terms and Totals displayed to the student is stored in the SORYRSP repeating table with a KEY of **PIDM:TERM:Charges**.

Setup Required

5. SOAYWQT FORM
 - a. Modify the text of Statement Resources in anyway the campus deems necessary. A Campus could choose to create more such resources.
 - b. The actual question used by the student to “sign” the page can be altered if desired but this requires care.
 - c. Note the following special tags are always available for your use inside these texts:
 - i. **{FULLNAME}** Full name of the Student currently using the page.
 - ii. **{CAMPUS}** Campus Name as entered on the ACCEPT_CAMPUS parameter or “our campus” if the parameter is empty.
 - iii. **{STORE n }** Where n is a single digit between **1** and **5**. Used to mark question texts so they are stored in the Responses.
 - iv. **{SINGLE}** Used to mark a Question Resource to display when only ONE TERM is being accepted.
 - v. **{MULTIPLE}** Used to mark a Question Resource to display when MORE THAN ONE TERM is being accepted.
6. SOAYWQS FORM – Add the following SICAS Supplied questions to the Layout for the **999999** Survey (you may have created additional resources as well)
 - a. Question Category **CHARGE_ACCEPT_TEXT** ... should be the first Question on the page—description should be altered to what campus wants.
 - b. As designed the next two question resources are displays of the Term and Dollars to Accept (they appear next to each other in either order):
 - i. Category **REGISTRATION/CHARGE** is the SINGLE TERM TO ACCEPT display (contains the {SINGLE} tag)
 - ii. Category **REGISTRATION/CHARGES** is the MULTIPLE TERMS TO ACCEPT display (contains the {MULTIPLE} tag)
 - c. Question Category **ACCEPT_ALL_CHARGES** is the actual question the student responds to indicating they are accepting their charges.
 - d. Question Category **IMPORTANT_NOTES** is optional – SICAS delivers this with a warning that future term charges are also being accepted.
 - e. The last resource on the page should be Question Category **FOOTER**. It supplies the page navigation which is simply a SUBMIT button.
7. SOAYWAC FORM
 - a. Place a CHECK on the **ACTIVE** record with the **999999** Subscript.
 - b. Create one or more **ACCEPT_TERM** records with Term Code subscript—place a check on terms to activate for accepting charges.
 - c. Optionally set the **FORCE_ON_MENU** parameter to Force the Charge Acceptance.
8. Web Tailor Administrator needs to place this application on a Menu if the Student will be choosing to evaluate classes.

Setup not usually Required

SICAS provides a number of CALL procedures in BWCKYCEVL that are inserted into key Call Parameters (i.e. PAGE_CALL) by the installation. Replacing these should be done with care to assure that the work they do to support page function is either replaced by similar logic in the new routine or that the existing SICAS routine is called by your replacement routine.

- QUESTION_CALL Question Call is used to support special tag replacement and Question Text storage in results (using **[STOREn]** tags).
- SUBMIT_CALL Implements custom submit logic: stores response, charge summary, optionally stores question text and update SFBETRM record.
- SURVEY_CALL Used to determine whether or not any active terms are unaccepted – prevents entry to the page when there is nothing to do.
- PIDM_CALL Automatically inserts a user selecting the application from a menu when appropriate.
- MEMBERSHIP_CALL Automatically adds a person to the population during login AND removes the SUBMIT_DATE when new unaccepted terms are found.
- MEMBERSHIP_RECALL Supports the SUBMIT_DATE clearing in MEMBERSHIP_CALL.
- SURVEY_HEADER_CTRL Set to SCTSTYLE to eliminate the SICAS style header for this application.
- TERM_SELECT Other CRN based surveys use TERM_SELECT to interact with the Term Selected by the Student on the Registration Menu. This application uses ONLY the ACCEPT_TERM parameter and is NOT compatible with TERM_SELECT.

SICAS also provides other CALL routines a campus may choose to use:

- PROCEDURE py_PopulationCall Place in POPULATION_CALL to add students in mass from the SOAYWSP form—end user must select to do this when ACCEPT_TERM parameter(s) change. Only needed if FORCING the survey and not choosing to use the MEMBERSHIP_CALL option above.

Problem Resolutions:

RF#	Campus	Release	Object(s)	Title
4779	Canton	7.4S2	BWCKYALR1	Fake Semo Addresses (used to register without email) are not being sent
4933	SICAS Center	7.4S2	BWCKYALRT	Local Membership Call support does not support Recall Logic
5035	SICAS Center	7.4S2	BWCKYSWP1	NY-ALERT pages missing data when Forced for Confirmation
5062	SICAS Center	7.4S2	BWCKYSWP1	Web Tools Page has misleading Tooltip over entire page.
5100	SICAS Center	7.4S2	BWCKYALRT	BWCKYALRT still not re-forcing on New Terms
5141	Jamestown CC	7.4S2	SCRYEMG	Former employee extracted by SCRYEMG
5158	SICAS Center	7.4S2	BWCKYETHN	Ethnicity Survey
5180	Oswego	7.4S2	BWCKYETH1	Ethnicity Survey - Not showing completed when it is complete
5208	Oswego	7.4S2	BWCKYETHN,	Ethnicity Survey not functioning properly

5297	SICAS Center	7.4S2	BWCKYETH1	SICAS Ethnicity Survey does not force some students to the Page
5346	SICAS Center	7.4S2	BWCKYETH1	Hispanics without an Origin still not Forced
5361	Cayuga CC	7.4S	BWCKYPRNF	Only prints one instructor & randomly chooses which one
5408	Fashion Institute of Technology		ETHNICITY SURVEY	Race Question Verbiage Change
5537	Cayuga CC	7.5.2S	SPRYHIS	Issue w/Package Body BANINST1.bwckymeng
5614	Cayuga CC			008 delivered with invalid Back Link URLs
5630	Binghamton	8	BWLKYWARN,BWCKYS WPS	Large Classes in Early Warning
5808	Jamestown CC	7.4S2.2	BWCKYSWPS,BWCKYS WP1	Users unable to respond to forced survey (NY-ALERT)
5884	SICAS Center	7.5S2	BWCKYALRT,BWCKYS WPS	NY-ALERT Constraint on SOTYWSR Error remains a problem (plus RF#5837 & RF#5867)

RF# 4779 Fake Semo Addresses (used to register without email) are not being sent

Problem:

The generated "fake semo" email addresses used to allow students or employees to register for alerts without using an email address are not being included in the SCRYEMG generated extract file. This creates errors when uploaded to System Admin. The addresses are stored in the SCRYNYC table but the Primary Email column in SCBYNYA is empty.

Response:

This patch corrects the problem by populating the Primary Email column in the base table during submit. This patch also distributes FZ_ALERT_LocalRole (an enhancement that allows local NY-ALERT role control) since that was ready for release and maintaining two code bases was not desirable.

RF# 4933 Local Membership Call support does not support Recall Logic

Problem:

Reported Severity: Medium
Object Locally Modified: No

The NY-ALERT package added specific support for campuses using PAYROLL to adapt the Force logic to find Employees in that module without replacing all of the Student and Faculty logic.

This support works for initial forcing but will not force Employees to review their data in later terms.

Response:

An optional parameter has been added to both Membership Call procedures in the BWCKYALRT package. When a local campus calls these, they can now indicate

that the RECALL logic should be run for the current pidm.

If you do not use this parameter (set to 'Y') when you call the SICAS baseline logic then pidms you add will never be forced in downstream terms.

This patch is dependent on RF4779.

RF# 5035 NY-ALERT pages missing data when Forced for Confirmation

Problem:

Reported Severity: Medium

If a person chooses to modify responses on NY-ALERT during Forced Confirmation. Data is sometimes missing from the displayed pages.

Response:

RF #5062 replaces this RF.

Forced Surveys were not executing the PIDM_CALL after the first time they were forced. For this reason the data reload portion of that call was not being executed. The initial forcing logic was not built for regularly reforcing the survey the way NY-ALERT does.

All Forced Calls will now execute the PIDM_CALL logic which offers an opportunity to insert the PIDM (never needed during a force call) and reloading of data (which might be needed during forced execution).

RF# 5062 Web Tools Page has misleading Tooltip over entire page.

Problem:

Reported Severity: Low

Web Tools application pages always display a "Submit Page" tooltip over the entire page. This is confusing and annoying.

Response:

Eliminated the tooltip by removing an unnecessary attribute setting on the form object for the page. No tooltip is now produced.

Also added support for [\$EXIT] and [\$EXIT SURVEY] buttons. These do exactly what the [EXIT] and [EXIT SURVEY] buttons do but will NOT display on survey reentry--it only appears when a survey is filled in before any answers are submitted. This retires RF#4476.

Eliminates the need to remove the "twbkwbis.P_MainMnu?name=" from the FORCE_ON_MENU values on SOAYWAC. Both the long and short syntaxes will work after this patch is installed.

IMPORTANT NOTE: BWCKYSWPS.SQL and BWCKYSWP1.SQL exist in both STUWEB (prior migration path used by SICAS) and SCOMWEB (new

target). A future STUWEB release will delete the items in STUWEB. For now be careful to compile and use ONLY the SCOMWEB objects.

RF# 5100 BWCKYALRT still not re-forcing on New Terms

Problem:

Reported Severity: High

A further refinement of the recall logic now fixes the last type of Re-Force logic failure. No change to the calling routines are needed in this case.

Response:

New version of Package and Body shipped with RECALL logic adjusted.

RF# 5141 Former employee extracted by SCRYEMG

Problem:

Reported Severity: Medium

Platform: UNIX

Object Locally Modified: No

Employees that leave continue to have an SSB Employee Role in order to have access to there historic employee data on campus. With this role they continue to be extracted by the SCRYEMG process unless they de-register fot the service. Inactive employees should not be sent to NY-ALERT.

Response:

Adjusted the package and SQR to NOT include PIDMs that are INACTIVE on SORYWSP for the NY_ALERT 999999 population.

Also altered the SQR to use the Primary Contact information on the Contact Information Tab on SOAYDTI ALRT interface and Campus ID from the Validation Codes tab. These values were being sent from GBTYCNT table (which is now obsolete).

RF# 5158 Ethnicity Survey

Problem:

Need survey to collect new ethnicity/multiple race information from Students via Self Service. This survey was originally shipped in RF 5087. This survey did not properly crosswalk between the regulatory race codes and the institution race codes.

Response:

The crosswalk was changed to properly handle the difference between the regulatory codes and the institution codes.

SICAS Survey created to collect updated Ethnicity and Race information. This RF will provide the three questions with a Term 999999 layout. SICAS is not placing this on a WebTailor Menu--this is left to the local campus. This survey supports Forcing participation via MEMBERSHIP_CALL entry (assigned as shipped) and Forced display of the Survey via FORCE_ON_MENU entry (must be created at

local campus).

Other fixes contained in this patch include:

- 1-Fixed error reporting in PY_INIT_ALL_PARAMETERS() call. The error reported was incomplete providing no indication of what caused the problem.
- 2-Eliminated TOOL TIP of "Submit Page" on the entire form.
- 3-Added support for [\$EXIT] and [\$EXIT SURVEY] buttons which only appear on surveys when they are Unsubmitted (disappear when survey is re-entered).

Includes the objects in RF#5062

RF# 5180 Ethnicity Survey - Not showing completed when it is complete

Problem:

Reported Severity: Medium
Platform: UNIX
Object Locally Modified: No

After filling in the ethnicity survey date, the data stored correctly, but it is still not recording that the survey is complete.
It tells me to return to the menu, but when I click on the link, I'm given no choice but to complete the survey again.

Response:

SORYWSP records were not being updated with a SUBMIT DATE so the Forced Survey logic did not see that the survey had been completed. The package now updates that column correctly.

RF#5158 is required before this patch can be applied.

RF# 5208 Ethnicity Survey not functioning properly

Problem:

Reported Severity: Medium
Object Locally Modified: No

When testing the SICAS web survey to collect the new Race/ Ethnicity data elements we have seen the following problems.

1. A Hispanic origin can be entered without answering the Hispanic Yes/No question.
2. If a student does not respond to the Race question, existing data on SPAPERS is deleted. It appears that a null is inserted when the student does not answer.

Response:

1. Hispanic Origin question (second page) will no longer display if the Hispanic Yes or No question is left blank (first page).
- 2.The RACE question supplied in the original ETHNICITY survey was designed

to ask exactly what the federal government wants reported. Since campuses can collect finer data than they report, the question was not adequate for campuses collecting additional data. SICAS is shipping a second question that uses whatever races are crosswalked on GORRACE to codes of '1' through '5' and stores those race directly. It is the campuses responsibility to assure that the mandated reporting races are available for selection.

Also, the BWCKYETHN package no longer deletes RACE information from GORPRAC if the race code for that record is not mapped to a federal reporting code.

To use the new Race Question, remove the existing question with a category of "RACES" and add the one with category of "RACES_ALT". The new version of SOAYWQS that ships with this RF will allow this change to be made but will likely ask you whether or not to DELETE RESPONSES before editing the survey. The responses that this survey has in the survey tables are temporary results which should be deleted when this change is made. DELETE and EDIT (the first option) is appropriate. This will NOT remove ethnicity data in Banner.

You will also have to insert the QUESTION_CALL parameter value of "BWCKYETHN.fy_QuestionCall" (quotes are not entered on that form). The new Question Call procedure is ONLY needed if you are using the new RACES_ALT question on your survey.

RF# 5297 SICAS Ethnicity Survey does not force some students to the Page

Problem:

Reported Severity: Medium

The survey is not forcing the students that used to have Hispanic as a Race into the population. These records have Hispanic set to YES but have no Races on SPAPERS and no Hispanic Origin data. This is probably the most important population to request new data from.

Some campuses might just want to insert all currently registered students so they can all decide how to fill in Race (now that it allows multiples and has more Race options). This would be implemented in a new POPULATION_CALL procedure in the package.

Response:

1. In the BWCKYETH package we altered py_MemberahipCall to add person with zero race records and those with Hispanic set to yes but not Origin selected and added py_PopulationCall to insert all currently registered students for a term.
2. In the SOAYWSP form we corrected the delete logic to remove uncommitted SORYWSR records that they were never submitted; added a collection of the TERM CODE when Population_Call is used with 999999 term surveys. This allows the call to process another term but add it to the 999999 population (if the call is built to do that). It will default the 999999 term.

RF# 5346 Hispanics without an Origin still not Forced

Problem:

If a person is list as Hispanic or Latino on the New Ethnicity but has not Hispanic Origin set on SPAPERS they still are not being forced.

Response:

Corrected the Hispanic checking logic for this case in py_MembershipCall. It was testing for the FORM value but the function being used returns the SURVEY value. This has been corrected.

RF# 5361 Only prints one instructor & randomly chooses which one

Problem:

Object Locally Modified: No

Even when a section has more than one instructor, the cursor sirasgnc is only fetched from once (about line 242). There is no order by clause on the select of the cursor, so the result is a random choosing of which instructor to display. The cursor needs to order first by the primary indicator, then possibly alphabetical by instructor name.

Response:

Campuses should be switching to use the SunGard Concise Schedule option which was shipped in a patch and a Banner 8 stuweb release. The SICAS schedule print is being de-supported in Banner 8.

For now, the code can be modified by replacing the current select statement for the sirasgnc cursor with the similar code used in the bwckerse package as follows:

```
CURSOR sirasgnc (term_in stvterm.stvterm_code%TYPE,  
crn_in sbssect.sbssect_crn%TYPE,  
category_in sirasgn.sirasgn_category%TYPE DEFAULT NULL)  
IS  
SELECT spriden_pidm  
DECODE(F_FORMAT_NAME(SIRASGN_PIDM, 'FMIL'),'NAME NOT  
FOUND FOR PIDM: ','TBA',F_FORMAT_NAME(SIRASGN_PIDM, 'FMIL'))  
instr_name  
FROM sirasgn, spriden  
WHERE sirasgn_pidm = spriden_pidm  
AND sirasgn_term_code = term_in  
AND sirasgn_crn = crn_in  
AND ( sirasgn_category = category_in  
OR category_in IS NULL )  
AND spriden_change_ind IS NULL  
ORDER BY sirasgn_primary_ind, spriden_last_name,  
spriden_first_name,spriden_mi;
```

Modified the cursor in the package. --MIZ 17-APR-2009

RF# 5408 Race Question Verbiage Change

Problem:

We have had a request from our HR department to have the verbiage from the Race question changed to read "All Students, Faculty and Staff, please indicate your race(select one or more):..."

Additional request

One other thing. Is there any way to get the SICAS Ethnicity survey to populate the Ethnicity/Race confirmed check box (SPBPERS_CONFIRMED_RE_CDE) and Confirmed Date field (SPBPERS_CONFIRMED_RE_DATE) when the survey is completed?

The reason I ask is the SunGard survey requires this be filled in, in order to not re-survey the faculty or staff member. We have some faculty and staff that are students as well and will be required to complete the student survey (SICAS survey) and if these fields are not complete the SunGard survey will survey them as well. We do not want them to have to answer two different surveys.

Response:

- 1.The wording needs to be changed in two areas. The initial statement refers to All Students, Faculty and Staff being asked to answer the survey, when in fact only students are asked. The race question also begins with "All Applicants" and that needs to be removed.
2. Get the SICAS Ethnicity survey to populate the Ethnicity/Race confirmed check box (SPBPERS_CONFIRMED_RE_CDE) and Confirmed Date field (SPBPERS_CONFIRMED_RE_DATE) when the survey is completed.

RF# 5537 Issue w/Package Body BANINST1.bwckymeng

Problem:

Object Locally Modified: No

We have the meningitis survey installed and have come across an issue I believe should be considered an error.

Beginning on line 93 is the following code:

```
--BEGIN SICAS 6.2S2 KMH
SELECT NVL(MAX(SPRYHIS_SEQNO),1)
INTO yhis_seqno
FROM SPRYHIS
WHERE SPRYHIS_YHIS_CODE = 'MENG'
```

```
AND SPRYHIS_PIDM = pidm_in;
INSERT INTO SPRYHIS
(spryhis_pidm,
spryhis_yhis_code,
spryhis_seqno,
spryhis_date,
spryhis_result,
spryhis_comment,
spryhis_user_id,
spryhis_activity_date)
VALUES
(pidm_in,
'MENG',
yhis_seqno,
c_rec.SORYWSR_VALUE,
NULL,
'Meningitis Shot Dates',
USER,
SYSDATE);
--END SICAS 6.2S2 KMH
```

Perhaps this is just the way I think but in this code you start by looking for a MAX value on Sequence Number and then use that same number to do an INSERT... why would you INSERT a row where one already exists (has the same sequence number) ... this would work well if the student had no associated row in SPRYHIS but the moment a row or more exists in SPRYHIS for the same SPRYHIS_YHIS_CODE would you not want to get the MAX sequence number and then add 1 to it ??

Getting the MAX number and using it for an UPDATE would make sense... but you can not try to INSERT a row using the same sequence number as one that already exists... I can and will alter the code to work properly the way I see it, but I wanted to give you the heads up first in hopes of making a global fix for any and all other campuses who are using this.

Response:

Change code to select a one-up # from max Seq.

```
SELECT NVL(MAX(SPRYHIS_SEQNO+1),1)
INTO yhis_seqno
FROM SPRYHIS
WHERE SPRYHIS_YHIS_CODE = 'MENG'
AND SPRYHIS_PIDM = pidm_in;
```

RF# 5614 008 delivered with invalid Back Link URLs

Problem:

Reported Severity: High
Platform: UNIX
Object Locally Modified: No

We need to fix the URLs.

Subject: 008 delivered with invalid "Back Link URL"s...
Also, can you fix your install scripts to deliver a valid URL?

```
SQL> set linesize 1000
SQL> column item_name format A34
SQL> column item_desc format A68
SQL> column back_url format A17
SQL> SELECT T.TWGBWMNU_NAME item_name, T.TWGBWMNU_DESC
item_desc, T.TWGBWMNU_BACK_URL back_url
FROM WTAILOR.TWGBWMNU T
WHERE (REPLACE (TWGBWMNU_BACK_URL,
'twbkwbis.P_GenMenu?name=', ') NOT IN
(SELECT T.TWGBWMNU_NAME
FROM WTAILOR.TWGBWMNU T))
AND LOWER (TWGBWMNU_NAME) LIKE '____y%'
```

```
ITEM_NAME ITEM_DESC BACK_URL
```

```
-----
bwckyrcm.P_DispcmpResults_stumenu Registration Compliance Results
bmenu.P_StuRegMnu
bwckyrcm.P_DispcmpResults Registration Compliance Results
bmenu.P_StuRegMnu
bwckyrcm.P_ProccmpResults Registration Compliance Results
bmenu.P_StuRegMnu
bwckyrcm.P_Dispcoursecount Registration Compliance Information - Course
Doesn't Count bmenu.P_StuRegMnu
bwckyrcm.P_Disprepeatcourse Registration Compliance Information - Repeated
Course bmenu.P_StuRegMnu
bwckyrcm.P_Dispfinaidelig Registration Compliance Information - Not Eligible
for Financial Aid bmenu.P_StuRegMnu
bwckyrcm.P_DispcmpResults_stumenu Registration Compliance Results
bmenu.P_StuRegMnu
```

7 rows selected.

Response:

Created itwgbwmnu script to update the URL to 'bmenu.P_RegMnu' procedure
and link text to 'Return to Registration Menu'.

RF# 5630 Large Classes in Early Warning

Problem:

Reported Severity: Low
Object Locally Modified: No

When navigating to large classes (say 200-300 persons) in the Early Warning Application, we receive an error in the form of Page not Found. Is there a way to make it possible to query these large numbers?

Response:

The support package BWLKYWARN has two new Functions that support a new "LONG_CLASS_LIST" Question. This question depends on a second new question "LONG_CLASS_LIST_CNT" which must appear on the same page of the survey BEFORE the "LONG_CLASS_LIST" question. Additionally the following new parameters are available on the SOAYWAC:

APP_BTNS: Sets the labels for the Student List Navigation Buttons
Subscript of BACK = sets Backward button label (default=Previous Students)
Subscript of NEXT = sets Forward button label (default=More Students)

APP_PIDMS: Number of students to limit the display (default=50)
(navigation buttons are available to move through the full list)

These two Parameters are not new but were not used in the original EARLY_WARNING application. These values will be required when a campus uses the new Long Class List feature:

PAGE_CALL: Must be set to BWLKYWARN.fy_PageCall

QUESTION_CALL: Must be set to BWLKYWARN.fy_QuestionCall

To implement the Long Class List option follow these steps (steps start with **)

** Use SOAYWQT to create "LONG_CLASS_LIST_CNT" Question of Database type with Question Text:

```
[NODISPLAY]
[CODE]
SELECT COUNT(*) [R]
FROM spriden, sfrstcr
WHERE spriden_pidm = sfrstcr_pidm
AND spriden_change_ind IS NULL
AND (sfrstcr_error_flag IS NULL
OR sfrstcr_error_flag NOT IN ('D', 'F'))
AND sfrstcr_term_code = '{TERM}'
AND sfrstcr_crn = '{CRN}'
ORDER BY UPPER (spriden_last_name),
UPPER (spriden_first_name),
UPPER (spriden_mi);
[NOTE]
```

This is a special count of eligible PIDMs used to detect the end of the pages of display.

[BIND=PIDM8]

** add this new question to the survey BEFORE the current Student Selection question using SOAYWQS form.

** Then use SOAYWQT to create question "LONG_CLASS_LIST" of Database type with question text:

[PAGE=*BACK* 0]

[RADIOGRID>Students List|Student ID|Student Name|Reported

[PAGE=*NEXT* 0]

[CODE]

```
SELECT pidm [R], id [R1], nam [R2], dat [R3] FROM
(
SELECT rownum num, pidm, id, nam, dat
FROM
(SELECT spriden_pidm pidm, spriden_id id, spriden_last_namell',
'\\spriden_first_namell' '\\spriden_mi nam,
BWCKYSWPS.fy_submitted_survey('{APP}',[PIDM],[TERM]','{TERM}[PIDM
]'{CRN}'\\spriden_pidmll'%'',[DATE]','") dat
FROM spriden, sfrster
WHERE spriden_pidm = sfrster_pidm
AND spriden_change_ind IS NULL
AND (sfrster_error_flag IS NULL
OR sfrster_error_flag NOT IN ('D', 'F'))
AND sfrster_term_code = '{TERM}'
AND sfrster_crn = '{CRN}'
ORDER BY 3,1
))
WHERE num>=NVL(BWCKYSWPS.fy_GetBindValue([PIDM],'PIDM1'),1)
AND num
```

[NOTE]

This is a special version of the student question for LONG lists of students in a class. Supports navigation.

[BIND=STUPIDM]

** use SOAYWQS to REPLACE the current Student Selection question with this question on the survey. Note that you MUST NOT make the student selection question REQUIRED (checkbox on the SOAYWQS form) -- the validation is still done within the package but the form check version is not compatible with the Long Class List.

The multiple page student selection should now be working.

RF# 5808 Users unable to respond to forced survey (NY-ALERT)

Problem:

Reported Severity: High
Platform: UNIX
Object Locally Modified: No

We currently force students to respond to the NY-ALERT survey. Some users are unable to respond. This locks them out of Banner Self-Service.

We see the following in the logs when this happens:

ORA-00001: unique constraint (SATURN.PK_SOTYWSR) violated
ORA-06512: at "BANINST1.BWCKYSWPS", line 4658
ORA-06512: at line 31

One of our programmers noticed something odd. The table SOTYWSR has a primary key PK_SOTYWSR with 4 fields:

SOTYWSR_PIDM
SOTYWSR_YWAP_CODE
SOTYWSR_TERM_CODE
SOTYWSR_SORYWQS_SEQNO

However, before the program inserts a new row in the table, it checks for any row which matches these criteria plus two additional ones:

SOTYWSR_SORYWQS_VERSION
SOTYWSR_SORYWQS_DISP_POS

Did we miss some patch or upgrade that added these fields to the primary key?

If this isn't the problem, why is the program trying to add records to the table which already exist?

Response:

The code during SSB Login was clearing out only one of two Temporary Tables used in the Survey Package. This caused the process to fail. The code has been modified so that the second table is now being cleared out as well.

RF# 5884 NY-ALERT Constraint on SOTYWSR Error remains a problem (plus RF#5837 & RF#5867)

Problem:

Reported Severity: High

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Platform: UNIX

Object Locally Modified: No

ORIGINAL PROBLEM REPORT FROM RF#5808

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SOTYWSR_TERM_CODE  
SOTYWSR_SORYWQS_SEQNO
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SOTYWSR_SORYWQS_VERSION  
SOTYWSR_SORYWQS_DISP_POS
```

Did we miss some patch or upgrade that added these fields to the primary key?

If this isn't the problem, why is the program trying to add records to the table which already exist?

Response:

The SORYWSR table is used as a temporary storage location for this application. Since this is often the permanent location for WebTools data it is not cleared during initialization of the survey. Since NY-ALERT loads data from the SCRYNYA table existing SORYWSR records from older survey layouts can cause duplicates within the SOTYWSR table (loading the same record from SORYWSR and SCRYNYA).

The BWCKYALRT package body now deletes the contents of the SORYWSR and SOTYWSR tables before the SCRYNYA records are loaded.