# libjpeg-turbo SOS Fund Audit Fix Log

All the issues marked as VERIFIED in this document were fixed in libjpeg-turbo stable version 1.5.

## Identified Vulnerabilities

### LJT-01-003 DoS via progressive, arithmetic image decoding (Medium)

See separate report.

### LJT-01-004 DoS via small Image with large Dimensions (Medium)

See separate report.

### LJT-01-005 Out-of-Bounds Read via unusually long Blocks in MCU (High)

Fix:
https://github.com/libjpeg-turbo/libjpeg-turbo/commit/0463f7c9aad060fcd56e98d025ce16185279e2bc
**VERIFIED**

## Miscellaneous Issues

### LJT-01-001 Wraparound in round_up_pow2() (Low)

Fix:
https://github.com/libjpeg-turbo/libjpeg-turbo/commit/04dd34c14ed21d36e80447dd988fa1ce4ebe5ac5
**VERIFIED**

### LJT-01-002 Dangling pointer used as placeholder (Low)

Fix:
https://github.com/libjpeg-turbo/libjpeg-turbo/commit/6e053525ee45171f65ecec596336cc3b0a5e9468
**VERIFIED**