# I. Lethbridge 50+ Curling League

1. Curling Club Objective

This application provides support for the curling club's objective to provide scheduled curling opportunities for its members. It provides tools for assigning curlers to teams, for producing Round Robin scheduled matches, ice assignments, recording match wins and losses in addition to tracking curler history of who has curled with whom.
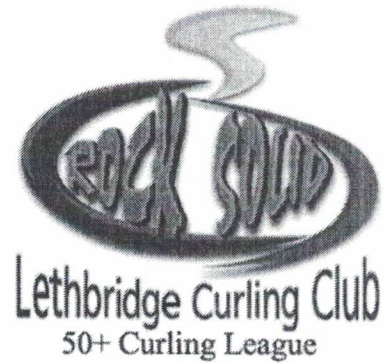
2. General Program Description

This application provides planning support for four square draws and four club bonspiels per season; one spiel after each square. Club members who are registered in square draws curl two games per week in one of two sessions, either on Tuesdays and Thursdays or on Wednesdays and Fridays.

At the start of each season, curlers register for the squares in which they wish to curl, the days of the week on which they are available to curl and their preferred position on a team. Additionally curlers may indicate whether they are flexible as to the session in which they wish to curl and when they are available to spare on other teams. Curler preferences may be changed before the start of the next square draw. Curlers may register for club bonspiels similarly throughout the season

After completion of each square, new teams will be formed on a semi random basis. The computer maintains and uses curler history to assign curlers to teams. This application attempts to assign each curler to a team on which there are the fewest former recent team mates.
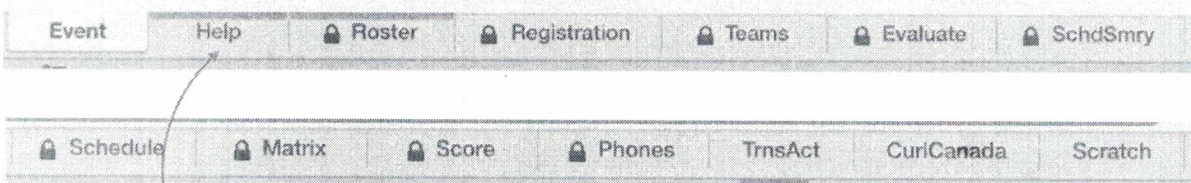
Although the combined skill of teams is a consideration, individual curler assignments are almost entirely based on curler history. Tools are provided to allow the Drawmaster to manually reassign curlers to equalize the rated and perceived combined strength of teams if required.

II. Overall Drawmaster Program Description

The program user interface uses 14 screen with a menu Tabs to each including one Help screen Tab. The Tabs are listed in one line across the bottom of the monitor. (Figure 1) Each tab provides access to a different screen and each screen has a specific purpose.

Figure 1: Menu Tabs.

Event	Help	🔒 Roster	🔒 Registration	🔒 Teams	🔒 Evaluate	🔒 SchdSmry

🔒 Schedule	🔒 Matrix	🔒 Score	🔒 Phones	TrnsAct	CurlCanada	Scratch

Additionally, automated procedures or "Macros" are provided to facilitate data entry and Event planning. To run any of the macros, click on the Help Tab (Figure 1 above) to open the Help Screen (Figure 2 below) followed by clicking on one of the blue Radio buttons to run the corresponding macro or automated procedure listed on the right.

Figure 2: Help screen.

Automated Procedures
Select Radio Button to perform action on Right

○ Sort	**Sort Curlers in Last Name Alphabetic Order**
○ Show All	**Show All Curler Data**
○ View Event	**View Curlers in Selected Event**
○ Build Teams	**Build Teams for Selected Event**
○ Keep	**Keep and Store Team Solution for Later Retrieval**
○ Retrieve	**Retrieve Team Solution from Storage**
○ History	**View Curler History**
○ Spare List	**Spare List for Selected Event**
○ DrawMaster	**Drawmaster**
○ Email List	**List Email Addresses**
○ Member List	**List Members**
○ Deregister Curlers	**Deregister All Curlers In All Events**
◉ Data Import	**Data Import (Curling Canad, & 50+League)**

The program accommodates up to 200 curlers and provides automated procedures for "Building" up to 40 teams. Round-Robin curling schedules may

be produced for events with teams numbering between 8 and 20 inclusive.

Conceptually the program is based on a single Membership list or **Roster**. The Roster can only be sorted alphabetically on curler Last Name. However, the list can be filtered in several ways. Filtering simply means that only some curlers in the list are displayed while others are not. Except for "Spare Lists" filtered lists will always remain in alphabetic order, whereas Spare Lists are sorted on call-out priority order.

In this document, by convention when macros are discussed, it normally involves a short description followed by the image of the macro radio button as shown on the Help Screen and as shown below:

▶ Sort Alphabetically by last name> ● Sort

▶ View the selected Event > ● View Event
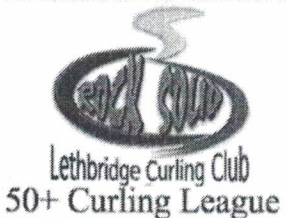
III. Program Functions

1. Events

Under the "**Event**" Tab; a number of data tables provide specifications for each event and generally how information is recorded and displayed.

Draw Master

Select Event	
Sqr Draw or Spiel	Session (T W)
4	W

2020-02-22	Last Import Date

Lethbridge Curling Club
50+ Curling League

Display Control	
List Phone Numbers?	Y
Check All, Notes, Data	A
Show Evaluation History	N

Event Details				
Events	Event Name	Event Start Date yyyy-mm-dd	Check to Close	Max Games /Square
1	Square 1	2019-Oct-01	☑ Closed	10
A	A: Kergan	2019-Nov-04	☑ Closed	5
2	Square 2	2019-Nov-12	☑ Closed	10
B	B: Ham & Turkey	2019-Dec-17	☑ Closed	4
3	Square 3	2020-Jan-07	☑ Closed	10
C	C: Green Acres Foundation	2020-Feb-10	☐ Open	5
4	Square 4	2020-Feb-18	☐ Open	10
D	D: 50+ Year End Classic Bonspiel	2020-Mar-23	☐ Open	5

Skill Weight Table	
Position	Weight
Skip	1
Third	1
Second	1
Lead	1

Import Data Cut Off Date YMD	
2020-01-01	
Above Average Skill Pnlt	0.20

Member List Type	Selection
Slct Char 1	B
Slct Char 2	
Slct Char 3	

Number of Squares	Minimum Price
4	$300
2	$200
1	$100

Limits per Team		
Ladies	1	0.20
Sticks	2	0.10
Weak Sweepers	2	0.05