USE OF PARTIAL ROUND ROBIN SCHEDULES

The partial round robin schedules have been divided so that they fall into two playing units. The natural mathematical unit has been set off by solid lines. Through using this spacing every team in the even number leagues can play every day. The other division is shown by the dotted line. This is a four game unit and provides about the same rest periods for all teams. Most of the schedules may be played in smaller units as shown in the illustrated schedule for ten teams.

Five game partial round robin tournament for ten teams

Units as shown in partial round robin schedules

Same schedule broken into smaller playing units

round robin schedules	playing units	
Four game unit Natural Unit Team numbers	Two game unit Team numbers	Three game unit Team numbers
1-10	1-10 lst day	1-10
1st day 2-9	2-9	2-9 lst day
3-8 lst day	3-8 2nd	3-8
4-7	4-7	4-7
5-6	5-6 3rd	5-6 2nd
2nd day 1-9	1-9	1-9
10-8	10-8 4th	10-8
2-7 2nd day	2-7	2-7 3rd
3-6	3-6 5th	3-6
3rd day <u>4-5</u>	4-5	4-5
1-8	1-8 6th	1-8 4th
9-7	70/ 011	$\frac{9-7}{100}$
10-6 3rd day	10-6 7th	10-6
4th day 2-5	$\frac{2-5}{2}$	2-5 5th
$\frac{3-4}{1-7}$	3-4 8th 1-7	$\frac{3-4}{1-7}$
8-6	8-6 9th	8-6 6th
5th day 9-5 4th day	9-5	9-5
10-4	10-4 10th	10-4
2-3	2-3	2-3 7th
1-6	1-6 11th	1-6
6th day 7-5	7-5	$\frac{1}{7-5}$
8-4 5th day	8-4 12th	8-4 8th
9-3	9-3	9-3
7th day 10-2	10-2 13th	10-2 9th

Schedules drawn for leagues composed of an odd number of teams, 7, 9, 11, etc. are drawn up by a different method so that in some cases the natural unit is smaller than the four game unit. It is impossible to draw partial round robin schedules for an odd number of games and an odd number of teams. For example, you cannot play 5 games each in a 7 team league, but you can play 5 games each in a 6 team league. For this reason only schedules for an even number of teams are shown in the odd number of game tournaments.