**TNOuka**

**Schedule from 2020-01-28 to 2020-02-03**

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

*Manu*

**Night starting on the 2020-01-28**

*Moon illumination: 13.0 %*

*Sunset - Sunrise: 17h58 / 07h29*

*Civil/Naut./Astro. twilights: 18h28-07h00 / 18h57-06h31 / 19h26-19h26*

*Start-end of night (Naut. twil.): 18h58 to 06h31*

*Night duration (Naut. twil.): 11.55 h*

**From 18h58 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 06h31 : 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, texp=50 , filt=I+z

**Night starting on the 2020-01-29**

*Moon illumination: 20.0 %*

*Sunset - Sunrise: 17h59 / 07h29*

*Civil/Naut./Astro. twilights: 18h29-06h59 / 18h58-06h30 / 19h26-19h26*

*Start-end of night (Naut. twil.): 18h59 to 06h30*

*Night duration (Naut. twil.): 11.528 h*

**From 18h59 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 06h30 : 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, texp=50 , filt=I+z

**Night starting on the 2020-01-30**

*Moon illumination: 28.0 %*

*Sunset - Sunrise: 18h00 / 07h28*

*Civil/Naut./Astro. twilights: 18h29-06h59 / 18h58-06h30 / 19h27-19h27*

*Start-end of night (Naut. twil.): 18h59 to 06h30*

*Night duration (Naut. twil.): 11.506 h*

**From 18h59 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 06h30 : 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, texp=50 , filt=I+z

**Night starting on the 2020-01-31**

*Moon illumination: 36.0 %*

*Sunset - Sunrise: 18h01 / 07h28*

*Civil/Naut./Astro. twilights: 18h30-06h58 / 18h59-06h29 / 19h28-19h28*

*Start-end of night (Naut. twil.): 19h00 to 06h29*

*Night duration (Naut. twil.): 11.483 h*

**From 19h00 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 06h29 : 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, texp=50 , filt=I+z

**Night starting on the 2020-02-01**

*Moon illumination: 46.0 %*

*Sunset - Sunrise: 18h02 / 07h27*

*Civil/Naut./Astro. twilights: 18h31-06h58 / 19h00-06h29 / 19h29-19h29*

*Start-end of night (Naut. twil.): 19h00 to 06h28*

*Night duration (Naut. twil.): 11.467 h*

**From 19h00 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 06h28 : 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, texp=50 , filt=I+z

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

*Moon illumination: 56.0 %*

*Sunset - Sunrise: 18h02 / 07h26*

*Civil/Naut./Astro. twilights: 18h32-06h57 / 19h01-06h28 / 19h29-19h29*

*Start-end of night (Naut. twil.): 19h01 to 06h28*

*Night duration (Naut. twil.): 11.439 h*

**From 19h01 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 06h28 : 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, texp=50 , filt=I+z