



# Source signature modelling

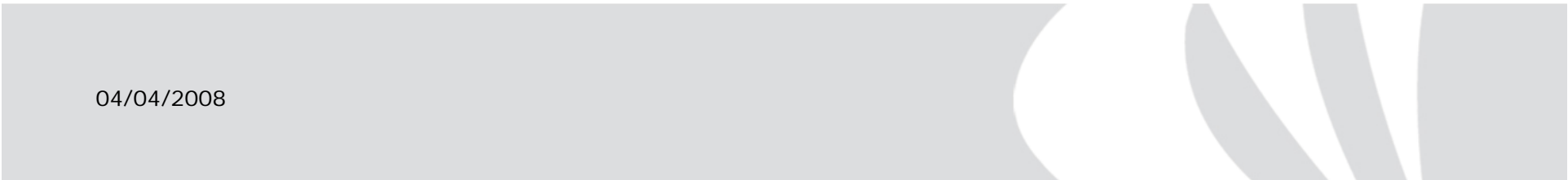
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Pacific Titan  
3040 c.inch

J. Pandya

04/04/2008



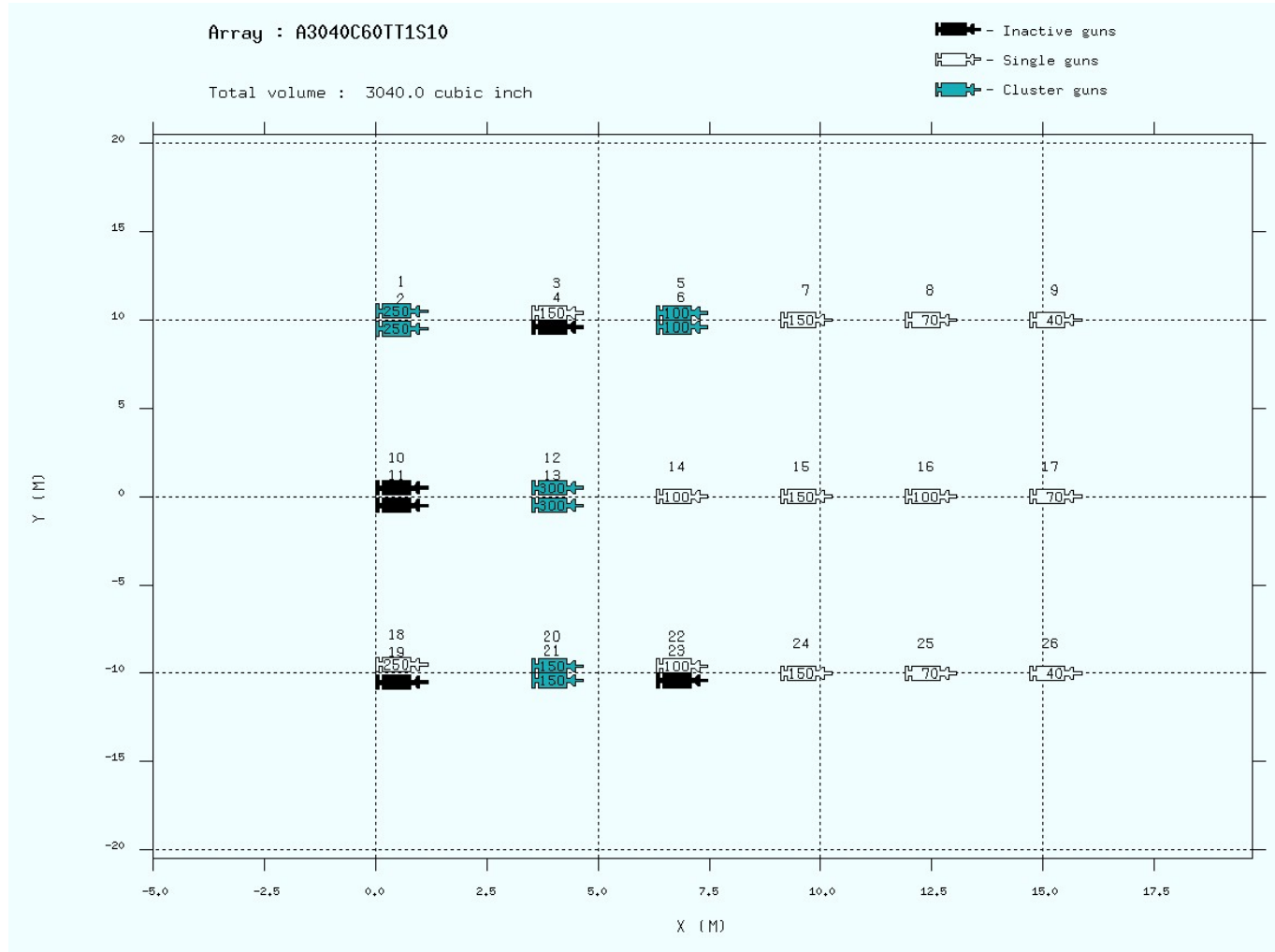


# Pacific Titan – Array Layout 3040

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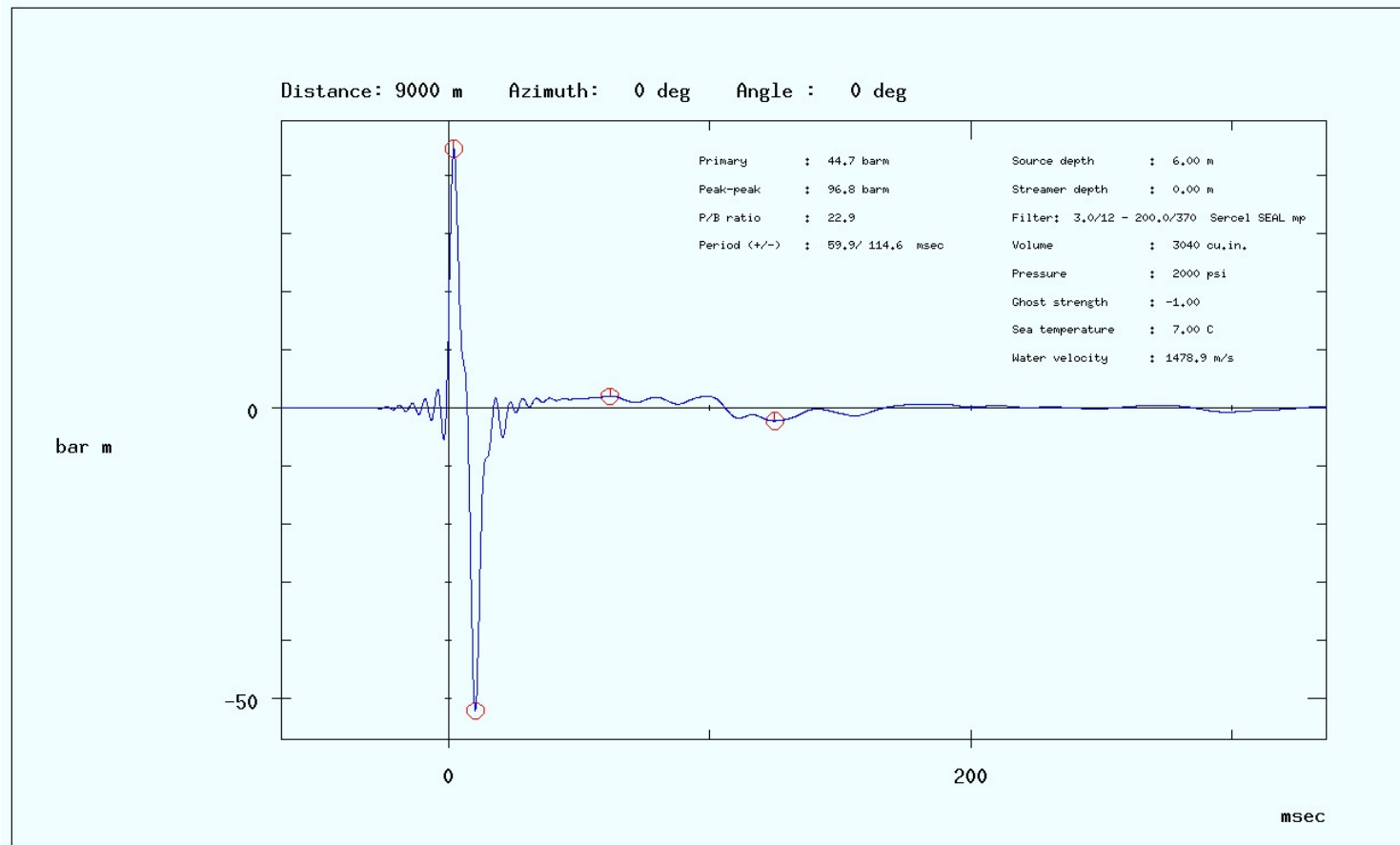
- **3040 cubic-inch Tuned Bolt Airgun Array**
- Number of Gun Strings 3
- Total Number of Guns 26
- Active Guns 21
- Spare Guns 5
- Standard Length (m) 15.00
- Standard Width (m) 10.00
- **6.0 m** Peak-Peak (bar-m) @ 7°C 96.8
- Primary/Bubble @ 7°C 22.9

# Pacific Titan – Array Layout 3040



# Pacific Titan – 3040cinch @ 6m depth Signature

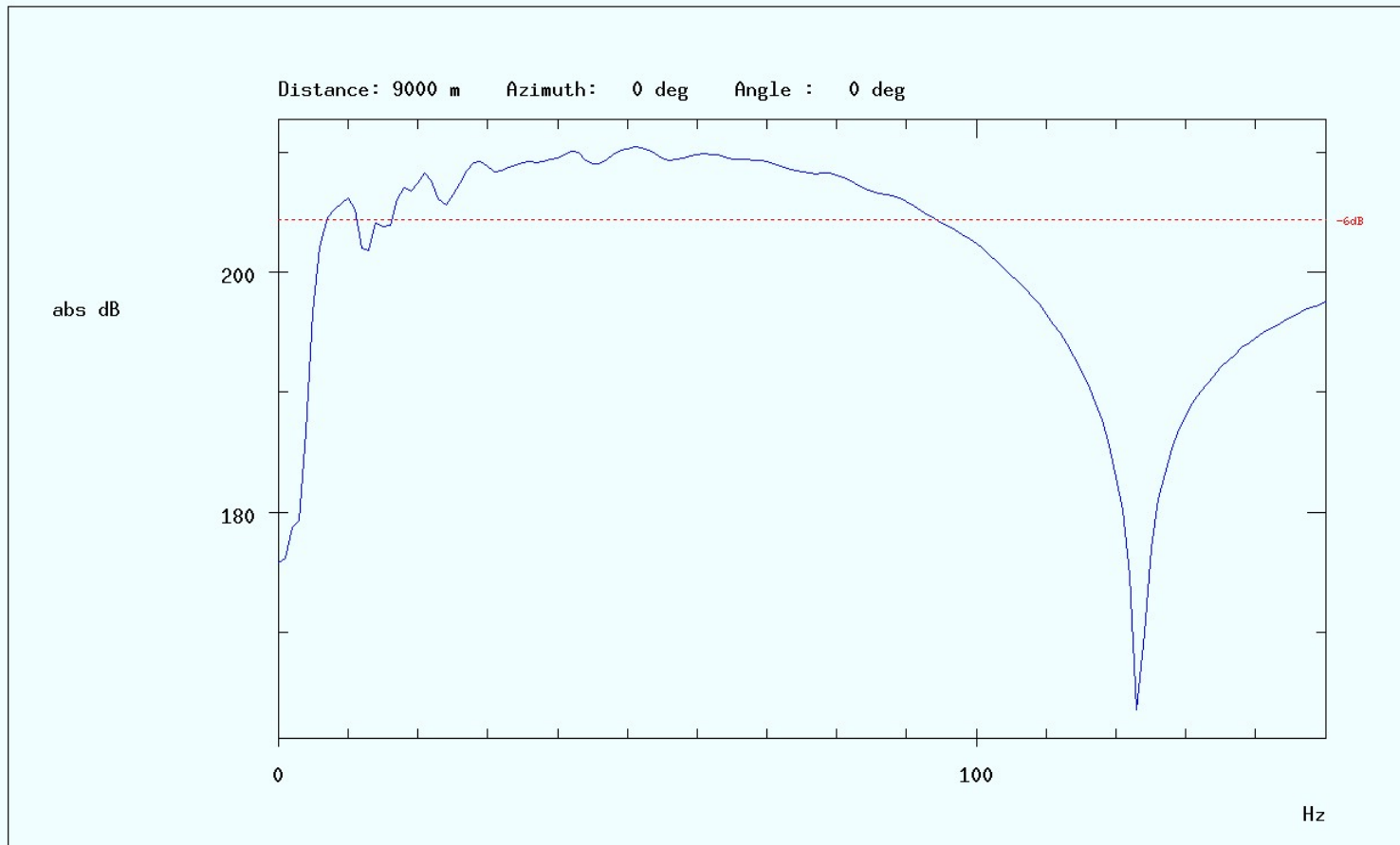
Far-field signature of array : A3040C60TT1S10



# Pacific Titan – 3040cinch @ 6m depth

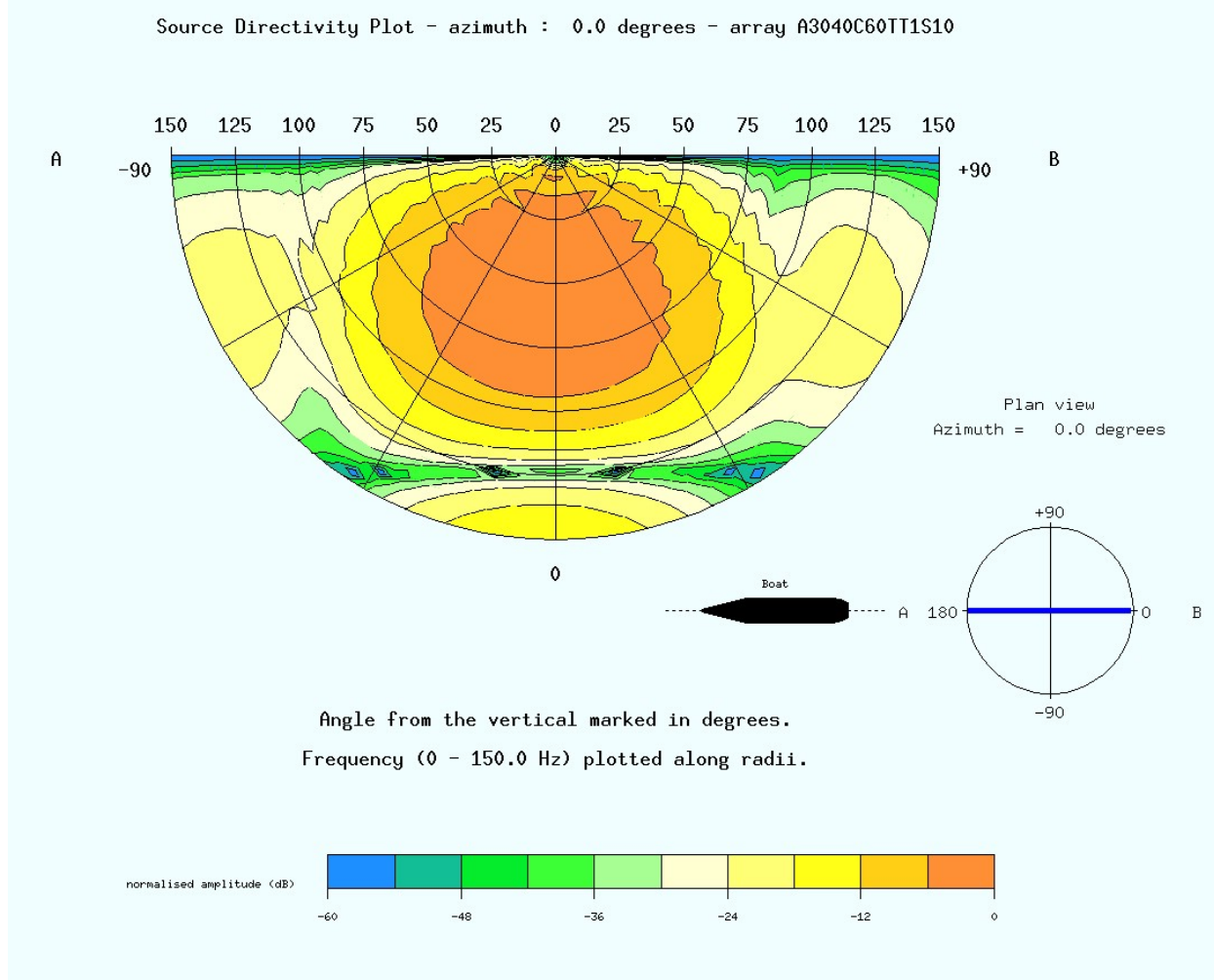
## Absolute spectrum

Amplitude spectrum of far-field signature of array : A3040C60TT1S10



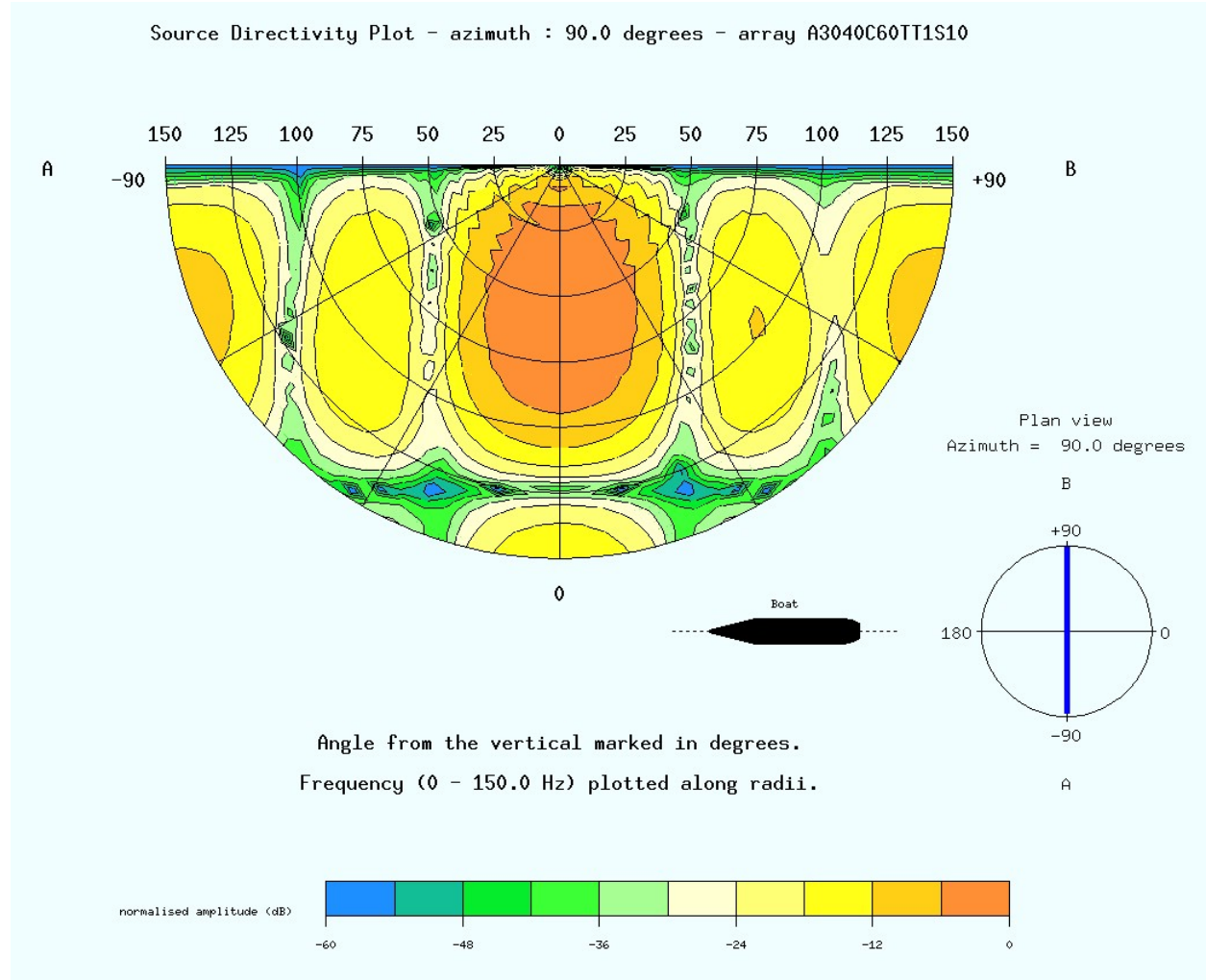
# Pacific Titan – 3040cinch @ 6m depth

Source Directivity – Constant Azimuth 0°



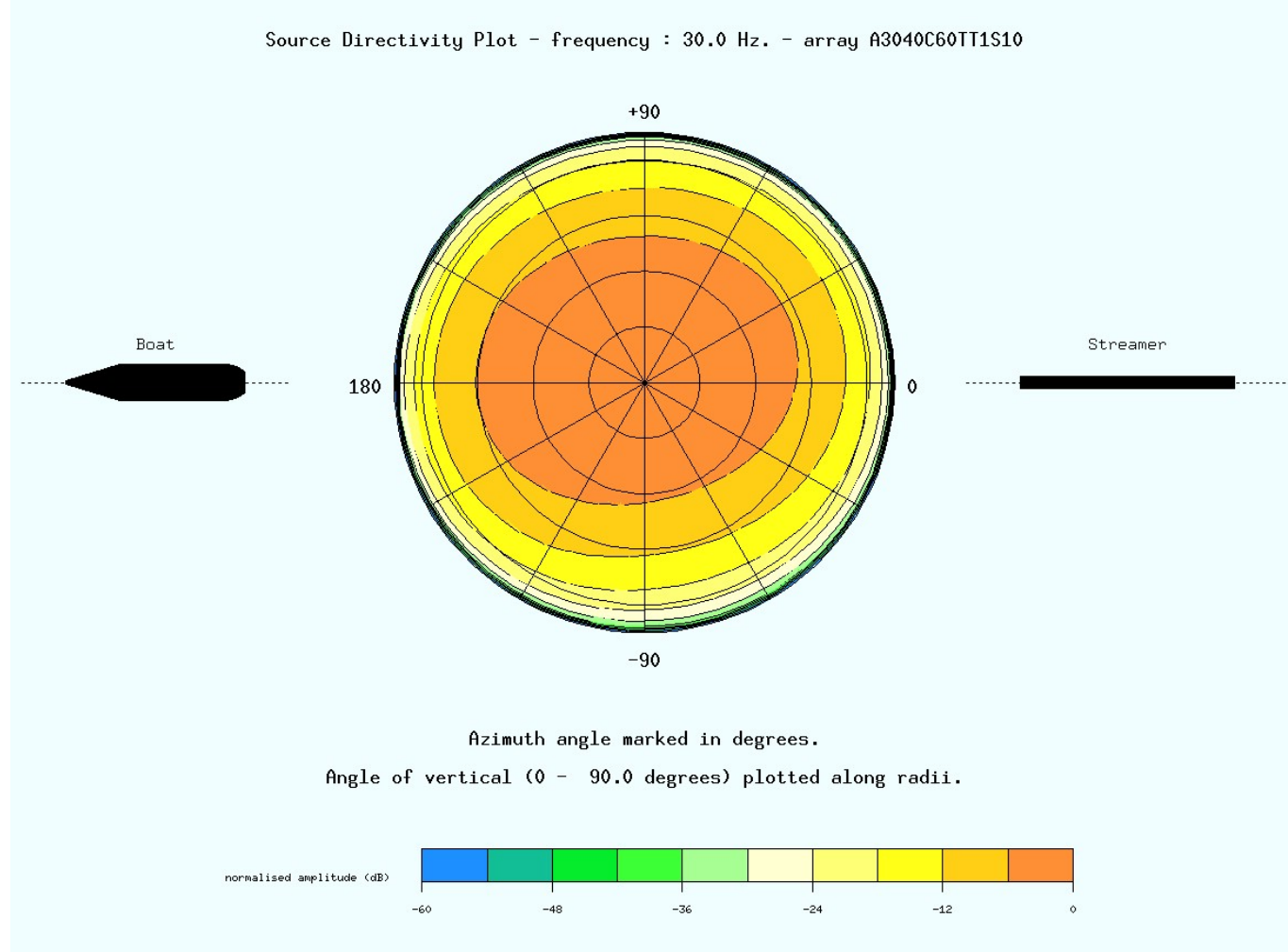
# Pacific Titan – 3040cinch @ 6m depth

## Source Directivity – Constant Azimuth 90°



# Array directivity – 3040cinch

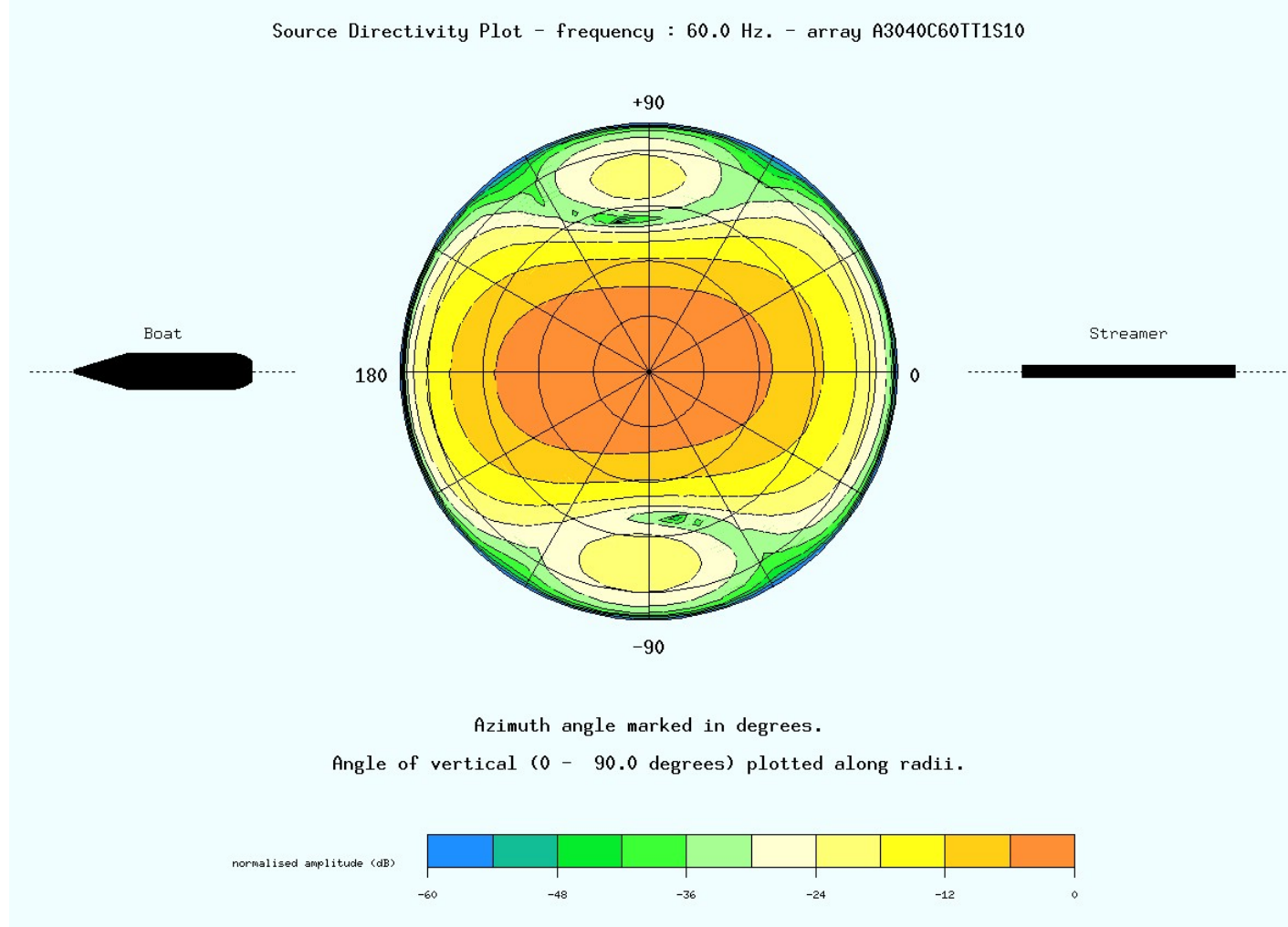
Constant frequency polar plot – Frequency = 30Hz





# Array directivity – 3040cinch

Constant frequency polar plot – Frequency = 60Hz



# Array directivity – 3040cinch

Constant frequency polar plot – Frequency = 90Hz

