ILRS STATIONS/SUBNETWORKS RESPONSE FORM

SLR stations may use this form to join the ILRS network.

Station Name: _____

CDDIS Site Number (if applicable): _____

Name of On-Site Technical Contact: _____

Parent/Funding Organization: _____

Address: _____

_____

_____

Phone No.: _____

FAX No.: _____

E-mail Address: _____

Station Web Site: _____

Is the SLR station at this site collocated with any of the following space geodetic techniques (Y/N)?

GPS: ____ Four-character name: _____

GLONASS: ____ Four-character name: _____

VLBI: ____

DORIS: ____

PRARE: ____

Gravimeter: ____

Other: _____

Subnetwork affiliation (if any): _____

TRACKING PARTICIPATION: ALL ILRS STATIONS MUST ROUTINELY TRACK LAGEOS 1 AND LAGEOS 2. Please indicate in the spaces below which of the following additional satellites in the currently active constellation are you able/willing to track in night only (N), daylight only (D), or both (D/N)?

Low satellites (e.g., GRACE, Ajisai, etc.); Night: ____ Daylight: ____ Both: ____

High satellites (e.g., GPS, Etalon, etc.); Night: ____ Daylight: ____ Both: ____

Will this station be totally dedicated to SLR? (Y/N): ____

If No, what other applications are intended?: _____

_____

Expected SLR Tracking Coverage from this site, please indicated hours per day (0-24):

Sunday: ____ Monday: ____ Tuesday: ____

Wednesday: ____ Thursday: ____ Friday: ____ Saturday: ____

ENGINEERING INFORMATION: Brief description of SLR system features that may affect system performance or data signatures. If there is more than one type of detector, place a "1" in the blank for the primary unit and "2" etc for secondary/tertiary units

Effective Collecting Area of Telescope (m^2):_____

Primary Laser Characteristics:

Wavelength (nm): _____

Pulse Energy (mJ): _____

Repetition Rate(Hz): _____

FWHM Pulsewidth (psec): _____

FWHM Beam Divergence (mrad): _____

Secondary Laser Characteristics:

Wavelength(nm): _____

Pulse Energy (mJ): _____

Repetition Rate(Hz): _____

FWHM Pulsewidth (psec): _____

FWHM Beam Divergence (mrad): _____

LAGEOS Data Density (average number of raw returns per two minute normal point): _____

Near term upgrade plans?; _____

Please include any additional information on your capabilities or past experience that you feel is relevant: _____

_____

_____

Please include a list of associates and their email addresses:

_____

_____

_____

Send form to: ILRS Central Bureau
c/o Carey Noll
NASA GSFC, Code 690
Greenbelt, MD 20771 USA

301-614-6542 (Voice)
301-614-6015 (Fax)
Carey.Noll@nasa.gov