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IMO

On radar screen  
Don't yet appreciate need for speed

Armand Cohen Copenhagen Boston

Shipping

IMO

Annex VI effort will be wrapped up in Nov - sulfur & nitrogen focus -  
Emissions from ships

US not helpful  
EU - has put in place EU - ETS - Airline industry  
India/China oppose -

Secretariat wants to put IMO

Emissions

James Corbett, Delaware - CO<sub>2</sub>

Pro FOEI

Black carbon in 2nd phase.

Something by 2009 Bali - too optimistic or 2011.

- \* Should attack particulate matter more directly
- \* Bunker fuels
- \* Buy credits from land-based sources

→ Arctic - MPA - PSSA - to limit shipping in Arctic w/ super advanced BC control can go to Arctic

Flag states -

- Marshalls?

- Mauritius

We want to be a "force multiplier" - no one is really focusing full speed on BC

IMO - push  
perfect the case

Gothenburg Protocol - Lertap?

- not specifically shipping

UNEP - Steiner

- Regulatory competition between organizations

IMO - we can accelerate pieces

- put in place regulatory structures that can be strengthened later -

Montreal Protocol

① Reduced 50% reductions

② then 75%

③ then 100% - reduced to ten years -

→ Update BC menus (us)

Tires

NASA

Science Mtg

Consensus paper written quickly

Find scientists in China & India <sup>that</sup> can support

scientific conclusions

Technology piece - what are the solutions

We've reduced BC in developed countries  
five-fold in last ~ 10/50 yrs - how - can it  
be replicated in other areas -

Which shipping companies would like to  
see this done - can we get them on our  
side - how do we evolve old ships.

Totally tied up tomorrow -

Tuesday