Switch 1

PD7
1-1.5 GHz In
From Filters (pg.3)
MaCom DS-409-4
10-2000MHz

SW101
HP 8765A

SW102
HP 8765A

SW104
HP 8765A

SW105
HP 8765A

PD8
1.25-1.75 GHz In
From Filters (pg.3)
MaCom DS-409-4
10-2000MHz

SW107
HP 8765A

SW108
HP 8765A

SW110
HP 8765A

SW111
HP 8765A

PD9
1.5-2.0 GHz In
From Filters (pg.3)
MaCom DS-409-4
10-2000MHz

SW103
HP 8765A

SW106
HP 8765A

SW109
HP 8765A

SW112
HP 8765A

PD6
0.5-1.0 GHz In
From Filters (pg.3)
MCL ZFSC-4-1
1-1000MHz

Mixers

MaCom MDC-169
MX1
LO 1
From LO Distribution (pg.8)
F4
Reactel 6LO-500-S11
A17
Cougar AC559C
11dB
Out 1
To Switch 2 (pg.5)

MaCom MDC-169
MX2
LO 2
From LO Distribution (pg.8)
F5
Reactel 6LO-500-S11
A18
Cougar AC559C
11dB
Out 2
To Switch 2 (pg.5)

MaCom MDC-169
MX3
LO 3
From LO Distribution (pg.8)
F6
Reactel 6LO-500-S11
A19
Cougar AC559C
11dB
Out 3
To Switch 2 (pg.5)

MaCom MDC-169
MX4
LO 4
From LO Distribution (pg.8)
F7
Reactel 6LO-500-S11
A20
Cougar AC559C
11dB
Out 4
To Switch 2 (pg.5)

MaCom MDC-169
MX5
1-2 GHz In
From Filters (pg.3)
LO 5
From LO Distribution (pg.8)
3dB
F9
Reactel 6B2-750-500S11
0.5-1.0GHz

A65
Cougar AC2564C
18dB
RF1
RF2
RF In
VLBI 0.5-1GHz Out
SW115
MCL ZYSWA-2-50DR
0.5 -1.0 GHz In
From Filters (pg.3)

R-1325

Arecibo Observatory

By : Bill Sisk
File : IF2.DSN

Title
Control Room IF and LO Signal Distribution

Size	Document Number	Rev
B	Switch 1, Mixers : RF	0

Date: Tuesday, January 19, 1999 Sheet 4 of 15