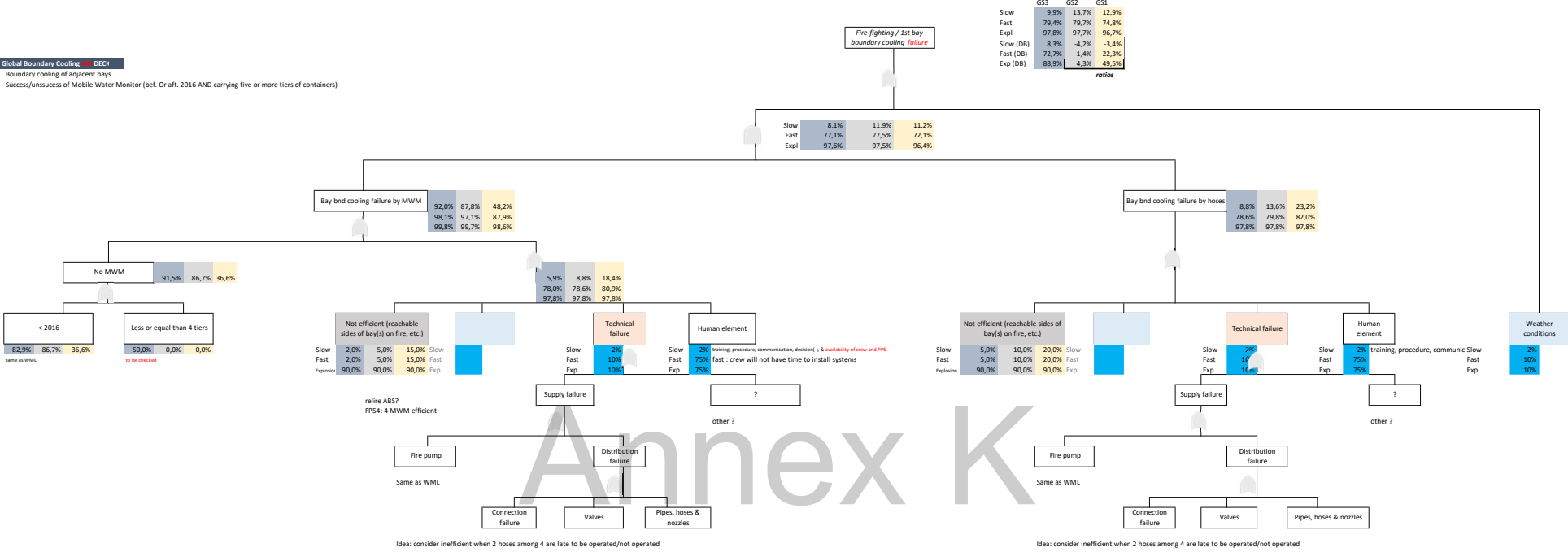


Fault tree on Global Boundary Cooling DECA
Including Boundary cooling of adjacent bays
Success/unsuccess of Mobile Water Monitor (bef. Or aft. 2016 AND carrying five or more tiers of containers)



*Location of affected bay
*Cargo within bay
*Scale of fire
*Type of fire
*Training of crew
*PPE of crew
*Decision making of officers
*Sufficient water

Bay contains other dangerous good
Crew cannot cool the right areas due to lack of information
Crew cannot cool the right areas due to inability to access
Mechanical damage to equipment
Equipment too cumbersome to use (weight of water monitors, water hoses pathways)
Equipment failure (e.g. No activation of fire main fail due to design issues)
Insufficient equipment (e.g. hoses/hydrants)
PPE air quantity not sufficient for extended firefighting
Weather creates unfavourable conditions for cooling
The supplied equipment does not have capacity to reach the bay from a safe distance.
Number of available teams
Event happens during night time
Leakage of water into other areas

OR Gate AND Gate Exclusive OR Gate Priority AND Gate Inhibit Gate