

LBN 174 – 02/10/2022

Telescopio o obiettivo di acquisizione #1 (imaging telescope or lens #1): Rifrattore ED (ED refractor) TS Optics 80mm f/7

Telescopio o obiettivo di acquisizione #2 (imaging telescope or lens #2): Rifrattore ED (ED refractor) Tecnosky Carbon Fiber 80mm f/7

Camera di acquisizione #1 (Imaging camera #1): CCD Atik 383L+ B/W [5.4 μm]

Camera di acquisizione #2 (Imaging camera #2): CentralDS 600D II Pro [4.3 μm]

Montatura (Mount): SkyWatcher NEQ6

Telescopio o obiettivo di guida (Guiding telescope or lens): Rifrattore acromatico (refractor) Svbody 60mm f/4

Camera di guida (Guiding camera): Magzero MZ-5m B/W [5.2 μm]

Riduttore di focale (Focal reducer): riduttore/spianatore 0.8x su telescopio #1 (0.8x reducer/field flattener on telescope #1)

riduttore/spianatore 0.8x a quattro elementi su telescopio #2 (four elements 0.8x reducer/field flattener on telescope #2)

Software (Software): PixInsight 1.8.8 + Adobe Photoshop 24.0.0 + Topaz Sharpen AI 3.3.5 + Topaz DeNoise AI 3.0.3

Accessori (Accessories): non presente (not present)

Filtri (Filter): Astronomik CCD H α 13nm 2" (telescopio/telescope #1)

IDAS NGS1 2" (telescopio/telescope #2)

Risoluzione (Resolution): 3362 x 2536 (originale/original)

telescopio/telescope #1, 5184 x 3456 (originale/original)
telescopio/telescope #2, 4286 x 3230 (finale/final)

Data (Date): 02/10/2022

Luogo (Location): Varenna – LC, Italia (Italy)

Pose (Frames): 16 x 720 sec at/a bin 1x1 (telescopio/telescope #1, -10°C), 16 x 720 sec at/a 400 ISO (telescopio/telescope #2, -10°C)

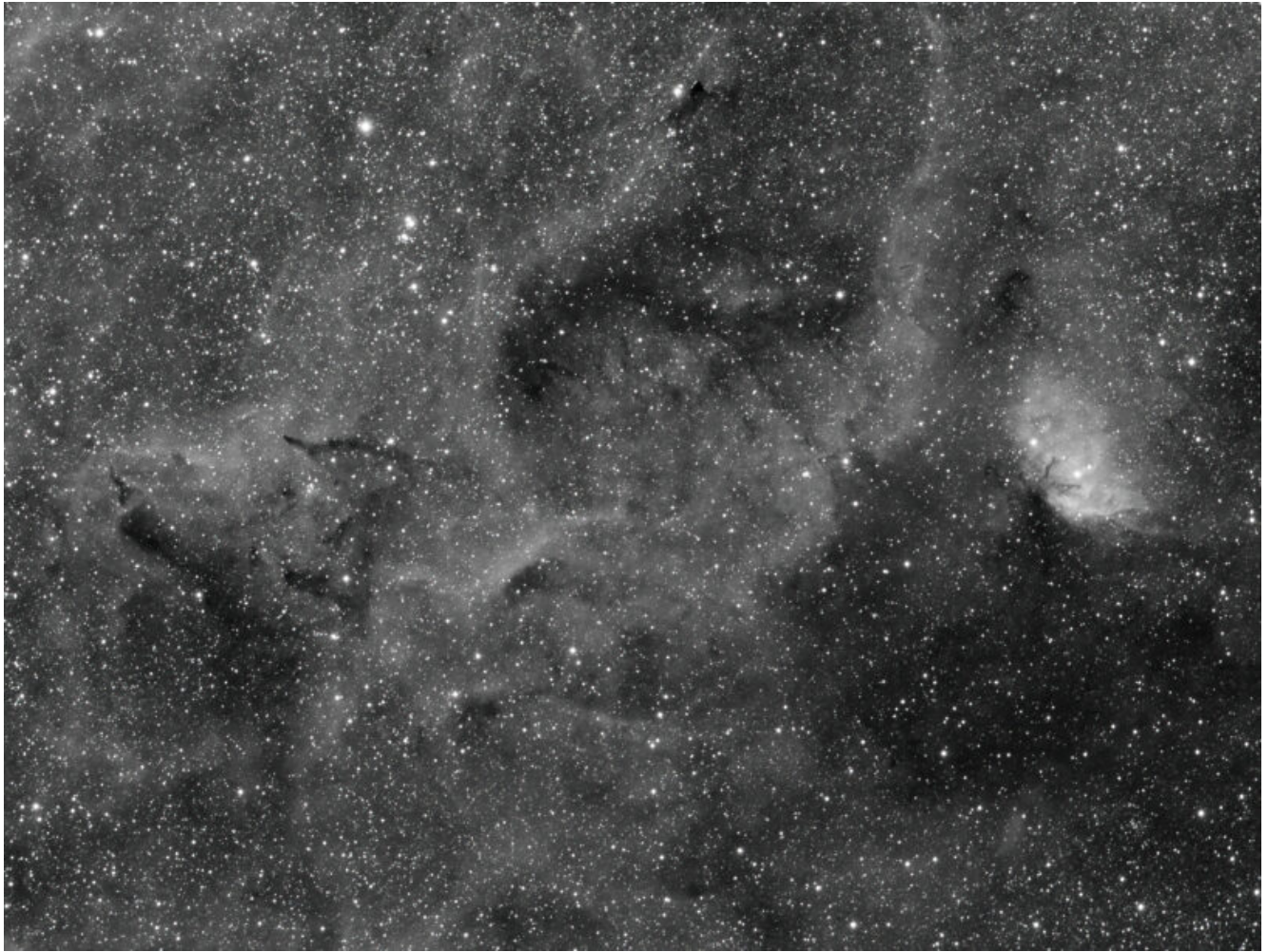
Calibrazione (Calibration): 12 dark, 35 flat dark, 35 bias, 35 flat (telescope/telescope #1); 13 dark, 35 flat dark, 38 bias, 35 flat (telescope/telescopio #2)

Fase lunare media (Average Moon phase): 47.3%

Campionamento (Pixel scale): 1.98310625 arcsec/pixel (telescopio/telescope #1), 2.4904125 arcsec/pixel (telescopio/telescope #2)

Focale equivalente (Equivalent focal length): 448 mm

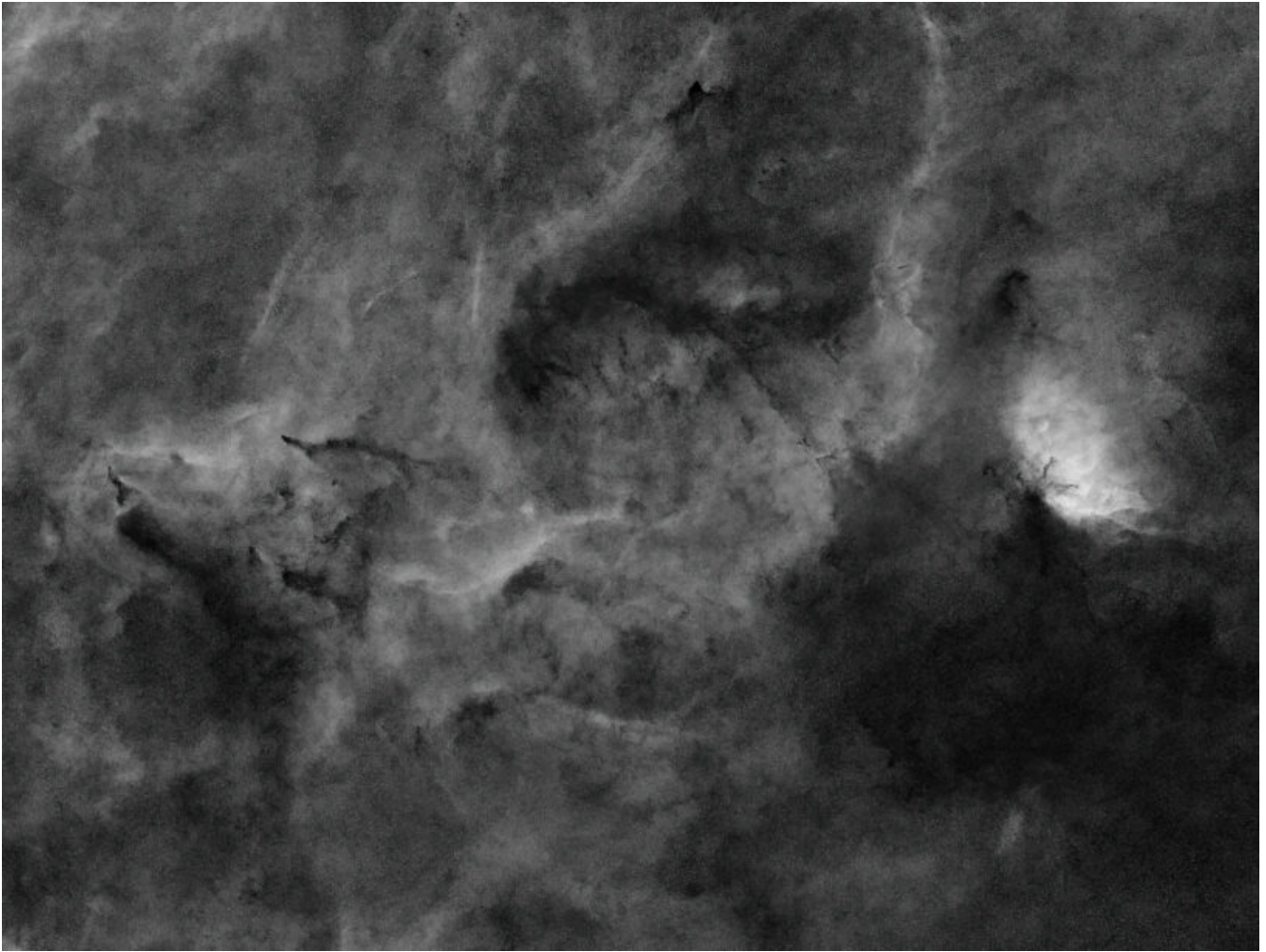
Note: riportiamo le seguenti immagini riprese con i due telescopi (the pictures taken with the two telescopes follow)



LBN 174 (telescopio/telescope #1) – 02/10/2022



LBN 174 (telescopio/telescope #2) – 02/10/2022



LBN 174 (telescopio/telescope #1) versione senza stelle
(starless version) – 02/10/2022



LBN 174 (telescopio/telescope #1 and #2)
composizione/composition (80% $H\alpha$ +20%R)GB - 02/10/2022