**Don’t look at the error and position readings as there was a flaw in the position calculation which was corrected later**

:::::::THE READINGS OF SENSORS ARE :::::::::

147 011 011 012 016 152 075 094

THE COMPENSATED READINGS ARE ::::::::::: TEST MODE :::::::

000 001 001 002 007 169 081 097

Position is (inc from sen 0 to 7) :: 00584

Error is (1536 - position) :: 00952

PRESS ANY KEY::

::::::::THE READINGS OF SENSORS ARE :::::::::

147 011 011 011 011 013 093 174

THE COMPENSATED READINGS ARE ::::::::::: TEST MODE :::::::

000 001 001 001 001 003 104 190

Position is (inc from sen 0 to 7) :: 00325

Error is (1536 - position) :: 01211

PRESS ANY KEY::

::::::::THE READINGS OF SENSORS ARE :::::::::

151 011 011 011 011 013 059 157

THE COMPENSATED READINGS ARE ::::::::::: TEST MODE :::::::

000 001 001 001 001 003 061 170

Position is (inc from sen 0 to 7) :: 00345

Error is (1536 - position) :: 01191

PRESS ANY KEY::

::::::::THE READINGS OF SENSORS ARE :::::::::

151 012 011 011 011 011 013 042

THE COMPENSATED READINGS ARE ::::::::::: TEST MODE :::::::

000 002 001 001 001 001 003 036

Position is (inc from sen 0 to 7) :: 00513

Error is (1536 - position) :: 01023

PRESS ANY KEY::

::::::::THE READINGS OF SENSORS ARE :::::::::

154 012 012 012 011 013 027 152

THE COMPENSATED READINGS ARE ::::::::::: TEST MODE :::::::

000 002 002 002 001 003 021 164

Position is (inc from sen 0 to 7) :: 00351

Error is (1536 - position) :: 01185

PRESS ANY KEY::

::::::::THE READINGS OF SENSORS ARE :::::::::

155 012 012 012 012 014 116 201

THE COMPENSATED READINGS ARE ::::::::::: TEST MODE :::::::

000 002 002 002 002 004 133 222

Position is (inc from sen 0 to 7) :: 00294

Error is (1536 - position) :: 01242

PRESS ANY KEY::

::::::::THE READINGS OF SENSORS ARE :::::::::

151 011 011 011 011 013 125 190

THE COMPENSATED READINGS ARE ::::::::::: TEST MODE :::::::

000 001 001 001 001 003 144 209

Position is (inc from sen 0 to 7) :: 00306

Error is (1536 - position) :: 01230

PRESS ANY KEY::

::::::::THE READINGS OF SENSORS ARE :::::::::

152 012 012 011 011 013 041 166

THE COMPENSATED READINGS ARE ::::::::::: TEST MODE :::::::

000 002 002 001 001 003 038 181

Position is (inc from sen 0 to 7) :: 00334

Error is (1536 - position) :: 01202

PRESS ANY KEY::

::::::::THE READINGS OF SENSORS ARE :::::::::

151 012 011 011 011 013 083 174

THE COMPENSATED READINGS ARE ::::::::::: TEST MODE :::::::

000 002 001 001 001 003 091 190

Position is (inc from sen 0 to 7) :: 00325

Error is (1536 - position) :: 01211

PRESS ANY KEY::

::::::::THE READINGS OF SENSORS ARE :::::::::

150 011 011 011 011 013 032 150

THE COMPENSATED READINGS ARE ::::::::::: TEST MODE :::::::

000 001 001 001 001 003 027 162

Position is (inc from sen 0 to 7) :: 00353

Error is (1536 - position) :: 01183

PRESS ANY KEY::

::::::::THE READINGS OF SENSORS ARE :::::::::

151 012 011 011 011 013 130 186

THE COMPENSATED READINGS ARE ::::::::::: TEST MODE :::::::

000 002 001 001 001 003 150 204

Position is (inc from sen 0 to 7) :: 00311

Error is (1536 - position) :: 01225

PRESS ANY KEY::

::::::::THE READINGS OF SENSORS ARE :::::::::

153 011 011 011 011 015 100 173

THE COMPENSATED READINGS ARE ::::::::::: TEST MODE :::::::

000 001 001 001 001 005 112 189

Position is (inc from sen 0 to 7) :: 00328

Error is (1536 - position) :: 01208

PRESS ANY KEY::

::::::::THE READINGS OF SENSORS ARE :::::::::

152 011 011 012 011 019 077 182

THE COMPENSATED READINGS ARE ::::::::::: TEST MODE :::::::

000 001 001 002 001 010 084 199

Position is (inc from sen 0 to 7) :: 00323

Error is (1536 - position) :: 01213

PRESS ANY KEY::

::::::::THE READINGS OF SENSORS ARE :::::::::

152 012 011 012 012 036 111 166

THE COMPENSATED READINGS ARE ::::::::::: TEST MODE :::::::

000 002 001 002 002 031 126 181

Position is (inc from sen 0 to 7) :: 00362

Error is (1536 - position) :: 01174

PRESS ANY KEY::

::::::::THE READINGS OF SENSORS ARE :::::::::

151 011 011 012 012 038 185 181

THE COMPENSATED READINGS ARE ::::::::::: TEST MODE :::::::

000 001 001 002 002 033 219 198

Position is (inc from sen 0 to 7) :: 00347

Error is (1536 - position) :: 01189