**TNOuka**

**Schedule from 2020-02-17 to 2020-03-01**

**(Total time = 0hr, technical loss = 0hr, weather loss = 0hr, Exotime = 0hr, cometime = 0hr, chilean time = 0hr)**

*Khalid*

**Night starting on the 2020-02-17**

*Moon illumination: 32.0 %*

*Sunset - Sunrise: 18h15 / 07h14*

*Civil/Naut./Astro. twilights: 18h44-06h45 / 19h13-06h17 / 19h41-19h41*

*Start-end of night (Naut. twil.): 19h13 to 06h17*

*Night duration (Naut. twil.): 11.067 h*

**From 19h13 to 00h41 : Sp0714+3702**

Note: Prio\_target

SPECULOOS : 17.0 h of obs over 200.0 h

Jmag= 11.98, SpT= 7.5

RA = 07 14 3.919, DEC = 37 02 46.025, filt=I+z , texp=55

**From 00h41 to 06h17 : Sp1223-0858**

Note: Prio\_target

SPECULOOS : 8.16 h of obs over 60.0 h

Jmag= 11.86, SpT= 6.4

RA = 12 23 52.074, DEC = -8 58 43.502, filt=I+z , texp=69

**Night starting on the 2020-02-18**

*Moon illumination: 23.0 %*

*Sunset - Sunrise: 18h16 / 07h13*

*Civil/Naut./Astro. twilights: 18h45-06h44 / 19h13-06h16 / 19h41-19h41*

*Start-end of night (Naut. twil.): 19h14 to 06h16*

*Night duration (Naut. twil.): 11.039 h*

**From 19h14 to 00h41 : Sp0714+3702**

Note: Prio\_target

SPECULOOS : 17.0 h of obs over 200.0 h

Jmag= 11.98, SpT= 7.5

RA = 07 14 3.919, DEC = 37 02 46.025, filt=I+z , texp=55

**From 00h41 to 06h16 : Sp1223-0858**

Note: Prio\_target

SPECULOOS : 8.16 h of obs over 60.0 h

Jmag= 11.86, SpT= 6.4

RA = 12 23 52.074, DEC = -8 58 43.502, filt=I+z , texp=69

**Night starting on the 2020-02-19**

*Moon illumination: 15.0 %*

*Sunset - Sunrise: 18h17 / 07h12*

*Civil/Naut./Astro. twilights: 18h46-06h43 / 19h14-06h15 / 19h42-19h42*

*Start-end of night (Naut. twil.): 19h14 to 06h15*

*Night duration (Naut. twil.): 11.011 h*

**From 19h14 to 00h41 : Sp0714+3702**

Note: Prio\_target

SPECULOOS : 17.0 h of obs over 200.0 h

Jmag= 11.98, SpT= 7.5

RA = 07 14 3.919, DEC = 37 02 46.025, filt=I+z , texp=55

**From 00h41 to 06h15 : Sp1223-0858**

Note: Prio\_target

SPECULOOS : 8.16 h of obs over 60.0 h

Jmag= 11.86, SpT= 6.4

RA = 12 23 52.074, DEC = -8 58 43.502, filt=I+z , texp=69

**Night starting on the 2020-02-20**

*Moon illumination: 9.0 %*

*Sunset - Sunrise: 18h18 / 07h11*

*Civil/Naut./Astro. twilights: 18h46-06h42 / 19h15-06h14 / 19h43-19h43*

*Start-end of night (Naut. twil.): 19h15 to 06h14*

*Night duration (Naut. twil.): 10.989 h*

**From 19h15 to 00h40 : Sp0714+3702**

Note: Prio\_target

SPECULOOS : 17.0 h of obs over 200.0 h

Jmag= 11.98, SpT= 7.5

RA = 07 14 3.919, DEC = 37 02 46.025, filt=I+z , texp=55

**From 00h41 to 06h14 : Sp1223-0858**

Note: Prio\_target

SPECULOOS : 8.16 h of obs over 60.0 h

Jmag= 11.86, SpT= 6.4

RA = 12 23 52.074, DEC = -8 58 43.502, filt=I+z , texp=69

**Night starting on the 2020-02-21**

*Moon illumination: 4.0 %*

*Sunset - Sunrise: 18h19 / 07h10*

*Civil/Naut./Astro. twilights: 18h47-06h41 / 19h15-06h13 / 19h44-19h44*

*Start-end of night (Naut. twil.): 19h16 to 06h13*

*Night duration (Naut. twil.): 10.961 h*

**From 19h16 to 00h40 : Sp0714+3702**

Note: Prio\_target

SPECULOOS : 17.0 h of obs over 200.0 h

Jmag= 11.98, SpT= 7.5

RA = 07 14 3.919, DEC = 37 02 46.025, filt=I+z , texp=55

**From 00h43 to 06h13 : Sp1524+2925**

Note: Prio\_target

SPECULOOS : 70.0 h of obs over 200.0 h

Jmag= 11.21, SpT= 6.5

RA = 15 24 24.751, DEC = 29 25 31.542, filt=I+z , texp=37

**Night starting on the 2020-02-22**

*Moon illumination: 1.0 %*

*Sunset - Sunrise: 18h19 / 07h09*

*Civil/Naut./Astro. twilights: 18h48-06h40 / 19h16-06h12 / 19h44-19h44*

*Start-end of night (Naut. twil.): 19h17 to 06h12*

*Night duration (Naut. twil.): 10.922 h*

**From 19h17 to 00h40 : Sp0714+3702**

Note: Prio\_target

SPECULOOS : 17.0 h of obs over 200.0 h

Jmag= 11.98, SpT= 7.5

RA = 07 14 3.919, DEC = 37 02 46.025, filt=I+z , texp=55

**From 00h41 to 06h12 : Sp1524+2925**

Note: Prio\_target

SPECULOOS : 70.0 h of obs over 200.0 h

Jmag= 11.21, SpT= 6.5

RA = 15 24 24.751, DEC = 29 25 31.542, filt=I+z , texp=37

**Night starting on the 2020-02-23**

*Moon illumination: 0.0 %*

*Sunset - Sunrise: 18h20 / 07h08*

*Civil/Naut./Astro. twilights: 18h49-06h39 / 19h17-06h11 / 19h45-19h45*

*Start-end of night (Naut. twil.): 19h18 to 06h12*

*Night duration (Naut. twil.): 10.894 h*

**From 19h18 to 00h41 : Sp0714+3702**

Note: Prio\_target

SPECULOOS : 17.0 h of obs over 200.0 h

Jmag= 11.98, SpT= 7.5

RA = 07 14 3.919, DEC = 37 02 46.025, filt=I+z , texp=55

**From 00h41 to 06h12 : Sp1524+2925**

Note: Prio\_target

SPECULOOS : 70.0 h of obs over 200.0 h

Jmag= 11.21, SpT= 6.5

RA = 15 24 24.751, DEC = 29 25 31.542, filt=I+z , texp=37

**Night starting on the 2020-02-24**

*Moon illumination: 1.0 %*

*Sunset - Sunrise: 18h21 / 07h07*

*Civil/Naut./Astro. twilights: 18h49-06h38 / 19h18-06h10 / 19h46-19h46*

*Start-end of night (Naut. twil.): 19h18 to 06h11*

*Night duration (Naut. twil.): 10.872 h*

**From 19h18 to 00h40 : Sp0714+3702**

Note: Prio\_target

SPECULOOS : 17.0 h of obs over 200.0 h

Jmag= 11.98, SpT= 7.5

RA = 07 14 3.919, DEC = 37 02 46.025, filt=I+z , texp=55

**From 00h41 to 06h11 : Sp1524+2925**

Note: Prio\_target

SPECULOOS : 70.0 h of obs over 200.0 h

Jmag= 11.21, SpT= 6.5

RA = 15 24 24.751, DEC = 29 25 31.542, filt=I+z , texp=37

**Night starting on the 2020-02-25**

*Moon illumination: 4.0 %*

*Sunset - Sunrise: 18h22 / 07h06*

*Civil/Naut./Astro. twilights: 18h50-06h37 / 19h18-06h09 / 19h46-19h46*

*Start-end of night (Naut. twil.): 19h19 to 06h10*

*Night duration (Naut. twil.): 10.839 h*

**From 19h19 to 00h40 : Sp0714+3702**

Note: Prio\_target

SPECULOOS : 17.0 h of obs over 200.0 h

Jmag= 11.98, SpT= 7.5

RA = 07 14 3.919, DEC = 37 02 46.025, filt=I+z , texp=55

**From 00h41 to 06h10 : Sp1524+2925**

Note: Prio\_target

SPECULOOS : 70.0 h of obs over 200.0 h

Jmag= 11.21, SpT= 6.5

RA = 15 24 24.751, DEC = 29 25 31.542, filt=I+z , texp=37

**Night starting on the 2020-02-26**

*Moon illumination: 8.0 %*

*Sunset - Sunrise: 18h23 / 07h05*

*Civil/Naut./Astro. twilights: 18h51-06h36 / 19h19-06h08 / 19h47-19h47*

*Start-end of night (Naut. twil.): 19h20 to 06h08*

*Night duration (Naut. twil.): 10.806 h*

**From 19h20 to 00h40 : Sp0714+3702**

Note: Prio\_target

SPECULOOS : 17.0 h of obs over 200.0 h

Jmag= 11.98, SpT= 7.5

RA = 07 14 3.919, DEC = 37 02 46.025, filt=I+z , texp=55

**From 00h40 to 06h08 : Sp1524+2925**

Note: Prio\_target

SPECULOOS : 70.0 h of obs over 200.0 h

Jmag= 11.21, SpT= 6.5

RA = 15 24 24.751, DEC = 29 25 31.542, filt=I+z , texp=37

**Night starting on the 2020-02-27**

*Moon illumination: 14.0 %*

*Sunset - Sunrise: 18h23 / 07h04*

*Civil/Naut./Astro. twilights: 18h52-06h35 / 19h20-06h07 / 19h48-19h48*

*Start-end of night (Naut. twil.): 19h21 to 06h07*

*Night duration (Naut. twil.): 10.778 h*

**From 19h21 to 00h40 : Sp0939+2943**

Note: Prio\_target

SPECULOOS : 0.0 h of obs over 60.0 h

Jmag= 11.98, SpT= 6.5

RA = 09 39 23.248, DEC = 29 43 27.116, filt=I+z , texp=77

**From 00h40 to 06h07 : Sp1423+5146**

Note: Prio\_target

SPECULOOS : 0.0 h of obs over 60.0 h

Jmag= 11.88, SpT= 7.0

RA = 14 23 2.804, DEC = 51 46 30.522, filt=I+z , texp=71

**Night starting on the 2020-02-28**

*Moon illumination: 21.0 %*

*Sunset - Sunrise: 18h24 / 07h02*

*Civil/Naut./Astro. twilights: 18h52-06h34 / 19h21-06h06 / 19h49-19h49*

*Start-end of night (Naut. twil.): 19h21 to 06h06*

*Night duration (Naut. twil.): 10.75 h*

**From 19h21 to 00h40 : Sp0939+2943**

Note: Prio\_target

SPECULOOS : 0.0 h of obs over 60.0 h

Jmag= 11.98, SpT= 6.5

RA = 09 39 23.248, DEC = 29 43 27.116, filt=I+z , texp=77

**From 00h40 to 06h06 : Sp1423+5146**

Note: Prio\_target

SPECULOOS : 0.0 h of obs over 60.0 h

Jmag= 11.88, SpT= 7.0

RA = 14 23 2.804, DEC = 51 46 30.522, filt=I+z , texp=71

**Night starting on the 2020-02-29**

*Moon illumination: 29.0 %*

*Sunset - Sunrise: 18h25 / 07h01*

*Civil/Naut./Astro. twilights: 18h53-06h33 / 19h21-06h05 / 19h49-19h49*

*Start-end of night (Naut. twil.): 19h22 to 06h05*

*Night duration (Naut. twil.): 10.722 h*

**From 19h22 to 00h39 : Sp0939+2943**

Note: Prio\_target

SPECULOOS : 0.0 h of obs over 60.0 h

Jmag= 11.98, SpT= 6.5

RA = 09 39 23.248, DEC = 29 43 27.116, filt=I+z , texp=77

**From 00h40 to 06h05 : Sp1423+5146**

Note: Prio\_target

SPECULOOS : 0.0 h of obs over 60.0 h

Jmag= 11.88, SpT= 7.0

RA = 14 23 2.804, DEC = 51 46 30.522, filt=I+z , texp=71

**Night starting on the 2020-03-01**

*Moon illumination: 40 %*

*Sunset - Sunrise: 18h25 / 07h01*

*Civil/Naut./Astro. twilights: 18h53-06h33 / 19h21-06h05 / 19h49-19h49*

*Start-end of night (Naut. twil.): 19h22 to 06h05*

*Night duration (Naut. twil.): 10.722 h*

**From 19h22 to 00h39 : Sp0939+2943**

Note: Prio\_target

SPECULOOS : 0.0 h of obs over 60.0 h

Jmag= 11.98, SpT= 6.5

RA = 09 39 23.248, DEC = 29 43 27.116, filt=I+z , texp=77

**From 00h40 to 06h05 : Sp1423+5146**

Note: Prio\_target

SPECULOOS : 0.0 h of obs over 60.0 h

Jmag= 11.88, SpT= 7.0

RA = 14 23 2.804, DEC = 51 46 30.522, filt=I+z , texp=71