



CHARA Operations & CMAP Sites

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Chief Operations Scientist - CHARA

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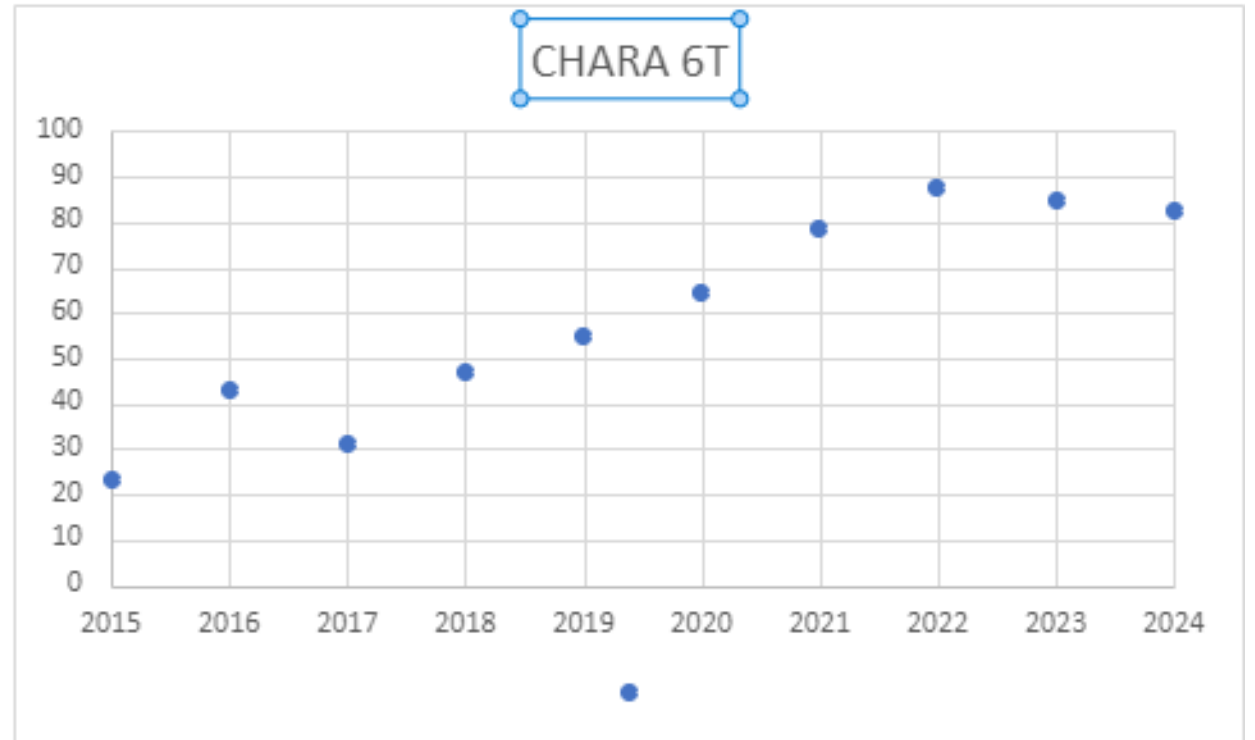
CHARA Operations

- Change in operations personnel
 - Norm moving to site management after approval
 - Becky has been filling in throughout 2023
 - New hire as soon as possible for training
- Discussion of proper tracking algorithm for IR vs Visible
 - Not enough time here, tomorrow during discussion?



CHARA 6T Statistics

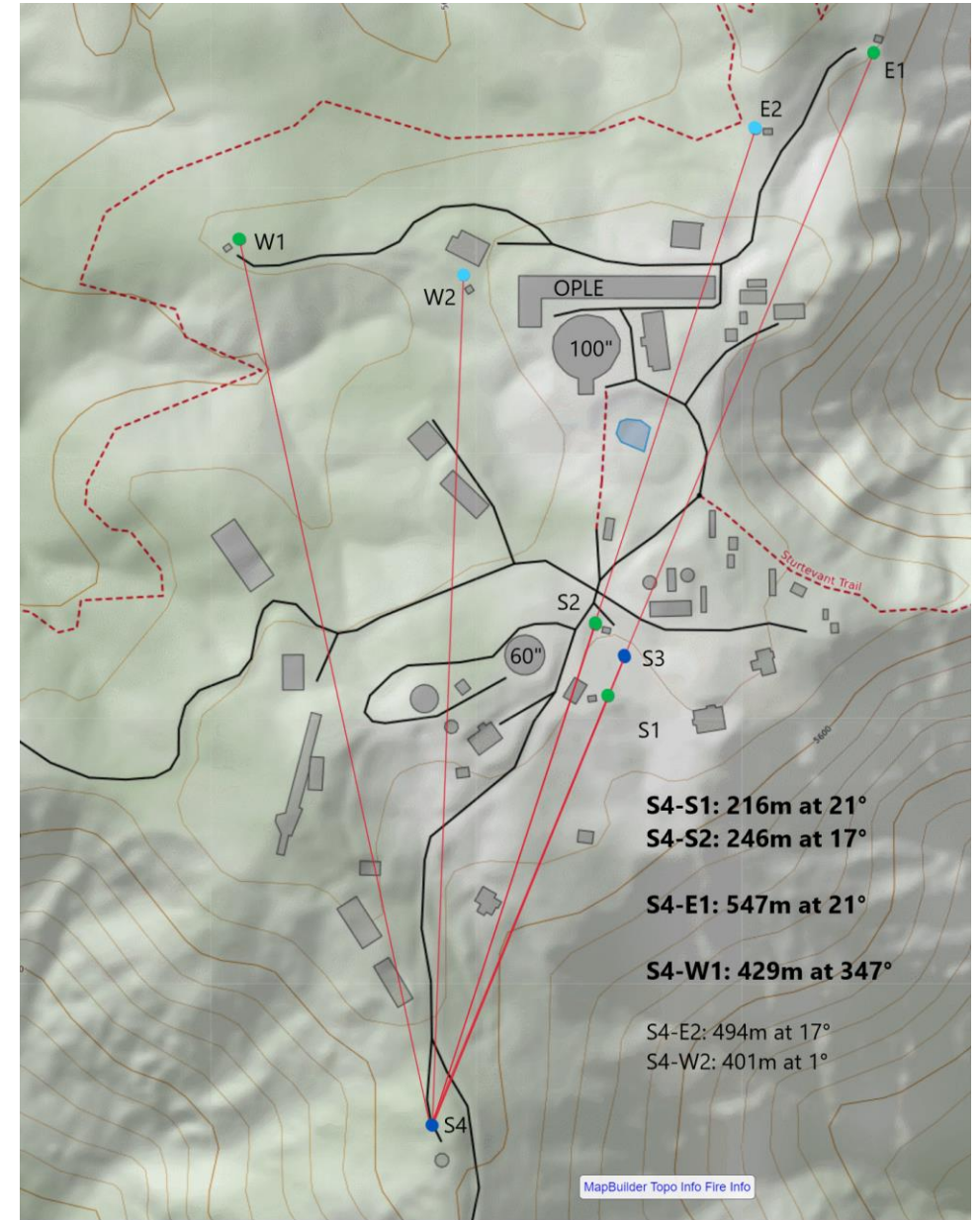
2015A: 26.5%	2020A: 59.4%
2015B: 20.0%	2020B: 69.9%
2016: 43.1%	2021A: 71.8%
2017A: 26.1%	2021B: 85%
2017B: 36.0%	2022A: 87.5%
2018A: 56.2%	2022B: 88%
2018B: 37.7%	2023A: 79.6%
2019A: 50.8%	2023B: 90.2%
2019B: 58.7%	2024A: 82.4%





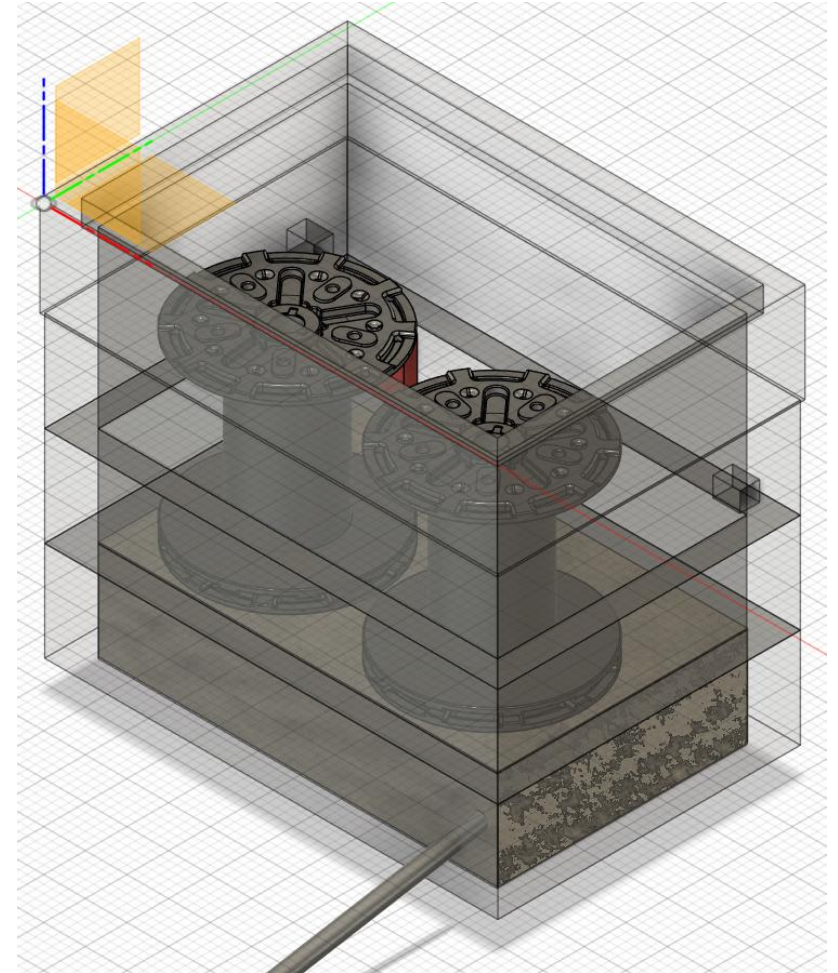
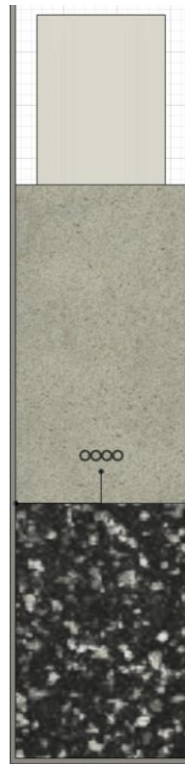
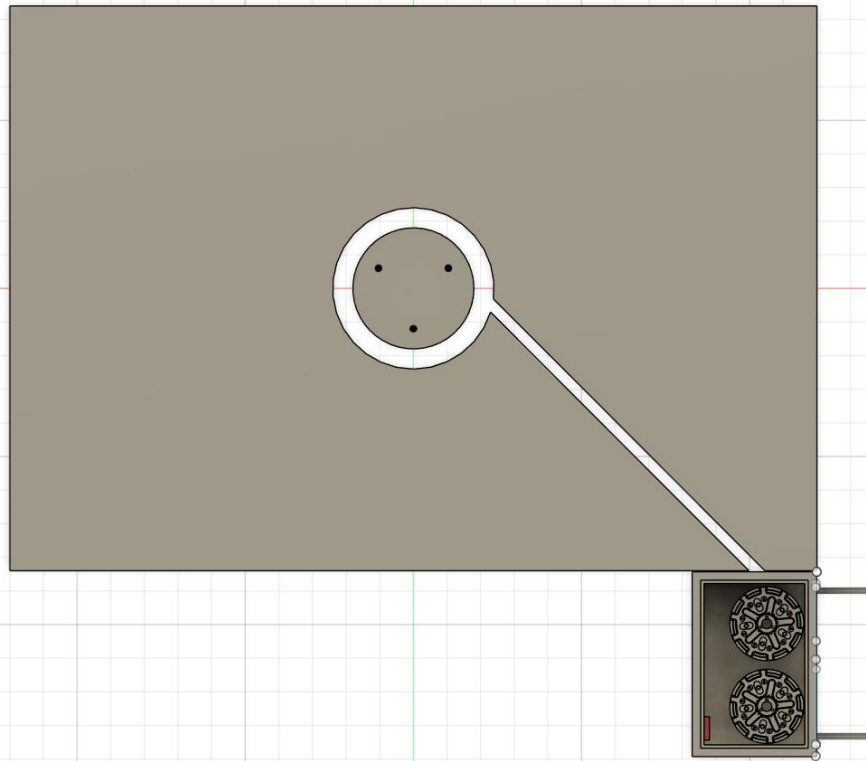
Under Construction CMAP Sites

- S3 - Southeast of S2
 - **17m from S2**
 - **26m from S1**
- S4 – South toward Monastery
 - North of Cooke Dome
- S3 construction complete
 - Pad poured and cured
 - Power connection secured
- S4 construction ongoing
 - Pad poured, approach unfinished
 - Power connection being established.

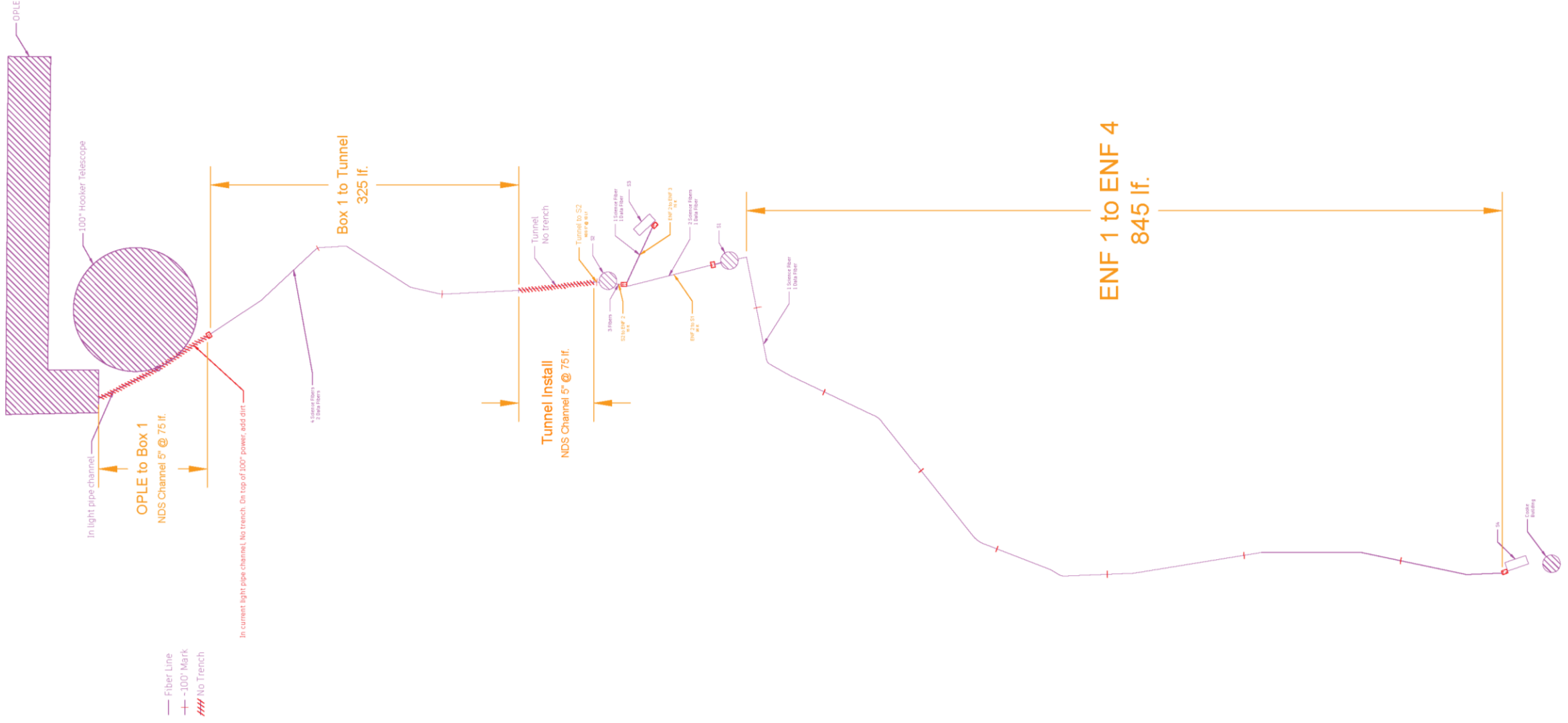
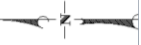


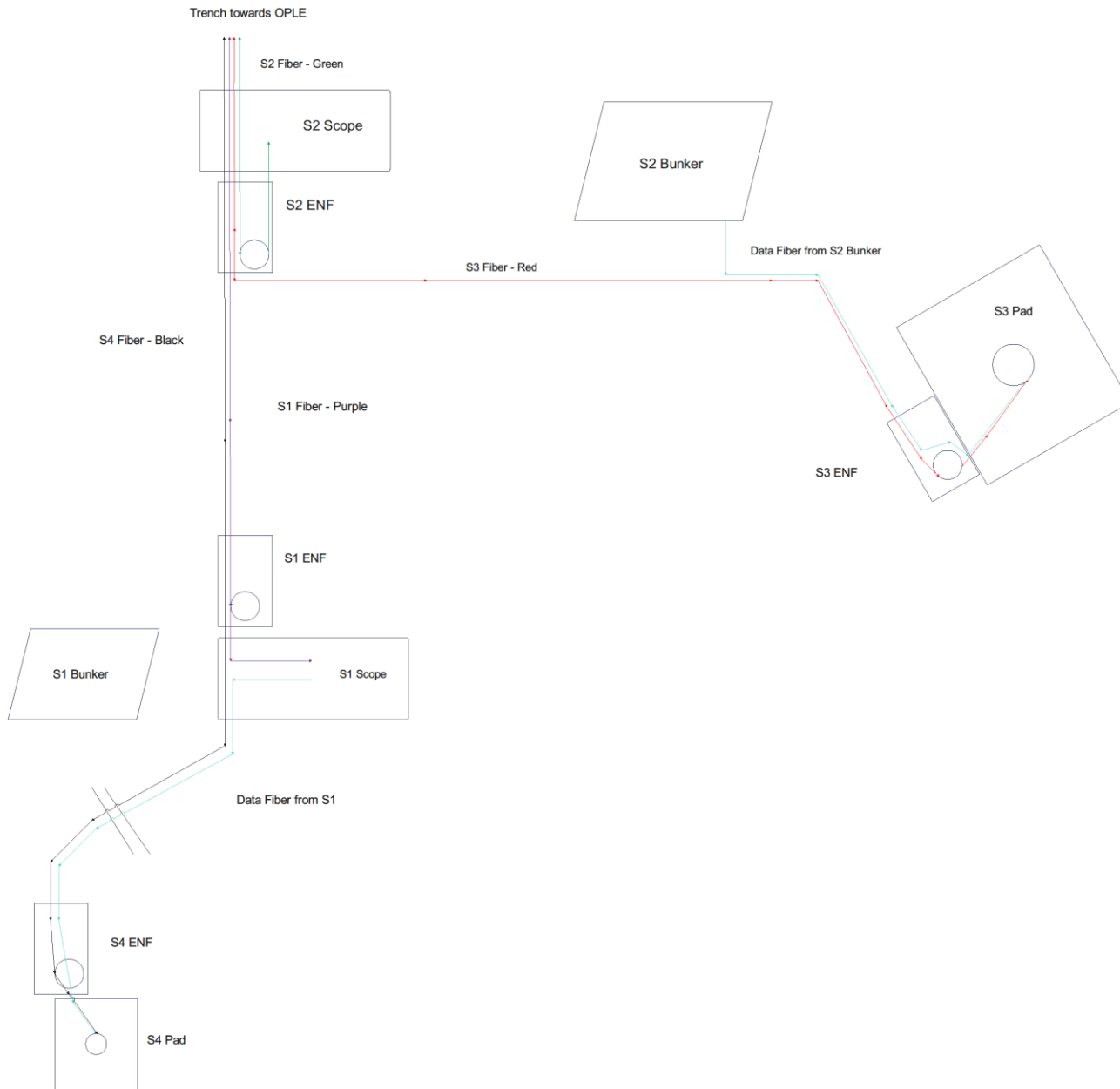


CMAP Sites and Fiber Trenching



CMAP Sites and Fiber Trenching







CMAP – S3 site before and after





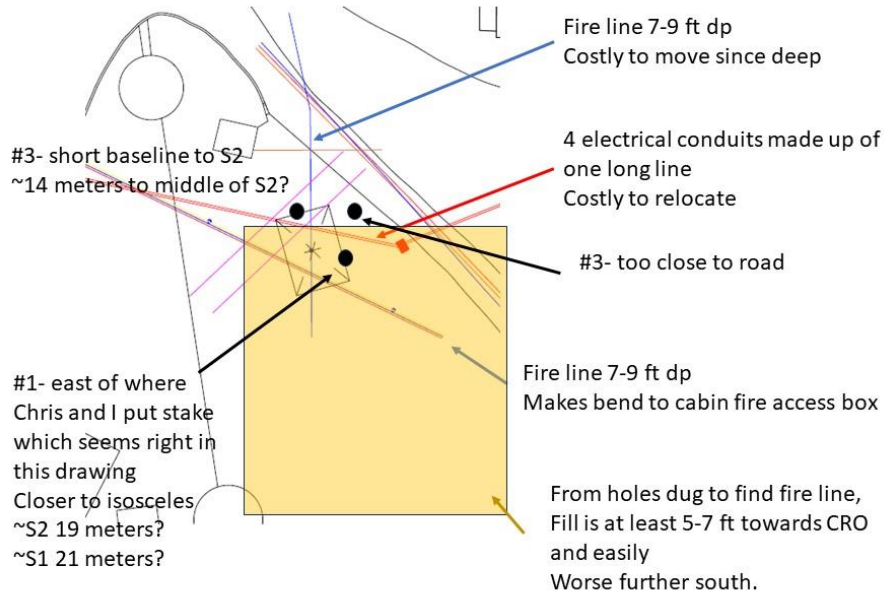
CMAP – S3 site before and after





S3 Site on Mar 6 from above

All locations need to be away from fire line and power line.





CMAP – S4 site before and after





CMAP – S4 site before and after





S4 Site selection from above Mar 8

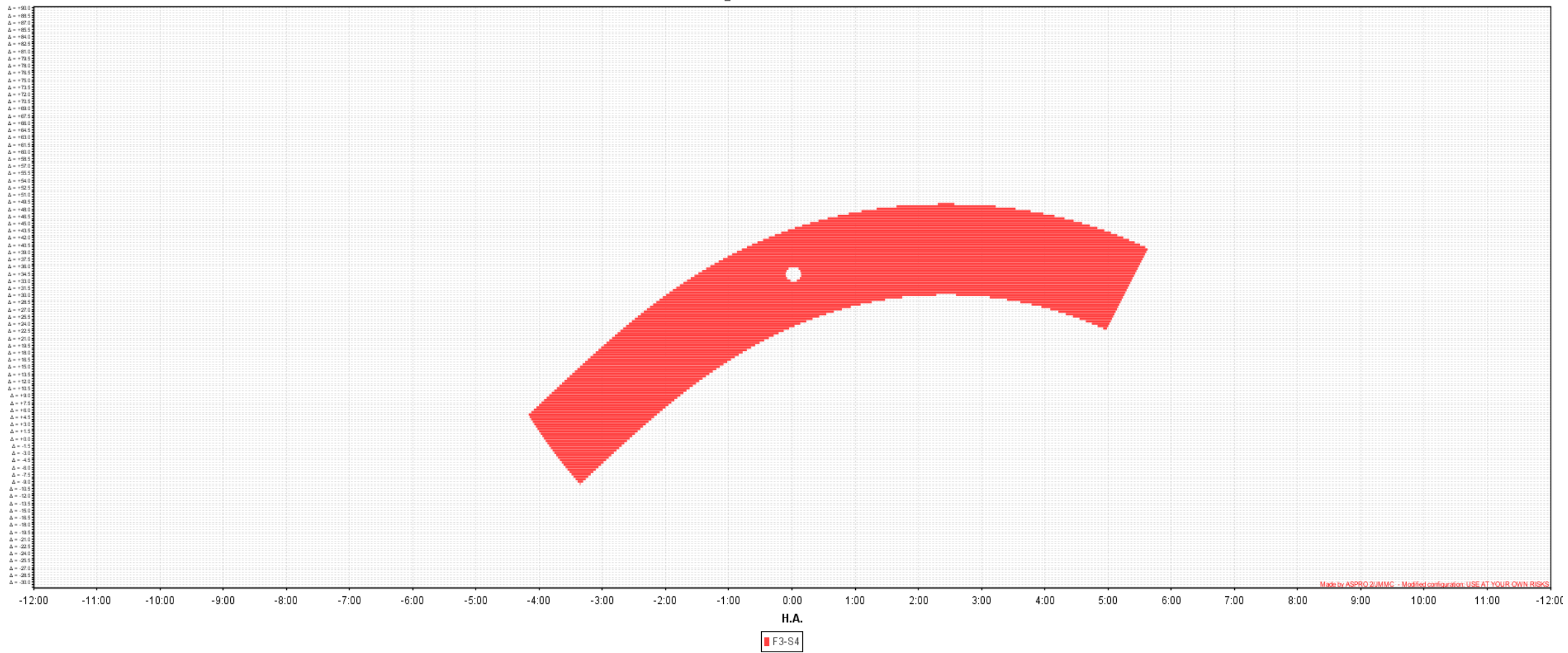
- Pad moved further north to accommodate underground obstructions
- Significant underground obstructions (water, power, gas) on approach only
- ENF box moved to west side approach, hill sections removed, walkway and wall on the east side





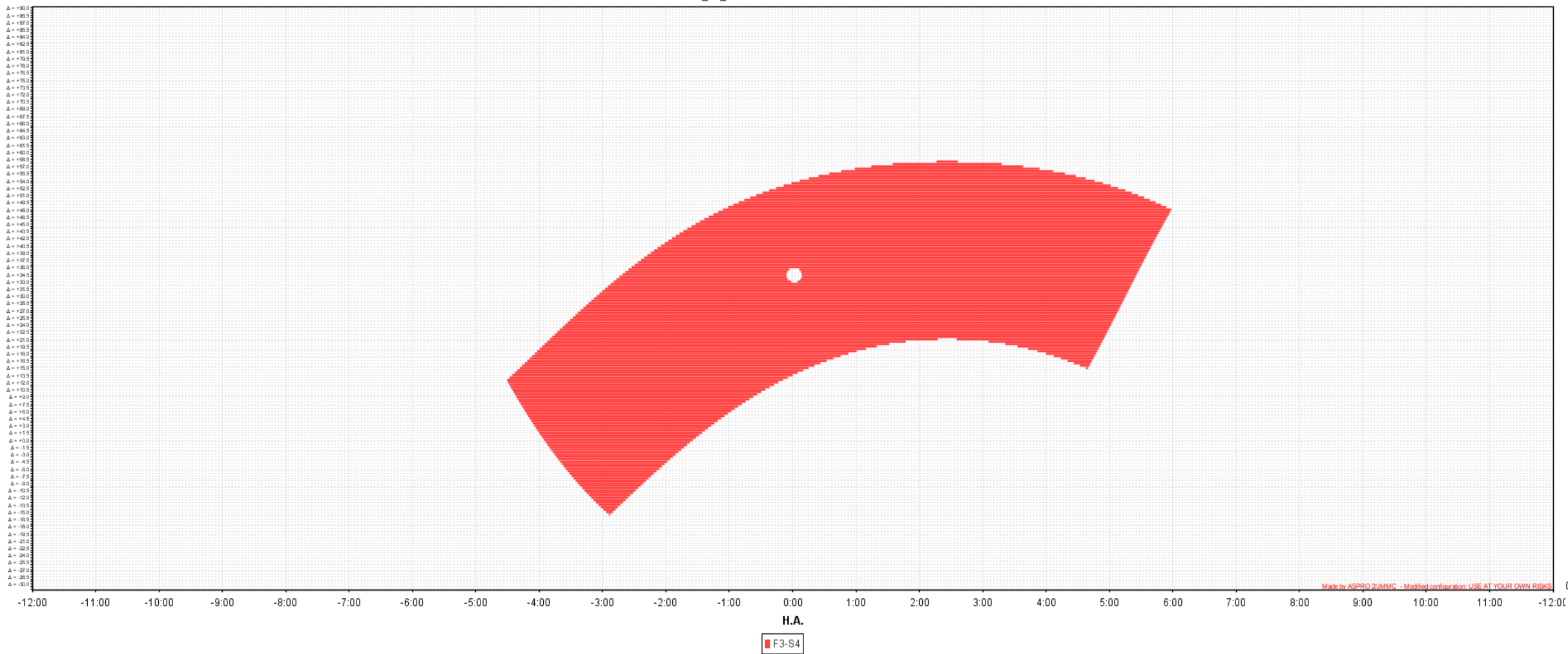


CHARA_7T Mobile - CLASSIC - F3-S4



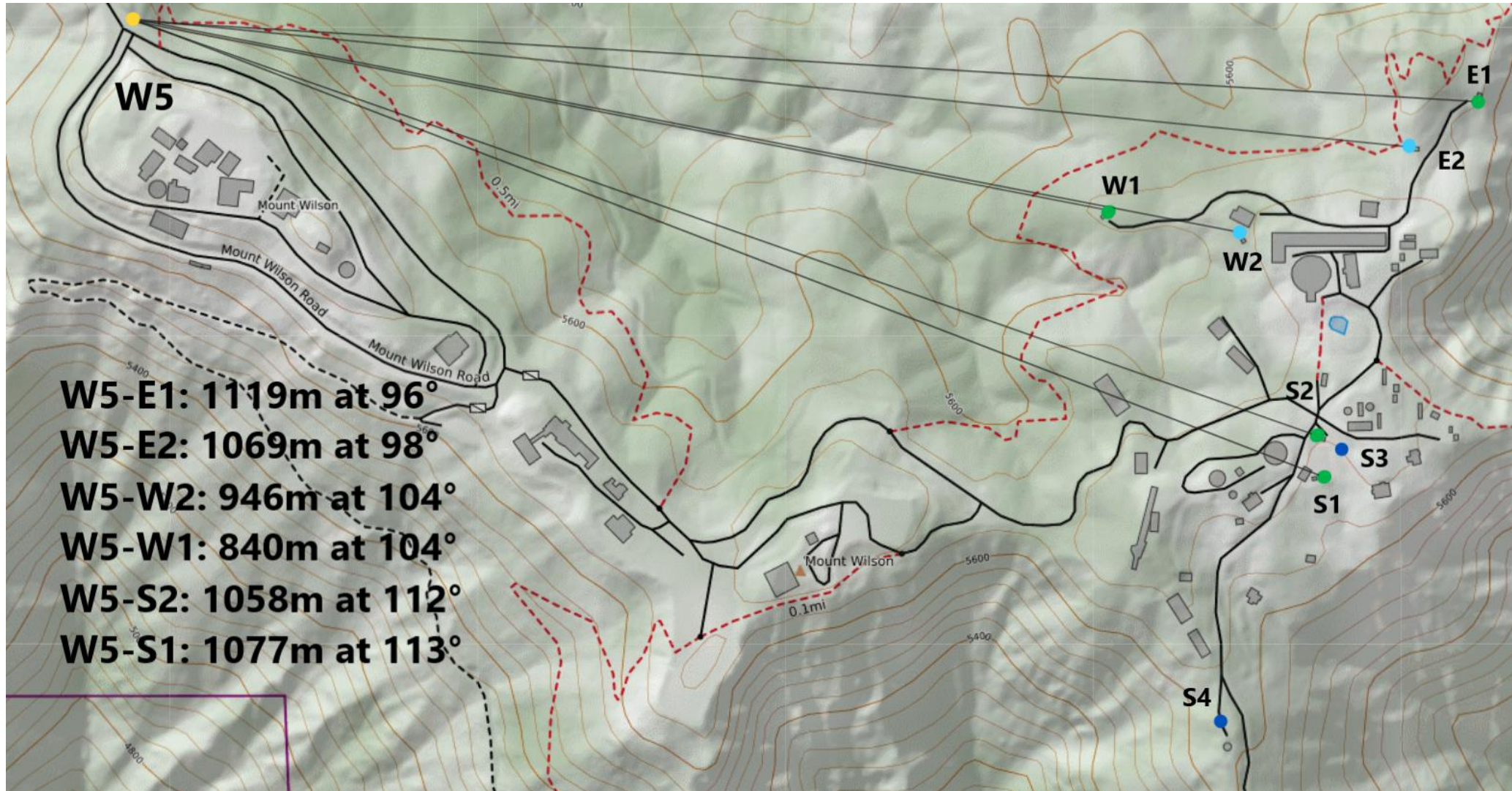


CHARA_7T Mobile - CLASSIC - F3-S4
CHARA_7T_dbIPass Mobile - CLASSIC - F3-S4





The Future – W5 (Channel 13)





The Future – W5 sky coverage

