



NOTES:

- 1) DATA READY FROM IA (IKA)
THE IA WILL SEND A DATA READY PULSE, ONE CLOCK PERIOD BEFORE THE INSTRUCTION DATA. THE JA WILL SET A LATCH (QCA-QCC), INDICATING A DATA READY WAS RECEIVED.
- 2) RESUME TO IA (OKA)
THE JA WILL SEND A RESUME TO THE IA IF THE JA HAS SENT A DATA READY WITH INSTRUCTIONS DATA AND RANK A IS EMPTY.
- 3) ENTER RANK A (JA-)
SAME CONDITIONS THAT GENERATED RESUME TO THE IA WILL ALSO SET ENTER RANK A.
- 4) PARCEL POINTS (RA-)
SELECTS ONE PARCEL TO BE GATED FROM RANK A TO RANK C. BRANCH SEQUENCE CAN ENTER PARCEL POINTER. PARCEL POINTER IS INCREMENTED BY ONE FOR EVERY PARCEL TRANSFERRED TO RANK C.
- 5) ENTER RANK C (TC-)
a.) SETS WHEN ADVANCE QUEUE OCCURS
b.) ALSO SETS IF RANK C OR E IS EMPTY
c.) ALSO SETS FOR CONSECUTIVE CLOCK PERIODS AFTER A MULTIPARCEL INSTRUCTION HAS ISSUED
- 6) ENTER RANK E (TE-)
a.) SETS WHEN ADVANCE QUEUE OCCURS
b.) ALSO SETS WHEN RANK E IS EMPTY
c.) ALSO SETS FOR CONSECUTIVE CLOCK PERIODS FOR ISSUED MULTIPARCEL INSTRUCTIONS
- 7) ENTER RANK G (TG-)
SETS WHEN ADVANCE QUEUE OCCURS
- 8) ISSUE CONDITION MERGE (M--)
THIS COMPARES CONDITIONS REQUESTED WITH CONDITIONS USED. IF THERE IS A CONFLICT, GO ISSUE IS INHIBITED.

JA INSTRUCTIONAL QUEUE

Resources to request

These are already use