

## All Program List

P0

```

"Reverse" HLT
"X1?" HLT
Min01 "Y1?" HLT
Min02
LBL1 "X2?" HLT
Min03 "Y2?" HLT
Min04 - MR02 ) R>P ( MR03 - MR01 ) = Min05 X<>Y Min06 X>=0 GOT02
+ 360 = Min06
LBL2 MR05 FIX3 "D#####" HLT
MR06 SDMS HLT
GOT01

```

P1

```

DEG "Traver 1" HLT
GSBP7
LBL1 GSBP8
GSBP5
GOT01

```

P2

```

DEG "Traver 2" HLT
"GH?" HLT
Min07 "IH?" HLT
Min08 GSBP7
LBL1 "FH?" HLT
Min09 "OA?" HLT
Min02 GSBP6
Min04 "V?" HLT
Min02 GSBP6
Min10 "L?" HLT
Min03 GSBP9
ABS Min03 MR05 Min16 GSBP5
MR03 FIX3 "L#####" HLT
MR08 - MR09 + MR16 = FIX2 "h#####" HLT
+ MR07 = FIX2 "GH#####" HLT
GOT01

```

P3

```

"Traver 3" HLT
GSBP7
LBL1 GSBP8
GSBP5
MR00 Min17 MR01 Min18 MRF - 180 = Min19 GOT01

```

P4

```

"Cross" HLT
"GH?" HLT
Min07 "IH?" HLT
Min08

```

```

LBL1 "FH?" HLT
Min09 "V?" HLT
Min02 GSBP6
Min10 "L?" HLT
Min03 GSBP9
MR06 FIX3 "L#####" HLT
MR05 + MR08 - MR09 = FIX2 "h#####" HLT
+ MR07 = FIX2 "GH#####" HLT
GOTO1

```

P5

```

MR04 + MR19 - 360 =
LBL1 X>=0 GOTO2
+ 360 = GOTO1
LBL2 MinF SDMS HLT
Min10 GSBP9
FIX3 "x#####" HLT
MR05 FIX3 "y#####" HLT
MR17 + MR06 = Min00 FIX3 "X#####" HLT
MR18 + MR05 = Min01 FIX3 "Y#####" HLT

```

P6

MR02 INT + ( MR02 FRAC \* 2 10<sup>X</sup> ) Min14 INT / 60 + MR14 FRAC / 36 = Min15

P7

```

"X0?" HLT
Min17 "Y0?" HLT
Min18 "AZ?" HLT
Min02 GSBP6
Min19

```

P8

```

"0A?" HLT
Min02 GSBP6
Min04 "L?" HLT
Min03

```

P9

```

MR03 P>R MR10 = Min05 X<>Y Min06
END

```

#### Memory List

```

M00= 0.
M01= 0.
M02= 0.
M03= 0.
M04= 0.
M05= 0.
M06= 0.
M07= 0.
M08= 0.
M09= 0.
MOF= 0.

```

M10= 0.  
M11= 0.  
M12= 0.  
M13= 0.  
M14= 0.  
M15= 0.  
M16= 0.  
M17= 0.  
M18= 0.  
M19= 0.  
M1F= 0.

M20= 0.  
M21= 0.  
M22= 0.  
M23= 0.  
M24= 0.  
M25= 0.  
M26= 0.  
M27= 0.  
M28= 0.  
M29= 0.  
M2F= 0.

M30= 0.  
M31= 0.  
M32= 0.  
M33= 0.  
M34= 0.  
M35= 0.  
M36= 0.  
M37= 0.  
M38= 0.  
M39= 0.  
M3F= 0.

M40= 0.  
M41= 0.  
M42= 0.  
M43= 0.  
M44= 0.  
M45= 0.  
M46= 0.  
M47= 0.  
M48= 0.  
M49= 0.  
M4F= 0.

M50= 0.  
M51= 0.  
M52= 0.  
M53= 0.  
M54= 0.  
M55= 0.  
M56= 0.  
M57= 0.  
M58= 0.  
M59= 0.  
M5F= 0.

M60= 0.  
M61= 0.  
M62= 0.  
M63= 0.  
M64= 0.  
M65= 0.  
M66= 0.  
M67= 0.  
M68= 0.  
M69= 0.  
M6F= 0.

M70= 0.  
M71= 0.  
M72= 0.  
M73= 0.  
M74= 0.  
M75= 0.  
M76= 0.  
M77= 0.  
M78= 0.  
M79= 0.  
M7F= 0.

M80= 0.  
M81= 0.  
M82= 0.  
M83= 0.  
M84= 0.  
M85= 0.  
M86= 0.  
M87= 0.  
M88= 0.  
M89= 0.  
M8F= 0.

M90= 0.  
M91= 0.  
M92= 0.  
M93= 0.  
M94= 0.  
M95= 0.  
M96= 0.  
M97= 0.  
M98= 0.  
M99= 0.  
M9F= 0.