

SMC IRC Meeting  
 July 21, 2016  
 Conference Call

**Present**

ORGANIZATION	REPRESENTATIVE(S)
Campbell Global, LLC	Dave Hamlin
Olympic Resource Management	Ryan Schlecht
Rayonier US Forest Res.	Candace Cahill (Chair)
Roseburg Resources	Tony Powell
University of Washington, SEFS	Eric Turnblom (Acting SMC Director), Rob Harrison, Jason Cross and Megan O'Shea
USDA Forest Service	Eini Lowell
WA DNR	Scout McLeod
Weyerhaeuser NR Company	Rick Leon and Dave Marshal

**Absent**

Green Diamond Resource Co.	TBD
Hancock Forest Management	Florian Deisenhofer
Port Blakely Tree Farms	Gareth Waugh (Vice Chair)
University of Washington, SEFS	Bob Gonyea

**Agenda**

1. Call to order
2. Update on 722 sunset
  - a. analysis to date
  - b. total Cost
  - c. next steps
3. Next steps for Type I installations
  - a. measurements
  - b. sunsets
4. Adjourn

Turnblom called the meeting to order by asking if anyone wanted to add / subtract from the agenda, hearing no suggestions, the agenda was set. He then provided a brief refresher on what data were collected from Installation 722 during its sun setting.

Weyerhaeuser is processing breast-height increment cores, UGA is processing strip samples cut from the five disks taken at various heights. Both labs are using x-ray densitometry for all ring width and density measurements. Weyerhaeuser is assessing microfibril angle using x-ray diffraction and UGA is using acoustic velocity (samples are large enough to use this less expensive method).

Suggestions were solicited from the group on whether we could get the data from fewer samples. Hearing none, Turnblom suggested this might be approached with an experiment using bootstrapping. The group was queried as to what they'd like to see in the first "Type I Installation Sunset Summary Report" and Dave Hamlin requested an email that would query the membership on what metrics/reports they wanted from all the 722 data. We could then see if that can be achieved in 2 quarters of grad student time, the amount budgeted for this purpose.

Turnblom reviewed the steps taken to date to assess Type I installation similarity and utility. No suggestions were made to modify the process; therefore this method will be used to rank the Installations for their uniqueness / similarity.

Candace Cahill noted that Installation 735 has had its harvest pushed from 2017 – 2025; further, referring to the Jan. 2015 IRC document, it is necessary to identify the metrics / treatments that are important and to see which of the large set of installations coming on-line in 2023-2025 will best be able to deliver those metrics.

Turnblom presented a list of installations by "similarity" sorted from earliest harvest to latest. Suggestion was made to sort overall by earliest harvest, then by similarity grouping. To this end, updated harvest estimates are required (email forthcoming from us) for Type I.

Eini Lowell raised a question about how often harvest dates are updated; response from the group was that it could happen quarterly, if not more often, but we should make it routine to inquire with cooperators annually in the summer. Eini suggested we might ask cooperators if a specific installation considered for retirement might be pushed forward. Ryan Schlecht noted that in looking for installations to retire, we might be able to easily identify those that we are unlikely to want to retire, and take them out of consideration (then re-group, see impact on timelines). Candace mentioned that we have hemlock Type I installations that we should consider in ranking and selecting and stated Rayonier has two hemlock installations scheduled for harvest in 2021.

Rick Leon inquired about what the budget could support; at this time the best estimate is about one per year, for the next N years. The question was raised as to how many we need, after a brief discussion members agreed some replication is necessary before we can truly answer this question. One from each "similarity" group was proposed, meaning six (6) over the next six years.

Meeting adjourned with a reminder to save the date (Th 9/22/2016) for the Fall SMC Meeting at [Wisteria Hall](#), located adjacent to the Washington Park Arboretum Visitor's Center.