BOARD MEETING
September 15th, 2019

Conducted in person.

ATTENDEES

- Matt Peterson - President
- Tim Pozar -- Treasurer
- Bron Lewis -- Board Member
- Justin Seabrook-Rocha -- Board Member

AGENDA

1. **Matt proposes to adopt the meeting minutes from the March 29th, 2019 board meeting.**
   a. **Details:** n/a
   b. **Action items:** post past meeting minutes as PDF files to public SFMIX website
   c. **Motion:** Board to adopt previous meeting minutes from March 29th, 2019 board meeting.
      i. Proposed by: Matt
      ii. Seconded by: Bron
      iii. Votes for: Matt, Bron, Justin, Tim

2. Purchase 2x DWDM 40 ch muxes for 55 S Market re-gen

a. **Details:** Historically SFMIX utilized participant provided DWDM channels between 11 Great Oaks (SV1) and 48233 Warm Springs (FMT2) with 80km (and later 100km) 10Gbps optics. However, due to having muxes on both ends, multiple patches, and an OADM in the middle 55 S Market - link budget way too tight, passing traffic would incur errors. Attempts were made to clean this path, however links aren't reliable. The participant has made available lit L2 circuits between these sites on their own MPLS transport gear, however they have a concern we could exceed their lit capacity. For this proposal, we'd place an existing Cumulus switch at 55 S Market (downtown San Jose - essentially halfway between FMT2 and SV1) as "regen". This would allow us to use existing SFMIX owned 40/80km DWDM optics. To facilitate this, SFMIX would pay a one-time cost to swap out a passive OADM for two muxes.

b. **Action items:** Purchase qty 2 DWDM muxes (FS.com P/N [35887](#)) with 40ch + 1310nm capability - costing $3,312.40 (not including S/H + tax). Provide support for participant network operator to swap out OADM for mux units.

c. **Motion:**

i.   Proposed by: Matt

ii.   Seconded by: Tim

iii.   Votes for: Matt, Tim, Justin, Bron

iv.   Votes against: None

v.   Abstains: None

d. Outcome: Passes

3. Purchase multi-core fiber patch cables

a. **Details:** Multi-core (bundled) fiber cables combine several cross-x's or patches within a single cable, where individual

duplex or simplex strands are broken out. We have one of
these installed between our SV1 transport provider cabinet
in Hurricane to our SFMIX cabinet. As we're going to add an
additional DWDM path here, along with a growing cabling mess
at SV1 – these should be migrated to multicore cables.

b. **Action items:** Purchase qty several multi-core cables (FS.com
P/N [70220](#)) – costing $575.00 (not including S/H + tax).

   i. Qty 1: 24ct 3m SC/Duplex LC/Duplex for SV1 patch panel
to switch

   ii. Qty 1: 8ct 30m LC/Duplex LC/Duplex for Hurricane
between SFMIX cabinet and SV1 transport provider

   iii. Qty 2: 12ct 3m LC/Duplex LC/Duplex for 55 S Market,
between transport provider and "re-gen" SFMIX switch

   iv. **Motion:**

      1. Proposed by: Matt

      2. Seconded by: Tim

      3. Votes for: Matt, Tim, Justin, Bron

      4. Votes against: None

      5. Abstains: None

      6. Outcome: Passes