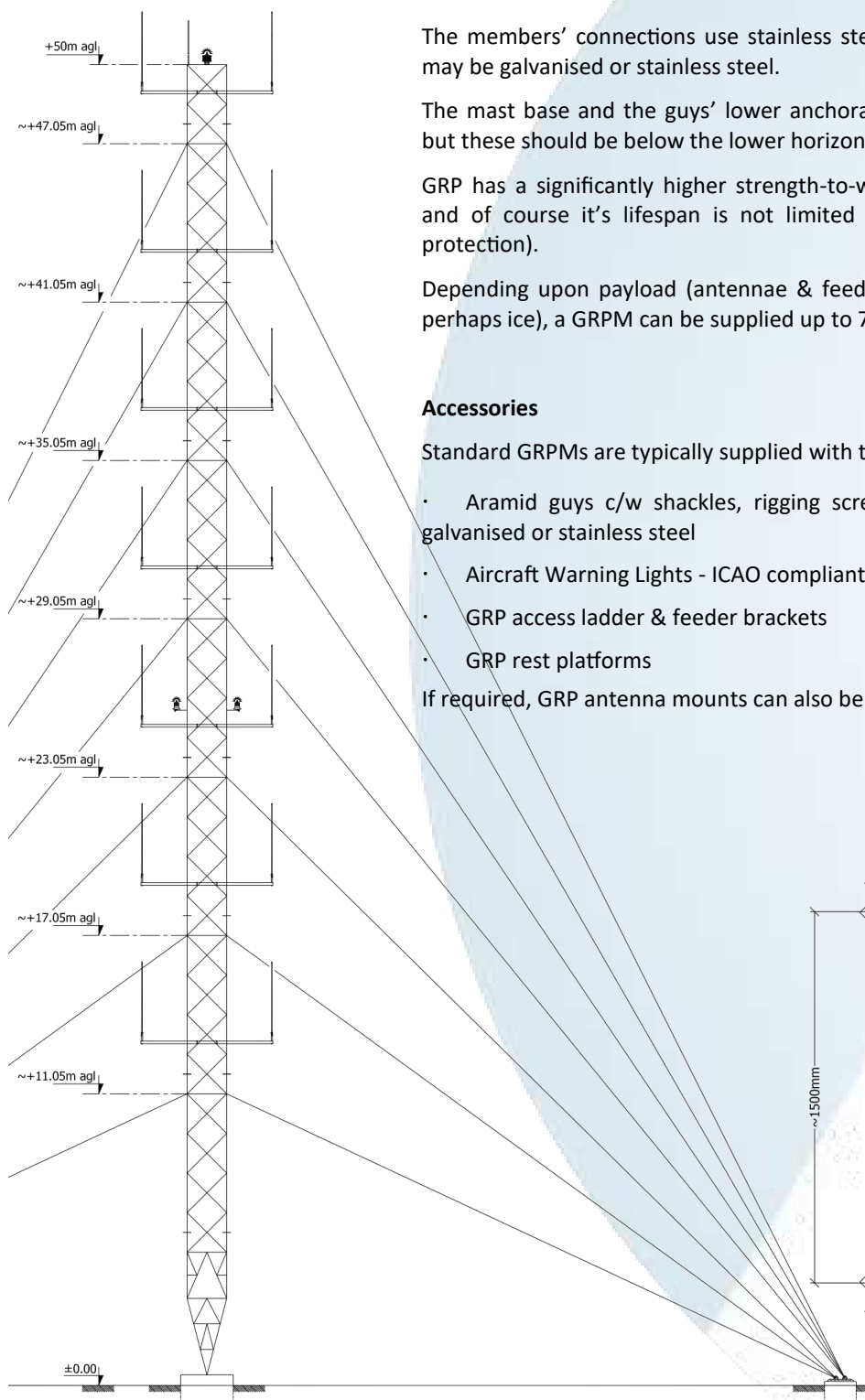


The GRPM is an innovative RF-translucent composite mast manufactured from pultruded GRP (Glass-Reinforced Plastic) structural members assembled as a traditional 3D lattice truss, 1500mm wide, and guyed with aramid ropes.

The composite materials are ideal for structure which operate in high RF environments, corrosive environments, and radar/scanner's field of view.



The members' connections use stainless steel bolts and the guys' upper anchorages may be galvanised or stainless steel.

The mast base and the guys' lower anchorages are also galvanised or stainless steel but these should be below the lower horizon of the adjacent transmitter.

GRP has a significantly higher strength-to-weight ratio than steel, does not corrode and of course it's lifespan is not limited by breakdown of galvanising (corrosion protection).

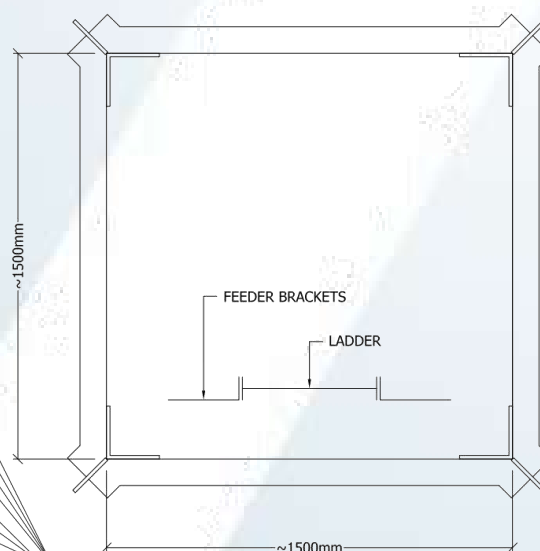
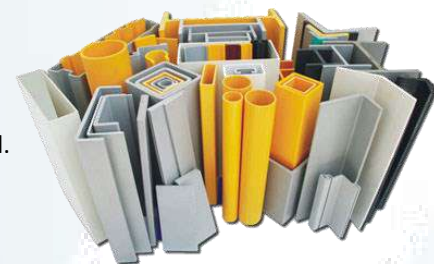
Depending upon payload (antennae & feeders) and environment (wind speeds, and perhaps ice), a GRPM can be supplied up to 70m tall.

### Accessories

Standard GRPMs are typically supplied with the following accessories :

- Aramid guys c/w shackles, rigging screws and, where required, link plates – galvanised or stainless steel
- Aircraft Warning Lights - ICAO compliant
- GRP access ladder & feeder brackets
- GRP rest platforms

If required, GRP antenna mounts can also be supplied.



TYPICAL PLAN VIEW AT GUY LEVELS



## JAGGARD

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