



ISAAC NEWTON GROUP OF TELESCOPES
Roque de Los Muchachos Observatory, La Palma

NEW VISITING INSTRUMENTS TECHNICAL APPRAISAL FORM

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| Instrument name | |
| Instrument group contact details <i>(name, function, telephone and email)</i> | |
| ING astronomy contact | |
| ING engineering contact | |

Instrument details and operational requirements:

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| Type of instrument | |
| Focal station, F-ratio and focal distance | |
| Weight of instrument and weight distribution | |
| Space envelope details <i>(instrument and controllers)</i> | |
| General arrangement: drawings supplied? | |
| Detailed mounting/interface: drawing supplied? | |
| Power requirements: Watts, 115V? kind of plugs, how many | |
| Services: liquid cooling, LN2, LHe, Helium closed cycle cooling, compressed air | |
| Software requirements: instrument, telescope control, autoguiding | |
| Computing requirements: IPs, communications, data storage media | |
| Electronic requirements: power supplies, cables | |
| Detector requirements: are ING detectors used? | |
| Optics requirements: filters | |
| Instrument alignment: procedure | |
| Handling equipment: lifting, tools | |
| Spares requirements: | |
| <p><i>Visiting groups must be able to address faults of their own equipment. They should bring spares (e.g. of electronics cards, controllers and power supplies) of as many key components as reasonable and practical.</i></p> | |

Commissioning plan:

Please provide an outline commissioning plan below and keep your ING contacts informed about any changes to this plan.