

6-strut (AKA hexapod) head support concept. 3 translations and 3 rotations (roll, pitch, yaw) possible. scheme shown here is simplest to use, and no survey/programming is needed to make adjustments

head/shield C.G. runs through these two ends. All other ends are lightly loaded and used for stability and steering only. All 6 struts must be used, otherwise structure will collapse !

a nozzle clamp will be attached to provide strut mounting

attached to head brackets (bolted to threaded flange holes)

expansion joint to decouple high flow pressure relief valve from nozzle (avoids reaction load on vessel. separate valve mount required)

a small bracket providing a common mount for these three rod ends will be here

attached to baseplate

