

we  
measure  
the wind



# Steel Tilt-Up Masts and Measurement Systems



Manufacture, Supply & Installation  
Mounting & Commissioning

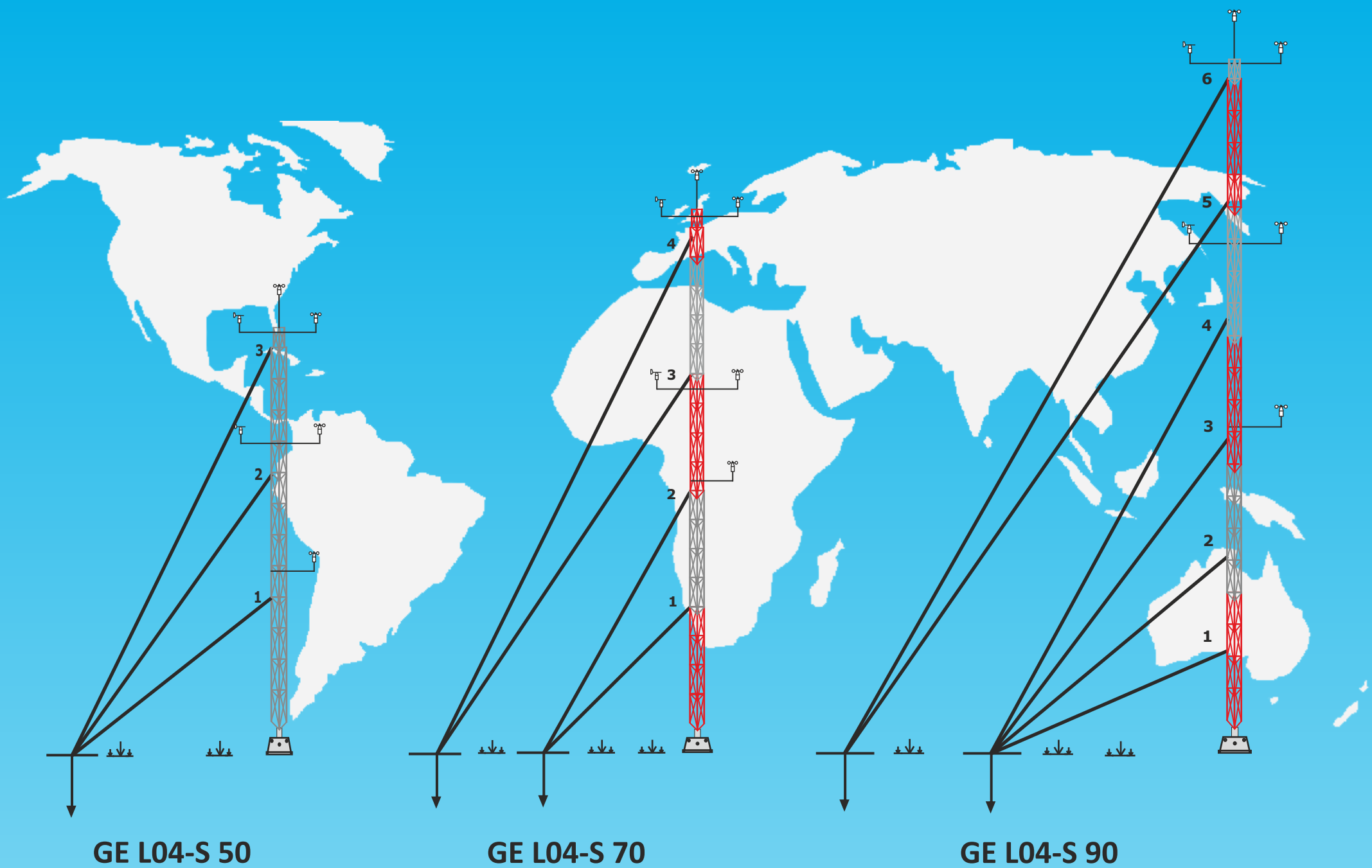
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| Main Tower                           |                   | GE L04-S 50 | GE L04-S 60 | GE L04-S 70 | GE L04-S 80 | GE L04-S 90 |
|--------------------------------------|-------------------|-------------|-------------|-------------|-------------|-------------|
| Height w/o top boom                  | m                 | 47.6        | 57.8        | 68.1        | 78.3        | 87.1        |
| Height with top boom                 | m                 | 51          | 60          | 71.5        | 80.5        | 90          |
| v <sub>max</sub>                     | m/s               | 52          | 52          | 52          | 45          | 40          |
| v <sub>max, Ice (3 cm)</sub>         | m/s               | 35          | 35          | 30          | 22          | 18          |
| Concrete Foundation                  | --                | no need     | no need     | no need     | usually not | usually not |
| Installation Team                    | pers.             | 2 - 3       | 2 - 3       | 3 - 4       | 4 - 6       | 4 - 6       |
| Duration of installation             | days              | 2           | 2           | 3           | 3 - 4       | 4 - 6       |
| Weight per element max.              | kg                | 52          | 52          | 52          | 52          | 52          |
| Total Weight                         | kg                | 1100        | 1350        | 1600        | 1800        | 2100        |
| Spec. Base Force (v <sub>max</sub> ) | kN/m <sup>2</sup> | 140         | 160         | 190         | 230         | 275         |
| Gin Pole                             |                   | GP50+       | GP50+       | GP70+       | GP70+       | GP90+       |
| Description                          |                   |             |             |             |             |             |
| Weight                               | kg                | 320         | 320         | 375         | 375         | 450         |
| Height                               | m                 | 16.2        | 16.2        | 19.2        | 19.2        | 22.1        |
| Winchload (max)                      | kN                | 24.6        | 34.8        | 46.7        | 54.9        | 62.8        |