Summary of Magnetic Shielding Order

September 2014

1. **Outer Shield**

**SK1996 Order**

1. ALTERATION
2. One new hole, R42.00mm, punched into *Lower Front Half*

Detailed in *“SK1996 Update 1 Lower Front Half”* pdf

1. One new hole, R42.00mm, punched into *Lower Back Half*

Detailed in *“SK1996 Update 2 Lower Back Half”* pdf

1. SCRAP

Current “*Upper Front Half*” and “*Upper Back Half*” to be returned to Magnetic Shields for scrap

1. NEW
2. Replacement upper section detailed in “*SK1996 Replacement Upper Section*”. Require two of this design which fit together with the current joining band (which will also be returned to Magnetic Shields)

NOTES: Screw holes and nuts have not been drawn into the pdf files for simplicity.

1. **Middle Shield**
2. SCRAP
3. Four vertical sections of Ad-Mu80 (made by Advanced Magnetic Inc.) to be returned for scrap.
4. NEW
5. Design split into four sections, upper and lower, front and back- similar to outer shield.

Design summarised in *“Middle Shield 2014 Replacement”* pdf.

NOTES: Screw holes, nuts and joining band not shown in pdf drawings

Need to design a top and bottom cap for this shield, to be discussed

1. **Inner Shield**
2. ALTERATION
3. One hole enlarged from R10.00mm to R20.00mm
4. One hole enlarged from R20.00mm to R22.50mm

Details in *“Inner Shield 2014 Updates”* pdf

NOTES: Part (ii) not originally discussed

1. **Probe Shield**
2. NEW
3. Design summarised in “*Probe Region Shield*” pdf