GENERAL IRIG-B DATAFRAME

FORMAT IEEE1344

FORMAT IEEE1344 with SBS

REFERENCE MARKER AT START OF SECOND

BCD CODED TIME: SEC., MIN., HR, DAY OF YEAR

INDEX MARKER - ALWAYS CARRIES ZERO BIT

POSITION IDENTIFIER

EMPTY BITS, CONTAIN ALL ZERES

CONTROL FUNCTIONS MAY CARRY USER DEFINEABLE DATA

IEEE1344 EXTENSIONS

YEAR = YEAR NUMBER 0...99
LSP = LEAP SECOND PENDING INSERTED UP TO 69SEC BEFORE LS INSERTION
LS = 01ADD LEAP SECOND 1:DELETE LEAP SECOND
DSP = DAYLIGHT SAVING CHANGE OVER PENDING INSERTED UP TO 59SEC BEFORE INSERTION
DST = DAYLIGHT SAVING TIME ACTIVE
TZS = SIGN OF LOCAL OFFSET
TZ OFFSET = LOCAL OFFSET OF TIMEZONE ( HOUR )
TZOM = LOCAL OFFSET OF TIMEZONE ( HALF HOUR )
TFOM = TIME FIGURE OF MERIT ( D ( BEST ) TO 0xF ( WORST )
PAR = PARITY OVER ALL PRECEDEING BITS