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; Ultimate 64/1541 Ultimate II+ include file for geoGopher  
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```

```
;registers:
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CTRL_REG == $df1c  
CMD_REG == $df1d  
DATA_REG == $df1e  
STAT_REG == $df1f
```

```
;control register (write):
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```
CLR_ERR = $08  
ABORT = $04  
ACK_DATA = $02  
PUSH_CMD = $01
```

```
;control register (read):
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```
DATA_AVAIL = $80  
STAT_AVAIL = $40
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```
;status bits (4 and 5):
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```
STAT_BITS = $30  
IDLE = $00  
CMDBUSY = $10  
DATA_LAST = $20  
DATA_MORE = $30  
CMD_ERR = $08  
ABRT_PND = $04  
DATA_ACK = $02  
CMD_BUSY = $01
```

```
;device targets:
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```
TGT_DOS1 = $01  
TGT_DOS2 = $02  
TGT_NET = $03  
TGT_CTRL = $04
```

```
;network commands:
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```
IDENTIFY = $01 ;identify target device  
NET_IFCNT = $02 ;get interface count  
NET_GETIP = $05 ;get IP address  
TCP_CONN = $07 ;open TCP socket  
TCP_CLOSE = $09 ;close TCP socket  
TCP_READ = $10 ;read from TCP socket  
TCP_WRITE = $11 ;write to TCP socket  
TCP_LSN = $12 ;listen on TCP socket  
TCP_UNLSN = $13 ;stop listening on TCP socket  
NET_LSTATE = $14 ;get listener state  
NET_LISOCK = $15 ;get listener socket  
GET_TIME = $26 ;get time
```

```
;listener states:
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```
NET_NOLSN = $00 ;listener not listening  
NET_LSNING = $01 ;listener listening  
NET_CONN = $02 ;listener connected  
NET_BERR = $03 ;listener bind error  
NET_INUSE = $04 ;listener port in use
```