Monitoring & Control - Low Level Instructions Sunday, 24 January 2021 1:04 PM Bit Shifting: LSL #n LSR #n LSL #2 STO 50 END $\rightarrow 00001$ 23 Compliment (Humans) Set $0 \rightarrow 1$ (OR) +4 00000100 Clear/Reset 1 -> 0 (AND) Fugl Toggle 0-1 (xor) -4 1111100 1's Compliment +4 00000100 FUP 111101 Add 1 00000001 Bit Mask: Bitwise: bit by bit right to left. 00 1 0 0 0 0 0 BIF MUSK 115 Complament? 252 11111100 LDD 35 3 00000011 XOR #B(1111111 4 00000100 #8FF #255 INC STO 36 END 400000100 -41111100V 7 6 5 4 3 2 1 0 128 64 32 16 8 4 2 1 A= 65 a= 97 Dill. 32 000001 Bin. Den. ALL LDD 50 67 OR #32 01000011 00100000 99 01100011 02#32 OR# BOO100000 OR# &20 Bîn. Den. ACC. 60 B LDD 60 98 01100010 AND #223 11011111 66 STO 60 01000010 DND.