



## Opto-Mechanical Content Delivery Specifications to use ZEISS UNIVERSARIUM Modell IX:

### *Media:*

- USB 2.0/3.0 Hard Drive or Flash Drive, FAT 32 or NTFS format labeled with your name
- Detailed word document with:
  - What you want showing in the sky
  - Location with Specific Latitude (i.e. Saint Louis, MO 38.6° N Lat)
  - Standard and Sidereal times for the date and location from which you want the sky to be viewed
  - If you need anything special in the sky (i.e. a super nova) please provide its exact coordinates
  - If your program has exact timings and where they need to go in the program
  - If you plan to ask for the next cue and where you need pauses
  - Your contact information in case we have any questions while programming

Our projector is an extremely accurate instrument that provides a very realistic view of the night sky from anywhere within the solar system. It can provide a view of the sky +/- 10,000 years from the current date as well as some astronomical objects and satellites. It cannot, however produce special effects such as an aurora. If you are uncertain as to whether or not something you would like to produce on the dome is something we are capable of doing, please email Anna Green (see contact info below) with any questions.

### *ZEISS Files:*

If you work with a ZEISS opto-mechanical projector you can send us your files with the above information in a word document and we can work with you on making sure your program works on our dome. We currently use SkyControl version 5.93 but can work with converting files from earlier ZEISS control programs, including UNIPOST.

### *Audio Files:*

- USB/CD/DVD/Blu-Ray/Portable Audio Device with headphone port containing audio files

**ALL CONTENT IS DUE BY CLOSE OF BUSINESS ON TUESDAY 29 AUGUST 2017**

### **Please send media to:**

Anna Green  
[anna.green@slsc.org](mailto:anna.green@slsc.org)

or

Anna Green  
James S. McDonnell Planetarium  
Saint Louis Science Center  
5050 Oakland Avenue  
Saint Louis, MO 63110