



## Allocate Handling

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Output to systems which give small allocations has long been a problem, both to the remote user (who experienced frequent pauses in the output at his terminal) and to the Multics "Network Daemon" process (which encountered considerable inefficiency because of being frequently awakened to process the ALL control messages). To alleviate this, we have introduced interrupt-time code which processes the ALL's and outputs the next group of bytes without causing the Network Daemon to take a wakeup. As attendees of the ICCG will have already observed, response is far superior under the new scheme. (System Programmers responsible for NCP's might be interested to know that some 75% of our control-message processing deals with ALL's.)

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