**TNOuka**

**Schedule from 2020-03-16 to 2020-03-30**

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

*Khalid*

**Night starting on the 2020-03-16**

*Moon illumination: 48.0 %*

*Sunset - Sunrise: 18h36 / 06h42*

*Civil/Naut./Astro. twilights: 19h04-06h14 / 19h32-05h46 / 20h01-20h01*

*Start-end of night (Naut. twil.): 19h33 to 05h46*

*Night duration (Naut. twil.): 10.217 h*

**From 19h33 to 00h35 : Sp0714+3702**

Note: Prio\_target

SPECULOOS : 17.0 h of obs over 200.0 h

Jmag= 11.976, SpT= 7.5

RA = 07 14 3.912, DEC = 37 02 45.960, filt=I+z , texp=55

**From 00h36 to 05h46 : Sp1524+2925**

Note: Prio\_target

SPECULOOS : 70.0 h of obs over 200.0 h

Jmag= 11.206, SpT= 6.56

RA = 15 24 24.744, DEC = 29 25 31.440, texp=34 , filt=I+z

**Night starting on the 2020-03-17**

*Moon illumination: 37.0 %*

*Sunset - Sunrise: 18h37 / 06h41*

*Civil/Naut./Astro. twilights: 19h05-06h13 / 19h33-05h45 / 20h01-20h01*

*Start-end of night (Naut. twil.): 19h34 to 05h45*

*Night duration (Naut. twil.): 10.183 h*

**From 19h34 to 00h35 : Sp0714+3702**

Note: Prio\_target

SPECULOOS : 17.0 h of obs over 200.0 h

Jmag= 11.976, SpT= 7.5

RA = 07 14 3.912, DEC = 37 02 45.960, filt=I+z , texp=55

**From 00h36 to 05h45 : Sp1524+2925**

Note: Prio\_target

SPECULOOS : 70.0 h of obs over 200.0 h

Jmag= 11.206, SpT= 6.56

RA = 15 24 24.744, DEC = 29 25 31.440, texp=34 , filt=I+z

**Night starting on the 2020-03-18**

*Moon illumination: 28.0 %*

*Sunset - Sunrise: 18h37 / 06h40*

*Civil/Naut./Astro. twilights: 19h06-06h11 / 19h34-05h43 / 20h02-20h02*

*Start-end of night (Naut. twil.): 19h35 to 05h44*

*Night duration (Naut. twil.): 10.15 h*

**From 19h35 to 00h35 : Sp0714+3702**

Note: Prio\_target

SPECULOOS : 17.0 h of obs over 200.0 h

Jmag= 11.976, SpT= 7.5

RA = 07 14 3.912, DEC = 37 02 45.960, filt=I+z , texp=55

**From 00h35 to 05h44 : Sp1524+2925**

Note: Prio\_target

SPECULOOS : 70.0 h of obs over 200.0 h

Jmag= 11.206, SpT= 6.56

RA = 15 24 24.744, DEC = 29 25 31.440, texp=34 , filt=I+z

**Night starting on the 2020-03-19**

*Moon illumination: 20.0 %*

*Sunset - Sunrise: 18h38 / 06h38*

*Civil/Naut./Astro. twilights: 19h06-06h10 / 19h34-05h42 / 20h03-20h03*

*Start-end of night (Naut. twil.): 19h35 to 05h42*

*Night duration (Naut. twil.): 10.117 h*

**From 19h35 to 00h35 : Sp0714+3702**

Note: Prio\_target

SPECULOOS : 17.0 h of obs over 200.0 h

Jmag= 11.976, SpT= 7.5

RA = 07 14 3.912, DEC = 37 02 45.960, filt=I+z , texp=55

**From 00h35 to 05h42 : Sp1524+2925**

Note: Prio\_target

SPECULOOS : 70.0 h of obs over 200.0 h

Jmag= 11.206, SpT= 6.56

RA = 15 24 24.744, DEC = 29 25 31.440, texp=34 , filt=I+z

**Night starting on the 2020-03-20**

*Moon illumination: 13.0 %*

*Sunset - Sunrise: 18h39 / 06h37*

*Civil/Naut./Astro. twilights: 19h07-06h09 / 19h35-05h41 / 20h04-20h04*

*Start-end of night (Naut. twil.): 19h36 to 05h41*

*Night duration (Naut. twil.): 10.083 h*

**From 19h36 to 00h34 : Sp0714+3702**

Note: Prio\_target

SPECULOOS : 17.0 h of obs over 200.0 h

Jmag= 11.976, SpT= 7.5

RA = 07 14 3.912, DEC = 37 02 45.960, filt=I+z , texp=55

**From 00h35 to 05h41 : Sp1524+2925**

Note: Prio\_target

SPECULOOS : 70.0 h of obs over 200.0 h

Jmag= 11.206, SpT= 6.56

RA = 15 24 24.744, DEC = 29 25 31.440, texp=34 , filt=I+z

**Night starting on the 2020-03-21**

*Moon illumination: 7.0 %*

*Sunset - Sunrise: 18h39 / 06h36*

*Civil/Naut./Astro. twilights: 19h08-06h08 / 19h36-05h39 / 20h04-20h04*

*Start-end of night (Naut. twil.): 19h36 to 05h40*

*Night duration (Naut. twil.): 10.061 h*

**From 19h36 to 00h33 : Sp0714+3702**

Note: Prio\_target

SPECULOOS : 17.0 h of obs over 200.0 h

Jmag= 11.976, SpT= 7.5

RA = 07 14 3.912, DEC = 37 02 45.960, filt=I+z , texp=55

**From 00h34 to 05h40 : Sp1524+2925**

Note: Prio\_target

SPECULOOS : 70.0 h of obs over 200.0 h

Jmag= 11.206, SpT= 6.56

RA = 15 24 24.744, DEC = 29 25 31.440, texp=34 , filt=I+z

**Night starting on the 2020-03-22**

*Moon illumination: 3.0 %*

*Sunset - Sunrise: 18h40 / 06h34*

*Civil/Naut./Astro. twilights: 19h08-06h06 / 19h37-05h38 / 20h05-20h05*

*Start-end of night (Naut. twil.): 19h37 to 05h38*

*Night duration (Naut. twil.): 10.022 h*

**From 19h37 to 00h33 : Sp0714+3702**

Note: Prio\_target

SPECULOOS : 17.0 h of obs over 200.0 h

Jmag= 11.976, SpT= 7.5

RA = 07 14 3.912, DEC = 37 02 45.960, filt=I+z , texp=55

**From 00h34 to 05h38 : Sp1423+5146**

Note: Prio\_target

SPECULOOS : 0.0 h of obs over 60.0 h

Jmag= 11.885, SpT= 6.98

RA = 14 23 2.808, DEC = 51 46 30.360, filt=I+z , texp=63

**Night starting on the 2020-03-23**

*Moon illumination: 1.0 %*

*Sunset - Sunrise: 18h41 / 06h33*

*Civil/Naut./Astro. twilights: 19h09-06h05 / 19h37-05h37 / 20h06-20h06*

*Start-end of night (Naut. twil.): 19h38 to 05h37*

*Night duration (Naut. twil.): 9.994 h*

**From 19h38 to 00h33 : Sp0714+3702**

Note: Prio\_target

SPECULOOS : 17.0 h of obs over 200.0 h

Jmag= 11.976, SpT= 7.5

RA = 07 14 3.912, DEC = 37 02 45.960, filt=I+z , texp=55

**From 00h34 to 05h37 : Sp1423+5146**

Note: Prio\_target

SPECULOOS : 0.0 h of obs over 60.0 h

Jmag= 11.885, SpT= 6.98

RA = 14 23 2.808, DEC = 51 46 30.360, filt=I+z , texp=63

**Night starting on the 2020-03-24**

*Moon illumination: 0.0 %*

*Sunset - Sunrise: 18h41 / 06h32*

*Civil/Naut./Astro. twilights: 19h10-06h04 / 19h38-05h36 / 20h07-20h07*

*Start-end of night (Naut. twil.): 19h38 to 05h35*

*Night duration (Naut. twil.): 9.95 h*

**From 19h38 to 00h33 : Sp0714+3702**

Note: Prio\_target

SPECULOOS : 17.0 h of obs over 200.0 h

Jmag= 11.976, SpT= 7.5

RA = 07 14 3.912, DEC = 37 02 45.960, filt=I+z , texp=55

**From 00h33 to 05h35 : Sp1423+5146**

Note: Prio\_target

SPECULOOS : 0.0 h of obs over 60.0 h

Jmag= 11.885, SpT= 6.98

RA = 14 23 2.808, DEC = 51 46 30.360, filt=I+z , texp=63

**Night starting on the 2020-03-25**

*Moon illumination: 2.0 %*

*Sunset - Sunrise: 18h42 / 06h31*

*Civil/Naut./Astro. twilights: 19h10-06h03 / 19h39-05h34 / 20h07-20h07*

*Start-end of night (Naut. twil.): 19h39 to 05h34*

*Night duration (Naut. twil.): 9.922 h*

**From 19h39 to 00h32 : Sp0714+3702**

Note: Prio\_target

SPECULOOS : 17.0 h of obs over 200.0 h

Jmag= 11.976, SpT= 7.5

RA = 07 14 3.912, DEC = 37 02 45.960, filt=I+z , texp=55

**From 00h33 to 05h34 : Sp1423+5146**

Note: Prio\_target

SPECULOOS : 0.0 h of obs over 60.0 h

Jmag= 11.885, SpT= 6.98

RA = 14 23 2.808, DEC = 51 46 30.360, filt=I+z , texp=63

**Night starting on the 2020-03-26**

*Moon illumination: 5.0 %*

*Sunset - Sunrise: 18h43 / 06h29*

*Civil/Naut./Astro. twilights: 19h11-06h01 / 19h39-05h33 / 20h08-20h08*

*Start-end of night (Naut. twil.): 19h40 to 05h33*

*Night duration (Naut. twil.): 9.889 h*

**From 19h40 to 00h32 : Sp0714+3702**

Note: Prio\_target

SPECULOOS : 17.0 h of obs over 200.0 h

Jmag= 11.976, SpT= 7.5

RA = 07 14 3.912, DEC = 37 02 45.960, filt=I+z , texp=55

**From 00h33 to 05h33 : Sp1423+5146**

Note: Prio\_target

SPECULOOS : 0.0 h of obs over 60.0 h

Jmag= 11.885, SpT= 6.98

RA = 14 23 2.808, DEC = 51 46 30.360, filt=I+z , texp=63

**Night starting on the 2020-03-27**

*Moon illumination: 9.0 %*

*Sunset - Sunrise: 18h43 / 06h28*

*Civil/Naut./Astro. twilights: 19h12-06h00 / 19h40-05h32 / 20h09-20h09*

*Start-end of night (Naut. twil.): 19h40 to 05h32*

*Night duration (Naut. twil.): 9.856 h*

**From 19h40 to 00h32 : Sp0714+3702**

Note: Prio\_target

SPECULOOS : 17.0 h of obs over 200.0 h

Jmag= 11.976, SpT= 7.5

RA = 07 14 3.912, DEC = 37 02 45.960, filt=I+z , texp=55

**From 00h32 to 05h32 : Sp1423+5146**

Note: Prio\_target

SPECULOOS : 0.0 h of obs over 60.0 h

Jmag= 11.885, SpT= 6.98

RA = 14 23 2.808, DEC = 51 46 30.360, filt=I+z , texp=63

**Night starting on the 2020-03-28**

*Moon illumination: 16.0 %*

*Sunset - Sunrise: 18h44 / 06h27*

*Civil/Naut./Astro. twilights: 19h12-05h59 / 19h41-05h30 / 20h10-20h10*

*Start-end of night (Naut. twil.): 19h41 to 05h30*

*Night duration (Naut. twil.): 9.822 h*

**From 19h41 to 00h31 : Sp0714+3702**

Note: Prio\_target

SPECULOOS : 17.0 h of obs over 200.0 h

Jmag= 11.976, SpT= 7.5

RA = 07 14 3.912, DEC = 37 02 45.960, filt=I+z , texp=55

**From 00h32 to 05h30 : Sp1423+5146**

Note: Prio\_target

SPECULOOS : 0.0 h of obs over 60.0 h

Jmag= 11.885, SpT= 6.98

RA = 14 23 2.808, DEC = 51 46 30.360, filt=I+z , texp=63

**Night starting on the 2020-03-29**

*Moon illumination: 23.0 %*

*Sunset - Sunrise: 18h45 / 06h26*

*Civil/Naut./Astro. twilights: 19h13-05h58 / 19h41-05h29 / 20h10-20h10*

*Start-end of night (Naut. twil.): 19h42 to 05h29*

*Night duration (Naut. twil.): 9.783 h*

**From 19h42 to 00h32 : Sp0714+3702**

Note: Prio\_target

SPECULOOS : 17.0 h of obs over 200.0 h

Jmag= 11.976, SpT= 7.5

RA = 07 14 3.912, DEC = 37 02 45.960, filt=I+z , texp=55

**From 00h32 to 05h29 : Sp1423+5146**

Note: Prio\_target

SPECULOOS : 0.0 h of obs over 60.0 h

Jmag= 11.885, SpT= 6.98

RA = 14 23 2.808, DEC = 51 46 30.360, filt=I+z , texp=63