I. Introductory Information

A. Date:  Monday, April 25, 2005  
   Time:  4:00PM – 6:00PM  
   Place:  RIT Conference Room (70-1688)

B. Attendees
Kristy Rozanski  Kristina.Rozanski@gmail.com  
Dave Kerstanski  djk9149@rit.edu  
Jessica Linendoll  jal9955@rit.edu  
Dan Lovette  dwl2239@rit.edu  
Dr. Vallino  jvallino@mail.rit.edu  
ALSTOM team:  
   Jack Perkins  
   Joe Missler

C. Meeting Objective
The objective of the meeting is to get feedback on release of Iteration 3 and to elicit final set of requirements for the system.

D. Member Roles
   Leader:  Kristy  
   Recorder:  Jessica

II. Discussion & Decision Making Outcomes

A. Feedback on Iteration 3 Release
   Discussion Leader:  Kristy

   0 – Kristy
   Program number record for the CSEX board that owns the application (CSEX #2, not CSEX #1, #3, and #4).

   Do not need to worry about it.

   1 – Tim (Req. 3.7.6)
   Enforce the Print/Save buttons are checked. Disable the OK button if neither is selected.
2 - Kristy
Wording on the Graphic Symbols Used Sheet:
True State – Normally Closed
False State – Normally Open

Jack will get back to team on this.
Time delay units must change (refer to handouts from Jack).

3 - Kristy
Missing System ID field (bug fix – this is specified in the SRS).

4 - Dave
Problem with Usable Area Customize field – saves even when Cancel button is pressed (bug fix). Dave fixed this today

5 - Kristy
Date and Page number missing in border

Page number: Not in border because DXF border has no ATTDEF field for the page number (appears on a separate DXF layer in DXF output files).

Date: Get the date from the DLL, or use the system’s current date?

ALSTOM will be making changes to the border to allow fields to be bigger and get the information from the dll

6 - Kristy
Bracket Issue bug was fixed already.

7 - Jess
Problem with large equations
- look at the gigantic file jfetest (63 by 63) to reproduce the problems. 63 elements, by 63 terms down. This is the theoretical limit.
- Team will need to figure out how to break the comment
- Want to have a check to make sure the equation is attached to the circuit which is on the next page.
- How will we handle the breaking of text/comments

8 - Kristy & Jess (Req.’s 3.8.1.3, 3.8.2.3, 3.8.3.2, 3.8.4.3, 3.8.5.2)
New page for Revision History pages (we are not checking usable area - this has been planned for iteration 4 but not specified).

B. Question/Comments
Discussion Leader: Kristy
1 – **Text Issues:** The chosen Courier New font, text does not fit properly within the border. Is this acceptable, or choose a new font? See below for new font suggestion.

2 – **Variable Name:** Sometimes variable names overlap. Is there a maximum number of characters defined for variable names when writing the logic equations? If not, should there be? 16 –chars truncate limit. Need to look into this.

3 – **Connector Symbol Line-up:** The connector symbol in the DXF library (OPC) does not line up properly with the other symbols in the library. Could this be fixed?

   This is a problem in the library. Team does not hard code a shift. ALSTOM will try to fix the library for just the off page connector symbol.

4 – **Print Margins:** Currently, the DXF borders each contain an outer rectangle around the regular border. This appears to represent the edge of the page, which works out well if the border is the proper size for the page. However, if the drawing is being scaled down to fit the page, the amount of room between the border and the rectangle does not properly scale down, so the result is that the drawing may end up outside the printable area.

   This could be compensated for by scaling the drawing to fit within the printable area, accounting for the page margins, however the outer rectangle causes the scaling to be done improperly.

   The best option for mitigating this problem is probably to eliminate the outer rectangle and scale the border to fit within the margins defined for the print job. The alternatives would be to define an individual DXF block within the border to scale according to, or to somehow try and calculate the internal border size.

Print to scale (NOT fit to page) - should warn the user if they didn’t select the proper page size for the border they selected.
If the margins are to big then show the user a warning message that tells it user it will need to be fit to page.
ALSTOM – will need to look into the boarder, have the cut lines as a separate block with a standard name so that printer will not get the cut lines.
ALSTOM – will need to provide us with new borders and will look into the other problems.

**C. Iteration 4 Functionality**

Discussion Leader: Kristy

Refer to the handout from Jack to see what it should look like. Printing/rendering seems to be the largest problem. The handout also shows the wording that needs to change. – **Kristy & Jess**
Cover Page – we explained how it is currently being generated. We can stay with our layout algorithm but have them all line up. - Kristy

TOC – spacing is too much, make it single spaced. - Kristy

Drawing Pages – Kristy will work on this width of the equation, it is currently being multiplied by 2, per Dale’s suggestion on how this should be handled. This is causing Placement Algorithm to look like it is adding more spaces however it is working properly according to the grid sent into it. - Kristy

Scrolling on pages in print preview – the wheel is not enable till after you go to a new page. Also the scrolls are the opposite of what Jack would like. Should push the scroll up and then go down the page. - Tim

In print preview – the user should be able to go back to the preferences pages to change all settings. It should NOT exit the program. Keep the program open till the user selects a close option. The user should be able to close the print preview without terminating the program. - Tim

The Print and Save setting should be saved in the ini file. - Anyone

Need to have the program show in the task bar at the bottom of the screen. - Tim

Put all text into one “element” so there is 5 or 6 lines compacted so that they are not each on a single line. This is for the if statements - Kristy

Truncate if variables are over 16 characters then add the special characters to denote the variable was truncated. Variables will often approach 16 characters long. – Kristy will look into this and see if it is feasible to do in iteration 4

Font may need to be changed to SanSerif but we need to find out from Tim what the problem with Courier was. Team is not sure what the problem is. – team will change to SanSerif to see if it will fix the Print Preview border problem

D. Important Dates
Discussion Leader: Kristy

Monday, May 9 – Iteration 4 Release
Week of May 16 – Executive Presentation

III. Action Items

A. Update SRS v1.0
People Responsible: Silver Bullet Team
Completion Date: Wednesday, April 27
Additional notes on action item:

**B. Release Iteration 4**
People Responsible: Silver Bullet Team
Completion Date: Monday, May 9

Additional notes on action item: