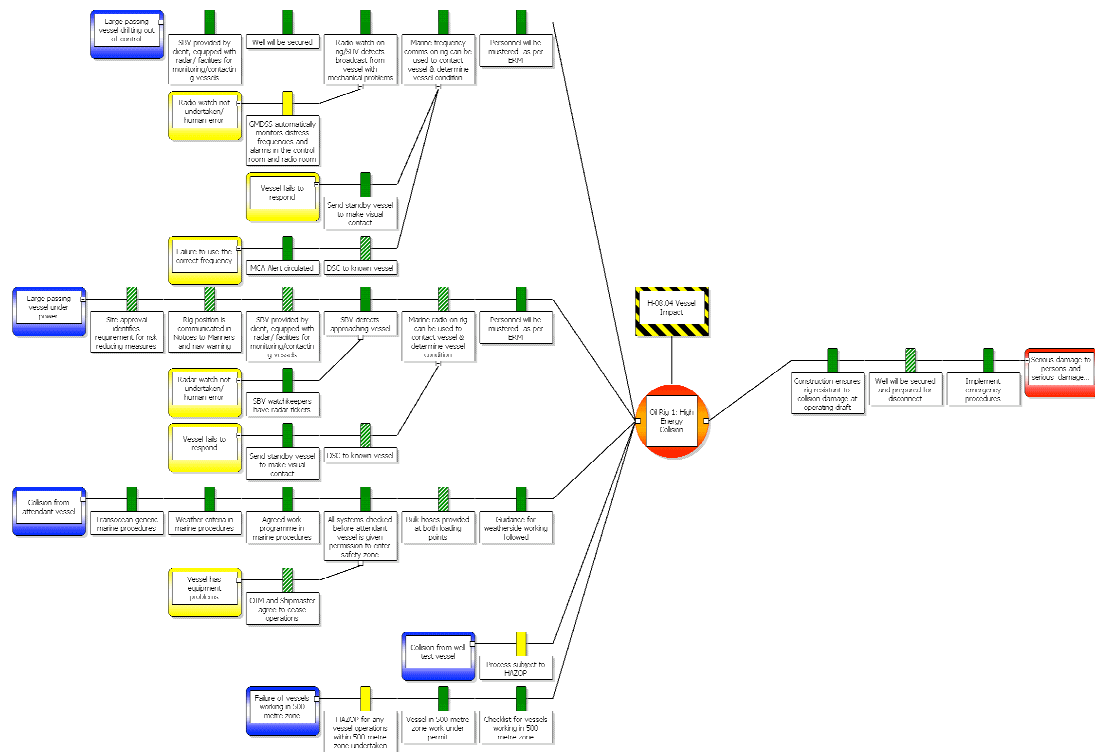


guidewords the discussion can take place and the results recorded, and then if necessary recommendations made.



*A BOW-TIE RISK ASSESSMENT. The picture shows the threats which could cause the realization of the hazard, and the barriers in place, as well as the consequences and the means of mitigation.*

For instance for the departure from port one might want to have guidewords such as “securing”, “charts”, “radar”, “bridge team”, “rope stowage”, “pilotage”, “channel”, “leading lights”, “tides”, “passage plan” and so on. The words do not have to be carefully thought out since they are intended to stimulate the discussion not act as headings, and with only a bit of practice they will easily come to mind. It would of course be impossible here to anticipate the precise direction of the discussion, but it may be worth giving it a try.

Lesser tasks require some sort of job analysis. These are variously termed as “toolbox talks”, “safe job analyses” (SJAs), or “task risk assessments” (TRAs). Ideally if this form of assessment is to be carried out the guys who are to do the job should convene with the procedure which is in place and then go through it to determine whether it is appropriate, and whether modifications should be made.