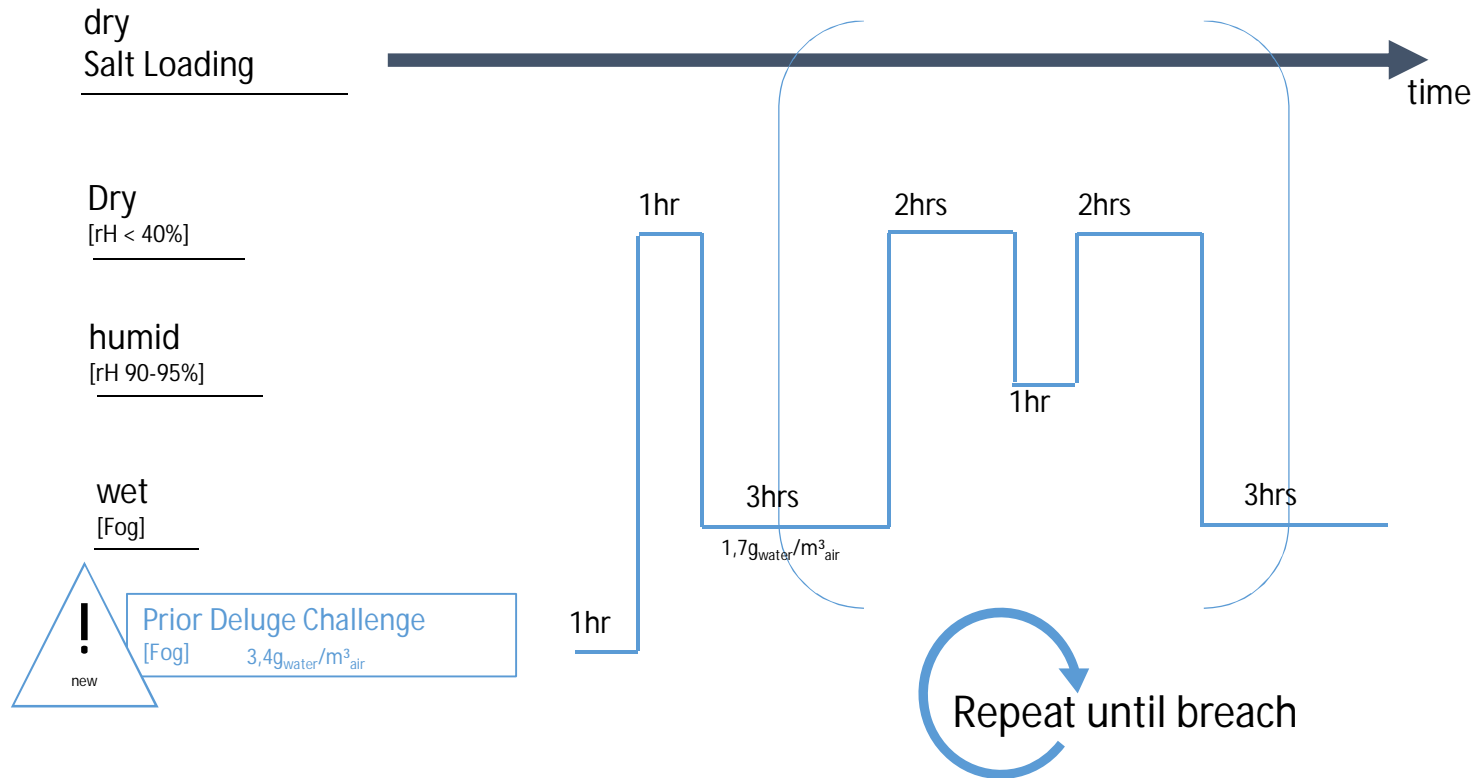


SIMULATION OF WATER BREACH FOR MARINE APPLICATIONS – ON PLEAT PACK LEVEL

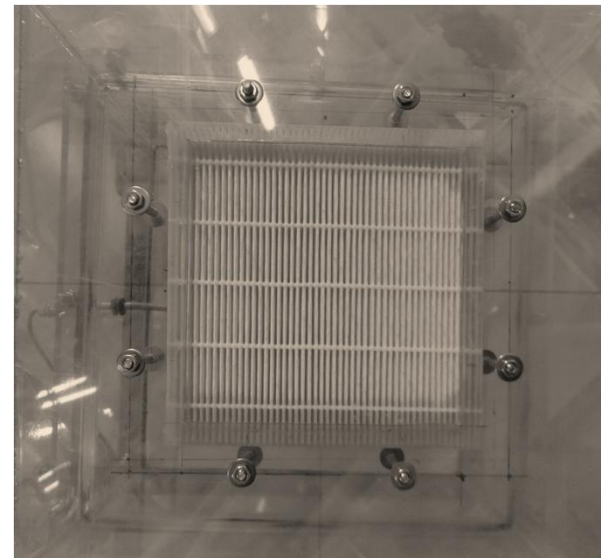
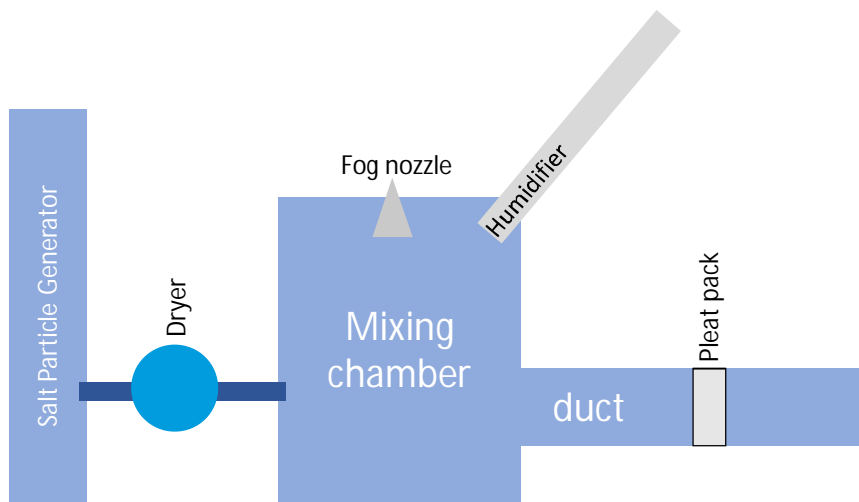
Timon Huber

July 19, 2019

Method



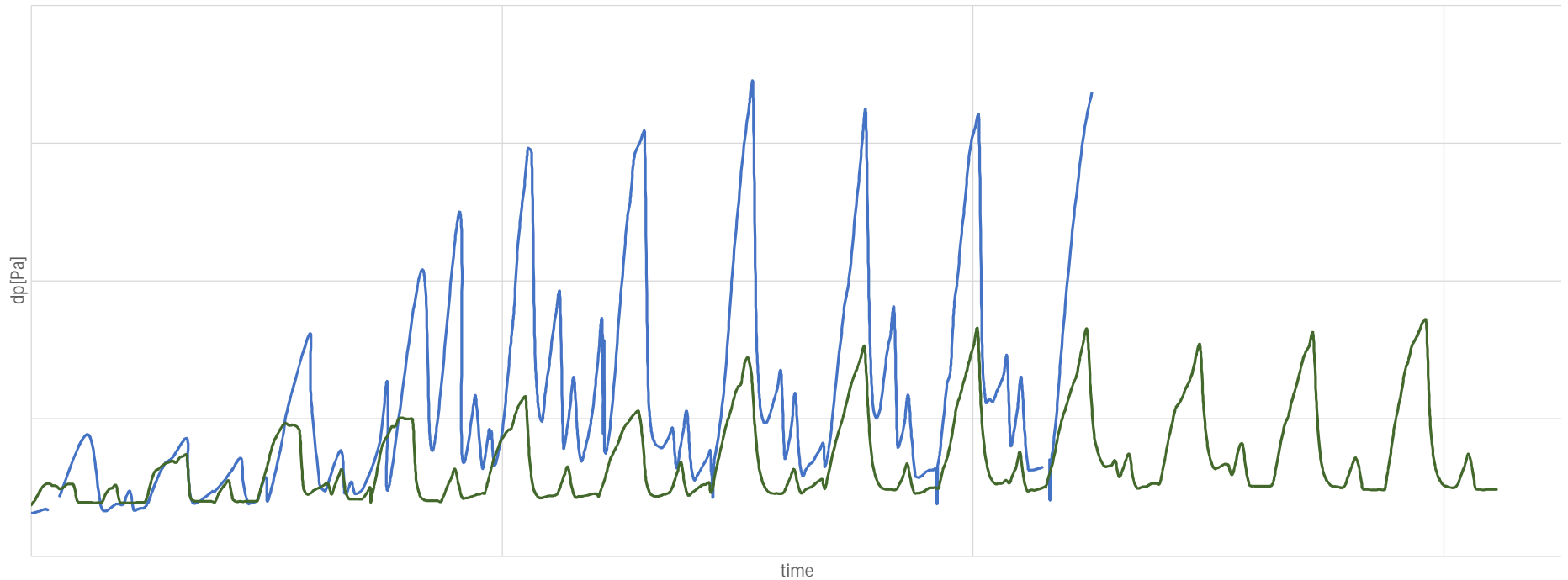
Setup (Pleatpack level – no full filter)



sample mounting in the duct

2 different pleat packs where tested:

different in shape and different in media



Equipment used

- Salt Generator by Camfil
- Fog Nozzle: Schlick
- Media velocity according 4250m³/h
- Sensors: Ahlborn Sensors