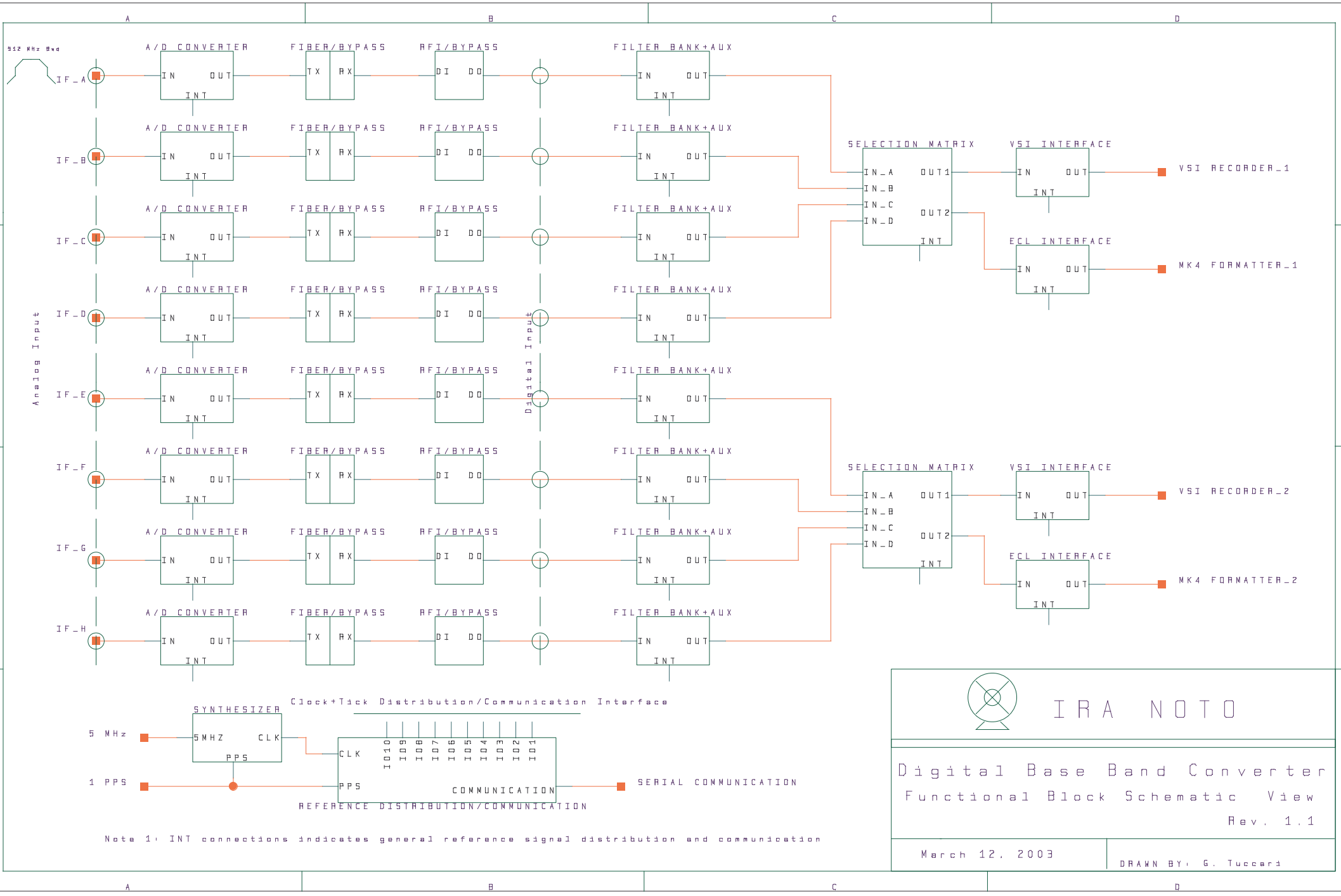
512 MHz Bwd
IF_A
IF_B
IF_C
IF_D
IF_E
IF_F
IF_G
IF_H
A/D CONVERTER
IN
OUT
INT
FIBER/BYPASS
TX
RX
RFI/BYPASS
DI
DO
FILTER BANK+AUX
Analog Input
Digital Input
SELECTION MATRIX
IN_A
IN_B
IN_C
IN_D
OUT1
OUT2
VSI INTERFACE
ECL INTERFACE
VSI RECORDER_1
MK4 FORMATTER_1
VSI RECORDER_2
MK4 FORMATTER_2
Clock+Tick Distribution/Communication Interface
SYNTHESIZER
5 MHz
1 PPS
5MHZ
CLK
PPS
IO10
IO9
IO8
IO7
IO6
IO5
IO4
IO3
IO2
IO1
COMMUNICATION
SERIAL COMMUNICATION
REFERENCE DISTRIBUTION/COMMUNICATION
Note 1: INT connections indicates general reference signal distribution and communication
IRA NOTO
Digital Base Band Converter
Functional Block Schematic View
Rev. 1.1
March 12, 2003
DRAWN BY: G. Tuccari