

## Prince Castle DHB and EHB Status Messages and Error Codes

### Status Messages

BL - Bootloader Running  
BLU - Bootloader USB Detected  
BLCL - Loading Firmware  
BLCF - Flashing Firmware  
BLC - Firmware Loaded on Main Board  
BLCS - Loading Settings File  
BLSF - Flashing Settings File  
BLBL - Loading Timer Bar Firmware  
BLBF - Flashing Timer Bar Firmware  
BLB - Timer Bars Loaded  
BLBS - Loading Timer Bar Settings File  
BLS - Timer Bar Settings Loaded  
BLEC - Loading Ethernet configuration file  
BLEF - Flashing Ethernet configuration  
BLE1 - Error loading DHBFWBIN.TXT  
BL00 - Bootloading timer bars or secondary control board  
BL02 - Bootloading both main and aux timer bars  
BL01 - Bootloading one more timer bar  
BSnn - Bootloading timer bar settings nn more nodes  
Bnxx - Finished Bootloading xx timer bars  
DAYx - Daypart x  
LLL - heater temperature low  
OFF - heater off  
HHH - heater temperature high  
REL - Relay  
SHR - Shorted  
OPN - Open  
HOLD - Wait for operation to complete  
CAL - Calibrate  
CHEC - Check results of calibration  
DONE - Done  
ERR - Calibration Error  
PRB - Probe  
PUSH - push  
BTN - Button  
---P - Loading Presets  
---F - Fahrenheit selected  
---C - Celsius selected  
---- - Booting application  
TOO - Too  
  
LO - Low

HI - High  
PASS - Test passed  
FAIL - Test failed  
AAAA - Initializing  
ENSP - Ethernet Setup  
BLSS - Successfully Changed Ethernet Settings

## Error Messages

BL17 - No DHBFWBIN.TXT file  
BLF2 - Error Flashing Firmware on Main Board  
BLE3 - Error finding main board firmware file  
BLE4 - Error loading DHBEEBIN.TXT  
BLF5 - Error Flashing Settings File  
BLE6 - Error Finding image menu file  
BLE7 - Error loading DHBFWBAR.TXT  
BLF8 - Error Flashing Main Timer Bar file  
BLF9 - Error Flashing Main Timer Bar Header  
BE10 - Error finding main timer bar file  
BE11 - Error loading Aux Timer Bar file  
BE12 - Error Flashing Aux Timer Bar Header  
BE13 - Error finding Aux Timer Bar File  
BE14 - Error verifying firmware version flash header  
BE15 - Error Loading DHBEEBAR.TXT  
BE16 - Error verifying firmware version flash header  
BE17 - Error loading timer bar settings file  
BE18 - Error finding timer bar settings file  
BE20 - Error loading Ethernet configuration file  
BLNU - No USB flash stick detected  
NOBL - No Valid Application Program  
BLFB - Failed to bootload timer bars  
ENER - Failed to set Ethernet settings

BL stands for Boot Loader meaning there's a software loading error of some sort, i.e....

- Wiring incorrect
- Different SW versions between main PCB and timer bars
- Wrong software