SerStaRec   structure

 #include <Serial.h>

typedef struct **SerStaRec** {		Size	Offset	Description
char	cumErrs;	1	0	Accumulated errors
char	xOffSent;	1	1	Input flow control XOff message
char	rdPend;	1	2	Flags a pending Read
char	wrPend;	1	3	Flags a pending Write
char	ctsHold;	1	4	Flags a Clear to Send flow control Hold
char	xOffHold;	1	5	Flags an XOff flow control Hold
} **SerStaRec**;		6		

Notes: This structure represents the contents of the serSta field in the SerStatus procedure and addresses the input and output drivers as identified by the call's refNum field. It is used to by the driver to deliver status information as follows:

The Cumerrs field shows the values:

swOverrunErr	(1)	set if a software overrun error has occurred
parityErr	(16)	set if a parity error has occurred
hwOverrunErr	(32)	set in the event of a hardware overrun
errorframingErr	(64)	set in the event of a framing error

When the driver sends an XOff character, the xOffSent field will contain the predefined constant:
>   xOffWasSent   0x080   XOff character sent

A pending Read or Write will set the rdPend and wrPend parameters; when no Read or Write is pending they will both be zero.

CtsHold is set when output is suspended because the hardware handshake was disabled: otherwise it is zero.

XOffHold will be set if output was suspended due to receipt of an XOff character.