

Follow up and Action Items from Governor's Ocean Energy Task Force's Tidal Sub
Committee Scope Area: Human and Ecosystem Impacts
Scope Leader: Gayle Zydlewski, UMaine

Call held on March 10th, 2009

Here are the action items from the meeting:

1. Nate Vail will forward FERC pilot permitting criteria to Gayle who will circulate it to the group (attached)
2. Gayle will summarize requirements in a table (below)
3. Bob Blackmore will provide information on cabled observatories that Gayle will circulate
4. Parker will find out how sub-committees will effectively interface to result in clear recommendations, e.g. monitoring impacts identified by this group
5. Gayle will compile a list of Impacts from these notes and add to those mandated by FERC (forthcoming)
6. Gayle will contact state and federal agencies for input to this group (perhaps joining the next meeting) – (Contacts have been made)
7. We will consider next steps via email
8. Possible IN PERSON meeting in the first week of April

I have summarized the FERC requirements in the table below (feel free to add if I missed something). At our next meeting we will consider how the physical and biological parameters are related, discuss associated impacts, and add to the list as needed.

Note that we didn't speak specifically about human impacts but some of this emerged from our discussions (see table below).

Finally, I will be attending Subcommittee #1 (Environment and Human Impacts) next week. It seems there could be some overlap. I will consider this with the chair and bring information back to this group.

Thank you for your participation. Please be in touch with thoughts, corrections to the notes, and ideas on the lists below.

Gayle

FERC requirements:

Physical parameters

Substrate

Water velocity (fps)

Flow (cfs)

Wave intensity

Wave amplitude

Temperature

DO

ETC

Acoustics – air

Acoustics – underwater

Biological parameters

Sensitive species - (which?)

Spawning habitat

Feeding habitat

Marine mammal community

Habitat quality (feeding, breeding, rearing, resting)

Seasonal patterns of bird species

Human considerations (*note that the stakeholder column is not linked to the parameter and impact columns, it is a separate list*):

Parameter	Impact	Stakeholders
Local Jobs	Increase number and higher income	Local citizens
Port infrastructure	Keep water front working	Coastal fishermen
Composite technology	New sector for enhanced job opportunities	Local businesses
Research and Development	New opportunities	Developers
New use of harbor	Potential for miscommunication	Researchers
Aquaculture companies		State regulators
Seasonal activities	More balance of uses required	Federal regulators
Availability of electricity	Local, predictable, renewable	Recreational fishermen
Navigation	Obstacle	Aquaculture companies
Use of bottom	Conflict	Large Boat (ship) traffickers