

2-3: Instead of “currently”, “not yet fully” perhaps makes more sense.

→ **changed**

39-40: This is my most significant comment on this revised MS. The ice thickness value given is from an extremely out-of-date citation, but it is important enough to come into play later when attempting to assess the various blue ice hypotheses. This value should be updated by consulting the latest version of BedMachine Greenland (v6) for the specific locations in question.

→ **the trough is 1500 m deep according to BedMachine**

49-54: How exactly was Sentinel-3, a radar altimeter, used to determine the time of calving? The first sentence implies that it is a multi-spectral imager, which is not the case, so this whole paragraph is confusing.

→ **Sentinel-3 passes every day and the true color images from the Ocean and Land Contour Instrument (OLCI) were used to determine the time of calving.**

59: By “little suspect sediments”, is “no evidence of significant suspended sediments” meant?

→ **adapted**

89: Here I think “appearance” is meant rather than “apparition”

→ **adapted**

153: presumably what is meant is “water-saturated”

→ **adapted**

177: “supporting evidence”

→ **adapted**

184: it is unclear what “compact” means in this context... “compressed”?...even that doesn't quite sound right

→ **Consequently, light penetrates deeper within the ice and absorption at red wavelengths make it appear blue.**

185: “encased” not “encaged”

→ **adapted**

194: “front is ~800–1000” instead

→ **adapted**

268: “reflectances are different”

→ **adapted**