

# MANUAL FOR USING RES1B, THE DCIF INSTRUMENTATION RESERVATION SOFTWARE

NOTE: There is a new remote login procedure.  
The program will assign a new 6-digit user ID, use the 6-digit UID for reservations. Your password is unchanged.  
The updated program uses 10-min blocks 24 hours a day.  
Maximize window size to display the program.  
Instrument numbers have changed.

## 1- Use the following protocols for remote login to Cruella, the reservation host computer.

Maximize the window size for proper display.

PC: Use SecureCRT program (available from MIT's IST webpage: [web.mit.edu/software](http://web.mit.edu/software))

Name: *yourchoice*

Protocol: ssh2

Hostname: 18.60.2.24 (cruella.lms.mit.edu)

Port: 22

Username: nmr (all input is case sensitive)

Password: spec

MAC: Open a terminal window, at the prompt type: ssh nmr@18.60.2.24  
Enter the password: spec

## 2- After login- the RES1b program starts automatically and displays the Message of the Day.

The message contains information about which instruments are operating and announcements.

### TYPED COMMANDS

```
WELCOME TO RES1: MIT'S DEPARTMENT OF CHEMISTRY  
INSTRUMENTATION FACILITY (DCIF) INSTRUMENT RESERVATION PROGRAM
```

```
1. The EPR is up.  
2. The Bruker 401 is up.  
3. The Varian 300 is up.  
4. The Bruker 400 is up.  
5. The Varian 500 is up.  
6. The Varian 501 is up.  
7. The GCMS is up.  
8. The FTIR is up.  
9. The MALDI-TOF is up.  
10.*****The Bruker 600/Cryoprobe is DOWN.
```

During M300, B401 & I500 walk-on time, please limit the wait to 10 minutes.

The lab is closed every Thursday morning until 10 for maintenance.

For training info, see <http://web.mit.edu/spec/lab/www/>

Fids older than 1 year are removed.

<cr> to continue, q to quit...

<cr> (enter)

The 401 is for 1H, 13C, 31P, and 19F only with no tuning allowed.

The 300 is for 1H, 13C, 31P, and 19F only, with no tuning nor VT allowed.

The 400 may not be used with J-Young-type Tubes.

The 500 has the inverse HX probe installed.

The 501 has a broadband probe installed.

The 600 has an inverse (HCN) cryoprobe installed (no direct observe  
carbon allowed).

THE 600 IS DOWN

### 3- The program will ask for your 3-digit User ID and convert it to the new 6-digit format

The first 2-digits will be from your PIs last name (Group becomes GR)  
The third digit is from your first name (f)  
The last three digits are from your last name (lst)

Gfl becomes GRflst

The program displays which instruments you have permission to use and how many 10-min blocks you and your group can sign up for during primetime, 10:00 -20:00. You may reserve as much time as you need overnight or on weekends, when quotas do not apply.

BE RESPONSIBLE: delete reservations if you no longer need the time or finish early.

```
rlogusr>user id? Gfl
The uid Gfl has been changed to GRflst
Please make a note of this change
Password?
rlogusr>greetings:  FIRST LAST   PHONE   EMAIL
rlogusr>your group (GROUP   ) has 1 member(s)
pquota>for the GROUP      group member(s) subject to quotas, the following
block limits apply

instrument primetime #chekd      max_#_of_blocks_your_group_can_reserve
th  fr  sa  su  mo  tu  we
Varian-300 1000-2000 1      60  46  n/a n/a  7  5  3
Bruker-400 1000-2000 1      60  46  n/a n/a  7  5  3
Bruker-401 1000-2000 1      60  46  n/a n/a  7  5  3
Varian-500 1000-2000 1      60  46  n/a n/a  7  5  3
Varian-501 1000-2000 1      60  46  n/a n/a  7  5  3
Bruker-600 1000-2000 1      60  46  n/a n/a  7  5  3
<cr> to continue...
```

Gfl

password

<cr>

### 4- Main Menu: Password

To change your password enter: 5

Enter your old password  
Enter your new password  
Verify your new password

```
Pick one of the following:
1 show reservations for a given day
2 show reservations for a given instrument
3 make/delete a reservation
4 finger another user (get info on that uid)
5 change password
6 print out reservation quotas
7 exit program
Your choice? 5
```

5

```
Changing password
chngpw>enter your old password
Password?
chngpw>enter your new password now
Password?
chngpw>verify your new password
Password?
Password file has been correctly updated
```

password no echo

password no echo

password no echo

## 5- Main Menu: Reservations for a Given Day

To show the reservations for a given day enter: 1  
Enter the first two letters of the day, for Thursday: th

All instruments reservations for a given day are displayed.  
There are three rows for each instrument: mid-8am, 8am-4pm and 4pm-mid.  
The two digit columns represent each 10 min block for the 8 hour period defined by the row.  
Each 10 min block is reserved by the first two digits of the user ID, the group identifier (GR, EQ, WA).

As shown, all of the instruments are reserved (EQ) from 8-10 am for maintenance every Thursday.

Some of the instruments have WALK-ON time (WA) during the afternoon.  
No reservation is required. Please limit your login to 10 min. if other researchers are waiting.

**Varian 300 from 1-6pm (Mon. – Sat.)**  
**Bruker 400 from 1-6 pm (Mon. – Sat.)**  
**Varian 500 from 1-3 pm (Mon. – Fri.)**

Pick one of the following:

- 1 show reservations for a given day
- 2 show reservations for a given instrument
- 3 make/delete a reservation
- 4 finger another user (get info on that uid)
- 5 change password
- 6 print out reservation quotas
- 7 exit program

Your choice? 1

showday>enter the day (th,fr,sa,su,mo,tu,we): th

1  
th

showday>sign-ups for th

| instrument |         | 0              | 1              | 2 | 3 | 4 | 5 | 0 | 1 | 2 | 3 | 4 | 5 | 0 | 1 | 2 | 3 | 4 | 5 | 0 | 1 | 2 | 3 | 4 | 5 | 0 | 1 | 2 | 3 | 4 | 5 |
|------------|---------|----------------|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Varian-300 | mid-8am |                |                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Varian-300 | 8am-4pm | EQEQEQEQEQEQEQ | EQEQEQEQEQEQEQ |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Varian-300 | 4pm-mid | WAWAWAWAWAWA   | WAWAWAWAWAWA   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Bruker-400 | mid-8am |                |                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Bruker-400 | 8am-4pm | EQEQEQEQEQEQEQ | EQEQEQEQEQEQEQ |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Bruker-400 | 4pm-mid |                |                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Bruker-401 | mid-8am |                |                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Bruker-401 | 8am-4pm | EQEQEQEQEQEQEQ | EQEQEQEQEQEQEQ |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Bruker-401 | 4pm-mid | WAWAWAWAWAWA   | WAWAWAWAWAWA   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Varian-500 | mid-8am |                |                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Varian-500 | 8am-4pm | EQEQEQEQEQEQEQ | EQEQEQEQEQEQEQ |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Varian-500 | 4pm-mid |                |                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Varian-501 | mid-8am |                |                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Varian-501 | 8am-4pm | EQEQEQEQEQEQEQ | EQEQEQEQEQEQEQ |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Varian-501 | 4pm-mid |                |                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Bruker-600 | mid-8am |                |                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Bruker-600 | 8am-4pm | EQEQEQEQEQEQEQ | EQEQEQEQEQEQEQ |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Bruker-600 | 4pm-mid |                |                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| GCMS       | mid-8am |                |                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| GCMS       | 8am-4pm | EQEQEQEQEQEQEQ | EQEQEQEQEQEQEQ |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| GCMS       | 4pm-mid |                |                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| FTIR       | mid-8am |                |                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| FTIR       | 8am-4pm | EQEQEQEQEQEQEQ | EQEQEQEQEQEQEQ |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| FTIR       | 4pm-mid |                |                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| MALDI      | mid-8am |                |                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| MALDI      | 8am-4pm | EQEQEQEQEQEQEQ | EQEQEQEQEQEQEQ |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| MALDI      | 4pm-mid |                |                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| EPR        | mid-8am |                |                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| EPR        | 8am-4pm | EQEQEQEQEQEQEQ | EQEQEQEQEQEQEQ |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| EPR        | 4pm-mid |                |                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

showday>enter the day (th,fr,sa,su,mo,tu,we):

<cr> (to MENU)

Press: <cr>/enter at any prompt to return to the previous menu

## 6- Main Menu: Make / Delete a Reservation & Expanded Block View

To make a reservation enter: 3

Pick which instrument enter, for the Varian 300: 1

Today's reservations are displayed first. Press <cr>/enter to move to the next day. Press q to quit scrolling.

The six digit columns represent each 10 min block for the 1 hour period defined by the row. Each 10 min block is reserved by the 6-digit user ID (GRflst, WALKON, EQDOWN).

Reservations may be made up to 7 days in advance as controlled by your group's quotas.

Pick one of the following:

- 1 show reservations for a given day
- 2 show reservations for a given instrument
- 3 make/delete a reservation
- 4 finger another user (get info on that uid)
- 5 change password
- 6 print out reservation quotas
- 7 exit program

Your choice? 3

3

makres>enter the number of the instrument

1=Varian-300 2=Bruker-400 3=Bruker-401 4=Varian-500 5=Varian-501 6=Bruker-600

Your choice? 1

1

showinst>nshow= 1

Instrument: Varian-300

|          | 00-10  | 10-20  | 20-30  | 30-40  | 40-50  | 50-00  |          | 00-10  | 10-20  | 20-30  | 30-40  | 40-50  | 50-00  |
|----------|--------|--------|--------|--------|--------|--------|----------|--------|--------|--------|--------|--------|--------|
| TH 12am: |        |        |        |        |        |        | TH 1am:  |        |        |        |        |        |        |
| TH 2am:  |        |        |        |        |        |        | TH 3am:  |        |        |        |        |        |        |
| TH 4am:  |        |        |        |        |        |        | TH 5am:  |        |        |        |        |        |        |
| TH 6am:  |        |        |        |        |        |        | TH 7am:  |        |        |        |        |        |        |
| TH 8am:  | EQDOWN | EQDOWN | EQDOWN | EQDOWN | EQDOWN | EQDOWN | TH 9am:  | EQDOWN | EQDOWN | EQDOWN | EQDOWN | EQDOWN | EQDOWN |
| TH 10am: |        |        |        |        |        |        | TH 11am: |        |        |        |        |        |        |
| TH 12pm: |        |        |        |        |        |        | TH 1pm:  | WALKON | WALKON | WALKON | WALKON | WALKON | WALKON |
| TH 2pm:  | WALKON | WALKON | WALKON | WALKON | WALKON | WALKON | TH 3pm:  | WALKON | WALKON | WALKON | WALKON | WALKON | WALKON |
| TH 4pm:  | WALKON | WALKON | WALKON | WALKON | WALKON | WALKON | TH 5pm:  | WALKON | WALKON | WALKON | WALKON | WALKON | WALKON |
| TH 6pm:  |        |        |        |        |        |        | TH 7pm:  |        |        |        |        |        |        |
| TH 8pm:  |        |        |        |        |        |        | TH 9pm:  |        |        |        |        |        |        |
| TH 10pm: |        |        |        |        |        |        | TH 11pm: |        |        |        |        |        |        |

<cr> to continue, q to quit...

<cr>

Instrument: Varian-300

|          | 00-10  | 10-20  | 20-30  | 30-40  | 40-50  | 50-00  |          | 00-10  | 10-20  | 20-30  | 30-40  | 40-50  | 50-00  |
|----------|--------|--------|--------|--------|--------|--------|----------|--------|--------|--------|--------|--------|--------|
| FR 12am: |        |        |        |        |        |        | FR 1am:  |        |        |        |        |        |        |
| FR 2am:  |        |        |        |        |        |        | FR 3am:  |        |        |        |        |        |        |
| FR 4am:  |        |        |        |        |        |        | FR 5am:  |        |        |        |        |        |        |
| FR 6am:  |        |        |        |        |        |        | FR 7am:  |        |        |        |        |        |        |
| FR 8am:  |        |        |        |        |        |        | FR 9am:  |        |        |        |        |        |        |
| FR 10am: |        |        |        |        |        |        | FR 11am: |        |        |        |        |        |        |
| FR 12pm: |        |        |        |        |        |        | FR 1pm:  | WALKON | WALKON | WALKON | WALKON | WALKON | WALKON |
| FR 2pm:  | WALKON | WALKON | WALKON | WALKON | WALKON | WALKON | FR 3pm:  | WALKON | WALKON | WALKON | WALKON | WALKON | WALKON |
| FR 4pm:  | WALKON | WALKON | WALKON | WALKON | WALKON | WALKON | FR 5pm:  | WALKON | WALKON | WALKON | WALKON | WALKON | WALKON |
| FR 6pm:  |        |        |        |        |        |        | FR 7pm:  |        |        |        |        |        |        |
| FR 8pm:  |        |        |        |        |        |        | FR 9pm:  |        |        |        |        |        |        |
| FR 10pm: |        |        |        |        |        |        | FR 11pm: |        |        |        |        |        |        |

<cr> to continue, q to quit...q

q

To make a reservation (r) request for:

Thurs. from 12:10 to 12:20 enter: rth1210th1220  
Thurs. from 20:00 to 23:00 enter: rth2000th2300

Always use military time!

The syntax to delete (d) reservations is: dth1210th1220

Your reservations are displayed in the updated schedule. You will see an error message if a block is already reserved or the amount of time exceeds your group's quota.

```
GRflst (quotas apply) Request? (or day for expansion) rth1210th1220
makres>blocks not taken & within quota limits (if any apply)
makres>reading instrument reservation file
rindat>ifile ready for changes
makres>making reservation
showinst>nshow= 1
Instrument: Varian-300
```

rth1210th1220

|          | 00-10  | 10-20  | 20-30  | 30-40  | 40-50  | 50-00  |          | 00-10  | 10-20  | 20-30  | 30-40  | 40-50  | 50-00  |
|----------|--------|--------|--------|--------|--------|--------|----------|--------|--------|--------|--------|--------|--------|
| TH 12am: |        |        |        |        |        |        | TH 1am:  |        |        |        |        |        |        |
| TH 2am:  |        |        |        |        |        |        | TH 3am:  |        |        |        |        |        |        |
| TH 4am:  |        |        |        |        |        |        | TH 5am:  |        |        |        |        |        |        |
| TH 6am:  |        |        |        |        |        |        | TH 7am:  |        |        |        |        |        |        |
| TH 8am:  | EQDOWN | EQDOWN | EQDOWN | EQDOWN | EQDOWN | EQDOWN | TH 9am:  | EQDOWN | EQDOWN | EQDOWN | EQDOWN | EQDOWN | EQDOWN |
| TH 10am: |        |        |        |        |        |        | TH 11am: |        |        |        |        |        |        |
| TH 12pm: |        | GRflst |        |        |        |        | TH 1pm:  | WALKON | WALKON | WALKON | WALKON | WALKON | WALKON |
| TH 2pm:  | WALKON | WALKON | WALKON | WALKON | WALKON | WALKON | TH 3pm:  | WALKON | WALKON | WALKON | WALKON | WALKON | WALKON |
| TH 4pm:  | WALKON | WALKON | WALKON | WALKON | WALKON | WALKON | TH 5pm:  | WALKON | WALKON | WALKON | WALKON | WALKON | WALKON |
| TH 6pm:  |        |        |        |        |        |        | TH 7pm:  |        |        |        |        |        |        |
| TH 8pm:  |        |        |        |        |        |        | TH 9pm:  |        |        |        |        |        |        |
| TH 10pm: |        |        |        |        |        |        | TH 11pm: |        |        |        |        |        |        |

```
GRflst (quotas apply) Request? (or day for expansion) rth2000th2300
makres>blocks not taken & within quota limits (if any apply)
makres>reading instrument reservation file
rindat>ifile ready for changes
makres>making reservation
showinst>nshow= 1
Instrument: Varian-300
```

rth2000th2300

|          | 00-10  | 10-20  | 20-30  | 30-40  | 40-50  | 50-00  |          | 00-10  | 10-20  | 20-30  | 30-40  | 40-50  | 50-00  |
|----------|--------|--------|--------|--------|--------|--------|----------|--------|--------|--------|--------|--------|--------|
| TH 12am: |        |        |        |        |        |        | TH 1am:  |        |        |        |        |        |        |
| TH 2am:  |        |        |        |        |        |        | TH 3am:  |        |        |        |        |        |        |
| TH 4am:  |        |        |        |        |        |        | TH 5am:  |        |        |        |        |        |        |
| TH 6am:  |        |        |        |        |        |        | TH 7am:  |        |        |        |        |        |        |
| TH 8am:  | EQDOWN | EQDOWN | EQDOWN | EQDOWN | EQDOWN | EQDOWN | TH 9am:  | EQDOWN | EQDOWN | EQDOWN | EQDOWN | EQDOWN | EQDOWN |
| TH 10am: |        |        |        |        |        |        | TH 11am: |        |        |        |        |        |        |
| TH 12pm: |        | GRflst |        |        |        |        | TH 1pm:  | WALKON | WALKON | WALKON | WALKON | WALKON | WALKON |
| TH 2pm:  | WALKON | WALKON | WALKON | WALKON | WALKON | WALKON | TH 3pm:  | WALKON | WALKON | WALKON | WALKON | WALKON | WALKON |
| TH 4pm:  | WALKON | WALKON | WALKON | WALKON | WALKON | WALKON | TH 5pm:  | WALKON | WALKON | WALKON | WALKON | WALKON | WALKON |
| TH 6pm:  |        |        |        |        |        |        | TH 7pm:  |        |        |        |        |        |        |
| TH 8pm:  | GRflst | GRflst | GRflst | GRflst | GRflst | GRflst | TH 9pm:  | GRflst | GRflst | GRflst | GRflst | GRflst | GRflst |
| TH 10pm: | GRflst | GRflst | GRflst | GRflst | GRflst | GRflst | TH 11pm: |        |        |        |        |        |        |

## Detailed View of a Single Day

After you have selected an instrument in the make/delete reservation mode, you can display an explicit list of each 10 minute block.

Enter the first two letters of a day to get an expansion of each block in one day.

.....  
**EQDOWN**            **open blocks**  
**WALKON**           **equipment down or maintenance**  
**GRflst**             **“walk on time” 10 min limit per person**  
                         **user reserved block**

```
GRflst (quotas apply) Request? (or day for expansion) th
Instrument: Varian-300 (Thursday)
0000-0010 0010-0020 0020-0030 0030-0040 0040-0050 0050-0100 0100-0110 0110-0120 0120-0130 0130-0140 0140-0150 0150-0200
.....
0200-0210 0210-0220 0220-0230 0230-0240 0240-0250 0250-0300 0300-0310 0310-0320 0320-0330 0330-0340 0340-0350 0350-0400
.....
0400-0410 0410-0420 0420-0430 0430-0440 0440-0450 0450-0500 0500-0510 0510-0520 0520-0530 0530-0540 0540-0550 0550-0600
.....
0600-0610 0610-0620 0620-0630 0630-0640 0640-0650 0650-0700 0700-0710 0710-0720 0720-0730 0730-0740 0740-0750 0750-0800
.....
0800-0810 0810-0820 0820-0830 0830-0840 0840-0850 0850-0900 0900-0910 0910-0920 0920-0930 0930-0940 0940-0950 0950-1000
EQDOWN EQDOWN EQDOWN EQDOWN EQDOWN EQDOWN EQDOWN EQDOWN EQDOWN EQDOWN EQDOWN EQDOWN EQDOWN EQDOWN
1000-1010 1010-1020 1020-1030 1030-1040 1040-1050 1050-1100 1100-1110 1110-1120 1120-1130 1130-1140 1140-1150 1150-1200
.....
1200-1210 1210-1220 1220-1230 1230-1240 1240-1250 1250-1300 1300-1310 1310-1320 1320-1330 1330-1340 1340-1350 1350-1400
..... GRflst .....
1400-1410 1410-1420 1420-1430 1430-1440 1440-1450 1450-1500 1500-1510 1510-1520 1520-1530 1530-1540 1540-1550 1550-1600
WALKON WALKON WALKON WALKON WALKON WALKON WALKON WALKON WALKON WALKON WALKON WALKON WALKON
1600-1610 1610-1620 1620-1630 1630-1640 1640-1650 1650-1700 1700-1710 1710-1720 1720-1730 1730-1740 1740-1750 1750-1800
WALKON WALKON WALKON WALKON WALKON WALKON WALKON WALKON WALKON WALKON WALKON WALKON WALKON
1800-1810 1810-1820 1820-1830 1830-1840 1840-1850 1850-1900 1900-1910 1910-1920 1920-1930 1930-1940 1940-1950 1950-2000
.....
2000-2010 2010-2020 2020-2030 2030-2040 2040-2050 2050-2100 2100-2110 2110-2120 2120-2130 2130-2140 2140-2150 2150-2200
GRflst GRflst GRflst GRflst GRflst GRflst GRflst GRflst GRflst GRflst GRflst GRflst GRflst
2200-2210 2210-2220 2220-2230 2230-2240 2240-2250 2250-2300 2300-2310 2310-2320 2320-2330 2330-2340 2340-2350 2350-2400
GRflst GRflst GRflst GRflst GRflst GRflst .....
Instrument: Varian-300 (Thursday) (..... = unused block)
GRflst (quotas apply) Request? (or day for expansion)
makres>enter the number of the instrument
1=Varian-300 2=Bruker-400 3=Bruker-401 4=Varian-500 5=Varian-501 6=Bruker-600
Your choice?
```

th

<cr>

<cr>

Press: <cr>/enter at any prompt to return to the previous menu

Enter: 7 at the main menu or <cr>/enter repeatedly to end RES1b and disconnect from cruella

```
Pick one of the following:
1 show reservations for a given day
2 show reservations for a given instrument
3 make/delete a reservation
4 finger another user (get info on that uid)
5 change password
6 print out reservation quotas
7 exit program
Your choice? 7
```

7