ENHANCED RS232			
Item Designator	Data Format	Data Field Width	Description
q (cont)	ttffffff	7	<u>Byte 1--System Type:</u> ASCII 0 is undefined ASCII 1 = COM ASCII 2 = NAV ASCII 3 and above are currently undefined <u>Byte 2--System Number:</u> ASCII 0 is undefined ASCII 1 = System 1 ASCII 2 = System 2 ASCII 3 = System 3 ASCII 4 = System 4 ASCII 5 and above are currently undefined <u>Bytes 3-7—Frequency:</u> This data is equal to (Frequency – 100) * 1000 It is assumed that all frequencies are in the 100-199 MHz range, so hundreds of megahertz are omitted.
t	abcdefghij	10	GPS discretes a=W for waypoint alert; T for turn; else dashed b=N for new message; P for persistent message; else dashed c=E for en route; T for terminal; R for approach arm; or A for approach active d=L for LEG; D for direct-to; O for OBS; T for OBS->LEG transition, V for VTF. e=T for TO; F for FROM; else dashed fghij=reserved for future use; currently dashed
u	free format		for development testing only

w	ddsiiiiilllLLLLmm	17	flight plan waypoint data[1,2,3]; this item is sent for each waypoint in the active flight plan
			dd=waypoint number (01 ~ 25)
			
			s=discretes
			   bits: 76543210
			       xladsgit
			t=0 leg follows; t=1 arc follows
			i=1 no-point-symbol in map (for invisible wpt)
			g=1 gap follows (for visible non-connected wpt)