

Decarb Meeting Chat: 28 July 2023

10:32:52 From Jacqueline Antonia O'Connor to Everyone:

Question: Does that mean it would be a good idea to have folks at NAVSEA who are hooked in with our programs? If so, how do we find those folks? I do this with NAVAIR in my program over in Code 35

10:35:30 From Fletcher, Kristen (CIV) to Everyone:

Thanks, Jackie. We'll revisit this question later in the meeting.

10:49:44 From Fletcher, Kristen (CIV) to Everyone:

Bill's slides will also be posted following the meeting:
<https://www.nps.edu/web/eag/decarb>

11:17:28 From Fletcher, Kristen (CIV) to Everyone:

quick link to a number of reports: <https://energy.sandia.gov/programs/sustainable-transportation/hydrogen/fuel-cells/maritime-applications/>

11:21:58 From ronald giachetti to Everyone:

Can you comment on how the hydrogen is stored?

11:30:24 From Bryant Fuller to Everyone:

Cryogenic storage - liquid hydrogen

11:31:36 From Bryant Fuller to Everyone:

- 253 degrees C

11:35:56 From Bryant Fuller to Everyone:

No one makes a methanol only engine, mixed fuel only

11:36:19 From Bryant Fuller to Everyone:

Methanol requires about 4.5x as tankage

11:37:45 From Sage's iPad to Everyone:

Let's set up a time to talk about methanol engines. My email is kokjohn@wisc.edu

11:38:30 From Fletcher, Kristen (CIV) to Everyone:

here is the link: <https://www.marinelink.com/videos/video/alternative-fuels-look-back-before-looking-ahead-100630>

11:55:02 From Fletcher, Kristen (CIV) to Everyone:

The carbon capture study is available:

https://nps.edu/documents/114698888/139913016/LCE_Marine+Carbon+Capture+Tech+Review+%28Oct+2022%29.pdf/d35f2924-246c-cfdf-14a5-ca5b5959aded?t=1675268332690

11:58:05 From Fletcher, Kristen (CIV) to Everyone:

Admin to wrap up the meeting: Next mtg is Aug 18, Zoom, 1 - 3 ET. Let me know if you don't have the invite.

11:59:12 From Fletcher, Kristen (CIV) to Everyone:

And... Sept 8 meeting will be switched to Sept 7; Still hybrid; in-person in DC Area, likely Arlington; time TBD but likely 12:30 – 3 ET. Will send out a revised calendar invitation once we have a time identified.