

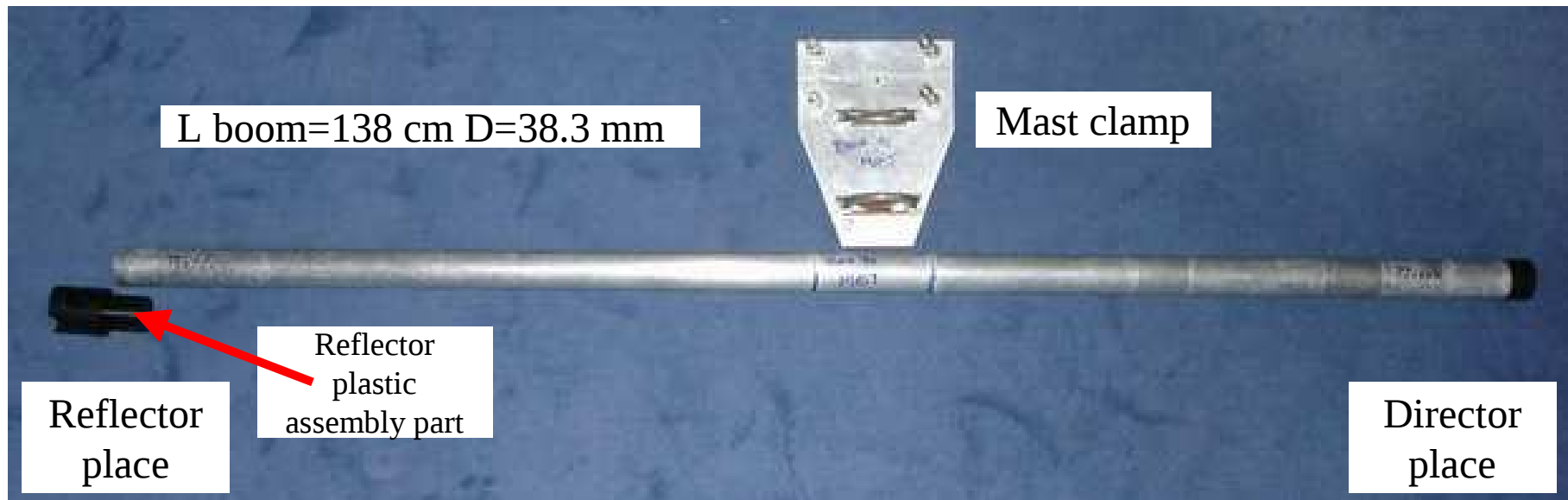
# TGM MQ-26

## Brief mounting description



**2 element 6/10/12/15/17/20 meter yagi**

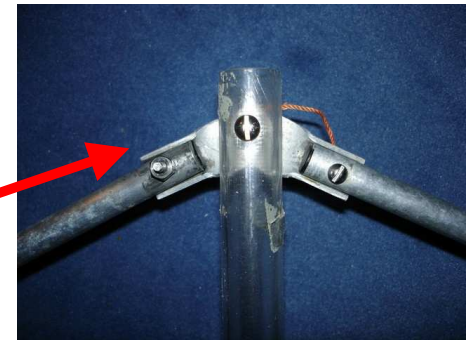
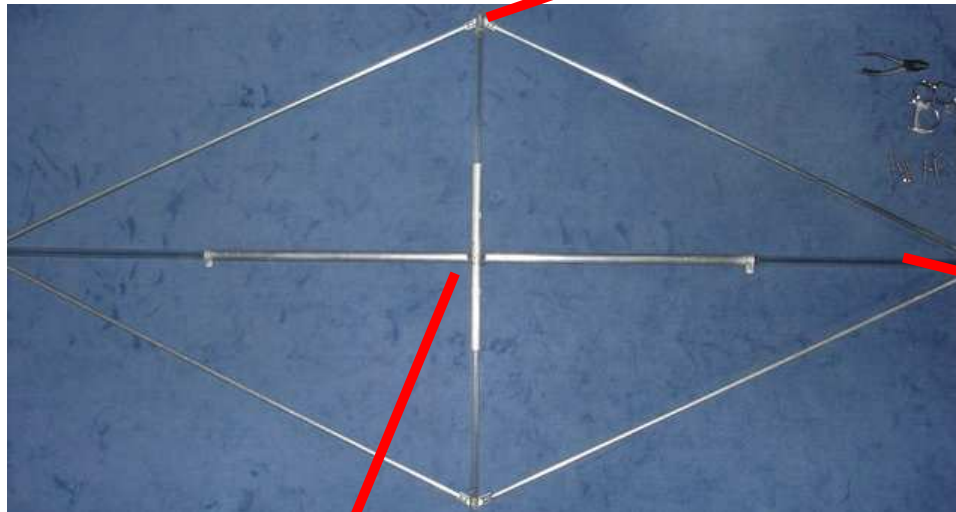
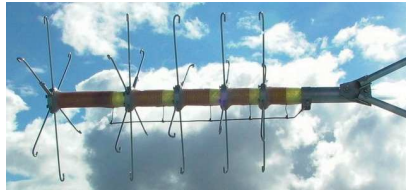
## TGM MQ-26 : one part boom



|         | Refl/dipole |
|---------|-------------|
| Entraxe | 140.5 cm    |

## TGM MQ-26 : reflector rear view

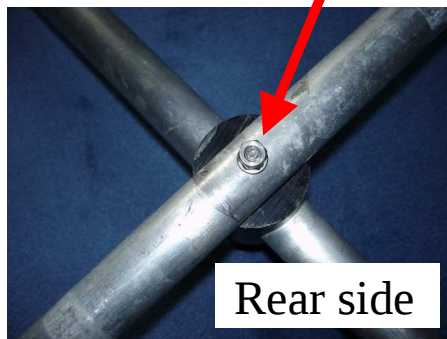
- Overall length = 266.7 cm without both insulated traps
- Isolated from boom with plexiglas hardware



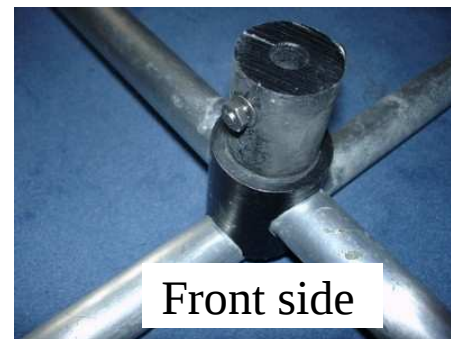
Traverses diagonales  
vissées à l'ARRIERE



Traverses diagonales  
vissées à l'AVANT

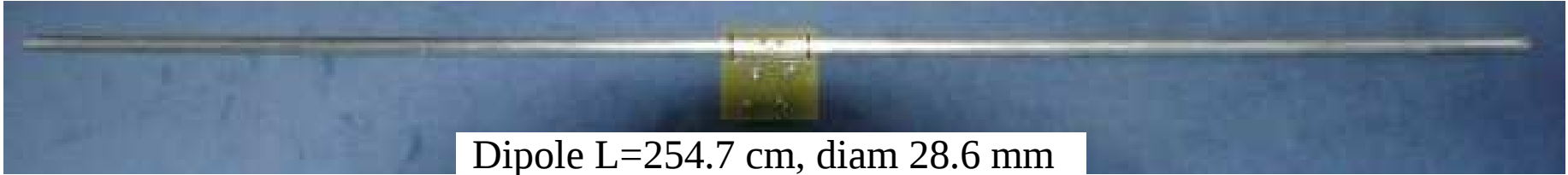


Rear side



Front side

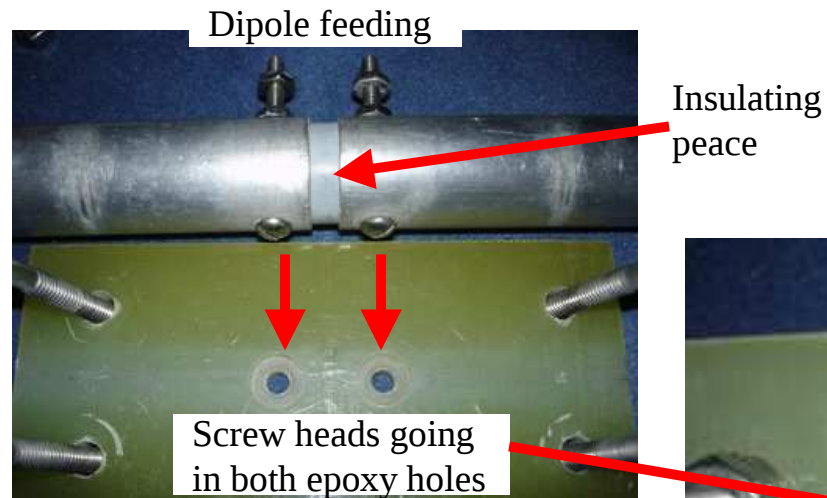
## TGM MQ-26 : dipole



Dipole L=254.7 cm, diam 28.6 mm

# TGM MQ-26 : dipole

## 1/ Dipole positioning



## 2/ Dipole fixing (top view)

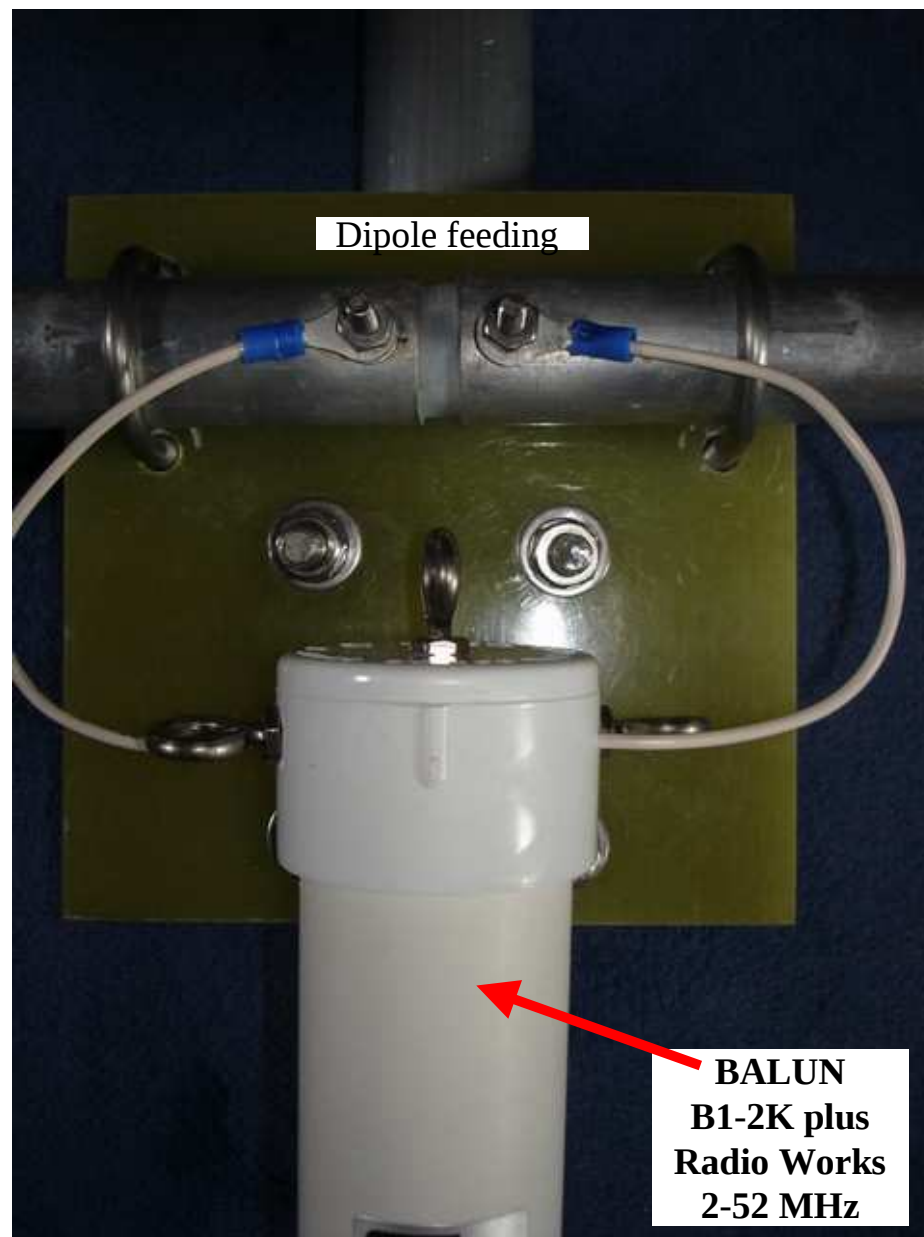


## 3/ Dipole fixing (bottom view)



## TGM MQ-26 : coax feeding

4/ Balun positioning (top view)



## Reflector half : 24 spokes dims for 1 trap assembly

Epoxy marked in red

| Dims feet | Dims cm | Number |
|-----------|---------|--------|
| 5 1/2     | 13.8 !! | 16     |
| 5         | 12.7    | 3      |
| adjust    | 16.7    | 2      |
| adjust    | 15.7    | 2      |
| adjust    | 12.2    | 1      |

## Dipole half : 24 spokes dims for 1 trap assembly

Epoxy marked in blue

| Dims feet | Dims cm | Number |
|-----------|---------|--------|
| 5 1/2     | 14      | 16     |
| 5         | 12.7    | 3      |
| adjust    | 14.1    | 1      |
| adjust    | 12.9    | 1      |
| adjust    | 12.2    | 1      |
| adjust    | 10.8    | 1      |
| adjust    | 9.9     | 1      |

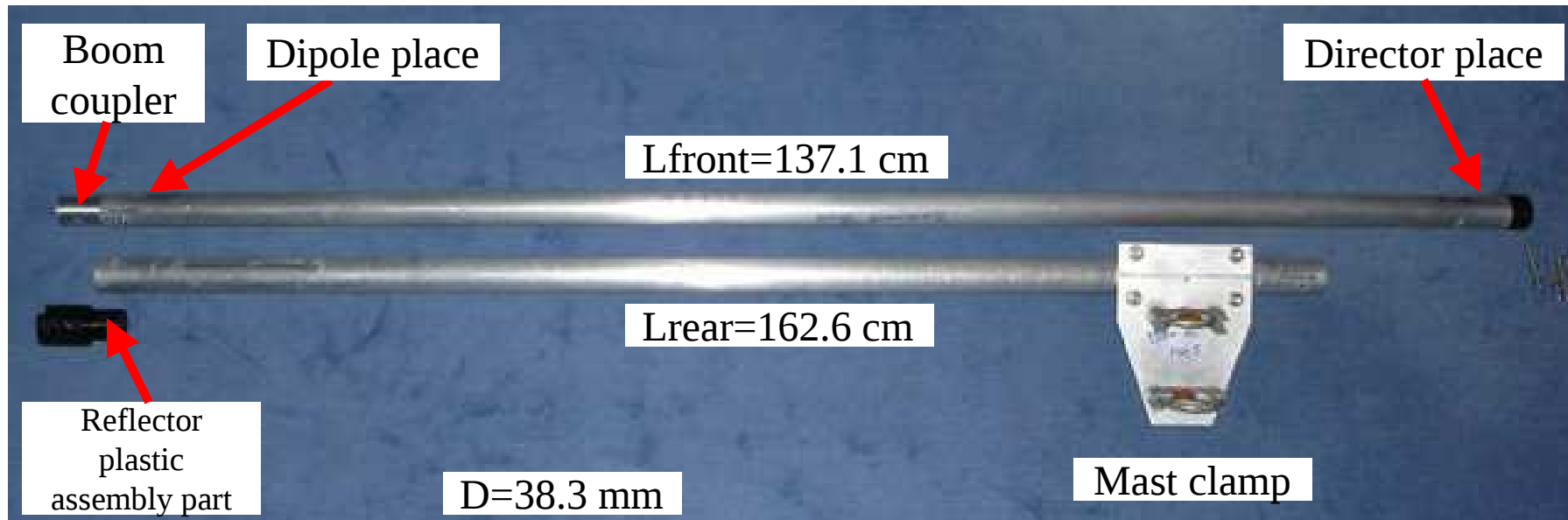
## Each element half : 24 spokes repartition

|            | Reflector (red) |           | Dipole (blue) |           |
|------------|-----------------|-----------|---------------|-----------|
| <b>10M</b> | 5 ½ qty 3       | 4 ¾ qty 1 | 5 ½ qty 3     | 4 ¼ qty 1 |
| <b>12M</b> | 5 ½ qty 3       | 5 ¾ qty 1 | 5 ½ qty 3     | 5 ¼ qty 1 |
| <b>15M</b> | 5 ½ qty 3       | 6 ¼ qty 1 | 5 ½ qty 3     | 5 qty 1   |
| <b>17M</b> | 5 ½ qty 5       | 6 ¼ qty 1 | 4 ¾ qty 5     | 6 ¼ qty 1 |
| <b>20M</b> | 5 ½ qty 5       | 6 qty 1   | 5 ½ qty 6     | 0         |

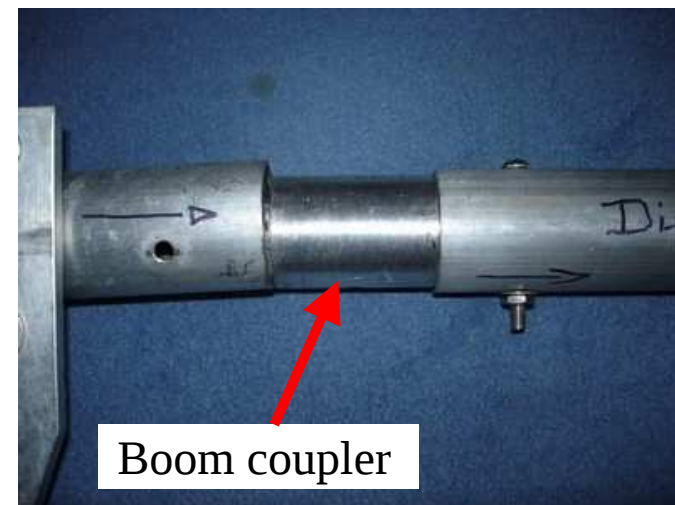
# TGM MQ-36

**3 element 6/10/12/15/17/20 meter yagi**

## TGM MQ-36 : 2 parts boom

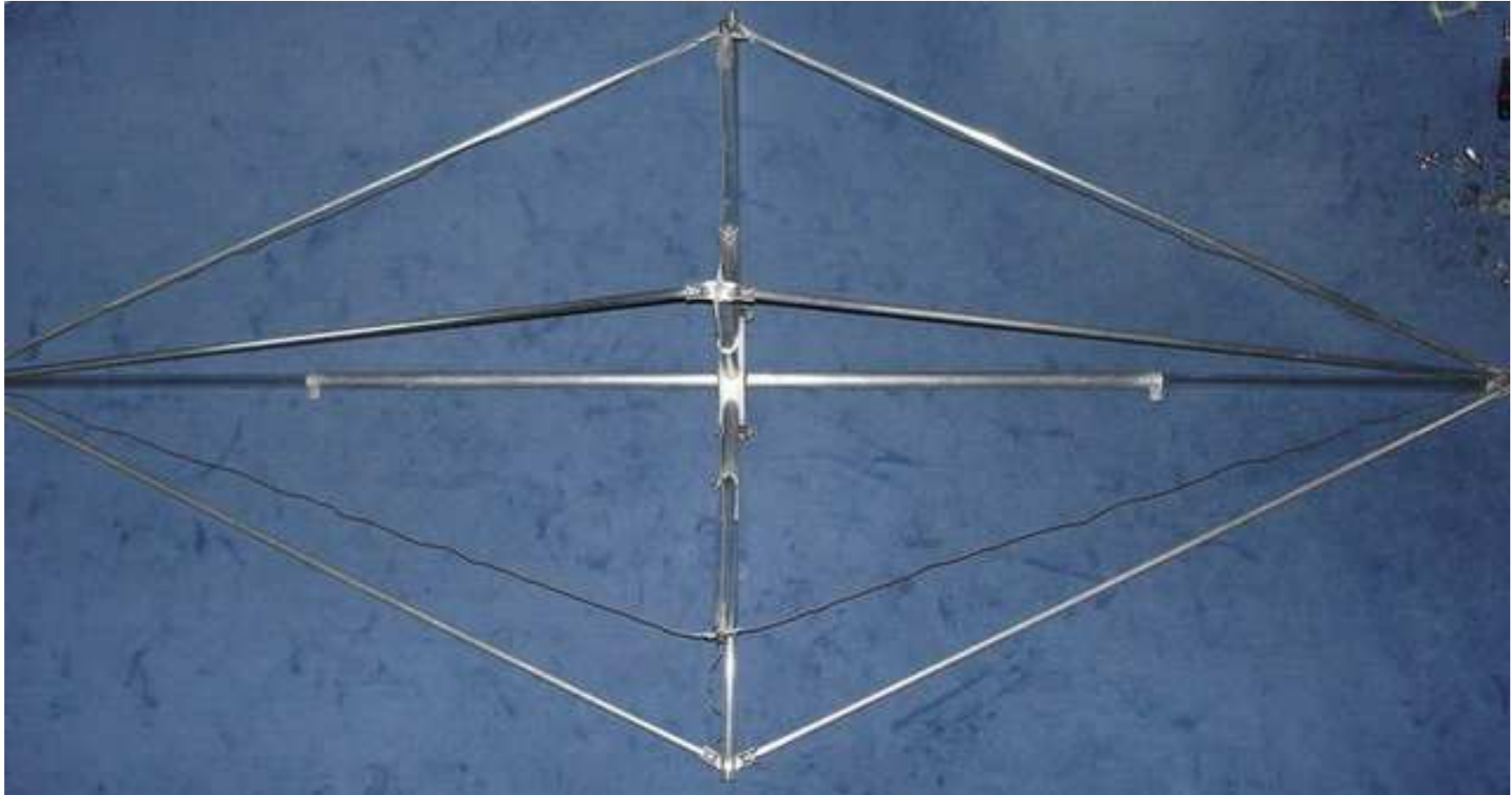


|         | Refl/dipole | Dipole/dir |
|---------|-------------|------------|
| Entraxe | 141.6 cm    | 161.3 cm   |

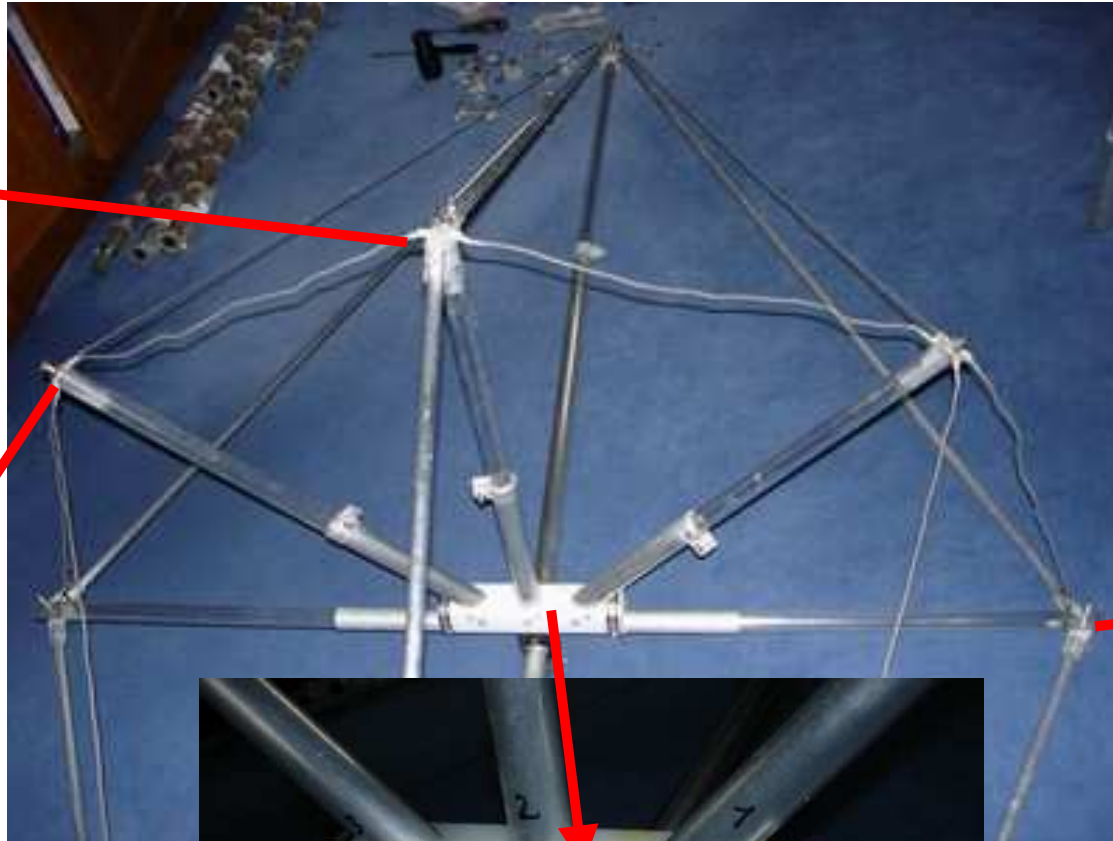
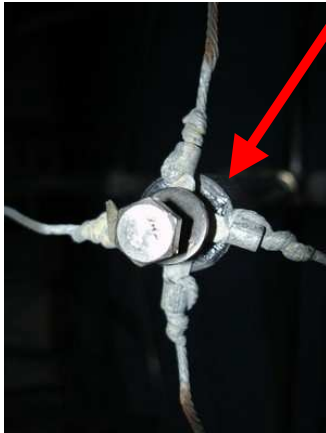


## TGM MQ-36 : reflector rear view

Whole rear view assembly

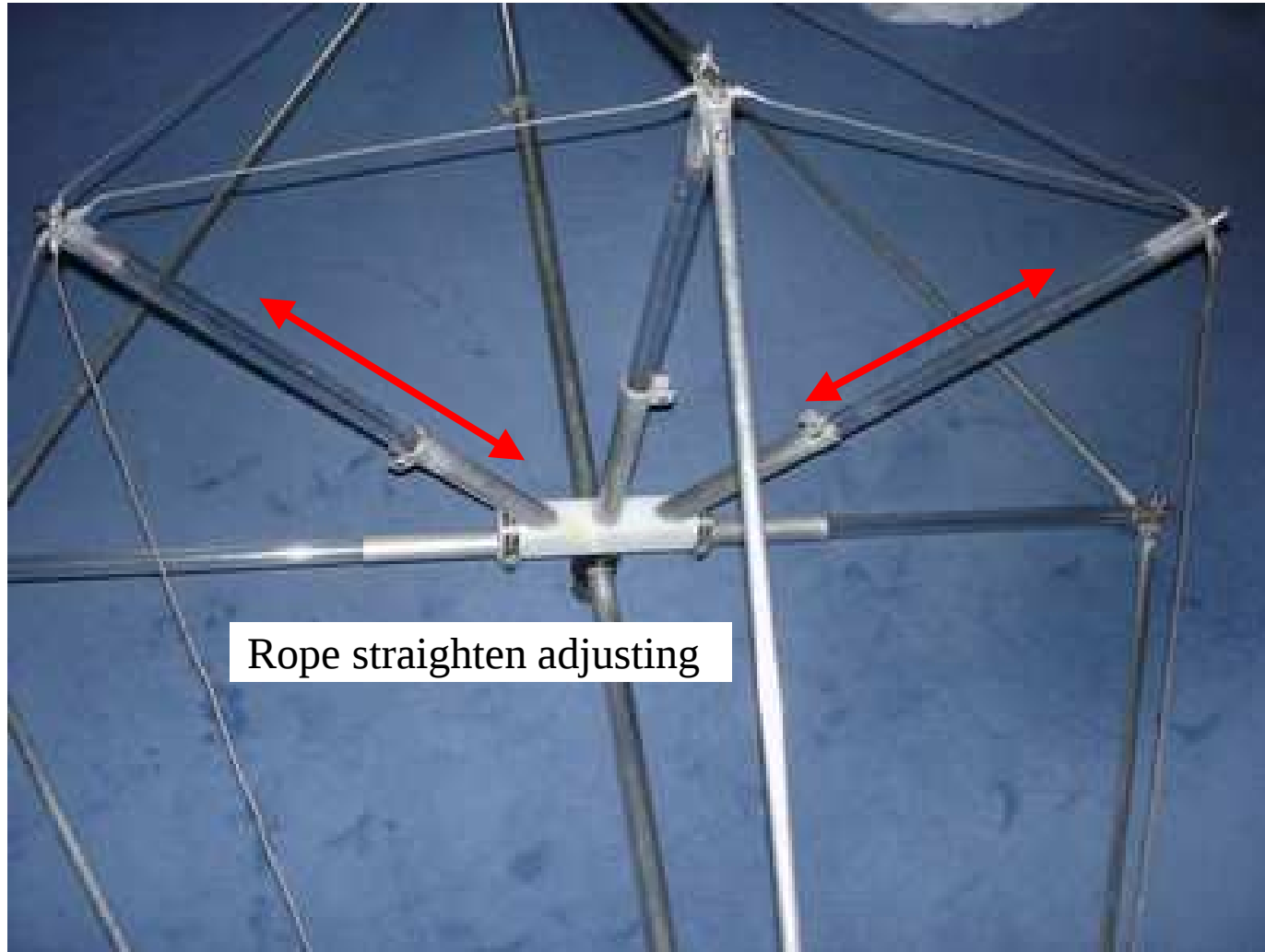


## TGM MQ-36 : reflector

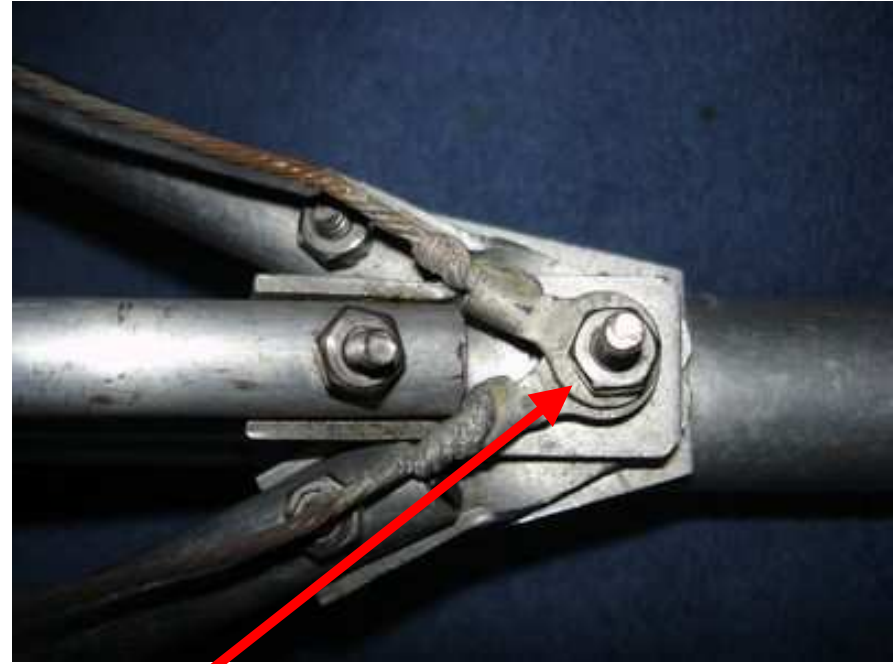


Traverses diagonales  
vissées à l'ARRIERE

## TGM MQ-36 : reflector

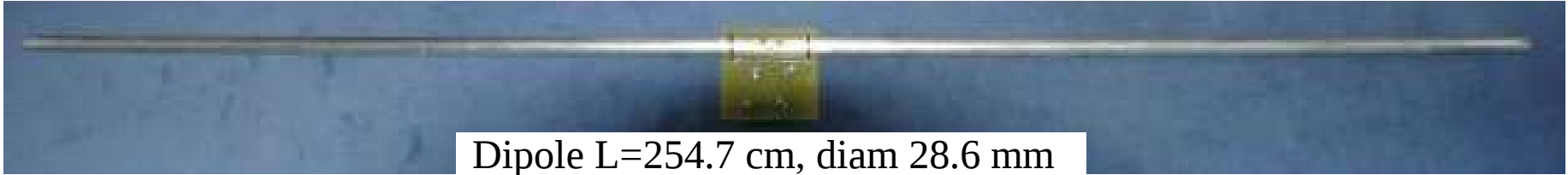


## TGM MQ-36 : reflector



**THIS way is the best !**

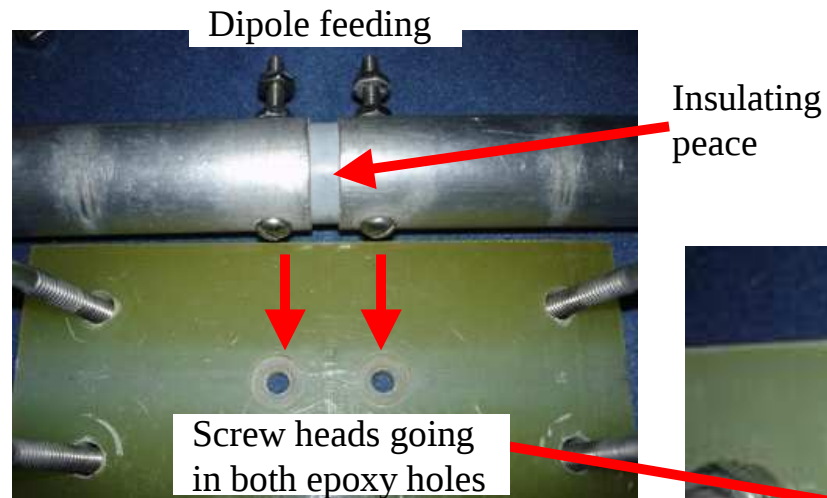
## TGM MQ-36 : dipole



Dipole L=254.7 cm, diam 28.6 mm

# TGM MQ-36 : dipole

## 1/ Dipole positioning



## 2/ Dipole fixing (top view)

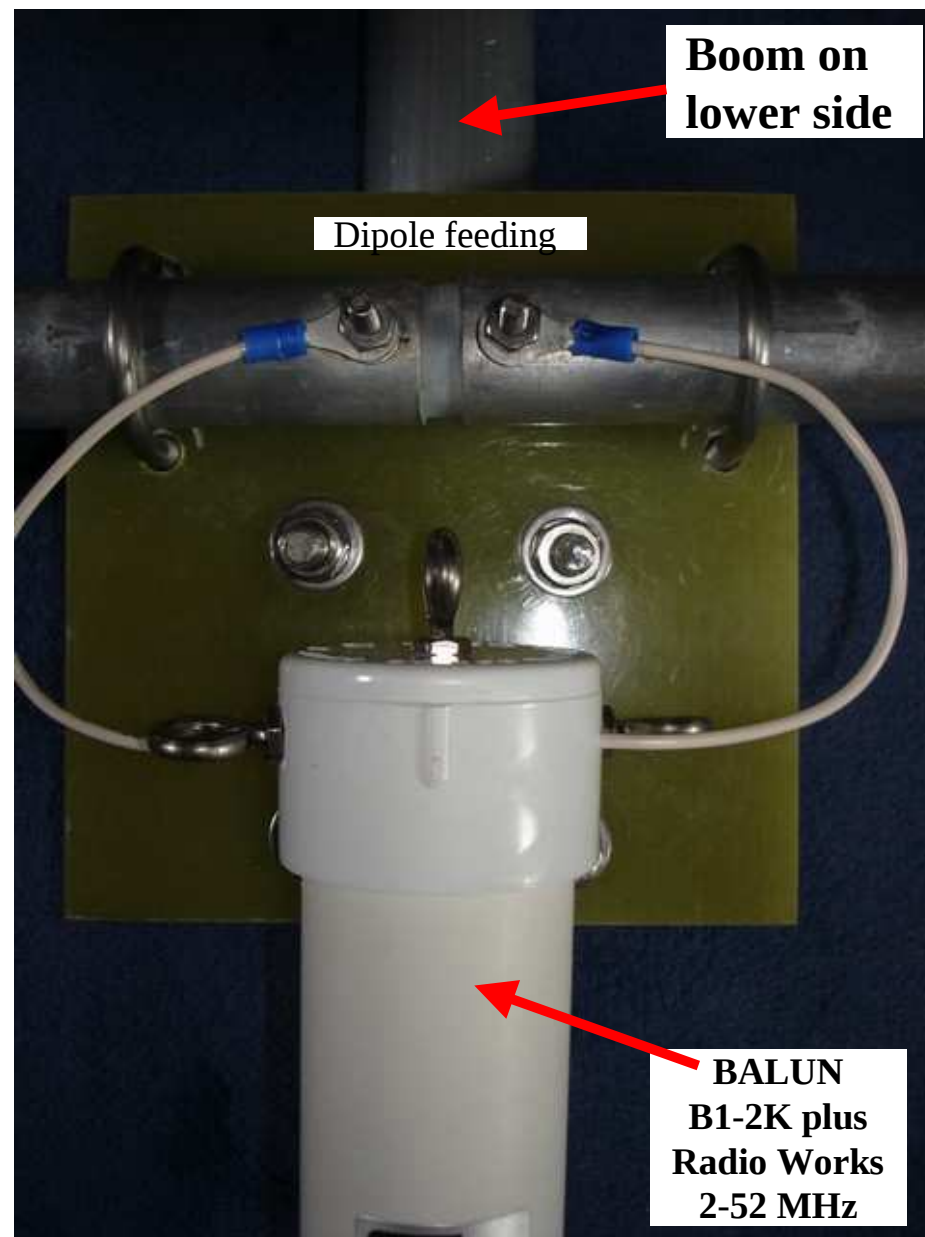


## 3/ Dipole fixing (bottom view)



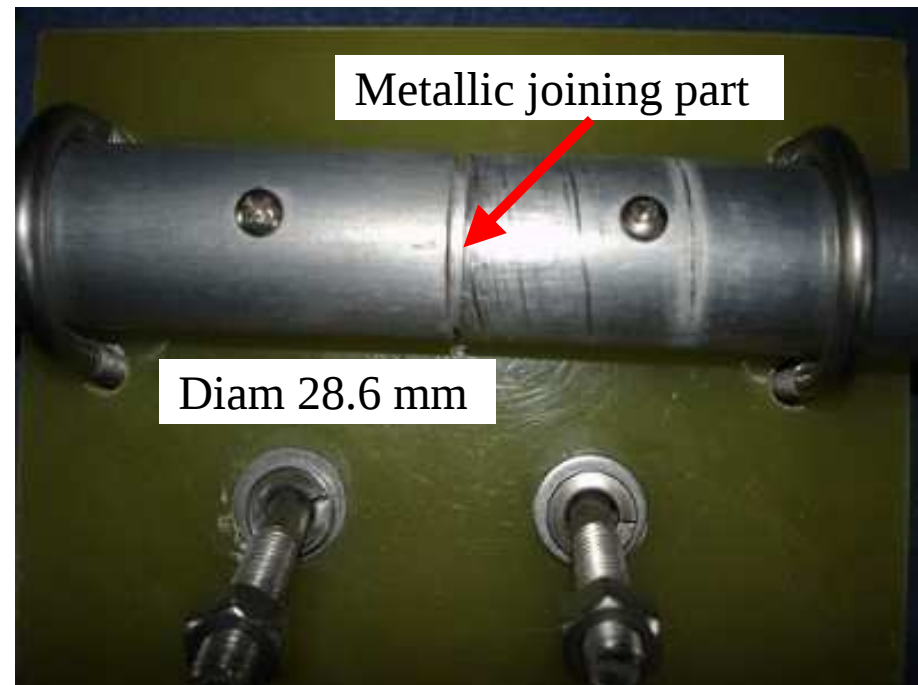
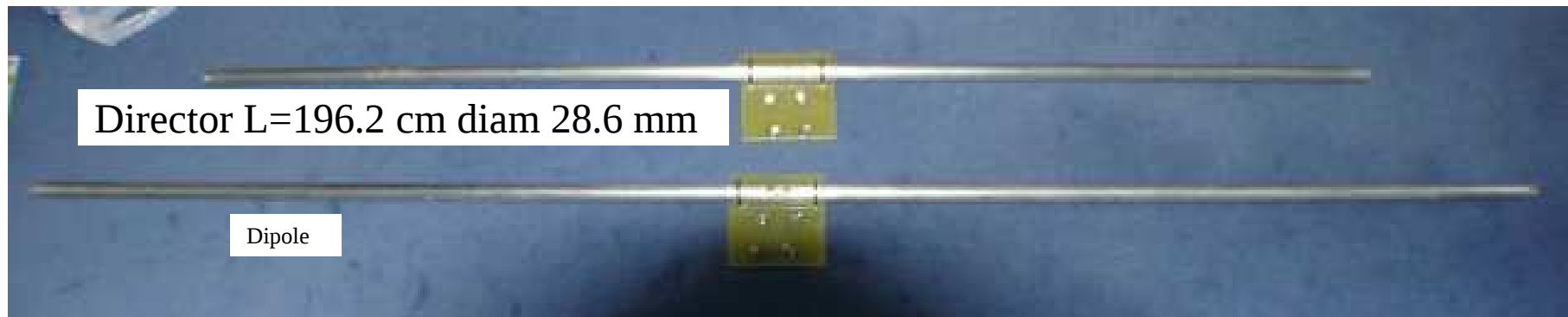
## TGM MQ-36 : coax feeding

4/ Balun positioning (top view)



## TGM MQ-36 : director

- Overall length = 196.2 cm without both insulated traps
- Isolated from boom



## Trap coils spokes : dimensions table feet / mm

|           | <b>Dims feet</b> | <b>Dims cm</b>   |
|-----------|------------------|------------------|
| Que MQ-36 | <b>4</b>         | <b>10.16</b>     |
|           | <b>4 1/4</b>     | <b>10.8</b>      |
| Que MQ-36 | <b>4 5/8</b>     | <b>11.75</b>     |
|           | <b>4 3/4</b>     | <b>12.07</b>     |
|           | <b>5</b>         | <b>12.7</b>      |
|           | <b>5 1/4</b>     | <b>13.34</b>     |
| Que MQ-36 | <b>5 1/2</b>     | <b>14 (13.8)</b> |
|           | <b>5 3/4</b>     | <b>14.61</b>     |
|           | <b>6</b>         | <b>15.24</b>     |
|           | <b>6 1/4</b>     | <b>15.88</b>     |
| Que MQ-36 | <b>6 3/4</b>     | <b>17.15</b>     |

## Reflector half : 24 spokes dims for 1 trap assembly

Epoxy marked in red

| Dims feet | Dims cm | Number |
|-----------|---------|--------|
| 5 1/2     | 13.8 !! | 16     |
| 5         | 12.7    | 3      |
| adjust    | 16.7    | 2      |
| adjust    | 15.7    | 2      |
| adjust    | 12.2    | 1      |

## Dipole half : 24 spokes dims for 1 trap assembly

Epoxy marked in blue

| Dims feet | Dims cm | Number |
|-----------|---------|--------|
| 5 1/2     | 14      | 16     |
| 5         | 12.7    | 3      |
| adjust    | 14.1    | 1      |
| adjust    | 12.9    | 1      |
| adjust    | 12.2    | 1      |
| adjust    | 10.8    | 1      |
| adjust    | 9.9     | 1      |

## Director half : 24 spokes dims for 1 trap assembly

Epoxy marked in black

| Dims feet | Dims cm | Number |
|-----------|---------|--------|
|           | 14.3    | 1      |
| 5 1/2     | 14      | 15     |
|           | 13.2    | 1      |
|           | 13      | 2      |
| adjust    | 14      | 1      |
| adjust    | 12.6    | 1      |
| adjust    | 11.5    | 1      |
| adjust    | 10.8    | 1      |
| adjust    | 10.1    | 1      |

## Each element half : 24 spokes repartition

|            | Reflector (red) |     | Dipole (blue) |     | Director (black) |     |
|------------|-----------------|-----|---------------|-----|------------------|-----|
| <b>10M</b> | 5 ½ qty 3       | 6 ¾ | 5 ½ qty 3     | 4   | 5 ½ qty 3        | 4   |
| <b>12M</b> | 5 ½ qty 3       | 4 ¾ | 5 ½ qty 3     | 4 ¼ | 5 ½ qty 3        | 4 ¼ |
| <b>15M</b> | 5 ½ qty 3       | 6 ¾ | 5 ½ qty 3     | 5   | 5 ½ qty 3        | 5   |
| <b>17M</b> | 5 ½ qty 5       | 6 ¼ | 5 ½ qty 5     | 4 ⅝ | 5 ½ qty 5        | 4 ⅝ |
| <b>20M</b> | 5 ½ qty 5       | 6 ¼ | 5 ½ qty 5     | 5 ½ | 5 ½ qty 6        |     |