**Medium Telescope Lunar Observing Challenge**

**Primary Medium Telescope Features**

**Crescent Moon North**

 [  ] Endymion

[  ] Hercules and Atlas

[  ] Lacus Mortis and Burg

[  ] Posidonius

[  ] Serpentine Ridge

[  ] Proclus

[  ] Rupes Cauchy Rima Cauchy

[  ] Plinius

[  ] Lamont

[  ] Torricelli

[  ] Messier and Messier A

**Crescent Moon South**

[  ] Theophilus and Cyrillus

[  ] Langrenus

[  ] Fracastorius

[  ] Petavius

[  ] Altai Scarp

[  ] Piccolomini

[  ] Stevinius A Furnerius A

[  ] Rheita E

[  ] Janssen

[  ] Rheita Valley

**1st Quarter Moon**

**Primary Medium Telescope Features in Addition to Those at Crescent Phase**

**1st Quarter North**

[  ] Meton

[  ] Plato

[  ] Alpine Valley

[  ] Aristoteles and Eudoxus

[  ] Atlas Mountains

[  ] Alpine Valley

[  ] Cassini

[  ] Aristilus and Autolycus

[  ] Caucasus Mountains

[  ] Archimedes

[  ] Hadley Rille

[  ] Apennine Mountains

[  ] Hyginus Rille and Ariadaeus Rille

1st Quarter South

[  ] Triesnecker Rilles

[  ] Agrippa and Godin

[  ] Ptolemaeus, Alphonsus, and Arzachel

[ ] Straight Wall

 [  ] Deslandres

[  ] Werner and Aliacensis

[  ] Stofler and Maurolycus

[  ] Maginus

[  ] Moretus

**Full Moon**

**Primary medium Telescope Features in Addition to Those at Crescent and 1st Quarter Phase**

**Full Moon NW Quadrant**

[  ] Sinus Iridum

[  ] Eddington

[  ] Jura Mountains

[  ] Schroter’s Valley

[  ] Aristarchus

[  ] Reiner Gamma

[  ] Kepler

[  ] Carpathian Mountains

[  ] Copernicus

**Full Moon SW Quadrant**

[  ] Grimaldi

[  ] Flamsteed P

[  ] Gassendi

[  ] Byrgius

[  ] Dopplemayer

[  ] Pitatus

[  ] Tycho ray “Railroad Track”

[  ] Clavius

[  ] Schickrd

[  ] Hainzel

[  ]Tycho

[  ] Schiller

[  ] Bailly