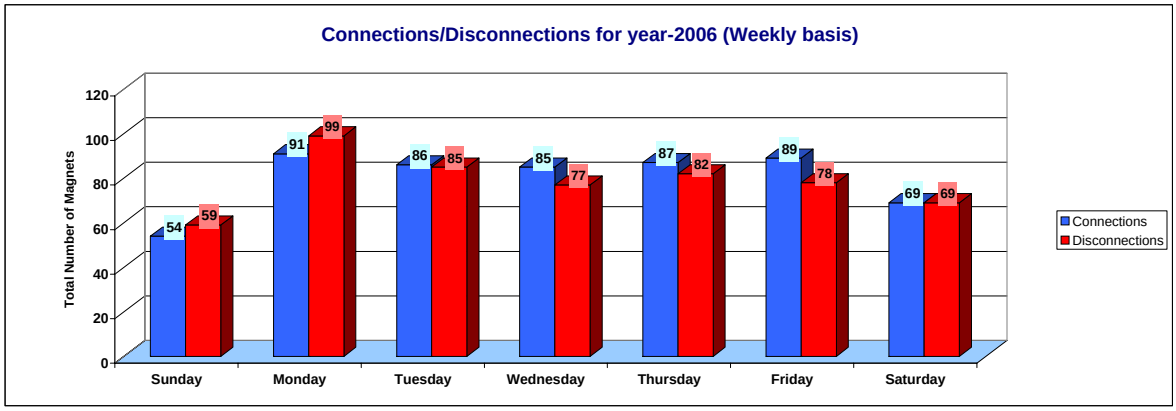
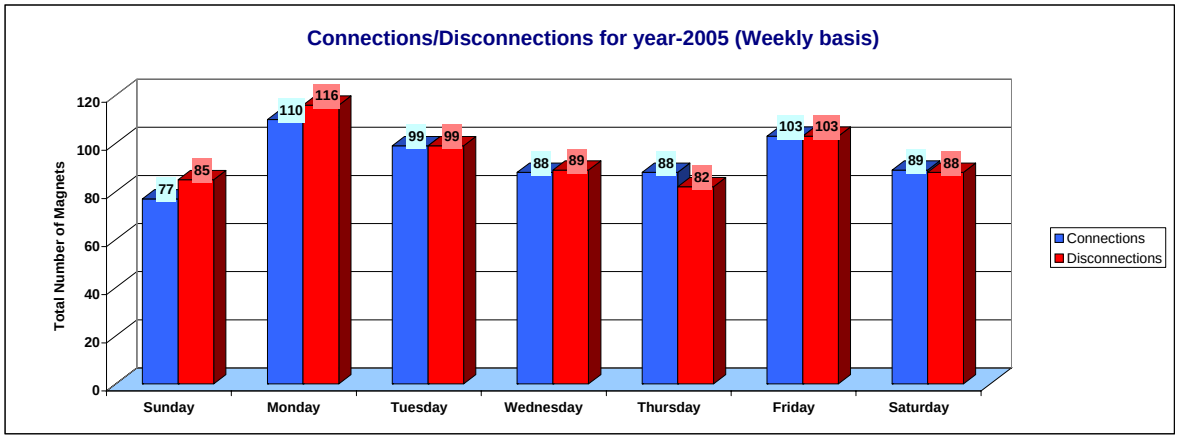
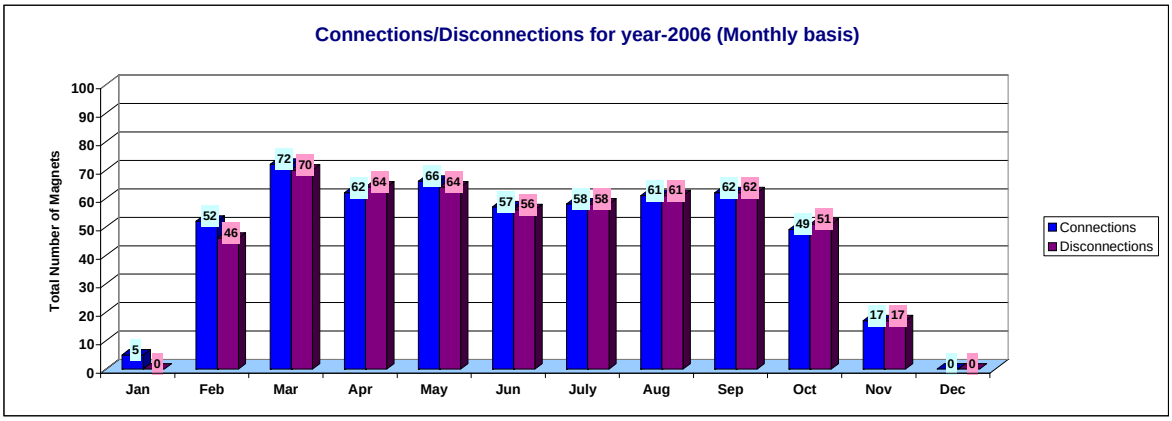
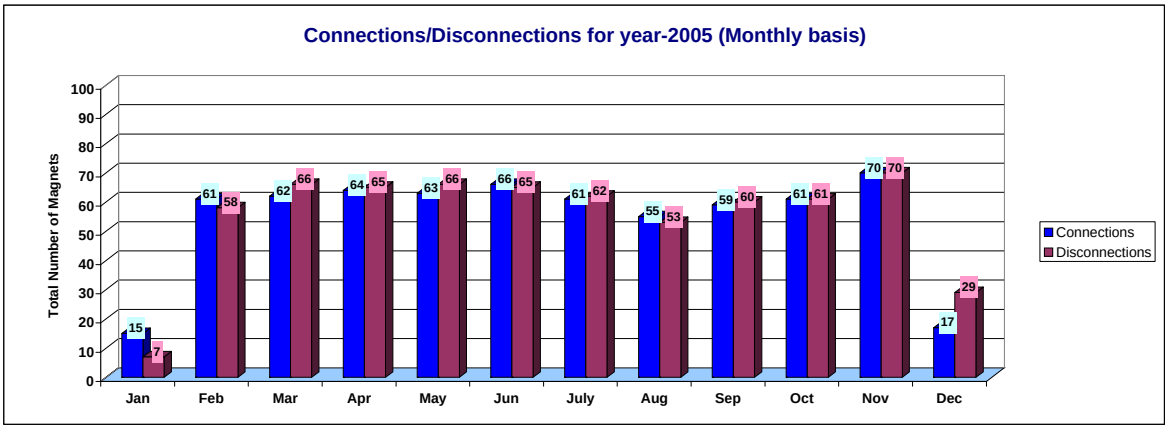

Connections/Disconnections for year-2006 (Weekly basis)
Total Number of Magnets
0
20
40
60
80
100
120
Sunday
Monday
Tuesday
Wednesday
Thursday
Friday
Saturday
54
59
91
99
86
85
85
77
87
82
89
78
69
69
Connections
Disconnections


Connections/Disconnections for year-2005 (Weekly basis)
Total Number of Magnets
0
20
40
60
80
100
120
Sunday
Monday
Tuesday
Wednesday
Thursday
Friday
Saturday
77
85
110
116
99
99
88
89
88
82
103
103
89
88
Connections
Disconnections


Connections/Disconnections for year-2006 (Monthly basis)
Total Number of Magnets
0
10
20
30
40
50
60
70
80
90
100
Jan
Feb
Mar
Apr
May
Jun
July
Aug
Sep
Oct
Nov
Dec
5
0
52
46
72
70
62
64
66
64
57
56
58
58
61
61
62
62
49
51
17
17
0
0
Connections
Disconnections


Connections/Disconnections for year-2005 (Monthly basis)
Total Number of Magnets
0
10
20
30
40
50
60
70
80
90
100
Jan
Feb
Mar
Apr
May
Jun
July
Aug
Sep
Oct
Nov
Dec
15
7
61
58
62
66
64
65
63
66
66
65
61
62
55
53
59
60
61
61
70
70
17
29
Connections
Disconnections

Cryogenics and priority handling:
The magnet priorities have always been handled by OP team in close consultation with the ALLS cryogenics team, keeping in mind the cryogenic load and capacity.

Connections / Disconnections
Any conclusion that can be drawn from the given statistics should consider the following:

- The overall magnet throughput is determined by the performance of 4 teams: **OP team in charge of magnet testing, Cryogenics team, ICS team, Rocla team.**
- For a more equitable distribution, throughput of all the four teams has to be approximately equal. This optimal performance is practically difficult as problems faced by any one team affect the throughput of other teams (e.g. any delay in connection / disconnection or delay in removal of the magnet by Rocla due to any reason, technical or otherwise would cause a reduction in the throughput and thus lead to a pileup of magnets on any particular day.)
- Magnet connection and disconnection is not the responsibility of the op team in charge of magnet testing.
- It has been observed that on an average less magnets are connected / disconnected during week ends. In fact it has been observed that the average connection /disconnection rate picks up during Monday / Tuesday. The average time required for connecting, cold tests and disconnecting is approximately 5 days. So, when a magnet is brought on the bench on Monday / Tuesday, it is bound to finish by Saturday.
- Further, a statistic of this nature would be useful only if all the concerned teams work equitably and their performance is not limited by constraints related to system design, financial limits, French work rules etc.