

NEW INSTRUCTION

Mnemonic	Name of the Instruction	Op Code (octal)
STAC	STORE A CONDITIONAL	

SUMMARY: If $C(Y) = 0$, then $C(A) \rightarrow C(Y)$
and zero indicator ON.
If $C(Y) \neq 0$, then zero indicator OFF.

MODIFICATIONS: All except DU, DL

INDICATORS: (Indicators not listed are not affected.)

ZERO	If initial $C(Y) = 0$, then ON; otherwise OFF
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NOTE: If $C(Y)$ is initially non-zero, $C(Y)$ is not changed by this instruction. This instruction uses a read-alter-rewrite cycle to fetch, test and replace $C(Y)$. This is not a privileged instruction.