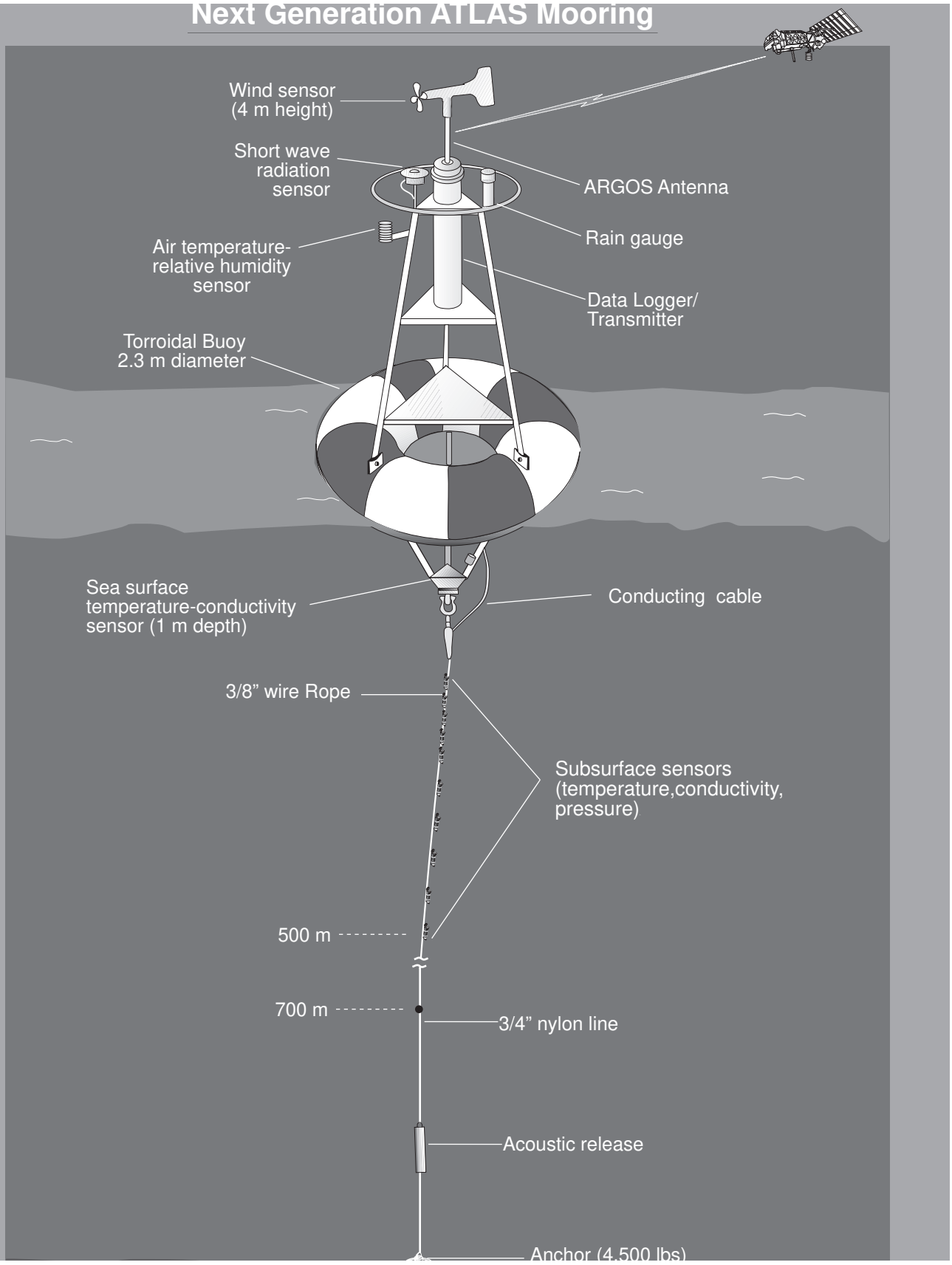Next Generation ATLAS Mooring