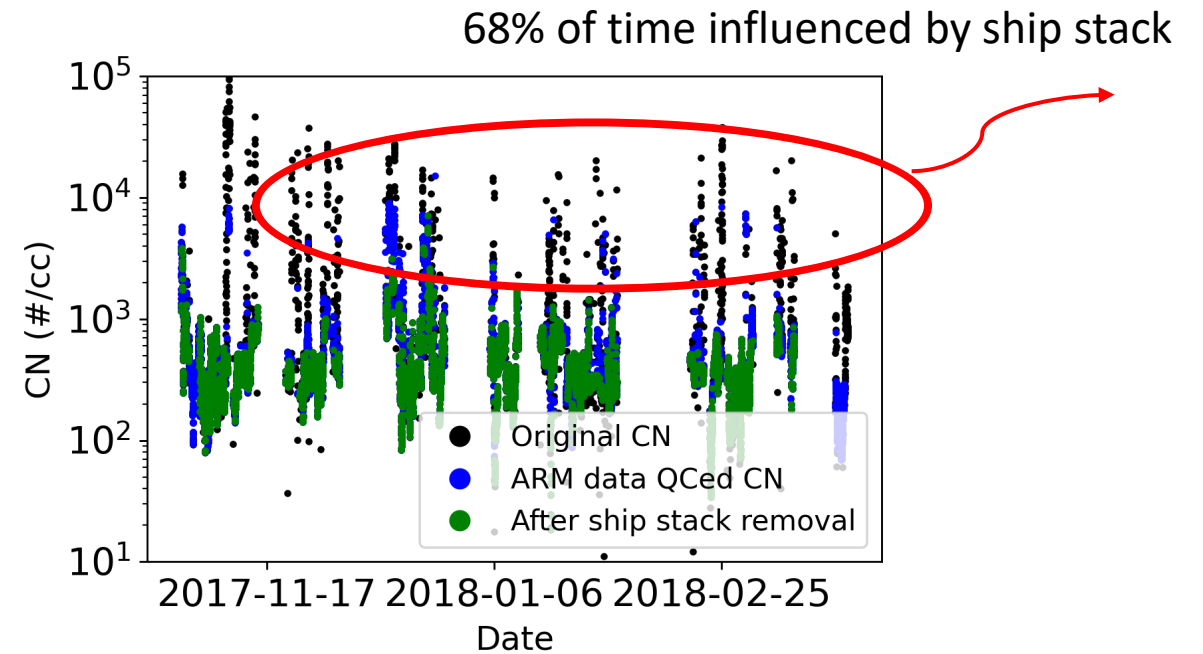
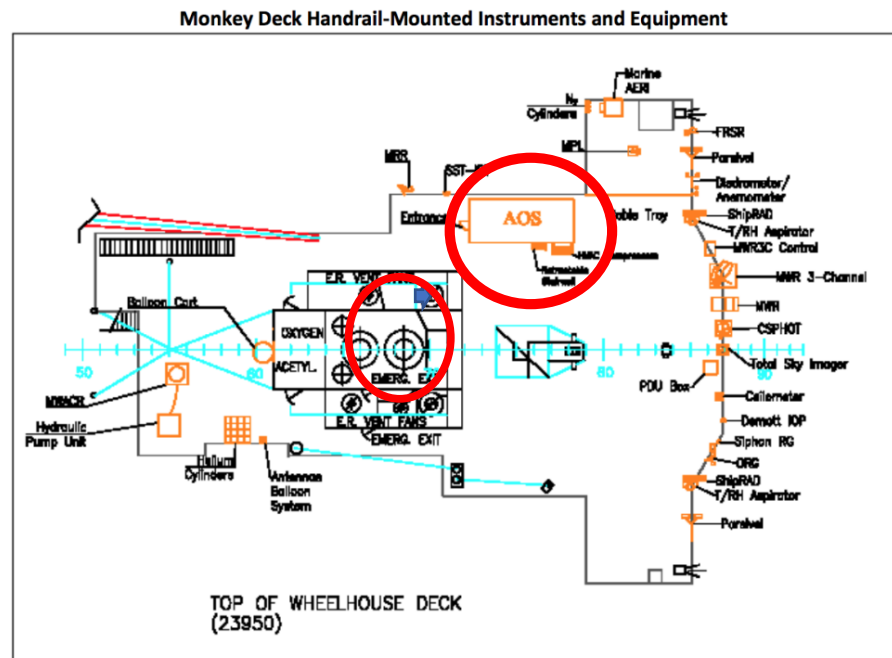


2022 ARM/ASR meeting

Qing Niu

How to improve SO the observation of aerosols, CCN, INPs, etc. in the future?

- Decrease Ship stack contamination ratio



How to improve SO the observation of aerosols, CCN, INPs, etc. in the future?

- More sample number of CCN and INPs south of 62S
- Vertical profile of aerosols
- Full aerosol size distribution, small S-based particles can be CCN
 - $D < 60$ nm
- Chemical composition of CCN
- Add Chlorophyll surface observation..
 - satellite observation influenced by clouds

