

New Lab 2 Probe Designations

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This memo documents the numbering scheme for the new Morgan Coil probes and Tangential probes being built for Lab 2 at the present time.

| Probe Type | Probe Designation |
|------------------------|-------------------|
| 50 cm Morgan Coil | #12 |
| 25 cm Morgan Coil | #13 |
| 25 cm Tangential Probe | #14 |
| 10 cm Tangential Probe | #15 |

The Morgan coils have windings for b0 - b5 and a0 - a5. The Tangential probes each have two tangential windings, a "belly band" dipole winding, and two other dipole windings for fine tuning the bucking.

In all cases, the lengths refer to the nominal active length of the outermost windings, which is chosen to be the dipole winding in the case of the Morgan Coil probes, and the "Dipole 1" winding in the case of the Tangential Probes.