

LCO Remote Observing Station GUIDELINES			
<b>OWNER</b>	LCO IT DEPARTMENT	<b>CREATED BY</b>	Lionel Zumaran
<b>APPROVED BY</b>	David Osip	<b>APPROVAL DATE</b>	

## 1 PURPOSE

The goal of this document is to define the guidelines on hardware and software necessary in order to implement Remote Observing Stations on LCO Partner Institutions facilities.

## 2 SCOPE

This document applies to all LCO Partners Institutions that want to implement a remote observing station inside their facilities.

## 3 DEFINITIONS

**Remote Observing Station:** All hardware and software necessary to allow remote observations from LCO Partners Institutions.

**LCO Partner Institutions:** Institutions with formal agreements for facility access at LCO, including the members of the Magellan Consortium.

## 4 GUIDELINES

### 4.1 Considerations

Hardware and software support related to Remote Observing Stations is in charge of each Partner Institution.

Telephone assigned to the Remote Observing Stations is a must in order to maintain communications with LCO Technical Operations teams in case of an internet outage or similar.

Partners Institutions should consider that more than one Remote Observing workstation could be needed when same night is allocated on more than one telescope.

### 4.2 Requested Hardware

- Apple Mac Mini 2020, 16 GB ram 256 SSD HB, wired network access
- 43" 4K monitor
- Full HD webcam
- USB speaker
- Telephone
- UPS backup

### 4.3 Requested Software

- OSX latest version
- OSX native screen sharing client
- OSX Integrated IPSEC VPN client
- Zoom Client latest Version

### 4.4 LCO suggested hardware

- Apple Mac Mini 2020

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- DELL U4320Q UltraSharp 43-Inch 4K USB-C monitor or LG 43UN700-B 43 Inch UHD USB-C monitor
- LOGITECH BRIO Ultra HD WebCam
- eMeet M2 Conference Speaker
- APC BR1500 MS UPS

#### 5 RELATED STANDARDS, POLICIES AND PROCESSES

#### 6 REVISION HISTORY

<b>REVISION DATE</b>	<b>PERFORMED BY</b>	<b>DESCRIPTION</b>	<b>APPROVED BY</b>