FORMAT FOR RING INTERRUPT
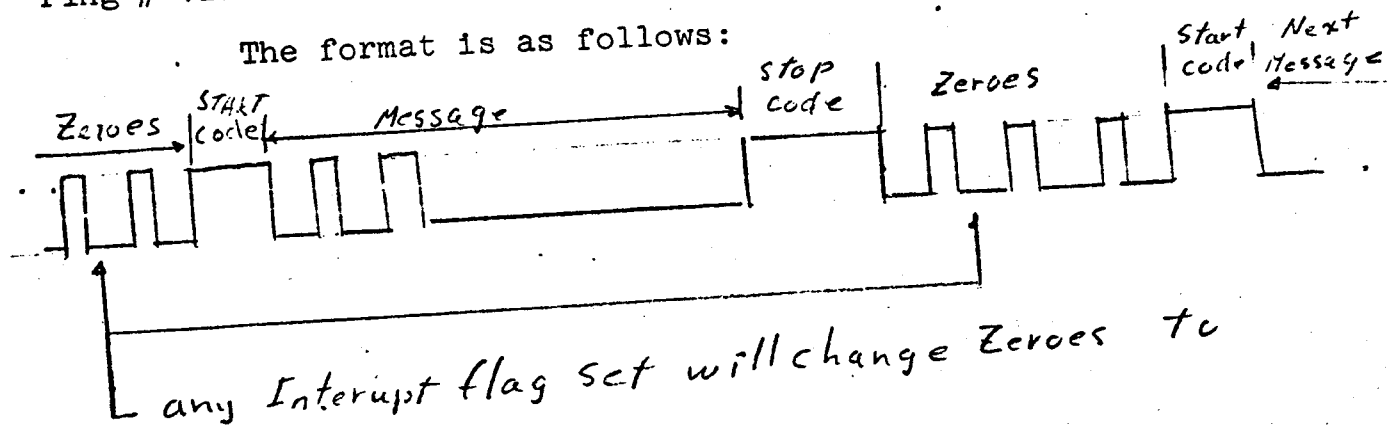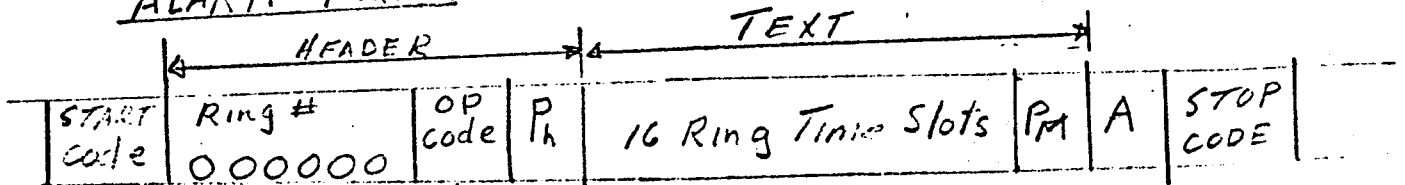
Interrupts will occur from the ring to the computer from the Node Modem which needs to be serviced. A minimum of two zeroes are sent between messages. The Node Modem logic will insert a one between messages if its interrupt flag is set. This continues until the mode receives a message from the Computer (ref. 516-12). An Alarm message from the computer will require the Node Modem to report its ring # via a time slot in the text. (Ring Time Slot "RTS".) The format is as follows:

any Interrupt flag set will change Zeroes to ones between messages

ALARM FORMAT

START code	Ring # 0.00000	OP code	P_h	16 Ring Time Slots	P_M	A	STOP CODE
	← HEADER →			← TEXT →			

00 1st 16 Nodes I flag time slots.
01 2d 16 " " " " "
10 3d 16 " " " " "
11 4th 16 Nodes I flag time slots.

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If the Header. 000000 01 and the 6th node of the 2nd section of 16 nodes has its interrupt flag set, that node will insert a one into the 6th time slot of the text. Any message for the addressed Node will reset the Interrupt flag of that Node.

The operation of Interrupt from a Node Modem on the ring is as follows:

1. Insert ones between messages.

2. On a "Alarm" message from the computer put a "one" in the proper time slot of the text. Reset the Node Interrupt flag on the stop code of the message.

3. If a RFS message is received from the computer, insert the Device number and the Device status in the text of the message. Reset the Node Interrupt Flag on the stop code of the message.