# EMMI SETUP REQUEST FORM

LSO-FOR-ESO-40600-0001/1.44, 11/20/1999

| Name: | Prog. ID: | Date of Setup: |
|---|---|---|

## Medium dispersion and echelle modes (BLMD, REMD, DIMD)

DIMD

### Standard grating housings

| | # | g/mm | nm/pix | $\lambda_c$ (nm) |
|---|---|---|---|---|
| | #1 | test mirror | | |
| | #4 | 300 | 0.173 | |
| or | #3 | 1200 | 0.042 | |
| | #5 | 158 | 0.360 | |
| or | #11 | 3000 | 0.015 | |
| | #12 | 600 | 0.091 | |

Red arm (400 - 1100 nm)

### Standard grating housings

| | # | g/mm | nm/pix | $\lambda_c$ (nm) |
|---|---|---|---|---|
| | #6 | 1200 | 0.032 | |
| | #7 | 600 | 0.065 | |
| or | #8 | 316 | 0.125 | |
| | #13 | 150 | 0.265 | |

**or**

### Echelle grating units

Select cross disperser in setup form for mode RILD (see overleaf)

| | # | g/mm | nm/pix |
|---|---|---|---|
| | #2 | test mirror | |
| or | #9 | 60 | 0.021 |
| or | #10 | 31.6 | 0.0058 |
| or | #14 | 31.6 | 0.0040 |

I do NOT need the Echelle mask!

Long Slit Echelle ? (only #10 and #14)

### Below slit filter wheel

| | | |
|---|---|---|
| 1 | Free | Free |
| 2 | | |
| 3 | | |

**Neutral densities available:** 0.3, 0.5, 1.0, 2.0, 3.0, 4.0

**Nota:** Slit width and height are continuously adjustable and computer controlled

**Comments on Obs. Strategy:**

**Set up discussed and approved by Support Astronomer:**

Supp.Astro.Name: Date: Supp.Astro.Signature:

**PLEASE DO NOT OVERFILL...!!!!!**

For Imaging and low dispersion modes please turn over ->