$\pi_{shipName,className,builtYear}\ (\sigma_{country="USA"}\ (\text{S} \bowtie_{name=className} \text{W}))$

$\pi_{shipName}(\sigma_{status='ok'}(R))\ \cap\ \pi_{shipName}(\sigma_{status='damaged'}(R))$

R1 $\leftarrow \gamma_{shipName,firstDate<-min(date)}(M \bowtie R)$

R2 $\leftarrow \pi_{shipName,sunkDate<-date}(\sigma_{status='sunk'}(M \bowtie R))$

Result $\leftarrow (\sigma_{Years(sunkDate,firstDate)<=2}(R1 \bowtie R2))$

$\tau_{shipName}(\sigma_{cnt>3}(\gamma_{shipName,cnt<-count(*)}(R)))$