

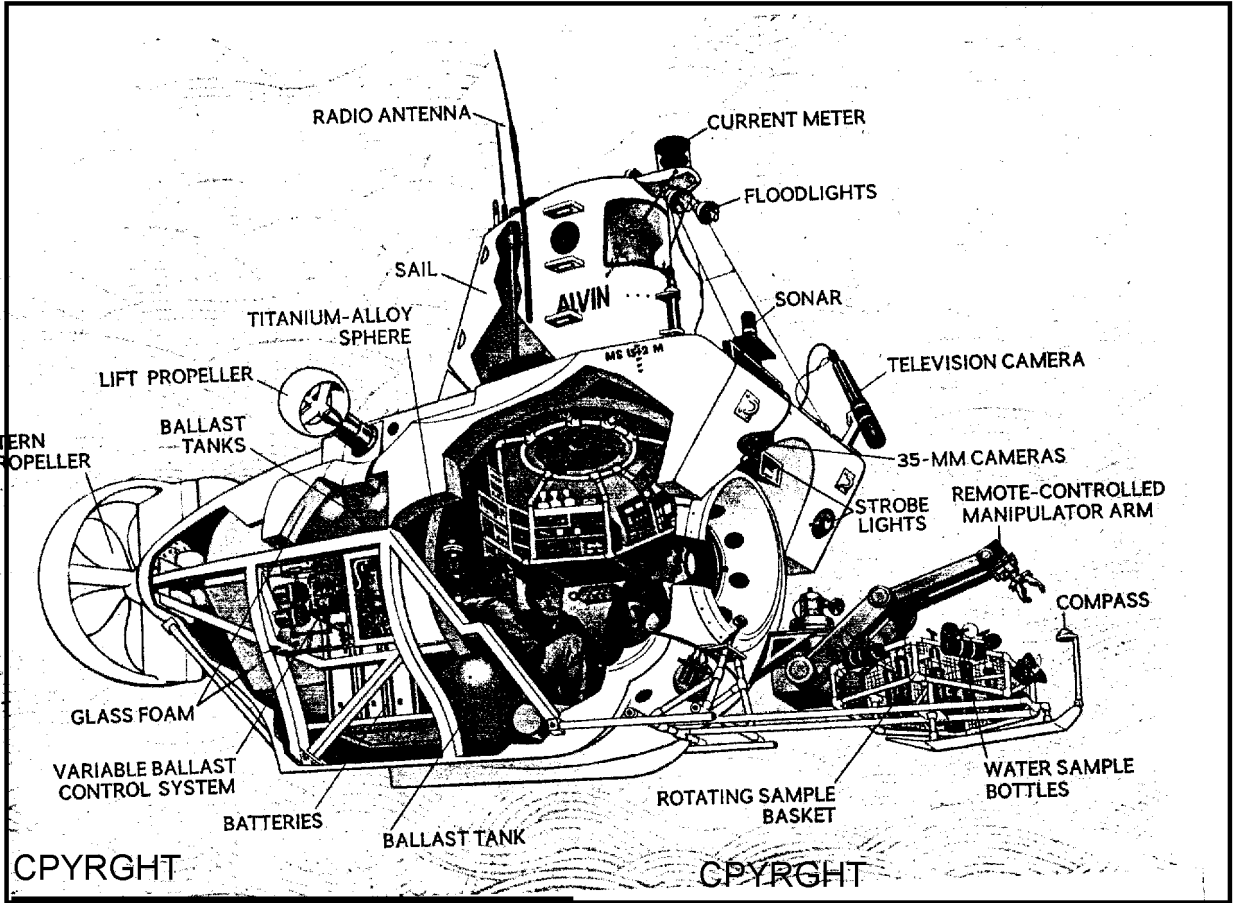
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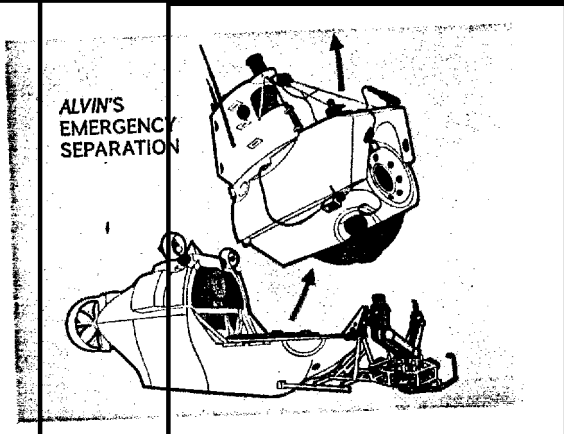
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CPYRGHT



Safety comes first, not comfort, in the manned submersibles that took part in FAMOUS. Each houses its passengers in a sphere, the best shape for withstanding extreme water pressure.

Alvin's new titanium-alloy sphere, only two inches thick, is identical to another that withstood pressure to 22,500 feet when tested by the Navy. Her self-contained variable ballast system (above) depends on pumping water in and out. Should *Alvin* become entangled, her passenger capsule and conning tower, or sail, can disengage and float to the surface (right center).



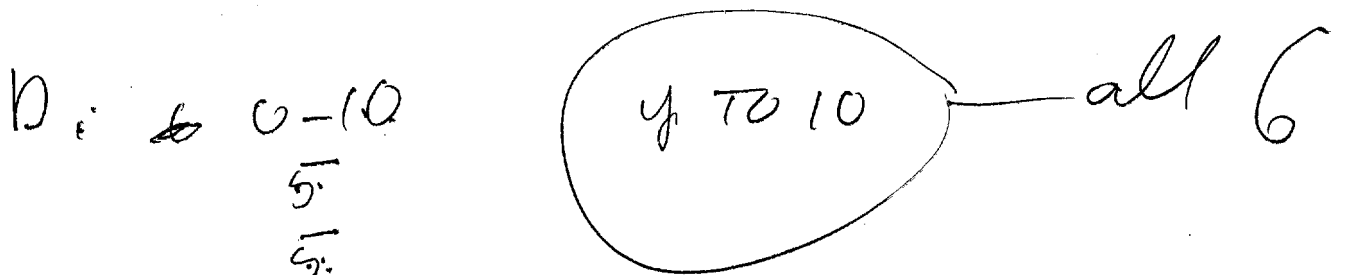
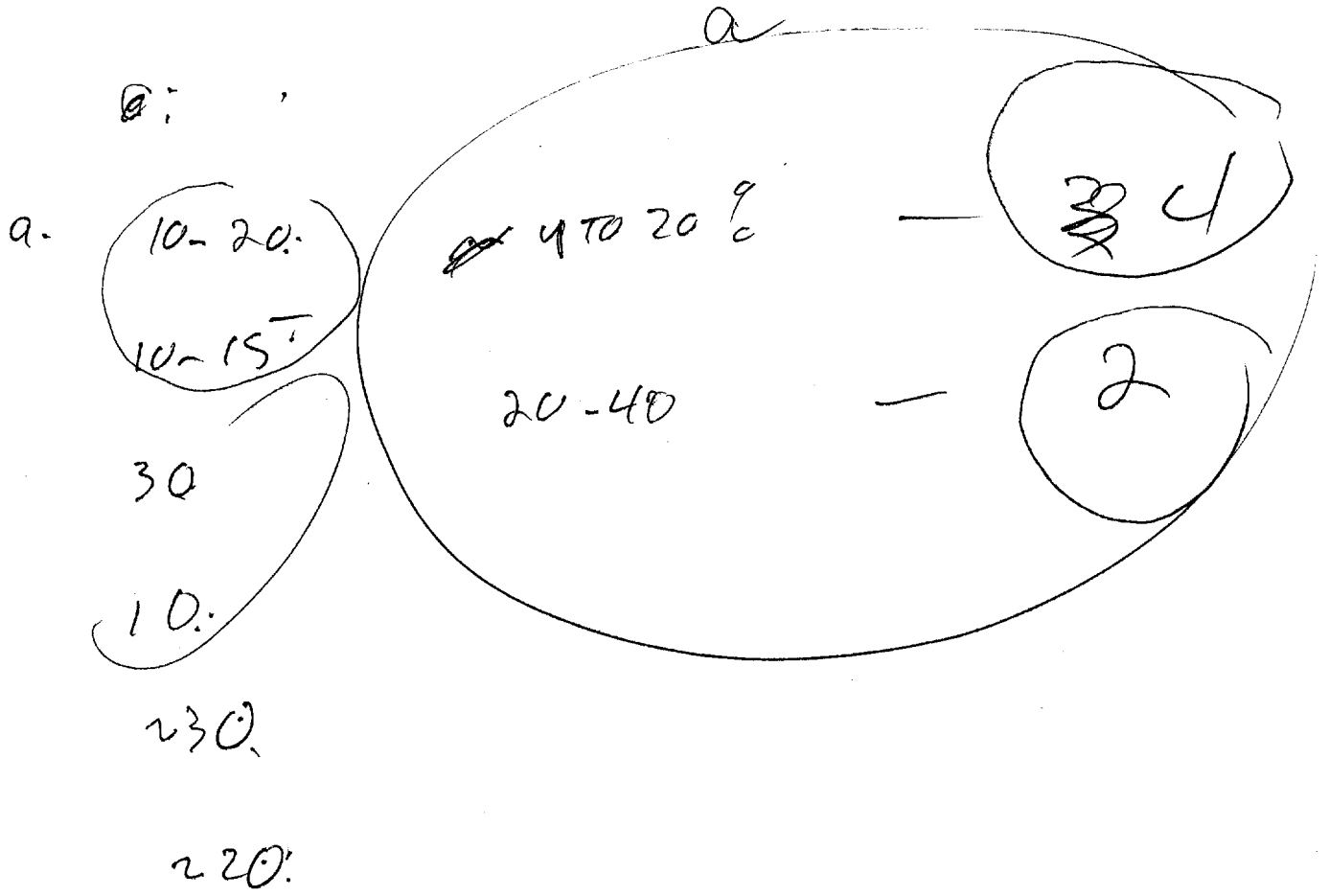
Concepts Generic
Key Elements Value

- o Water
- o Object / Structure
- o Spherical
- o Motion / Propulsion
- o Hard metal

— Analytical Labels

- o Submersible / Submarine
- o Underwater
- o Propulsion
- o Crew

o Phenetics 'A-VIA'



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