

LASER INTERFEROMETER GRAVITATIONAL WAVE OBSERVATORY

-LIGO-

CALIFORNIA INSTITUTE OF TECHNOLOGY

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| Document Type | DCC Number T070165-00-C | July 24, 2007 |
| Color Codes for CDS Wiring | | |
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Distribution of this draft:
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This document defines the color codes to be used for LIGO Control and Data Systems wiring. It supersedes portions of document LIGO-T960177-00.

Wiring color codes to be used are as follows:

DC power wiring

| | |
|-----------------------------|--------------------------|
| Positive 0-5 volts | Yellow |
| Negative 0-5 volts | Brown |
| Positive 6-23 volts | Orange |
| Negative 6-23 volts | Blue |
| Positive 24-45 volts | White |
| Negative 24-45 volts | Green |
| Positive 46-100 volts | Red |
| Negative 46-100 volts | Violet |
| Positive voltage >100 volts | Red with white stripe |
| Negative voltage >100 volts | Gray with a white stripe |
| Ground | Black |

AC Power wiring

| | |
|---------------|-----------------------|
| 115 V Hot | Black |
| 115 V Neutral | White |
| Ground | Green or Green/Yellow |

Other voltages not covered here: Gray, and it MUST be clearly labeled.

Signal wiring – white with a colored stripe, to be determined for each application.