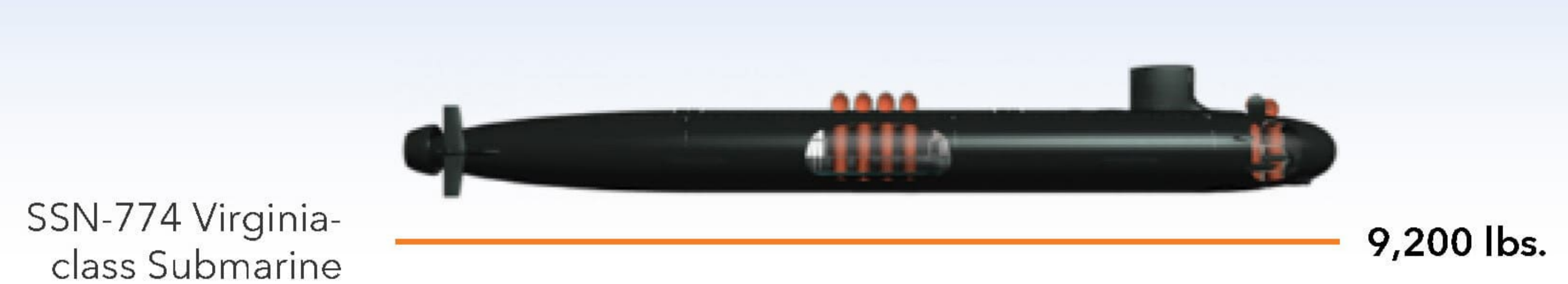


# Rare Earths are Critical to the Defense Supply Chain.



## Rare Earth Elements Used

Nd, Pr, Sm, Dy, Tb  
*Neodymium, Praseodymium, Samarium, Dysprosium, Terbium*

## Rare Earth Technology

Compact / Powerful Permanent Magnets

## Function / Application

Guidance & Control Electric Motors and Actuators

## Selected Examples



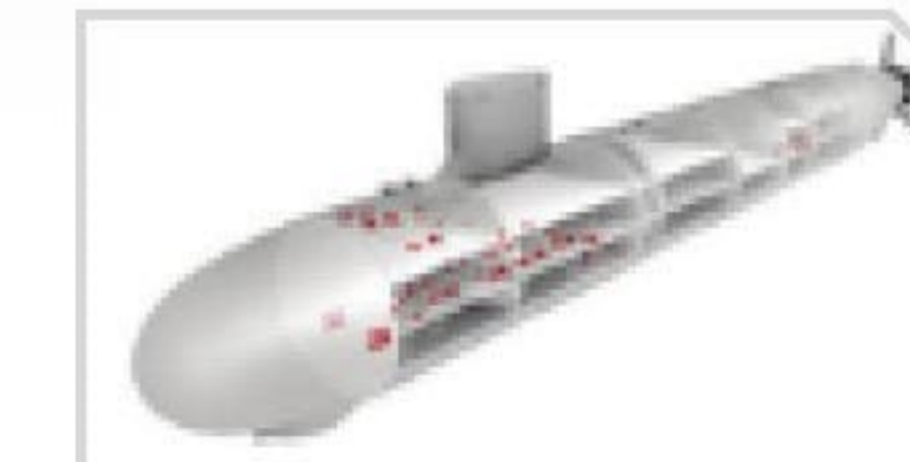
Tomahawk Cruise Missile



Smart Bombs



Joint Direct Attack Munitions



Joint Air to Ground Fin Actuator



Predator Unmanned Aircraft