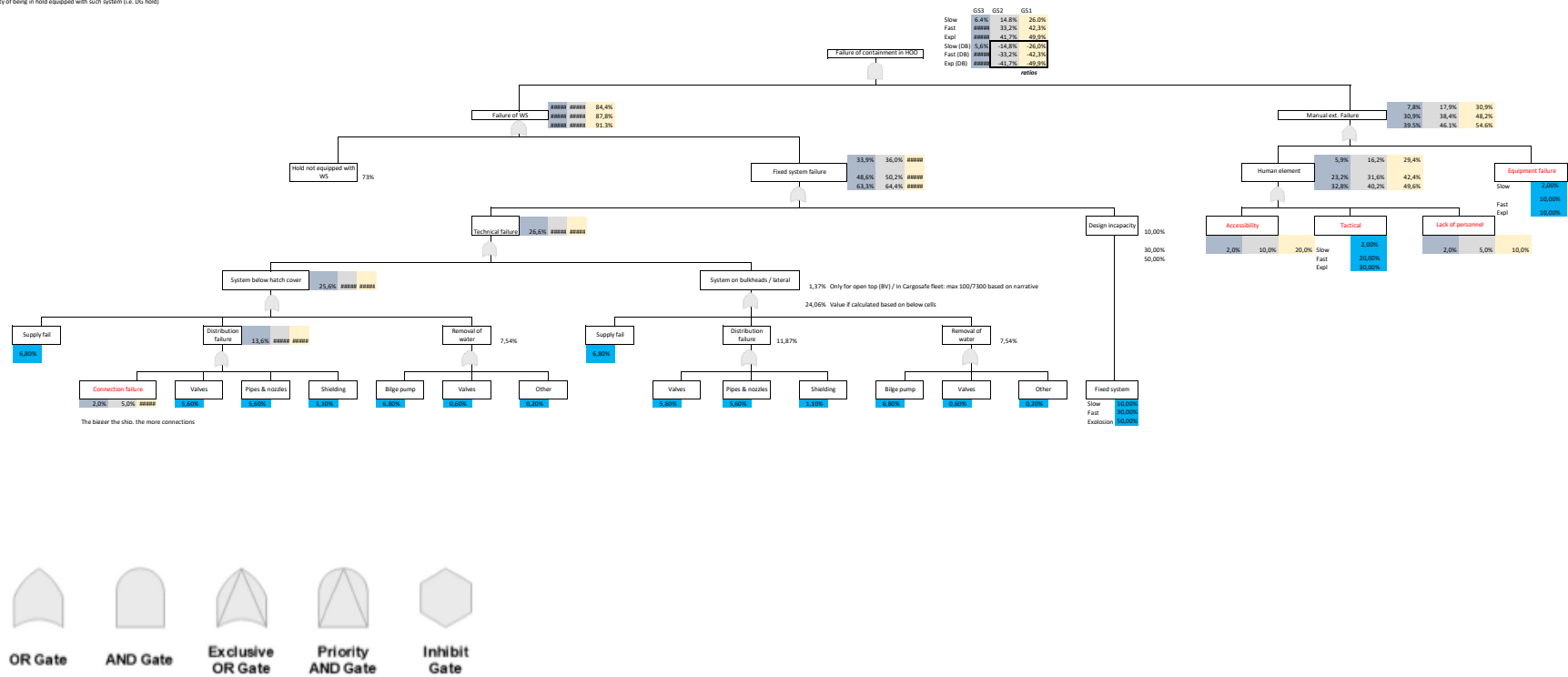


Failure tree on Water Spray system - DGL

Including  
Probability of being in hold equipped with such system (i.e. DG hold)



# Annex J

# CARGOSAFE

Fire is already large, making cooling ineffective

Cargo hold contains undeclared dangerous cargo

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 failure (e.g. No activation of fire main fail due to design issues)

Equipment too cumbersome to use in the hold (weight of water monitors, water hoses pathways)

Hatches not closed

Insufficient dimensioning of the fire main to support both fire fighting activities and boundary cooling

Steam development while cooling bulheads

Insufficient equipment (e.g. hoses/hydrants)

Crew size insufficient to conduct boundary cooling

Explosion

# Annex J

# CARGOSAFE