

Anomalous files discovered during QC

The files listed here have the known issues described below. A file categorized as "deleted" should be ignored in NQC data, and will not be present in QC data.

Date	Day of year	Deleted Files	Anomalous Files	Comments
3/4/2017	063	ISS_LIS_SC_V1.0_20170304_NQC_00966.hdf ISS_LIS_SC_V1.0_20170304_NQC_00967.hdf ISS_LIS_SC_V1.0_20170304_NQC_00968.hdf ISS_LIS_SC_V1.0_20170304_NQC_00969.hdf ISS_LIS_SC_V1.0_20170304_NQC_00970.hdf ISS_LIS_SC_V1.0_20170304_NQC_00971.hdf ISS_LIS_SC_V1.0_20170304_NQC_00972.hdf		There were no unfiltered events in these files indicating LIS was not working. Also no fatal flags were set. The first and last on these files had partial good data but due to flags not set were deleted
3/5/2017	064	ISS_LIS_SC_V1.0_20170305_NQC_00991.hdf	ISS_LIS_SC_V1.0_20170305_NQC_00988.hdf ISS_LIS_SC_V1.0_20170305_NQC_00990.hdf ISS_LIS_SC_V1.0_20170305_NQC_00992.hdf	[Orbit 988] has unfiltered events but none got through the grouping algorithms. There is a placeholder for 1 event,group,flash,area with a location of (0,0) (lat,lon) due to the hdf file creation algorithm. This is an anomalous file, but since the instrument was working do not delete. [Orbits 990 and 992] are anomalous (the fatal flags are working with these files). Orbit 991 file should be deleted. The 991 file has no events (no unfiltered events) that causes trouble with the id file reader. The fatal flags are working with [this] file.
3/17/2017	076		ISS_LIS_SC_V1.0_20170317_NQC_01168.hdf	This file has unfiltered events but none got through the grouping algorithms. There is a placeholder for 1 event,group,flash,area with a location of (0,0) (lat,lon) due to the hdf file creation algorithm. This is an anomalous file, but since the instrument was working do not delete.
3/18/2017	077	ISS_LIS_SC_V1.0_20170318_NQC_01195.hdf ISS_LIS_SC_V1.0_20170318_NQC_01196.hdf	ISS_LIS_SC_V1.0_20170318_NQC_01183.hdf ISS_LIS_SC_V1.0_20170318_NQC_01191.hdf	[Orbits 1183 and 1191] have unfiltered events but none got through the grouping algorithms. There is a placeholder for 1 event,group,flash,area with a location of (0,0) (lat,lon) due to the hdf file creation algorithm. These are anomalous files, but since the instrument was working do not delete. [Orbits 1195 and 1196] should be deleted. There were no unfiltered events in these files indicating LIS was not working. Also no fatal flags were set. The first file had partial good data but due to flags not set was deleted.
03/19/2017	078	ISS_LIS_SC_V1.0_20170319_NQC_01197.hdf ISS_LIS_SC_V1.0_20170319_NQC_01198.hdf ISS_LIS_SC_V1.0_20170319_NQC_01199.hdf ISS_LIS_SC_V1.0_20170319_NQC_01200.hdf ISS_LIS_SC_V1.0_20170319_NQC_01201.hdf ISS_LIS_SC_V1.0_20170319_NQC_01202.hdf ISS_LIS_SC_V1.0_20170319_NQC_01203.hdf ISS_LIS_SC_V1.0_20170319_NQC_01204.hdf ISS_LIS_SC_V1.0_20170319_NQC_01205.hdf		All these files should be deleted. There were no unfiltered events in these files indicating LIS was not working. Also no fatal flags were set. The last on these files had partial good data but due to flags not set were deleted.
03/20/2017	079	ISS_LIS_SC_V1.0_20170320_NQC_01214.hdf ISS_LIS_SC_V1.0_20170320_NQC_01215.hdf ISS_LIS_SC_V1.0_20170320_NQC_01216.hdf ISS_LIS_SC_V1.0_20170320_NQC_01217.hdf ISS_LIS_SC_V1.0_20170320_NQC_01218.hdf ISS_LIS_SC_V1.0_20170320_NQC_01219.hdf ISS_LIS_SC_V1.0_20170320_NQC_01220.hdf	ISS_LIS_SC_V1.0_20170320_NQC_01225.hdf	[Orbit 01225] is a partial good file but the flags are set so keep. [The other files listed here] should be deleted. There were no unfiltered events in these files indicating LIS was not working. Also no fatal flags were set. The first and last on these files had partial good data but due to flags not set were deleted.
03/25/2017	084		ISS_LIS_SC_V1.0_20170325_NQC_01294.hdf	This file has unfiltered events but none got through the grouping algorithms. There is a placeholder for 1 event,group,flash,area with a location of (0,0) (lat,lon) due to the hdf file creation algorithm. This is an anomalous file, but since the instrument was working do not delete.
03/30/2017	089	ISS_LIS_SC_V1.0_20170330_NQC_01372.hdf ISS_LIS_SC_V1.0_20170330_NQC_01373.hdf ISS_LIS_SC_V1.0_20170330_NQC_01374.hdf ISS_LIS_SC_V1.0_20170330_NQC_01375.hdf ISS_LIS_SC_V1.0_20170330_NQC_01376.hdf ISS_LIS_SC_V1.0_20170330_NQC_01377.hdf ISS_LIS_SC_V1.0_20170330_NQC_01378.hdf ISS_LIS_SC_V1.0_20170330_NQC_01379.hdf ISS_LIS_SC_V1.0_20170330_NQC_01380.hdf		All these files should be deleted. There were no unfiltered events in these files indicating LIS was not working. Also no fatal flags were set. The first and last on these files had partial good data but due to flags not set were deleted.
03/31/2017	090		ISS_LIS_SC_V1.0_20170330_NQC_01394.hdf ISS_LIS_SC_V1.0_20170330_NQC_01395.hdf	These files are partial good files but since the flags are set keep them.
04/01/2017	091	ISS_LIS_SC_V1.0_20170401_NQC_01404.hdf ISS_LIS_SC_V1.0_20170401_NQC_01405.hdf ISS_LIS_SC_V1.0_20170401_NQC_01406.hdf	ISS_LIS_SC_V1.0_20170401_NQC_01403.hdf ISS_LIS_SC_V1.0_20170401_NQC_01407.hdf	Of the following files, [orbits 1403 and 1407] are anomalous while the orbits 1404-1406 files should be deleted. The fatal flags are working with these files.
04/03/2017	093	ISS_LIS_SC_V1.0_20170403_NQC_01440.hdf ISS_LIS_SC_V1.0_20170403_NQC_01441.hdf	ISS_LIS_SC_V1.0_20170403_NQC_01439.hdf ISS_LIS_SC_V1.0_20170403_NQC_01442.hdf	Of the following files, [orbits 1439 and 1442] are anomalous while the orbits 1440-1441 files should be deleted. The fatal flags are working with these files.
04/04/2017	094	ISS_LIS_SC_V1.0_20170404_NQC_01450.hdf ISS_LIS_SC_V1.0_20170404_NQC_01451.hdf ISS_LIS_SC_V1.0_20170404_NQC_01452.hdf ISS_LIS_SC_V1.0_20170404_NQC_01453.hdf ISS_LIS_SC_V1.0_20170404_NQC_01454.hdf	ISS_LIS_SC_V1.0_20170404_NQC_01449.hdf ISS_LIS_SC_V1.0_20170404_NQC_01455.hdf	Of the following files, [orbits 1449 and 1455] are anomalous while the orbits 1450-1454 files should be deleted. The fatal flags are working with these files.
04/07/2017	097		ISS_LIS_SC_V1.0_20170407_NQC_01507.hdf ISS_LIS_SC_V1.0_20170408_NQC_01508.hdf	These two files are anomalous but can be kept since the fatal flags are set.
04/11/2017	101	ISS_LIS_SC_V1.0_20170411_NQC_01562.hdf	ISS_LIS_SC_V1.0_20170411_NQC_01561.hdf ISS_LIS_SC_V1.0_20170411_NQC_01563.hdf	Of the following files, [orbits 1561 and 1563] are anomalous while the orbit 1562 file should be deleted. The fatal flags are working with these files.

04/12/2017	102		ISS_LIS_SC_V1.0_20170412_NQC_01577.hdf ISS_LIS_SC_V1.0_20170412_NQC_01578.hdf	These two files are anomalous but can be kept since the fatal flags are set.
04/13/2017	103	ISS_LIS_SC_V1.0_20170413_NQC_01593.hdf	ISS_LIS_SC_V1.0_20170413_NQC_01592.hdf ISS_LIS_SC_V1.0_20170413_NQC_01594.hdf	Of the following files, [orbits 1592 and 1594] are anomalous while the orbit 1593 file should be deleted. The fatal flags are working with these files.
04/16/2017	106	ISS_LIS_SC_V1.0_20170416_NQC_01632.hdf ISS_LIS_SC_V1.0_20170416_NQC_01633.hdf ISS_LIS_SC_V1.0_20170416_NQC_01634.hdf ISS_LIS_SC_V1.0_20170416_NQC_01635.hdf ISS_LIS_SC_V1.0_20170416_NQC_01636.hdf ISS_LIS_SC_V1.0_20170416_NQC_01637.hdf ISS_LIS_SC_V1.0_20170416_NQC_01638.hdf ISS_LIS_SC_V1.0_20170416_NQC_01639.hdf ISS_LIS_SC_V1.0_20170416_NQC_01640.hdf ISS_LIS_SC_V1.0_20170416_NQC_01641.hdf		All these files should be deleted. There were no unfiltered events in these files indicating LIS was not working. Also no fatal flags were set. [Orbits 1632 and 1641] had partial good data but due to flags not set were deleted.
04/19/2017	109	ISS_LIS_SC_V1.0_20170419_NQC_01685.hdf ISS_LIS_SC_V1.0_20170419_NQC_01686.hdf	ISS_LIS_SC_V1.0_20170419_NQC_01684.hdf ISS_LIS_SC_V1.0_20170419_NQC_01687.hdf	Of the following files, [orbits 1684 and 1687] are anomalous while the orbits 1685-1686 file should be deleted. The fatal flags are working with these files.
04/20/2017	110	ISS_LIS_SC_V1.0_20170420_NQC_01700.hdf ISS_LIS_SC_V1.0_20170420_NQC_01701.hdf ISS_LIS_SC_V1.0_20170420_NQC_01702.hdf ISS_LIS_SC_V1.0_20170420_NQC_01709.hdf	ISS_LIS_SC_V1.0_20170420_NQC_01699.hdf ISS_LIS_SC_V1.0_20170420_NQC_01703.hdf	[Orbits 1699 and 1703] are anomalous while the orbits 1700-1702 file should be deleted. The fatal flags are working with these files. [Orbit 1709] is missing data and flags are not set so delete.
04/21/2017	111	ISS_LIS_SC_V1.0_20170421_NQC_01710.hdf ISS_LIS_SC_V1.0_20170421_NQC_01711.hdf ISS_LIS_SC_V1.0_20170421_NQC_01712.hdf ISS_LIS_SC_V1.0_20170421_NQC_01713.hdf ISS_LIS_SC_V1.0_20170421_NQC_01714.hdf ISS_LIS_SC_V1.0_20170421_NQC_01715.hdf ISS_LIS_SC_V1.0_20170421_NQC_01716.hdf ISS_LIS_SC_V1.0_20170421_NQC_01717.hdf ISS_LIS_SC_V1.0_20170421_NQC_01718.hdf ISS_LIS_SC_V1.0_20170421_NQC_01719.hdf		All these files should be deleted. There were no unfiltered events in these files indicating LIS was not working. Also no fatal flags were set. The first and last on these files had partial good data but due to flags not set were deleted.
04/22/2017	112	ISS_LIS_SC_V1.0_20170422_NQC_01725.hdf ISS_LIS_SC_V1.0_20170422_NQC_01726.hdf ISS_LIS_SC_V1.0_20170422_NQC_01727.hdf ISS_LIS_SC_V1.0_20170422_NQC_01728.hdf ISS_LIS_SC_V1.0_20170422_NQC_01729.hdf ISS_LIS_SC_V1.0_20170422_NQC_01730.hdf ISS_LIS_SC_V1.0_20170422_NQC_01731.hdf ISS_LIS_SC_V1.0_20170422_NQC_01732.hdf ISS_LIS_SC_V1.0_20170422_NQC_01733.hdf ISS_LIS_SC_V1.0_20170422_NQC_01734.hdf		All these files should be deleted. There were no unfiltered events in these files indicating LIS was not working. Also no fatal flags were set. The first and last on these files had partial good data but due to flags not set were deleted.
04/23/2017	113	ISS_LIS_SC_V1.0_20170423_NQC_01755.hdf		All these files [sic] should be deleted. There were no unfiltered events in these files indicating LIS was not working. Also no fatal flags were set. The first and last on these files had partial good data but due to flags not set were deleted.
04/24/2017	114	ISS_LIS_SC_V1.0_20170424_NQC_01756.hdf ISS_LIS_SC_V1.0_20170424_NQC_01757.hdf ISS_LIS_SC_V1.0_20170424_NQC_01758.hdf ISS_LIS_SC_V1.0_20170424_NQC_01759.hdf ISS_LIS_SC_V1.0_20170424_NQC_01760.hdf ISS_LIS_SC_V1.0_20170424_NQC_01761.hdf ISS_LIS_SC_V1.0_20170424_NQC_01762.hdf ISS_LIS_SC_V1.0_20170424_NQC_01763.hdf ISS_LIS_SC_V1.0_20170424_NQC_01764.hdf ISS_LIS_SC_V1.0_20170424_NQC_01765.hdf		All these files should be deleted. There were no unfiltered events in these files indicating LIS was not working. Also no fatal flags were set. The first and last on these files had partial good data but due to flags not set were deleted.
04/28/2017	118	ISS_LIS_SC_V1.0_20170428_NQC_01824.hdf ISS_LIS_SC_V1.0_20170428_NQC_01825.hdf ISS_LIS_SC_V1.0_20170428_NQC_01826.hdf ISS_LIS_SC_V1.0_20170428_NQC_01827.hdf		All these files should be deleted. There were no unfiltered events in these files indicating LIS was not working. Also no fatal flags were set. The first and last on these files had partial good data but due to flags not set were deleted.
04/30/2017	120	ISS_LIS_SC_V1.0_20170430_NQC_01851.hdf ISS_LIS_SC_V1.0_20170430_NQC_01852.hdf ISS_LIS_SC_V1.0_20170430_NQC_01853.hdf ISS_LIS_SC_V1.0_20170430_NQC_01854.hdf ISS_LIS_SC_V1.0_20170430_NQC_01855.hdf ISS_LIS_SC_V1.0_20170430_NQC_01856.hdf ISS_LIS_SC_V1.0_20170430_NQC_01857.hdf ISS_LIS_SC_V1.0_20170430_NQC_01858.hdf ISS_LIS_SC_V1.0_20170430_NQC_01859.hdf ISS_LIS_SC_V1.0_20170430_NQC_01860.hdf ISS_LIS_SC_V1.0_20170430_NQC_01861.hdf ISS_LIS_SC_V1.0_20170430_NQC_01862.hdf		All these files should be deleted. There were no unfiltered events in these files indicating LIS was not working. Also no fatal flags were set. The first and last on these files had partial good data but due to flags not set were deleted.
05/02/2017	122		ISS_LIS_SC_V1.0_20170502_NQC_01892.hdf ISS_LIS_SC_V1.0_20170502_NQC_01893.hdf	These are partial good files, since the flags were set keep them
05/04/2017	124		ISS_LIS_SC_V1.0_20170504_NQC_01917.hdf ISS_LIS_SC_V1.0_20170504_NQC_01926.hdf	[Orbit 1917] has 2 orbits worth of data in it. The file has partial good data and the flags are set so keep. There was no file with orbit 1918 generated as the data was in the 1917 file. [Orbit 1926] has unfiltered events but none got through the grouping algorithms. There is a placeholder for 1 event, group, flash, area with a location of (0,0) (lat,lon) due to the hdf file creation algorithm. This is an anomalous file, but since the instrument was working do not delete.
05/05/2017	125	ISS_LIS_SC_V1.0_20170505_NQC_01930.hdf ISS_LIS_SC_V1.0_20170505_NQC_01931.hdf ISS_LIS_SC_V1.0_20170505_NQC_01932.hdf ISS_LIS_SC_V1.0_20170505_NQC_01933.hdf ISS_LIS_SC_V1.0_20170505_NQC_01934.hdf ISS_LIS_SC_V1.0_20170505_NQC_01935.hdf ISS_LIS_SC_V1.0_20170505_NQC_01936.hdf		These files should be deleted. There were no unfiltered events in these files indicating LIS was not working. Also no fatal flags were set. The first and last files had partial good data but due to flags not set was deleted.

05/07/2017	127		ISS_LIS_SC_V1.0_20170507_NQC_01959.hdf ISS_LIS_SC_V1.0_20170507_NQC_01968.hdf ISS_LIS_SC_V1.0_20170507_NQC_01969.hdf ISS_LIS_SC_V1.0_20170507_NQC_01970.hdf ISS_LIS_SC_V1.0_20170507_NQC_01971.hdf	[Orbit 1959]: Keep. Partial good orbit. Flags set during data outage. [Orbit 1968]: Keep. Partial good orbit. Orbit file too long but timing doesn't overlap with next file. Flags set. [Orbit 1969]: Keep. Orbit length shorter than 1 orbit. Other data in previous file. [Orbits 1970 - 1971]: Keep. Partial good orbit. Flags set.
05/09/2017	129	ISS_LIS_SC_V1.0_20170509_NQC_02001.hdf	ISS_LIS_SC_V1.0_20170509_NQC_02000.hdf ISS_LIS_SC_V1.0_20170509_NQC_02002.hdf	Keep [orbits 2000 and 2002]. [Those 2 orbits] are anomalous. Orbit 2001 file should be deleted. The 2001 file has no events (no unfiltered events) that causes trouble with the idl file reader. The fatal flags are working with these files.
05/10/2017	130	ISS_LIS_SC_V1.0_20170510_NQC_02019.hdf ISS_LIS_SC_V1.0_20170510_NQC_02020.hdf	ISS_LIS_SC_V1.0_20170510_NQC_02015.hdf	[Orbit 2015]: Keep. This file is short (less than 1 orbit) but the data is fine. Orbit numbers 2016-2018 are missing. Were they not generated or were they deleted by Matt He when he was looking at noisy orbits. There's nothing for me to look at but it would be good to document. Note: these orbits were not generated. [Orbits 2019 and 2020]: Delete. Instrument not working so data wasn't being taken. Flags were set.
05/11/2017	131	ISS_LIS_SC_V1.0_20170511_NQC_02021.hdf ISS_LIS_SC_V1.0_20170511_NQC_02022.hdf ISS_LIS_SC_V1.0_20170511_NQC_02023.hdf ISS_LIS_SC_V1.0_20170511_NQC_02024.hdf ISS_LIS_SC_V1.0_20170511_NQC_02025.hdf ISS_LIS_SC_V1.0_20170511_NQC_02026.hdf ISS_LIS_SC_V1.0_20170511_NQC_02027.hdf ISS_LIS_SC_V1.0_20170511_NQC_02028.hdf ISS_LIS_SC_V1.0_20170511_NQC_02029.hdf ISS_LIS_SC_V1.0_20170511_NQC_02030.hdf ISS_LIS_SC_V1.0_20170511_NQC_02031.hdf ISS_LIS_SC_V1.0_20170511_NQC_02032.hdf		Delete these files. Instrument not working so data wasn't being taken. Flags were set.
05/12/2017	132		ISS_LIS_SC_V1.0_20170512_NQC_02037.hdf	Keep. File is partial good. Flags were set during LIS outage.
05/14/2017	134		ISS_LIS_SC_V1.0_20170514_NQC_02076.hdf ISS_LIS_SC_V1.0_20170514_NQC_02077.hdf	Keep. Files are partial good. Flags were set during LIS outage.
05/15/2017	135		ISS_LIS_SC_V1.0_20170515_NQC_02097.hdf	Keep. File is partial good. Flags were set during LIS outage.
05/22/2017	142	ISS_LIS_SC_V1.0_20170522_NQC_02194.hdf ISS_LIS_SC_V1.0_20170522_NQC_02195.hdf ISS_LIS_SC_V1.0_20170522_NQC_02196.hdf ISS_LIS_SC_V1.0_20170522_NQC_02197.hdf	ISS_LIS_SC_V1.0_20170522_NQC_02193.hdf ISS_LIS_SC_V1.0_20170522_NQC_02198.hdf	Keep [orbits 2193 and 2198] (partial good data). Delete orbits 2194-2197. Flags were set during LIS outage.
05/24/2017	144		ISS_LIS_SC_V1.0_20170524_NQC_02229.hdf ISS_LIS_SC_V1.0_20170524_NQC_02230.hdf	Keep. Partial good data. Flags were set during LIS outage.
05/25/2017	145	ISS_LIS_SC_V1.0_20170525_NQC_02245.hdf	ISS_LIS_SC_V1.0_20170525_NQC_02244.hdf ISS_LIS_SC_V1.0_20170525_NQC_02246.hdf	Keep [orbits 2244 and 2246] (partial good data). Delete orbit 2245. Flags were set during LIS outage.
05/30/2017	150	ISS_LIS_SC_V1.0_20170530_NQC_02327.hdf	ISS_LIS_SC_V1.0_20170530_NQC_02326.hdf ISS_LIS_SC_V1.0_20170530_NQC_02328.hdf	Keep [orbits 2326 and 2328] (partial good data). Delete orbit 2327. Flags were set during LIS outage.
06/01/2017	152		ISS_LIS_SC_V1.0_20170601_NQC_02350.hdf ISS_LIS_SC_V1.0_20170601_NQC_02351.hdf	Keep. These are partial good files, since the flags were set keep them
06/04/2017	155		ISS_LIS_SC_V1.0_20170604_NQC_02396.hdf	Keep. This is partial good file, since the flags were set keep it.
06/06/2017	157		ISS_LIS_SC_V1.0_20170606_NQC_02432.hdf	Keep. This is partial good file, since the flags were set keep it.
06/07/2017	158		ISS_LIS_SC_V1.0_20170607_NQC_02443.hdf ISS_LIS_SC_V1.0_20170607_NQC_02444.hdf	Keep. These are partial good files, since the flags were set keep them
06/08/2017	159		ISS_LIS_SC_V1.0_20170608_NQC_02464.hdf	Keep. This is partial good file, since the flags were set keep it.
06/11/2017	162		ISS_LIS_SC_V1.0_20170611_NQC_02503.hdf ISS_LIS_SC_V1.0_20170611_NQC_02504.hdf	Keep. These are partial good files, since the flags were set keep them
06/17/2017	168		ISS_LIS_SC_V1.0_20170617_NQC_02601.hdf	Keep. This is partial good file, since the flags were set keep it.
06/18/2017	169		ISS_LIS_SC_V1.0_20170618_NQC_02611.hdf ISS_LIS_SC_V1.0_20170618_NQC_02612.hdf	Keep. These are partial good files, since the flags were set keep them
06/19/2017	170		ISS_LIS_SC_V1.0_20170619_NQC_02631.hdf ISS_LIS_SC_V1.0_20170619_NQC_02632.hdf	Keep. These are partial good files, since the flags were set keep them
06/20/2017	171		ISS_LIS_SC_V1.0_20170620_NQC_02647.hdf	Keep. This is partial good file, since the flags were set keep it.
06/28/2017	179		ISS_LIS_SC_V1.0_20170628_NQC_02769.hdf	Keep. This is partial good file, since the flags were set keep it.
07/01/2017	182	ISS_LIS_SC_V1.0_20170701_NQC_02826.hdf ISS_LIS_SC_V1.0_20170701_NQC_02827.hdf	ISS_LIS_SC_V1.0_20170701_NQC_02825.hdf	[Orbit 2825]: Keep. This is short file (less than 1 orbit) but the data are good. [Orbits 2826 and 2827]: Delete. The ISS LIS was not on. No unfiltered events were detected. The flags were set properly.

07/02/2017	183	ISS_LIS_SC_V1.0_20170702_NQC_02828.hdf ISS_LIS_SC_V1.0_20170702_NQC_02829.hdf ISS_LIS_SC_V1.0_20170702_NQC_02830.hdf ISS_LIS_SC_V1.0_20170702_NQC_02831.hdf ISS_LIS_SC_V1.0_20170702_NQC_02832.hdf ISS_LIS_SC_V1.0_20170702_NQC_02833.hdf ISS_LIS_SC_V1.0_20170702_NQC_02834.hdf ISS_LIS_SC_V1.0_20170702_NQC_02835.hdf ISS_LIS_SC_V1.0_20170702_NQC_02836.hdf ISS_LIS_SC_V1.0_20170702_NQC_02837.hdf	ISS_LIS_SC_V1.0_20170702_NQC_02838.hdf	[Orbit 2838]: Keep. This is partial good file, since the flags were set keep it. [All other orbits listed here]: Delete. The ISS LIS was not on. No unfiltered events were detected. The flags were set properly.
07/03/2017	184		ISS_LIS_SC_V1.0_20170703_NQC_02845.hdf	Keep. This is partial good file, since the flags were set keep it.
07/06/2017	187	ISS_LIS_SC_V1.0_20170706_NQC_02892.hdf ISS_LIS_SC_V1.0_20170706_NQC_02893.hdf ISS_LIS_SC_V1.0_20170706_NQC_02894.hdf ISS_LIS_SC_V1.0_20170706_NQC_02895.hdf ISS_LIS_SC_V1.0_20170706_NQC_02896.hdf ISS_LIS_SC_V1.0_20170706_NQC_02897.hdf ISS_LIS_SC_V1.0_20170706_NQC_02898.hdf ISS_LIS_SC_V1.0_20170706_NQC_02899.hdf		Delete all. The ISS LIS was not operating. No flags were set to indicate this. The first and last files have useful partial data but since flags are not set in the missing data portion delete.
07/09/2017	190		ISS_LIS_SC_V1.0_20170709_NQC_02938.hdf	Keep. This is partial good file, since the flags were set keep it.
07/13/2017	194	ISS_LIS_SC_V1.0_20170713_NQC_03011.hdf	ISS_LIS_SC_V1.0_20170713_NQC_03010.hdf ISS_LIS_SC_V1.0_20170713_NQC_03012.hdf	[Orbits 3010 and 3012]: Keep. These files are partial good files, since the flags were set keep them. [Orbit 3011]: Delete. ISS LIS was not working for entire orbit. Flags were set.
07/17/2017	198		ISS_LIS_SC_V1.0_20170717_NQC_03076.hdf	Keep. This is partial good file, since the flags were set keep it.
07/19/2017	200		ISS_LIS_SC_V1.0_20170719_NQC_03107.hdf	Keep. This is partial good file, since the flags were set keep it.
07/20/2017	201		ISS_LIS_SC_V1.0_20170720_NQC_03118.hdf ISS_LIS_SC_V1.0_20170720_NQC_03119.hdf	Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate).
07/23/2017	204		ISS_LIS_SC_V1.0_20170723_NQC_03160.hdf ISS_LIS_SC_V1.0_20170723_NQC_03161.hdf	Keep. These files are partial good files, since the flags were set keep them.
07/26/2017	207	ISS_LIS_SC_V1.0_20170726_NQC_03207.hdf ISS_LIS_SC_V1.0_20170726_NQC_03208.hdf ISS_LIS_SC_V1.0_20170726_NQC_03209.hdf	ISS_LIS_SC_V1.0_20170726_NQC_03206.hdf ISS_LIS_SC_V1.0_20170726_NQC_03210.hdf ISS_LIS_SC_V1.0_20170726_NQC_03214.hdf ISS_LIS_SC_V1.0_20170726_NQC_03216.hdf	[Orbits 3206, 3210, and 3214]: Keep. These files are partial good files, since the flags were set keep them. [Orbit 3216]: Keep. File contains more than 1 orbits worth of data. The file also is partial good and the flags are set. [Orbits 3207, 3208, 3209]: Delete. The ISS LIS was not operating for the duration of these files. Flags are set. [Notice]: There is no file ISS_LIS_SC_V1.0_20170726_NQC_03217.hdf. The data is in the previous file (ISS_LIS_SC_V1.0_20170726_NQC_03216.hdf).
07/27/2017	208		ISS_LIS_SC_V1.0_20170727_NQC_03229.hdf	Keep. This is partial good file, since the flags were set keep it.
07/28/2017	209		ISS_LIS_SC_V1.0_20170728_NQC_03241.hdf	Keep. This is partial good file, since the flags were set keep it.
07/29/2017	210	ISS_LIS_SC_V1.0_20170729_NQC_03254.hdf ISS_LIS_SC_V1.0_20170729_NQC_03255.hdf ISS_LIS_SC_V1.0_20170729_NQC_03256.hdf	ISS_LIS_SC_V1.0_20170729_NQC_03253.hdf ISS_LIS_SC_V1.0_20170729_NQC_03257.hdf	[Orbits 3253, 3257]: Keep. These files are partial good files, since the flags were set keep them. [Orbits 3254, 3255, 3256]: Delete. The ISS LIS was not operating for the duration of these files. Flags are set.
07/30/2017	211	ISS_LIS_SC_V1.0_20170730_NQC_03269.hdf ISS_LIS_SC_V1.0_20170730_NQC_03270.hdf ISS_LIS_SC_V1.0_20170730_NQC_03271.hdf ISS_LIS_SC_V1.0_20170730_NQC_03272.hdf ISS_LIS_SC_V1.0_20170730_NQC_03273.hdf ISS_LIS_SC_V1.0_20170730_NQC_03274.hdf ISS_LIS_SC_V1.0_20170730_NQC_03275.hdf ISS_LIS_SC_V1.0_20170730_NQC_03276.hdf ISS_LIS_SC_V1.0_20170730_NQC_03277.hdf		Delete all. The ISS LIS was not operating. No flags were set to indicate this. The first and last files have useful partial data but since flags are not set in the missing data portion delete.
08/01/2017	213		ISS_LIS_SC_V1.0_20170801_NQC_03305.hdf	Keep. This is partial good file, since the flags were set keep it.
08/03/2017	215	ISS_LIS_SC_V1.0_20170803_NQC_03337.hdf	ISS_LIS_SC_V1.0_20170803_NQC_03336.hdf ISS_LIS_SC_V1.0_20170803_NQC_03338.hdf	[Orbits 3336 and 3338]: Keep. These are partial good files, since the flags were set keep. [Orbit 3337]: Delete. The ISS LIS was not operating. No unfiltered events were detected. The flags were set properly.
08/06/2017	218	ISS_LIS_SC_V1.0_20170806_NQC_03376.hdf ISS_LIS_SC_V1.0_20170806_NQC_03377.hdf ISS_LIS_SC_V1.0_20170806_NQC_03378.hdf ISS_LIS_SC_V1.0_20170806_NQC_03379.hdf	ISS_LIS_SC_V1.0_20170806_NQC_03375.hdf ISS_LIS_SC_V1.0_20170806_NQC_03380.hdf ISS_LIS_SC_V1.0_20170806_NQC_03381.hdf	[Orbits 3375, 3380, 3381]: Keep. These are partial good files, since the flags were set keep. [Orbits 3376, 3377, 3378, 3379]: Delete. The ISS LIS was not operating. No unfiltered events were detected. The flags were set properly.
08/08/2017	220	ISS_LIS_SC_V1.0_20170808_NQC_03411.hdf	ISS_LIS_SC_V1.0_20170808_NQC_03412.hdf	[Orbit 3411]: Delete. The ISS LIS was not operating. No unfiltered events were detected. The flags were set properly. [Orbit 3412]: Keep. This is a partial good file, since the flags were set keep.
08/09/2017	221		ISS_LIS_SC_V1.0_20170809_NQC_03427.hdf	Keep. This is a partial good file, since the flags were set keep.

08/11/2017	223	ISS_LIS_SC_V1.0_20170811_NQC_03452.hdf ISS_LIS_SC_V1.0_20170811_NQC_03453.hdf ISS_LIS_SC_V1.0_20170811_NQC_03454.hdf ISS_LIS_SC_V1.0_20170811_NQC_03455.hdf ISS_LIS_SC_V1.0_20170811_NQC_03456.hdf ISS_LIS_SC_V1.0_20170811_NQC_03457.hdf ISS_LIS_SC_V1.0_20170811_NQC_03458.hdf ISS_LIS_SC_V1.0_20170811_NQC_03459.hdf ISS_LIS_SC_V1.0_20170811_NQC_03460.hdf		Delete all. The ISS LIS was not operating. No flags were set to indicate this. The first and last files have useful partial data but since flags are not set in the missing data portion delete.
08/12/2017	224		ISS_LIS_SC_V1.0_20170812_NQC_03467.hdf ISS_LIS_SC_V1.0_20170812_NQC_03468.hdf	Keep. These are partial good files, since the flags were set keep.
08/14/2017	226		ISS_LIS_SC_V1.0_20170814_NQC_03498.hdf ISS_LIS_SC_V1.0_20170814_NQC_03499.hdf	Keep. These are partial good files, since the flags were set keep.
08/16/2017	228		ISS_LIS_SC_V1.0_20170816_NQC_03529.hdf ISS_LIS_SC_V1.0_20170816_NQC_03530.hdf ISS_LIS_SC_V1.0_20170816_NQC_03535.hdf ISS_LIS_SC_V1.0_20170816_NQC_03536.hdf	Keep. These are partial good files, since the flags were set keep. The orbit 3530 file has no event, groups, flashes, areas but has an hdf placeholder values of location (lat,lon)=(0.0, 0.0)
08/17/2017	229		ISS_LIS_SC_V1.0_20170817_NQC_03549.hdf ISS_LIS_SC_V1.0_20170817_NQC_03550.hdf	Keep. These are partial good files, since the flags were set keep.
08/18/2017	230		ISS_LIS_SC_V1.0_20170818_NQC_03560.hdf ISS_LIS_SC_V1.0_20170818_NQC_03561.hdf	[Orbits 3560 and 3561]: Keep. These are partial good files, since the flags were set keep. No orbits for orbit numbers 3565 through 3571 were generated. Were they removed, perhaps by Matt He? Note: They were not generated (not removed).
08/19/2017	231	ISS_LIS_SC_V1.0_20170819_NQC_03588.hdf ISS_LIS_SC_V1.0_20170819_NQC_03589.hdf	ISS_LIS_SC_V1.0_20170819_NQC_03574.hdf ISS_LIS_SC_V1.0_20170819_NQC_03575.hdf ISS_LIS_SC_V1.0_20170819_NQC_03587.hdf	[Orbits 3574, 3575, 3587]: Keep. These are partial good files, since the flags were set keep. [Orbits 3588 and 3589]: Delete. The ISS LIS was not operating. No unfiltered events were detected. The flags were set properly.
08/20/2017	232	ISS_LIS_SC_V1.0_20170820_NQC_03590.hdf ISS_LIS_SC_V1.0_20170820_NQC_03591.hdf	ISS_LIS_SC_V1.0_20170820_NQC_03592.hdf	[Orbits 3590 and 3591]: Delete. The ISS LIS was not operating. No unfiltered events were detected. The flags were set properly. [Orbit 3592]: Keep. This is a partial good file, since the flags were set keep.
08/21/2017	233	ISS_LIS_SC_V1.0_20170821_NQC_03605.hdf		[Orbit 3605]: Delete. File contains two orbits of data LIS was not operating for a large portion of the period so delete. Orbit number 03606 doesn't exist. The data that would have been here was in the previous file (ISS_LIS_SC_V1.0_20170821_NQC_03605.hdf).
08/22/2017	234	ISS_LIS_SC_V1.0_20170822_NQC_03626.hdf	ISS_LIS_SC_V1.0_20170822_NQC_03625.hdf ISS_LIS_SC_V1.0_20170822_NQC_03627.hdf ISS_LIS_SC_V1.0_20170822_NQC_03634.hdf ISS_LIS_SC_V1.0_20170822_NQC_03635.hdf	[Orbit 3626]: Delete. The ISS LIS was not operating. No unfiltered events were detected. The flags were set properly. [Orbits 3625, 3627, 3634, 3635]: Keep. These are partial good files, since the flags were set keep.
08/23/2017	235		ISS_LIS_SC_V1.0_20170823_NQC_03640.hdf	Keep. This is a partial good file, since the flags were set keep.
08/25/2017	237		ISS_LIS_SC_V1.0_20170825_NQC_03670.hdf	Keep. This is a partial good file, since the flags were set keep.
08/26/2017	238		ISS_LIS_SC_V1.0_20170826_NQC_03687.hdf	Keep. This is a partial good file, since the flags were set keep.
08/27/2017	239		ISS_LIS_SC_V1.0_20170827_NQC_03711.hdf ISS_LIS_SC_V1.0_20170827_NQC_03712.hdf	Keep. These are partial good files, since the flags were set keep.
08/30/2017	242		ISS_LIS_SC_V1.0_20170830_NQC_03757.hdf	Keep. This is a partial good file, since the flags were set keep.
09/03/2017	246		ISS_LIS_SC_V1.0_20170903_NQC_03809.hdf ISS_LIS_SC_V1.0_20170903_NQC_03814.hdf ISS_LIS_SC_V1.0_20170903_NQC_03818.hdf	Keep. These are partial good files, since the flags were set keep.
09/07/2017	250		ISS_LIS_SC_V1.0_20170907_NQC_03871.hdf	Keep. This is a partial good file, since the flags were set keep.
09/09/2017	252		ISS_LIS_SC_V1.0_20170909_NQC_03911.hdf ISS_LIS_SC_V1.0_20170909_NQC_03912.hdf	Keep. These are partial good files, since the flags were set keep.
09/10/2017	253		ISS_LIS_SC_V1.0_20170910_NQC_03922.hdf ISS_LIS_SC_V1.0_20170910_NQC_03930.hdf	[Orbit 3922]: Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon. [Orbit 3930]: Keep. This is a partial good file, since the flags were set keep.
09/11/2017	254		ISS_LIS_SC_V1.0_20170911_NQC_03937.hdf	Keep. This is a partial good file, since the flags were set keep.
09/12/2017	255		ISS_LIS_SC_V1.0_20170912_NQC_03961.hdf	Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
09/13/2017	256		ISS_LIS_SC_V1.0_20170913_NQC_03971.hdf	Keep. This is a partial good file, since the flags were set keep.
09/14/2017	257		ISS_LIS_SC_V1.0_20170914_NQC_03987.hdf	Keep. This is a partial good file, since the flags were set keep.
09/16/2017	259		ISS_LIS_SC_V1.0_20170916_NQC_04021.hdf ISS_LIS_SC_V1.0_20170916_NQC_04024.hdf	Keep. These are partial good files, since the flags were set keep.
09/17/2017	260		ISS_LIS_SC_V1.0_20170917_NQC_04032.hdf	Keep. This is a partial good file, since the flags were set keep.
09/18/2017	261		ISS_LIS_SC_V1.0_20170918_NQC_04053.hdf	Keep. This is a partial good file, since the flags were set keep.

09/20/2017	263		ISS_LIS_SC_V1.0_20170920_NQC_04075.hdf ISS_LIS_SC_V1.0_20170920_NQC_04077.hdf ISS_LIS_SC_V1.0_20170920_NQC_04078.hdf ISS_LIS_SC_V1.0_20170920_NQC_04079.hdf	Keep. These are partial good files, since the flags were set keep.
09/23/2017	266		ISS_LIS_SC_V1.0_20170923_NQC_04125.hdf ISS_LIS_SC_V1.0_20170923_NQC_04126.hdf ISS_LIS_SC_V1.0_20170923_NQC_04127.hdf ISS_LIS_SC_V1.0_20170923_NQC_04128.hdf ISS_LIS_SC_V1.0_20170923_NQC_04129.hdf ISS_LIS_SC_V1.0_20170923_NQC_04130.hdf	Delete. The LIS was not operating properly resulting in lot of noise in the data. The first and last files of this group may have useful data if the noise could be filtered out.
09/25/2017	268		ISS_LIS_SC_V1.0_20170925_NQC_04155.hdf ISS_LIS_SC_V1.0_20170925_NQC_04161.hdf	Keep. These are partial good files, since the flags were set keep.
09/27/2017	270		ISS_LIS_SC_V1.0_20170927_NQC_04190.hdf	Keep. This is a partial good file, since the flags were set keep.
09/29/2017	272		ISS_LIS_SC_V1.0_20170929_NQC_04222.hdf	Keep. These [sic] is a partial good file, since the flags were set keep.
10/02/2017	275		ISS_LIS_SC_V1.0_20171002_NQC_04262.hdf	Keep. This is a partial good file, since the flags were set keep.
10/04/2017	277		ISS_LIS_SC_V1.0_20171004_NQC_04294.hdf ISS_LIS_SC_V1.0_20171004_NQC_04295.hdf	Keep. These are partial good files, since the flags were set keep.
10/06/2017	279		ISS_LIS_SC_V1.0_20171006_NQC_04329.hdf	Keep. This is a partial good file, since the flags were set keep.
10/09/2017	282		ISS_LIS_SC_V1.0_20171009_NQC_04369.hdf ISS_LIS_SC_V1.0_20171009_NQC_04370.hdf ISS_LIS_SC_V1.0_20171009_NQC_04375.hdf ISS_LIS_SC_V1.0_20171009_NQC_04370.hdf	[Orbits 4369, 4370, and 4375]: Keep. These are partial good files, since the flags were set keep. [Orbit 4370]: Keep. This file has 0 lightning events, groups,flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
10/13/2017	286		ISS_LIS_SC_V1.0_20171013_NQC_04437.hdf	Keep. This is a partial good file, since the flags were set keep.
10/14/2017	287		ISS_LIS_SC_V1.0_20171014_NQC_04450.hdf	Keep. This is a partial good file, since the flags were set keep.
10/15/2017	288		ISS_LIS_SC_V1.0_20171015_NQC_04475.hdf ISS_LIS_SC_V1.0_20171015_NQC_04462.hdf	[Orbit 4475]: Keep. This is a partial good file, since the flags were set keep. [Orbit 4462]: Keep. This file has 0 lightning events, groups,flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
10/16/2017	289		ISS_LIS_SC_V1.0_20171016_NQC_04476.hdf ISS_LIS_SC_V1.0_20171016_NQC_04488.hdf ISS_LIS_SC_V1.0_20171016_NQC_04481.hdf	[Orbits 4476 and 4488]: Keep. These are partial good files, since the flags were set keep. [Orbit 4481]: Keep. This file has 0 lightning events, groups,flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
10/17/2017	290		ISS_LIS_SC_V1.0_20171017_NQC_04497.hdf ISS_LIS_SC_V1.0_20171017_NQC_04501.hdf	[Orbit 4497]: Keep. This is a partial good file, since the flags were set keep. [Orbit 4501]: Keep. This file has 0 lightning events, groups,flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
10/18/2017	291		ISS_LIS_SC_V1.0_20171018_NQC_04509.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
10/19/2017	292		ISS_LIS_SC_V1.0_20171019_NQC_04524.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
10/20/2017	293		ISS_LIS_SC_V1.0_20171020_NQC_04541.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
10/21/2017	294		ISS_LIS_SC_V1.0_20171021_NQC_04555.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
10/22/2017	295		ISS_LIS_SC_V1.0_20171022_NQC_04570.hdf ISS_LIS_SC_V1.0_20171022_NQC_04581.hdf	Keep. These files have 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
10/24/2017	297		ISS_LIS_SC_V1.0_20171024_NQC_04614.hdf ISS_LIS_SC_V1.0_20171024_NQC_04611.hdf	[Orbit 4614]: Keep. This is a partial good file, since the flags were set keep. [Orbit 4611]: Keep. This file has 0 lightning events, groups,flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
10/26/2017	299		ISS_LIS_SC_V1.0_20171026_NQC_04644.hdf	Keep. This is a partial good file, since the flags were set keep.
10/28/2017	301		ISS_LIS_SC_V1.0_20171028_NQC_04675.hdf ISS_LIS_SC_V1.0_20171028_NQC_04676.hdf	Keep. These are partial good files, since the flags were set keep.

10/29/2017	302		ISS_LIS_SC_V1.0_20171029_NQC_04690.hdf ISS_LIS_SC_V1.0_20171029_NQC_04693.hdf	[Orbit 4690]: Keep. This is a partial good file, since the flags were set keep. [Orbit 4693]: Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
10/30/2017	303		ISS_LIS_SC_V1.0_20171030_NQC_04705.hdf ISS_LIS_SC_V1.0_20171030_NQC_04706.hdf	Keep. These are partial good files, since the flags were set keep.
10/31/2017	304		ISS_LIS_SC_V1.0_20171031_NQC_04722.hdf	Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
11/02/2017	306		ISS_LIS_SC_V1.0_20171102_NQC_04745.hdf	This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
11/03/2017	307		ISS_LIS_SC_V1.0_20171103_NQC_04758.hdf	Keep. This is a partial good file, since the flags were set keep.
11/05/2017	309	ISS_LIS_SC_V1.0_20171105_NQC_04791.hdf ISS_LIS_SC_V1.0_20171105_NQC_04792.hdf ISS_LIS_SC_V1.0_20171105_NQC_04793.hdf ISS_LIS_SC_V1.0_20171105_NQC_04794.hdf ISS_LIS_SC_V1.0_20171105_NQC_04795.hdf		Delete. The LIS was not operating properly resulting in lot of noise in the data. The first and last files of this group may have useful data if the noise could be filtered out.
11/06/2017	310		ISS_LIS_SC_V1.0_20171106_NQC_04803.hdf	Keep. This is a partial good file, since the flags were set keep.
11/16/2017	320		ISS_LIS_SC_V1.0_20171116_NQC_04961.hdf	This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
11/18/2017	322		ISS_LIS_SC_V1.0_20171118_NQC_05002.hdf	Keep. This is a partial good file, since the flags were set keep.
11/20/2017	324		ISS_LIS_SC_V1.0_20171120_NQC_05026.hdf ISS_LIS_SC_V1.0_20171120_NQC_05027.hdf	Keep. These are partial good files, since the flags were set keep.
11/22/2017	326		ISS_LIS_SC_V1.0_20171122_NQC_05053.hdf ISS_LIS_SC_V1.0_20171122_NQC_05052.hdf	[Orbit 5053]: Keep. This is a partial good file, since the flags were set keep. [Orbit 5052]: This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
11/25/2017	329		ISS_LIS_SC_V1.0_20171125_NQC_05098.hdf ISS_LIS_SC_V1.0_20171125_NQC_05102.hdf ISS_LIS_SC_V1.0_20171125_NQC_05103.hdf	[Orbit 5098]: This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon. [Orbits 5102 and 5103]: Keep. These are partial good files, since the flags were set keep.
11/27/2017	331		ISS_LIS_SC_V1.0_20171127_NQC_05144.hdf	This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
11/28/2017	332		ISS_LIS_SC_V1.0_20171128_NQC_05159.hdf	This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
11/30/2017	334		ISS_LIS_SC_V1.0_20171130_NQC_05189.hdf	Keep. This is a partial good file, since the flags were set keep.
12/01/2017	335		ISS_LIS_SC_V1.0_20171201_NQC_05205.hdf	Keep the following files. These files have 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
12/02/2017	336		ISS_LIS_SC_V1.0_20171202_NQC_05219.hdf	Keep the following files. These files have 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
12/04/2017	338		ISS_LIS_SC_V1.0_20171204_NQC_05246.hdf	Keep the following files. These files have 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
12/05/2017	339		ISS_LIS_SC_V1.0_20171205_NQC_05262.hdf	Keep. This is a partial good file, since the flags were set keep.
12/07/2017	341		ISS_LIS_SC_V1.0_20171207_NQC_05288.hdf ISS_LIS_SC_V1.0_20171207_NQC_05295.hdf	Keep the following files. These files have 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
12/08/2017	342		ISS_LIS_SC_V1.0_20171208_NQC_05311.hdf	Keep the following files. These files have 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
12/10/2017	344		ISS_LIS_SC_V1.0_20171210_NQC_05343.hdf ISS_LIS_SC_V1.0_20171210_NQC_05345.hdf	Keep the following files. These files have 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.

12/11/2017	345		ISS_LIS_SC_V1.0_20171211_NQC_05353.hdf ISS_LIS_SC_V1.0_20171211_NQC_05357.hdf	Keep the following files. These files have 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event, group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
12/13/2017	347		ISS_LIS_SC_V1.0_20171213_NQC_05380.hdf ISS_LIS_SC_V1.0_20171213_NQC_05388.hdf	Keep the following files. These files have 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event, group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
12/14/2017	348		ISS_LIS_SC_V1.0_20171214_NQC_05396.hdf	Keep. This file may have geolocation issues for portions of the orbit. The platform_alert bit for "Attitude possibly inaccurate" bit (5) is set i the one_second_data.
12/15/2017	349		ISS_LIS_SC_V1.0_20171215_NQC_05410.hdf	Keep the following files. These files have 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event, group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
12/16/2017	350		ISS_LIS_SC_V1.0_20171216_NQC_05431.hdf	Keep. This is a partial good file, since the flags were set keep.
12/17/2017	351		ISS_LIS_SC_V1.0_20171217_NQC_05440.hdf	Keep. This is a partial good file, since the flags were set keep.
12/20/2017	354		ISS_LIS_SC_V1.0_20171220_NQC_05495.hdf	Keep the following files. These files have 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event, group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
12/21/2017	355		ISS_LIS_SC_V1.0_20171221_NQC_05507.hdf ISS_LIS_SC_V1.0_20171221_NQC_05509.hdf	[Orbit 5507]: Keep. This is a partial good file, since the flags were set keep. [Orbit 5509]: [Keep]. These files have 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
12/22/2017	356		ISS_LIS_SC_V1.0_20171222_NQC_05519.hdf ISS_LIS_SC_V1.0_20171222_NQC_05525.hdf ISS_LIS_SC_V1.0_20171222_NQC_05529.hdf	Keep the following files. These files have 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event, group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
12/23/2017	357		ISS_LIS_SC_V1.0_20171223_NQC_05540.hdf ISS_LIS_SC_V1.0_20171223_NQC_05541.hdf ISS_LIS_SC_V1.0_20171223_NQC_05544.hdf	Keep the following files. These files have 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event, group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
12/24/2017	358		ISS_LIS_SC_V1.0_20171224_NQC_05553.hdf ISS_LIS_SC_V1.0_20171224_NQC_05562.hdf ISS_LIS_SC_V1.0_20171224_NQC_05552.hdf ISS_LIS_SC_V1.0_20171224_NQC_05556.hdf	[Orbits 5553 and 5562]: Keep. These are partial good files, since the flags were set keep. [Orbits 5552 and 5556]: Keep the following files. These files have 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
12/25/2017	359		ISS_LIS_SC_V1.0_20171225_NQC_05572.hdf	Keep the following files. These files have 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event, group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
12/26/2017	360		ISS_LIS_SC_V1.0_20171226_NQC_05582.hdf ISS_LIS_SC_V1.0_20171226_NQC_05586.hdf ISS_LIS_SC_V1.0_20171226_NQC_05594.hdf ISS_LIS_SC_V1.0_20171226_NQC_05592.hdf ISS_LIS_SC_V1.0_20171226_NQC_05593.hdf	[Orbits 5582, 5586, and 5594]: Keep the following files. These files have 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon. [Orbits 5592 and 5593]: Keep. These are partial good files, since the flags were set keep.
12/27/2017	361		ISS_LIS_SC_V1.0_20171227_NQC_05605.hdf ISS_LIS_SC_V1.0_20171227_NQC_05610.hdf	Keep the following files. These files have 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event, group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
12/28/2017	362		ISS_LIS_SC_V1.0_20171228_NQC_05613.hdf ISS_LIS_SC_V1.0_20171228_NQC_05617.hdf ISS_LIS_SC_V1.0_20171228_NQC_05614.hdf ISS_LIS_SC_V1.0_20171228_NQC_05623.hdf	[Orbits 5613 and 5617]: Keep the following files. These files have 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon. [Orbits 5614 and 5623]: Keep. These are partial good files, since the flags were set keep.
12/30/2017	364		ISS_LIS_SC_V1.0_20171230_NQC_05644.hdf ISS_LIS_SC_V1.0_20171230_NQC_05654.hdf	Keep. These are partial good files, since the flags were set keep.
12/31/2017	365		ISS_LIS_SC_V1.0_20171231_NQC_05669.hdf	Keep. This is a partial good file, since the flags were set keep.
01/02/2018	002		ISS_LIS_SC_V1.0_20180102_NQC_05699.hdf	Keep. This is a partial good file, since the flags were set keep.
01/05/2018	005		ISS_LIS_SC_V1.0_20180105_NQC_05747.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
01/07/2018	007		ISS_LIS_SC_V1.0_20180107_NQC_05781.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.

01/11/2018	011		ISS_LIS_SC_V1.0_20180111_NQC_05832.hdf ISS_LIS_SC_V1.0_20180111_NQC_05837.hdf	[Orbit 5832]: Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon. [Orbit 5837]: Keep. This is a partial good file, since the flags were set keep.
01/12/2018	012		ISS_LIS_SC_V1.0_20180112_NQC_05846.hdf ISS_LIS_SC_V1.0_20180112_NQC_05857.hdf	Keep. These files have 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
01/13/2018	013		ISS_LIS_SC_V1.0_20180113_NQC_05868.hdf ISS_LIS_SC_V1.0_20180113_NQC_05863.hdf	[Orbit 5868]: Keep. This is a partial good file, since the flags were set keep. [Orbit 5863]: Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
01/14/2018	014		ISS_LIS_SC_V1.0_20180114_NQC_05878.hdf ISS_LIS_SC_V1.0_20180114_NQC_05884.hdf ISS_LIS_SC_V1.0_20180114_NQC_05885.hdf	Keep. These files have 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
01/17/2018	017		ISS_LIS_SC_V1.0_20180117_NQC_05924.hdf	Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
01/18/2018	018		ISS_LIS_SC_V1.0_20180120_NQC_05980.hdf	Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
01/21/2018	021		ISS_LIS_SC_V1.0_20180121_NQC_05992.hdf ISS_LIS_SC_V1.0_20180121_NQC_05996.hdf	[Orbit 5992]: Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon. [Orbit 5996]: Keep. This is a partial good file, since the flags were set keep.
01/22/2018	022		ISS_LIS_SC_V1.0_20180122_NQC_06011.hdf	Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
01/24/2018	024		ISS_LIS_SC_V1.0_20180124_NQC_06036.hdf ISS_LIS_SC_V1.0_20180124_NQC_06037.hdf	Keep. These are partial good files, since the flags were set keep.
01/28/2018	028		ISS_LIS_SC_V1.0_20180128_NQC_06099.hdf	Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
01/29/2018	029		ISS_LIS_SC_V1.0_20180129_NQC_06110.hdf ISS_LIS_SC_V1.0_20180129_NQC_06113.hdf ISS_LIS_SC_V1.0_20180129_NQC_06119.hdf	[Orbit 6110]: Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon. [Orbits 6113 and 6119]: Keep. These are partial good files, since the flags were set keep.
01/31/2018	031		ISS_LIS_SC_V1.0_20180131_NQC_06141.hdf ISS_LIS_SC_V1.0_20180131_NQC_06148.hdf	[Orbit 6141]: Keep. This is a partial good file, since the flags were set keep. [Orbit 6148]: Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
02/01/2018	032		ISS_LIS_SC_V1.0_20180201_NQC_06168.hdf	Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
02/06/2018	037		ISS_LIS_SC_V1.0_20180206_NQC_06233.hdf ISS_LIS_SC_V1.0_20180206_NQC_06239.hdf ISS_LIS_SC_V1.0_20180206_NQC_06248.hdf	Keep. These files have 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
02/07/2018	038		ISS_LIS_SC_V1.0_20180207_NQC_06263.hdf	[Orbit 6263]: Keep. This is a partial good file, since the flags were set keep.
02/09/2018	040		ISS_LIS_SC_V1.0_20180209_NQC_06286.hdf ISS_LIS_SC_V1.0_20180209_NQC_06287.hdf	Keep. These are partial good files, since the flags were set keep.
02/10/2018	041		ISS_LIS_SC_V1.0_20180210_NQC_06310.hdf	Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
02/11/2018	042		ISS_LIS_SC_V1.0_20180211_NQC_06312.hdf	Keep. This is a partial good file, since the flags were set keep.
02/12/2018	043		ISS_LIS_SC_V1.0_20180212_NQC_06336.hdf	Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
02/13/2018	044			The following orbits are missing 06347 through 6354. These were not generated by the processing algorithm for what ever reason.
02/14/2018	045		ISS_LIS_SC_V1.0_20180214_NQC_06370.hdf	Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.

02/15/2018	046		ISS_LIS_SC_V1.0_20180215_NQC_06372.hdf ISS_LIS_SC_V1.0_20180215_NQC_06376.hdf ISS_LIS_SC_V1.0_20180215_NQC_06385.hdf	[Orbit 6372]: Keep. This is a partial good file, since the flags were set keep. [Orbits 6376 and 6385]: Keep. These files have 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
02/16/2018	047		ISS_LIS_SC_V1.0_20180216_NQC_06390.hdf ISS_LIS_SC_V1.0_20180216_NQC_06393.hdf	Keep. These files have 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
02/17/2018	048		ISS_LIS_SC_V1.0_20180217_NQC_06403.hdf ISS_LIS_SC_V1.0_20180217_NQC_06404.hdf ISS_LIS_SC_V1.0_20180217_NQC_06416.hdf	[Orbits 6403 and 6404]: Keep. These are partial good files, since the flags were set keep. [Orbit 6416]: Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
02/18/2018	049		ISS_LIS_SC_V1.0_20180218_NQC_06431.hdf	Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
02/19/2018	050	ISS_LIS_SC_V1.0_20180219_NQC_06447.hdf ISS_LIS_SC_V1.0_20180219_NQC_06448.hdf		Delete. The LIS was not operating properly resulting in lot of noise in the data. The first and last files of this group may have useful data if the noise could be filtered out. Flags were set during noisy period.
02/20/2018	051		ISS_LIS_SC_V1.0_20180220_NQC_06461.hdf ISS_LIS_SC_V1.0_20180220_NQC_06463.hdf	[Orbit 6461]: Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon. [Orbit 6463]: Keep. This is a partial good file, since the flags were set keep.
02/21/2018	052		ISS_LIS_SC_V1.0_20180221_NQC_06472.hdf	Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
02/22/2018	053		ISS_LIS_SC_V1.0_20180222_NQC_06494.hdf	Keep. This is a partial good file, since the flags were set keep.
02/25/2018	056		ISS_LIS_SC_V1.0_20180225_NQC_06531.hdf ISS_LIS_SC_V1.0_20180225_NQC_06532.hdf	Keep. These are partial good files, since the flags were set keep.
02/27/2018	058		ISS_LIS_SC_V1.0_20180227_NQC_06571.hdf	Keep. This is a partial good file, since the flags were set keep.
02/28/2018	059		ISS_LIS_SC_V1.0_20180228_NQC_06577.hdf	Keep. This is a partial good file, since the flags were set keep.
03/01/2018	060		ISS_LIS_SC_V1.0_20180301_NQC_06592.hdf	Keep. This is a partial good file, since the flags were set keep.
03/03/2018	062		ISS_LIS_SC_V1.0_20180303_NQC_06622.hdf	Keep. This is a partial good file, since the flags were set keep.
03/04/2018	063		ISS_LIS_SC_V1.0_20180304_NQC_06637.hdf ISS_LIS_SC_V1.0_20180304_NQC_06647.hdf	Keep. These are partial good files, since the flags were set keep.
03/07/2018	066		ISS_LIS_SC_V1.0_20180307_NQC_06683.hdf	Keep. This is a partial good file, since the flags were set keep.
03/09/2018	068		ISS_LIS_SC_V1.0_20180309_NQC_06715.hdf	Keep. This is a partial good file, since the flags were set keep.
03/13/2018	072		ISS_LIS_SC_V1.0_20180313_NQC_06783.hdf	Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
03/14/2018	073		ISS_LIS_SC_V1.0_20180314_NQC_06800.hdf	Keep. This is a partial good file, since the flags were set keep.
03/16/2018	075		ISS_LIS_SC_V1.0_20180316_NQC_06831.hdf ISS_LIS_SC_V1.0_20180316_NQC_06832.hdf	Keep. These are partial good files, since the flags were set keep.
03/17/2018	076		ISS_LIS_SC_V1.0_20180317_NQC_06846.hdf	Keep. This is a partial good file, since the flags were set keep.
03/22/2018	081		ISS_LIS_SC_V1.0_20180322_NQC_06919.hdf	Keep. This is a partial good file, since the flags were set keep.
03/23/2018	082		ISS_LIS_SC_V1.0_20180323_NQC_06937.hdf	Keep. This is a partial good file, since the flags were set keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate).
03/24/2018	083		ISS_LIS_SC_V1.0_20180324_NQC_06952.hdf ISS_LIS_SC_V1.0_20180324_NQC_06961.hdf	[Orbit 6952]: Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate). [Orbit 6961]: Keep. This is a partial good file, since the flags were set keep.
03/26/2018	085		ISS_LIS_SC_V1.0_20180326_NQC_06988.hdf ISS_LIS_SC_V1.0_20180326_NQC_06989.hdf	[Orbit 6988]: Keep. This is a partial good file, since the flags were set keep. This file is longer than 1 orbit. [Orbit 6989]: Keep. This is a partial good file, since the flags were set keep. This file is shorter than 1 orbit (some content in previous file).

03/28/2018	087		ISS_LIS_SC_V1.0_20180328_NQC_07012.hdf ISS_LIS_SC_V1.0_20180328_NQC_07014.hdf ISS_LIS_SC_V1.0_20180328_NQC_07015.hdf ISS_LIS_SC_V1.0_20180328_NQC_07017.hdf ISS_LIS_SC_V1.0_20180328_NQC_07018.hdf	[Orbit 7012]: Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon. [Orbit 7014]: Keep. This file is a partial good file, since the flags were set keep. [Orbit 7015]: Keep. This file is a partial good file, since the flags were set keep. AND Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon. [Orbits 7017 and 7018]: Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate).
03/30/2018	089		ISS_LIS_SC_V1.0_20180330_NQC_07051.hdf	Keep. This file is a partial good file, since the flags were set keep. AND
04/01/2018	091		ISS_LIS_SC_V1.0_20180401_NQC_07076.hdf	Keep. This is a partial good file, since the flags were set keep.
04/03/2018	093		ISS_LIS_SC_V1.0_20180403_NQC_07104.hdf	Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
04/04/2018	094		ISS_LIS_SC_V1.0_20180404_NQC_07128.hdf	Keep. This is a partial good file, since the flags were set keep.
04/06/2018	096		ISS_LIS_SC_V1.0_20180406_NQC_07158.hdf	Keep. This is a partial good file, since the flags were set keep.
04/07/2018	097		ISS_LIS_SC_V1.0_20180407_NQC_07171.hdf	Keep. This is a partial good file, since the flags were set keep.
04/09/2018	099		ISS_LIS_SC_V1.0_20180409_NQC_07204.hdf ISS_LIS_SC_V1.0_20180409_NQC_07205.hdf	Keep. These are partial good files, since the flags were set keep.
04/10/2018	100		ISS_LIS_SC_V1.0_20180410_NQC_07214.hdf	Keep. This is a partial good file, since the flags were set keep.
04/14/2018	104		ISS_LIS_SC_V1.0_20180414_NQC_07275.hdf ISS_LIS_SC_V1.0_20180414_NQC_07276.hdf	Keep. These are partial good files, since the flags were set keep.
04/16/2018	106		ISS_LIS_SC_V1.0_20180416_NQC_07305.hdf	Keep. This is a partial good file, since the flags were set keep.
04/17/2018	107		ISS_LIS_SC_V1.0_20180417_NQC_07330.hdf ISS_LIS_SC_V1.0_20180417_NQC_07331.hdf ISS_LIS_SC_V1.0_20180417_NQC_07333.hdf	[Orbit 7330]: Keep. This is a partial good file, since the flags were set keep. It is also longer than one orbit. [Orbit 7331]: Keep. This is a partial good file, since the flags were set keep. It is also shorter than one orbit, the data is in the previous file. [Orbit 7333]: Keep. This is a partial good file, since the flags were set keep..
04/18/2018	108		ISS_LIS_SC_V1.0_20180418_NQC_07339.hdf ISS_LIS_SC_V1.0_20180418_NQC_07340.hdf ISS_LIS_SC_V1.0_20180418_NQC_07341.hdf	[Orbit 7339]: Keep. This is a partial good file, since the flags were set keep. It is also shorter than one orbit-the missing data is in the next file. [Orbit 7340]: Keep. This file is longer than one orbit as it contains some data from the previous orbit. [Orbit 7341]: Keep. This is a partial good file, since the flags were set keep..
04/19/2018	109		ISS_LIS_SC_V1.0_20180419_NQC_07366.hdf	Keep. This is a partial good file, since the flags were set keep.
04/20/2018	110		ISS_LIS_SC_V1.0_20180420_NQC_07382.hdf	Keep. This is a partial good file, since the flags were set keep.
04/24/2018	114		ISS_LIS_SC_V1.0_20180424_NQC_07432.hdf ISS_LIS_SC_V1.0_20180424_NQC_07443.hdf	[Orbit 7432]: Keep. This is a partial good file, since the flags were set keep. [Orbit 7443]: Keep. This is a partial good file, since the flags were set keep. This file contains two orbits of data. Note: There is no orbit 7444 file, it's data is in the previous file.
04/25/2018	115		ISS_LIS_SC_V1.0_20180425_NQC_07445.hdf ISS_LIS_SC_V1.0_20180425_NQC_07446.hdf ISS_LIS_SC_V1.0_20180425_NQC_07447.hdf ISS_LIS_SC_V1.0_20180425_NQC_07448.hdf ISS_LIS_SC_V1.0_20180425_NQC_07449.hdf ISS_LIS_SC_V1.0_20180425_NQC_07459.hdf ISS_LIS_SC_V1.0_20180425_NQC_07460.hdf	[Orbits 7446, 7447, 7449, 7459]: Keep. This is a partial good file, since the flags were set keep. [Orbits 7445, 7448, 7460]: Keep. These files are partial good files, since the flags were set keep. AND These files have 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
04/26/2018	116		ISS_LIS_SC_V1.0_20180426_NQC_07461.hdf ISS_LIS_SC_V1.0_20180426_NQC_07476.hdf	Keep. These files have 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
04/27/2018	117		ISS_LIS_SC_V1.0_20180427_NQC_07489.hdf ISS_LIS_SC_V1.0_20180427_NQC_07490.hdf	Keep. These files are partial good files, since the flags were set keep.
04/28/2018	118		ISS_LIS_SC_V1.0_20180428_NQC_07504.hdf	Keep. This file is a partial good file, since the flags were set keep.
04/29/2018	119		ISS_LIS_SC_V1.0_20180429_NQC_07520.hdf ISS_LIS_SC_V1.0_20180429_NQC_07522.hdf	Keep. These files are partial good files, since the flags were set keep.

04/30/2018	120		ISS_LIS_SC_V1.0_20180430_NQC_07535.hdf ISS_LIS_SC_V1.0_20180430_NQC_07536.hdf ISS_LIS_SC_V1.0_20180430_NQC_07524.hdf	[Orbits 7535 and 7536]: Keep. These files are partial good files, since the flags were set keep. [Orbit 7524]: Keep. These files have 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
05/01/2018	121		ISS_LIS_SC_V1.0_20180501_NQC_07540.hdf	Keep. This is a partial good file, since the flags were set keep.
05/04/2018	124		ISS_LIS_SC_V1.0_20180504_NQC_07595.hdf ISS_LIS_SC_V1.0_20180504_NQC_07596.hdf	Keep. These are partial good files, since the flags were set keep.
05/05/2018	125		ISS_LIS_SC_V1.0_20180505_NQC_07603.hdf ISS_LIS_SC_V1.0_20180505_NQC_07604.hdf	Keep. These are partial good files, since the flags were set keep.
05/06/2018	126		ISS_LIS_SC_V1.0_20180506_NQC_07624.hdf	Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
05/07/2018	127		ISS_LIS_SC_V1.0_20180507_NQC_07640.hdf	Keep. This is a partial good file, since the flags were set keep.
05/09/2018	129		ISS_LIS_SC_V1.0_20180509_NQC_07672.hdf ISS_LIS_SC_V1.0_20180509_NQC_07673.hdf	Keep. These are partial good files, since the flags were set keep.
05/12/2018	132		ISS_LIS_SC_V1.0_20180512_NQC_07709.hdf ISS_LIS_SC_V1.0_20180512_NQC_07710.hdf ISS_LIS_SC_V1.0_20180512_NQC_07711.hdf ISS_LIS_SC_V1.0_20180512_NQC_07724.hdf	[Orbits 7709 and 7710]: Keep. geolocation suspect: Platform warning flag is set (attitude possible inaccurate) [Orbit 7711]: Keep. This is a partial good file, since the flags were set keep. [Orbit 7224]: Keep. This is a partial good file, since the flags were set keep. AND geolocation suspect: Platform warning flag is set (attitude possible inaccurate)
05/14/2018	134		ISS_LIS_SC_V1.0_20180514_NQC_07746.hdf	Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
05/18/2018	138		ISS_LIS_SC_V1.0_20180518_NQC_07816.hdf ISS_LIS_SC_V1.0_20180518_NQC_07817.hdf ISS_LIS_SC_V1.0_20180518_NQC_07818.hdf	Keep. geolocation suspect: Platform warning flag is set (attitude possible inaccurate)
05/20/2018	140	ISS_LIS_SC_V1.0_20180520_NQC_07836.hdf ISS_LIS_SC_V1.0_20180520_NQC_07837.hdf ISS_LIS_SC_V1.0_20180520_NQC_07838.hdf ISS_LIS_SC_V1.0_20180520_NQC_07839.hdf ISS_LIS_SC_V1.0_20180520_NQC_07840.hdf	ISS_LIS_SC_V1.0_20180520_NQC_07841.hdf ISS_LIS_SC_V1.0_20180520_NQC_07847.hdf	[Orbits 7836 - 7840]: Delete. The LIS was not operating properly resulting in lot of noise in the data. The first and last files of this group may have useful data if the noise could be filtered out. Flags were set during noisy period. [Orbits 7841, 7847]: Keep. These are partial good files, since the flags were set keep.
05/21/2018	141		ISS_LIS_SC_V1.0_20180521_NQC_07862.hdf	Keep. This is a partial good file, since the flags were set keep.
05/23/2018	143		ISS_LIS_SC_V1.0_20180523_NQC_07894.hdf	[Orbit 7894]: Keep. This is a partial good file, since the flags were set keep. This file has 3 orbits of data in it. [Orbits 7895 and 7896]: These orbit file were not generated. The contents are in the previous file.
05/24/2018	144		ISS_LIS_SC_V1.0_20180524_NQC_07907.hdf	Keep. This is a partial good file, since the flags were set keep.
05/25/2018	145		ISS_LIS_SC_V1.0_20180525_NQC_07920.hdf	Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
06/02/2018	153		ISS_LIS_SC_V1.0_20180602_NQC_08045.hdf	Keep. This is a partial good file, since the flags were set keep.
06/04/2018	155		ISS_LIS_SC_V1.0_20180604_NQC_08076.hdf	Keep. This is a partial good file, since the flags were set keep.
06/08/2018	159		ISS_LIS_SC_V1.0_20180608_NQC_08137.hdf	Keep. This is a partial good file, since the flags were set keep.
06/11/2018	162		ISS_LIS_SC_V1.0_20180611_NQC_08177.hdf ISS_LIS_SC_V1.0_20180611_NQC_08178.hdf	Keep. These are partial good files, since the flags were set keep.
06/20/2018	171		ISS_LIS_SC_V1.0_20180620_NQC_08321.hdf	Keep. This is a partial good file, since the flags were set keep.
06/23/2018	174		ISS_LIS_SC_V1.0_20180623_NQC_08366.hdf	Keep. This is a partial good file, since the flags were set keep.
06/25/2018	176		ISS_LIS_SC_V1.0_20180625_NQC_08398.hdf	Keep. This is a partial good file, since the flags were set keep.
06/29/2018	180		ISS_LIS_SC_V1.0_20180629_NQC_08465.hdf ISS_LIS_SC_V1.0_20180629_NQC_08466.hdf	Keep. These are partial good files, since the flags were set keep.
07/01/2018	182		ISS_LIS_SC_V1.0_20180701_NQC_08489.hdf	Keep. This is a partial good file, since the flags were set keep.
07/03/2018	184		ISS_LIS_SC_V1.0_20180703_NQC_08520.hdf	Keep. This is a partial good file, since the flags were set keep.
07/04/2018	185		ISS_LIS_SC_V1.0_20180704_NQC_08544.hdf	Keep. This is a partial good file, since the flags were set keep.
07/09/2018	190	ISS_LIS_SC_V1.0_20180709_NQC_08626.hdf	ISS_LIS_SC_V1.0_20180709_NQC_08612.hdf ISS_LIS_SC_V1.0_20180709_NQC_08613.hdf	[Orbits 8612 and 8613]: Keep. Geolocation of some lightning is questionable. Platform warning flag is set (attitude possible inaccurate). [Orbit 8626]: Delete. Geolocation of some lightning is questionable and excessive noise. Appropriate flags are set.

07/10/2018	191	ISS_LIS_SC_V1.0_20180710_NQC_08627.hdf ISS_LIS_SC_V1.0_20180710_NQC_08628.hdf ISS_LIS_SC_V1.0_20180710_NQC_08639.hdf ISS_LIS_SC_V1.0_20180710_NQC_08640.hdf	ISS_LIS_SC_V1.0_20180710_NQC_08642.hdf	[Orbits 8627, 8628, 8639, and 8640]: Delete. Geolocation of some lightning is questionable and excessive noise. Appropriate flags are set. [Orbit 8642]: Keep. This is a partial good file, since the flags were set keep.
07/11/2018	192		ISS_LIS_SC_V1.0_20180711_NQC_08644.hdf ISS_LIS_SC_V1.0_20180711_NQC_08653.hdf ISS_LIS_SC_V1.0_20180711_NQC_08654.hdf	[Orbit 8644]: Keep. Geolocation of some lightning is questionable. Platform warning flag is set (attitude possible inaccurate). [Orbits 8653 and 8654]: Keep. These are partial good files, since the flags were set keep.
07/13/2018	194		ISS_LIS_SC_V1.0_20180713_NQC_08682.hdf	Keep. This is a partial good file, since the flags were set keep.
07/15/2018	196		ISS_LIS_SC_V1.0_20180715_NQC_08713.hdf ISS_LIS_SC_V1.0_20180715_NQC_08714.hdf	Keep. These are partial good files, since the flags were set keep.
07/16/2018	197		ISS_LIS_SC_V1.0_20180716_NQC_08733.hdf	Keep. This is a partial good file, since the flags were set keep.
07/18/2018	199	ISS_LIS_SC_V1.0_20180718_NQC_08764.hdf	ISS_LIS_SC_V1.0_20180718_NQC_08763.hdf	[Orbit 8763]: Keep. This is a partial good file, since the flags were set keep. [Orbit 8764]: Delete. The LIS was not operating properly resulting in lot of noise in the data. The first and last files of this group may have useful data if the noise could be filtered out.
07/19/2018	200		ISS_LIS_SC_V1.0_20180719_NQC_08774.hdf ISS_LIS_SC_V1.0_20180719_NQC_08775.hdf	Keep. These are partial good files, since the flags were set keep.
07/21/2018	202		ISS_LIS_SC_V1.0_20180721_NQC_08805.hdf	Keep. File contains less than 1 orbit.
07/22/2018 - 07/25/2017	203-206			No orbits produced on these days orbit numbers from 8806-8883 missing. I don't know why.
07/26/2018	207	ISS_LIS_SC_V1.0_20180726_NQC_08877.hdf ISS_LIS_SC_V1.0_20180726_NQC_08878.hdf ISS_LIS_SC_V1.0_20180726_NQC_08879.hdf ISS_LIS_SC_V1.0_20180726_NQC_08880.hdf ISS_LIS_SC_V1.0_20180726_NQC_08881.hdf ISS_LIS_SC_V1.0_20180726_NQC_08882.hdf ISS_LIS_SC_V1.0_20180726_NQC_08883.hdf	ISS_LIS_SC_V1.0_20180726_NQC_08884.hdf	[Orbits 8877 - 8883]: Delete. These files contain no data. [Orbit 8884]: Keep. File contains less than 1 orbit.
07/27/2018	208	ISS_LIS_SC_V1.0_20180727_NQC_08906.hdf		There are lightning events but far too many missing packets. Delete. Ephemeris and attitude not available for most of orbit. Most of the orbit has missing data packets.
07/28/2018	209	ISS_LIS_SC_V1.0_20180728_NQC_08907.hdf ISS_LIS_SC_V1.0_20180728_NQC_08908.hdf ISS_LIS_SC_V1.0_20180728_NQC_08909.hdf ISS_LIS_SC_V1.0_20180728_NQC_08910.hdf ISS_LIS_SC_V1.0_20180728_NQC_08911.hdf ISS_LIS_SC_V1.0_20180728_NQC_08912.hdf ISS_LIS_SC_V1.0_20180728_NQC_08913.hdf ISS_LIS_SC_V1.0_20180728_NQC_08914.hdf ISS_LIS_SC_V1.0_20180728_NQC_08915.hdf ISS_LIS_SC_V1.0_20180728_NQC_08916.hdf ISS_LIS_SC_V1.0_20180728_NQC_08917.hdf ISS_LIS_SC_V1.0_20180728_NQC_08918.hdf ISS_LIS_SC_V1.0_20180728_NQC_08919.hdf ISS_LIS_SC_V1.0_20180728_NQC_08920.hdf ISS_LIS_SC_V1.0_20180728_NQC_08921.hdf ISS_LIS_SC_V1.0_20180728_NQC_08922.hdf		There are lightning events but far too many missing packets. Delete. Ephemeris and attitude not available for most of orbit. Most of the orbit has missing data packets.
07/29/2018	210	ISS_LIS_SC_V1.0_20180729_NQC_08923.hdf ISS_LIS_SC_V1.0_20180729_NQC_08924.hdf ISS_LIS_SC_V1.0_20180729_NQC_08925.hdf ISS_LIS_SC_V1.0_20180729_NQC_08926.hdf ISS_LIS_SC_V1.0_20180729_NQC_08927.hdf ISS_LIS_SC_V1.0_20180729_NQC_08928.hdf ISS_LIS_SC_V1.0_20180729_NQC_08929.hdf ISS_LIS_SC_V1.0_20180729_NQC_08930.hdf ISS_LIS_SC_V1.0_20180729_NQC_08931.hdf ISS_LIS_SC_V1.0_20180729_NQC_08932.hdf ISS_LIS_SC_V1.0_20180729_NQC_08933.hdf ISS_LIS_SC_V1.0_20180729_NQC_08934.hdf ISS_LIS_SC_V1.0_20180729_NQC_08935.hdf ISS_LIS_SC_V1.0_20180729_NQC_08936.hdf ISS_LIS_SC_V1.0_20180729_NQC_08937.hdf		There are lightning events but far too many missing packets. Delete. Ephemeris and attitude not available for most of orbit. Most of the orbit has missing data packets.
07/30/2018	211	ISS_LIS_SC_V1.0_20180730_NQC_08938.hdf ISS_LIS_SC_V1.0_20180730_NQC_08939.hdf ISS_LIS_SC_V1.0_20180730_NQC_08940.hdf ISS_LIS_SC_V1.0_20180730_NQC_08941.hdf ISS_LIS_SC_V1.0_20180730_NQC_08942.hdf ISS_LIS_SC_V1.0_20180730_NQC_08943.hdf ISS_LIS_SC_V1.0_20180730_NQC_08944.hdf ISS_LIS_SC_V1.0_20180730_NQC_08945.hdf ISS_LIS_SC_V1.0_20180730_NQC_08946.hdf ISS_LIS_SC_V1.0_20180730_NQC_08947.hdf ISS_LIS_SC_V1.0_20180730_NQC_08948.hdf		There are lightning events but far too many missing packets. Delete. Ephemeris and attitude not available for most of orbit. Most of the orbit has missing data packets.
07/31/2018	212		ISS_LIS_SC_V1.0_20180731_NQC_08957.hdf	Keep. This is a partial good file, since the flags were set keep.
08/02/2018	214		ISS_LIS_SC_V1.0_20180802_NQC_08988.hdf	Keep. This is a partial good file, since the flags were set keep.
08/07/2018	219		ISS_LIS_SC_V1.0_20180807_NQC_09069.hdf	Keep. This is a partial good file, since the flags were set keep.
08/08/2018	220		ISS_LIS_SC_V1.0_20180808_NQC_09079.hdf ISS_LIS_SC_V1.0_20180808_NQC_09086.hdf ISS_LIS_SC_V1.0_20180808_NQC_09092.hdf	Keep. These are partial good files, since the flags were set keep.
08/09/2018	221		ISS_LIS_SC_V1.0_20180809_NQC_09101.hdf	Keep. This is a partial good file, since the flags were set keep.

08/13/2018	225		ISS_LIS_SC_V1.0_20180813_NQC_09156.hdf	Keep. This is a partial good file, since the flags were set keep.
08/16/2018	228		ISS_LIS_SC_V1.0_20180816_NQC_09217.hdf	Keep. This is a partial good file, since the flags were set keep.
08/17/2018	229		ISS_LIS_SC_V1.0_20180817_NQC_09218.hdf	Keep. This is a partial good file, since the flags were set keep.
08/18/2018	230		ISS_LIS_SC_V1.0_20180818_NQC_09234.hdf	Keep. These files have 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
08/19/2018	231		ISS_LIS_SC_V1.0_20180819_NQC_09263.hdf	Keep. This is a partial good file, since the flags were set keep.
08/21/2018	233		ISS_LIS_SC_V1.0_20180821_NQC_09294.hdf	Keep. This is a partial good file, since the flags were set keep.
08/26/2018	238			File for orbit 09369 not generated. Not sure why.
08/30/2018	242		ISS_LIS_SC_V1.0_20180830_NQC_09424.hdf ISS_LIS_SC_V1.0_20180830_NQC_09430.hdf	[Orbit 9424]: This file contains 3 orbits of data: for orbit 09424, 09425, and 09426. Keep. Flags were set so keep. [Orbit 9430]: Keep. This is a partial good file, since the flags were set keep.
08/31/2018	243		ISS_LIS_SC_V1.0_20180831_NQC_09447.hdf	Keep. These files [sic] have 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
09/01/2018	244		ISS_LIS_SC_V1.0_20180901_NQC_09452.hdf	Keep. This is a partial good file, since the flags were set keep.
09/02/2018	245		ISS_LIS_SC_V1.0_20180902_NQC_09480.hdf	Keep. This is a partial good file, since the flags were set keep.
09/06/2018	249		ISS_LIS_SC_V1.0_20180906_NQC_09539.hdf	Keep. This is a partial good file, since the flags were set keep.
09/08/2018	251		ISS_LIS_SC_V1.0_20180908_NQC_09559.hdf	Keep. This is a partial good file, since the flags were set keep.
09/16/2018	259		ISS_LIS_SC_V1.0_20180916_NQC_09693.hdf	Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
09/18/2018	261		ISS_LIS_SC_V1.0_20180918_NQC_09724.hdf	Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
09/24/2018	267		ISS_LIS_SC_V1.0_20180924_NQC_09811.hdf ISS_LIS_SC_V1.0_20180924_NQC_09819.hdf	[Orbit 9811]: Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon. [Orbit 9819]: Keep. This is a partial good file, since the flags were set keep.
09/26/2018	269		ISS_LIS_SC_V1.0_20180926_NQC_09849.hdf	Keep. This is a partial good file, since the flags were set keep.
09/27/2018	270	ISS_LIS_SC_V1.0_20180927_NQC_09861.hdf ISS_LIS_SC_V1.0_20180927_NQC_09862.hdf	ISS_LIS_SC_V1.0_20180927_NQC_09858.hdf ISS_LIS_SC_V1.0_20180927_NQC_09859.hdf ISS_LIS_SC_V1.0_20180927_NQC_09865.hdf	[Orbits 9861 and 9862]: Delete. Files contain excessive noise that wasn't filtered out. There is some good lightning data in these files. [Orbits 9859, 9859, and 9865]: Keep. These are partial good files, since the flags were set keep.
10/02/2018	275		ISS_LIS_SC_V1.0_20181002_NQC_09943.hdf	Keep. This is a partial good file, since the flags were set keep.
10/04/2018	277		ISS_LIS_SC_V1.0_20181004_NQC_09971.hdf	Keep. This is a partial good file, since the flags were set keep.
10/07/2018	280		ISS_LIS_SC_V1.0_20181007_NQC_10016.hdf	Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
10/10/2018	283		ISS_LIS_SC_V1.0_20181010_NQC_10058.hdf ISS_LIS_SC_V1.0_20181010_NQC_10060.hdf	[Orbit 10058]: Keep. This is a partial good file, since the flags were set keep. [Orbit 10060]: Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
10/11/2018	284		ISS_LIS_SC_V1.0_20181011_NQC_10073.hdf	Keep. Geolocation of some lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate).
10/12/2018	285		ISS_LIS_SC_V1.0_20181012_NQC_10092.hdf ISS_LIS_SC_V1.0_20181012_NQC_10102.hdf	[Orbit 10092]: Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon. [Orbit 10102]: Keep. Geolocation of some lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate).
10/14/2018	287		ISS_LIS_SC_V1.0_20181014_NQC_10121.hdf	Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
10/17/2018	290		ISS_LIS_SC_V1.0_20181017_NQC_10180.hdf	Keep. This is a partial good file, since the flags were set keep.

10/19/2018	292		ISS_LIS_SC_V1.0_20181019_NQC_10211.hdf	Keep. This is a partial good file, since the flags were set keep.
10/20/2018	293		ISS_LIS_SC_V1.0_20181020_NQC_10216.hdf	Keep. This is a partial good file, since the flags were set keep.
10/22/2018	295		ISS_LIS_SC_V1.0_20181022_NQC_10254.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
10/23/2018	296		ISS_LIS_SC_V1.0_20181023_NQC_10272.hdf	Keep. This is a partial good file, since the flags were set keep.
10/24/2018	297		ISS_LIS_SC_V1.0_20181024_NQC_10287.hdf ISS_LIS_SC_V1.0_20181024_NQC_10275.hdf ISS_LIS_SC_V1.0_20181024_NQC_10289.hdf	[Orbit 10287]: Keep. This is a partial good file, since the flags were set keep. [Orbits 10275 and 10289]: Keep. These files have 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event, group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
10/25/2018	298		ISS_LIS_SC_V1.0_20181025_NQC_10290.hdf ISS_LIS_SC_V1.0_20181025_NQC_10302.hdf ISS_LIS_SC_V1.0_20181025_NQC_10303.hdf ISS_LIS_SC_V1.0_20181025_NQC_10305.hdf	[Orbits 10290, 10302, and 10303]: Keep. These are partial good files, since the flags were set keep. [Orbit 10305]: Keep. This file has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
10/27/2018	300		ISS_LIS_SC_V1.0_20181027_NQC_10322.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
10/29/2018	302		ISS_LIS_SC_V1.0_20181029_NQC_10363.hdf	Keep. This is a partial good file, since the flags were set keep.
11/01/2018	305		ISS_LIS_SC_V1.0_20181101_NQC_10401.hdf ISS_LIS_SC_V1.0_20181101_NQC_10403.hdf	[Orbit 10401]: Keep. This is a partial good file, since the flags were set keep. [Orbit 10403]: Keep. This file has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
11/04/2018	308		ISS_LIS_SC_V1.0_20181104_NQC_10455.hdf	Keep. This is a partial good file, since the flags were set keep.
11/06/2018	310		ISS_LIS_SC_V1.0_20181106_NQC_10486.hdf ISS_LIS_SC_V1.0_20181106_NQC_10488.hdf	[Orbit 10486]: Keep. This is a partial good file, since the flags were set keep. [Orbit 10488]: Keep. This file has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
11/07/2018	311	ISS_LIS_SC_V1.0_20181107_NQC_10502.hdf ISS_LIS_SC_V1.0_20181107_NQC_10507.hdf	ISS_LIS_SC_V1.0_20181107_NQC_10494.hdf ISS_LIS_SC_V1.0_20181107_NQC_10506.hdf	[Orbit 10494]: Keep. This is a partial good file, since the flags were set keep. [Orbit 10502]: Delete. File contains excessive noise that wasn't filtered out. There is some good lightning data in this file. [Orbit 10506]: Keep. File contains more than 1 orbits worth of data. The file also is partial good and the flags are set. [Orbit 10507]: Delete. Bad geolocation.
11/12/2018	316		ISS_LIS_SC_V1.0_20181112_NQC_10577.hdf	Keep. This is a partial good file, since the flags were set keep.
11/13/2018	317	ISS_LIS_SC_V1.0_20181113_NQC_10596.hdf	ISS_LIS_SC_V1.0_20181113_NQC_10595.hdf ISS_LIS_SC_V1.0_20181113_NQC_10597.hdf ISS_LIS_SC_V1.0_20181113_NQC_10594.hdf	[Orbits 10595 and 10597]: Keep. These are partial good files, since the flags were set keep. [Orbit 10596]: Delete. The ISS LIS was not operating. No unfiltered events were detected. The flags were set properly. [Orbit 10594]: Keep. This file has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
11/14/2018	318		ISS_LIS_SC_V1.0_20181114_NQC_10604.hdf ISS_LIS_SC_V1.0_20181114_NQC_10608.hdf ISS_LIS_SC_V1.0_20181114_NQC_10613.hdf	[Orbit 10604]: Keep. This file has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon. [Orbits 10608 and 10613]: Keep. These are partial good files, since the flags were set keep.
11/15/2018	319		ISS_LIS_SC_V1.0_20181115_NQC_10624.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
11/17/2018	321		ISS_LIS_SC_V1.0_20181117_NQC_10648.hdf ISS_LIS_SC_V1.0_20181117_NQC_10650.hdf ISS_LIS_SC_V1.0_20181117_NQC_10660.hdf	[Orbits 10648 and 10650]: Keep. These files have 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event, group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon. [Orbit 10660]: Keep. This is a partial good file, since the flags were set keep.

11/19/2018	323		ISS_LIS_SC_V1.0_20181119_NQC_10685.hdf	Keep. This is a partial good file, since the flags were set keep.
				[Orbits 10716, 10720, and 10722]: Keep. These are partial good files, since the flags were set keep. [Orbit 10723]: Keep. Portions of this file has questionable navigation. The lightning locations appear good. Flags are set so keep. [Orbit 10724]: Keep. This is a partial good file, since the flags were set keep. This file has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event, group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
11/21/2018	325		ISS_LIS_SC_V1.0_20181121_NQC_10716.hdf ISS_LIS_SC_V1.0_20181121_NQC_10720.hdf ISS_LIS_SC_V1.0_20181121_NQC_10722.hdf ISS_LIS_SC_V1.0_20181121_NQC_10723.hdf ISS_LIS_SC_V1.0_20181121_NQC_10724.hdf	
				[Orbit 10749]: Keep. This is a partial good file, since the flags were set keep. [Orbit 10747]: Keep. This file has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
11/23/2018	327		ISS_LIS_SC_V1.0_20181123_NQC_10747.hdf ISS_LIS_SC_V1.0_20181123_NQC_10749.hdf	
11/28/2018	332		ISS_LIS_SC_V1.0_20181128_NQC_10829.hdf	Keep. This is a partial good file, since the flags were set keep.
11/29/2018	333		ISS_LIS_SC_V1.0_20181129_NQC_10835.hdf	Keep. This is a partial good file, since the flags were set keep.
11/30/2018	334		ISS_LIS_SC_V1.0_20181130_NQC_10854.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
12/03/2018	337	ISS_LIS_SC_V1.0_20181203_NQC_10900.hdf ISS_LIS_SC_V1.0_20181203_NQC_10903.hdf		[Orbit 10900]: Delete. Geolocation is suspect due to suspect attitude information. This file has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event, group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon. [Orbit 10903]: Delete. Most lightning appears spurious probably from solar reflection that wasn't filtered out. Flags are set.
12/04/2018	338		ISS_LIS_SC_V1.0_20181204_NQC_10914.hdf	Keep. Portions of this file has questionable navigation. The lightning locations appear good. Flags are set so keep.
				[Orbit 10929]: Keep. This is a partial good file, since the flags were set keep. [Orbit 10932]: Keep. This file has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
12/05/2018	339		ISS_LIS_SC_V1.0_20181205_NQC_10929.hdf ISS_LIS_SC_V1.0_20181205_NQC_10932.hdf	
12/08/2018	342		ISS_LIS_SC_V1.0_20181208_NQC_10977.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
12/10/2018	344		ISS_LIS_SC_V1.0_20181210_NQC_11007.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
				[Orbit 11033]: Delete. File contains excessive noise that wasn't filtered out. (streak filter?) There may some good lightning data in this file. [Orbits 11023 and 11025]: Keep. These files have 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event, group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
12/11/2018	345	ISS_LIS_SC_V1.0_20181211_NQC_11033.hdf	ISS_LIS_SC_V1.0_20181211_NQC_11023.hdf ISS_LIS_SC_V1.0_20181211_NQC_11025.hdf	
				[Orbits 11075 and 10076]: Keep. These files have 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event, group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
12/14/2018	348		ISS_LIS_SC_V1.0_20181214_NQC_11075.hdf ISS_LIS_SC_V1.0_20181214_NQC_11076.hdf ISS_LIS_SC_V1.0_20181214_NQC_11082.hdf	[Orbit 11082]: Keep. This is a partial good file, since the flags were set keep.
				[Orbit 11083]: Keep. This is a partial good file, since the flags were set keep. [Orbits 11091 and 11096]: Keep. These files have 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event, group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
12/15/2018	349		ISS_LIS_SC_V1.0_20181215_NQC_11083.hdf ISS_LIS_SC_V1.0_20181215_NQC_11091.hdf ISS_LIS_SC_V1.0_20181215_NQC_11096.hdf	
				[Orbit 11099]: Keep. This file has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
12/16/2018	350		ISS_LIS_SC_V1.0_20181216_NQC_11099.hdf ISS_LIS_SC_V1.0_20181216_NQC_11113.hdf	[Orbit 11113]: Keep. This is a partial good file, since the flags were set keep.

12/17/2018	351		ISS_LIS_SC_V1.0_20181217_NQC_11115.hdf ISS_LIS_SC_V1.0_20181217_NQC_11123.hdf	Keep. These files have 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
12/18/2018	352		ISS_LIS_SC_V1.0_20181218_NQC_11132.hdf ISS_LIS_SC_V1.0_20181218_NQC_11137.hdf ISS_LIS_SC_V1.0_20181218_NQC_11138.hdf ISS_LIS_SC_V1.0_20181218_NQC_11144.hdf	[Orbits 11132, 11137, and 11138]: Keep. These files have 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon. [Orbit 11144]: Keep. This is a partial good file, since the flags were set keep.
12/20/2018	354		ISS_LIS_SC_V1.0_20181220_NQC_11172.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
12/21/2018	355			Files for orbits 11180-11188 were not generated for some reason.
12/22/2018	356		ISS_LIS_SC_V1.0_20181222_NQC_11197.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
12/24/2018	358		ISS_LIS_SC_V1.0_20181224_NQC_11223.hdf ISS_LIS_SC_V1.0_20181224_NQC_11224.hdf ISS_LIS_SC_V1.0_20181224_NQC_11229.hdf	[Orbit 11223]: Keep. This is a partial good file, since the flags were set keep. [Orbits 11224 and 11229]: Keep. These files have 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event, group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
12/25/2018	359		ISS_LIS_SC_V1.0_20181225_NQC_11241.hdf	Keep. This is a partial good file, since the flags were set keep.
12/26/2018	360		ISS_LIS_SC_V1.0_20181226_NQC_11259.hdf ISS_LIS_SC_V1.0_20181226_NQC_11263.hdf ISS_LIS_SC_V1.0_20181226_NQC_11265.hdf	[Orbits 11259 and 11263]: Keep. These files have 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event, group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon. [Orbit 11265]: Keep. This is a partial good file, since the flags were set keep.
12/27/2018	361		ISS_LIS_SC_V1.0_20181227_NQC_11278.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
12/28/2018	362		ISS_LIS_SC_V1.0_20181228_NQC_11288.hdf	Keep. Portions of this file has questionable navigation. The lightning locations appear reasonable. Flags are set so keep.
12/29/2018	363		ISS_LIS_SC_V1.0_20181229_NQC_11301.hdf ISS_LIS_SC_V1.0_20181229_NQC_11304.hdf	[Orbit 11301]: Keep. This file has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon. [Orbit 11304]: Keep. Portions of this file has questionable navigation. Flags are set so keep. This file has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
01/02/2019	002		ISS_LIS_SC_V1.0_20190102_NQC_11365.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
01/04/2019	004		ISS_LIS_SC_V1.0_20190104_NQC_11396.hdf ISS_LIS_SC_V1.0_20190104_NQC_11397.hdf ISS_LIS_SC_V1.0_20190104_NQC_11404.hdf	Keep. These files have 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
01/05/2019	005	ISS_LIS_SC_V1.0_20190105_NQC_11409.hdf ISS_LIS_SC_V1.0_20190105_NQC_11410.hdf ISS_LIS_SC_V1.0_20190105_NQC_11411.hdf ISS_LIS_SC_V1.0_20190105_NQC_11412.hdf ISS_LIS_SC_V1.0_20190105_NQC_11413.hdf	ISS_LIS_SC_V1.0_20190105_NQC_11417.hdf ISS_LIS_SC_V1.0_20190105_NQC_11418.hdf	[Orbits 11409 - 11413]: Delete. Files contain excessive noise that wasn't filtered out. [Orbits 11417 and 11418]: Keep. These are partial good files, since the flags were set keep.
01/06/2019	006		ISS_LIS_SC_V1.0_20190106_NQC_11428.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
01/08/2019	008		ISS_LIS_SC_V1.0_20190108_NQC_11470.hdf	Keep. This is a partial good file, since the flags were set keep.
01/09/2019	009		ISS_LIS_SC_V1.0_20190109_NQC_11474.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
01/10/2019	010		ISS_LIS_SC_V1.0_20190110_NQC_11489.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
01/12/2019	012	ISS_LIS_SC_V1.0_20190112_NQC_11525.hdf ISS_LIS_SC_V1.0_20190112_NQC_11526.hdf ISS_LIS_SC_V1.0_20190112_NQC_11527.hdf ISS_LIS_SC_V1.0_20190112_NQC_11528.hdf ISS_LIS_SC_V1.0_20190112_NQC_11529.hdf ISS_LIS_SC_V1.0_20190112_NQC_11530.hdf ISS_LIS_SC_V1.0_20190112_NQC_11531.hdf ISS_LIS_SC_V1.0_20190112_NQC_11532.hdf		Delete. Ephemeris and attitude not available for most of orbit. Most of the orbit has missing data packets.

01/25/2019	025	ISS_LIS_SC_V1.0_20190125_NQC_11726.hdf ISS_LIS_SC_V1.0_20190125_NQC_11727.hdf ISS_LIS_SC_V1.0_20190125_NQC_11720.hdf ISS_LIS_SC_V1.0_20190125_NQC_11721.hdf ISS_LIS_SC_V1.0_20190125_NQC_11722.hdf ISS_LIS_SC_V1.0_20190125_NQC_11723.hdf ISS_LIS_SC_V1.0_20190125_NQC_11724.hdf ISS_LIS_SC_V1.0_20190125_NQC_11725.hdf ISS_LIS_SC_V1.0_20190125_NQC_11728.hdf ISS_LIS_SC_V1.0_20190125_NQC_11729.hdf ISS_LIS_SC_V1.0_20190125_NQC_11730.hdf ISS_LIS_SC_V1.0_20190125_NQC_11731.hdf ISS_LIS_SC_V1.0_20190125_NQC_11732.hdf ISS_LIS_SC_V1.0_20190125_NQC_11733.hdf ISS_LIS_SC_V1.0_20190125_NQC_11734.hdf		[Orbits 11726 and 11727]: Delete. Ephemeris and attitude not available for most of orbit. Most of the orbit has missing data packets. AND Files contain excessive noise that wasn't filtered out. AND Geolocation is suspect due to suspect attitude information. [Other orbits listed]: Delete. Ephemeris and attitude not available for most of orbit. Most of the orbit has missing data packets.
01/26/2019	026	ISS_LIS_SC_V1.0_20190126_NQC_11735.hdf ISS_LIS_SC_V1.0_20190126_NQC_11736.hdf ISS_LIS_SC_V1.0_20190126_NQC_11737.hdf ISS_LIS_SC_V1.0_20190126_NQC_11738.hdf ISS_LIS_SC_V1.0_20190126_NQC_11739.hdf ISS_LIS_SC_V1.0_20190126_NQC_11740.hdf ISS_LIS_SC_V1.0_20190126_NQC_11741.hdf ISS_LIS_SC_V1.0_20190126_NQC_11742.hdf ISS_LIS_SC_V1.0_20190126_NQC_11743.hdf ISS_LIS_SC_V1.0_20190126_NQC_11744.hdf ISS_LIS_SC_V1.0_20190126_NQC_11745.hdf ISS_LIS_SC_V1.0_20190126_NQC_11746.hdf ISS_LIS_SC_V1.0_20190126_NQC_11747.hdf ISS_LIS_SC_V1.0_20190126_NQC_11748.hdf ISS_LIS_SC_V1.0_20190126_NQC_11749.hdf ISS_LIS_SC_V1.0_20190126_NQC_11750.hdf		Delete. Ephemeris and attitude not available for most of orbit. Most of the orbit has missing data packets.
01/27/2019	027	ISS_LIS_SC_V1.0_20190127_NQC_11751.hdf ISS_LIS_SC_V1.0_20190127_NQC_11752.hdf ISS_LIS_SC_V1.0_20190127_NQC_11753.hdf ISS_LIS_SC_V1.0_20190127_NQC_11754.hdf ISS_LIS_SC_V1.0_20190127_NQC_11755.hdf ISS_LIS_SC_V1.0_20190127_NQC_11756.hdf ISS_LIS_SC_V1.0_20190127_NQC_11757.hdf ISS_LIS_SC_V1.0_20190127_NQC_11758.hdf ISS_LIS_SC_V1.0_20190127_NQC_11759.hdf ISS_LIS_SC_V1.0_20190127_NQC_11760.hdf ISS_LIS_SC_V1.0_20190127_NQC_11761.hdf ISS_LIS_SC_V1.0_20190127_NQC_11762.hdf ISS_LIS_SC_V1.0_20190127_NQC_11763.hdf ISS_LIS_SC_V1.0_20190127_NQC_11764.hdf ISS_LIS_SC_V1.0_20190127_NQC_11765.hdf		Delete. Ephemeris and attitude not available for most of orbit. Most of the orbit has missing data packets.
01/28/2019	028	ISS_LIS_SC_V1.0_20190128_NQC_11766.hdf ISS_LIS_SC_V1.0_20190128_NQC_11767.hdf ISS_LIS_SC_V1.0_20190128_NQC_11768.hdf ISS_LIS_SC_V1.0_20190128_NQC_11769.hdf ISS_LIS_SC_V1.0_20190128_NQC_11770.hdf ISS_LIS_SC_V1.0_20190128_NQC_11771.hdf ISS_LIS_SC_V1.0_20190128_NQC_11772.hdf ISS_LIS_SC_V1.0_20190128_NQC_11773.hdf ISS_LIS_SC_V1.0_20190128_NQC_11774.hdf ISS_LIS_SC_V1.0_20190128_NQC_11775.hdf ISS_LIS_SC_V1.0_20190128_NQC_11776.hdf ISS_LIS_SC_V1.0_20190128_NQC_11777.hdf ISS_LIS_SC_V1.0_20190128_NQC_11778.hdf ISS_LIS_SC_V1.0_20190128_NQC_11779.hdf ISS_LIS_SC_V1.0_20190128_NQC_11780.hdf ISS_LIS_SC_V1.0_20190128_NQC_11781.hdf		Delete. Ephemeris and attitude not available for most of orbit. Most of the orbit has missing data packets.
01/29/2019	029	ISS_LIS_SC_V1.0_20190129_NQC_11782.hdf ISS_LIS_SC_V1.0_20190129_NQC_11783.hdf ISS_LIS_SC_V1.0_20190129_NQC_11784.hdf ISS_LIS_SC_V1.0_20190129_NQC_11785.hdf ISS_LIS_SC_V1.0_20190129_NQC_11786.hdf ISS_LIS_SC_V1.0_20190129_NQC_11787.hdf ISS_LIS_SC_V1.0_20190129_NQC_11788.hdf ISS_LIS_SC_V1.0_20190129_NQC_11789.hdf ISS_LIS_SC_V1.0_20190129_NQC_11790.hdf ISS_LIS_SC_V1.0_20190129_NQC_11791.hdf ISS_LIS_SC_V1.0_20190129_NQC_11792.hdf ISS_LIS_SC_V1.0_20190129_NQC_11793.hdf ISS_LIS_SC_V1.0_20190129_NQC_11794.hdf ISS_LIS_SC_V1.0_20190129_NQC_11795.hdf ISS_LIS_SC_V1.0_20190129_NQC_11796.hdf		Delete. Ephemeris and attitude not available for most of orbit. Most of the orbit has missing data packets.
01/30/2019	030	ISS_LIS_SC_V1.0_20190130_NQC_11797.hdf ISS_LIS_SC_V1.0_20190130_NQC_11798.hdf ISS_LIS_SC_V1.0_20190130_NQC_11799.hdf ISS_LIS_SC_V1.0_20190130_NQC_11800.hdf ISS_LIS_SC_V1.0_20190130_NQC_11801.hdf ISS_LIS_SC_V1.0_20190130_NQC_11802.hdf ISS_LIS_SC_V1.0_20190130_NQC_11803.hdf ISS_LIS_SC_V1.0_20190130_NQC_11804.hdf ISS_LIS_SC_V1.0_20190130_NQC_11805.hdf ISS_LIS_SC_V1.0_20190130_NQC_11806.hdf ISS_LIS_SC_V1.0_20190130_NQC_11807.hdf ISS_LIS_SC_V1.0_20190130_NQC_11808.hdf ISS_LIS_SC_V1.0_20190130_NQC_11809.hdf ISS_LIS_SC_V1.0_20190130_NQC_11810.hdf ISS_LIS_SC_V1.0_20190130_NQC_11811.hdf ISS_LIS_SC_V1.0_20190130_NQC_11812.hdf		Delete. Ephemeris and attitude not available for most of orbit. Most of the orbit has missing data packets.

01/31/2019	031	ISS_LIS_SC_V1.0_20190131_NQC_11822.hdf ISS_LIS_SC_V1.0_20190131_NQC_11823.hdf ISS_LIS_SC_V1.0_20190131_NQC_11824.hdf ISS_LIS_SC_V1.0_20190131_NQC_11813.hdf ISS_LIS_SC_V1.0_20190131_NQC_11814.hdf ISS_LIS_SC_V1.0_20190131_NQC_11815.hdf ISS_LIS_SC_V1.0_20190131_NQC_11816.hdf ISS_LIS_SC_V1.0_20190131_NQC_11817.hdf ISS_LIS_SC_V1.0_20190131_NQC_11818.hdf ISS_LIS_SC_V1.0_20190131_NQC_11819.hdf ISS_LIS_SC_V1.0_20190131_NQC_11820.hdf ISS_LIS_SC_V1.0_20190131_NQC_11821.hdf ISS_LIS_SC_V1.0_20190131_NQC_11824.hdf ISS_LIS_SC_V1.0_20190131_NQC_11825.hdf ISS_LIS_SC_V1.0_20190131_NQC_11826.hdf ISS_LIS_SC_V1.0_20190131_NQC_11827.hdf		[Orbits 11822, 11823, and 11824]: Delete. Ephemeris and attitude not available for most of orbit. Most of the orbit has missing data packets. AND Files contain excessive noise that wasn't filtered out. AND Geolocation is suspect due to suspect attitude information. [All other orbits listed]: Delete. Ephemeris and attitude not available for most of orbit. Most of the orbit has missing data packets.
02/01/2019	032	ISS_LIS_SC_V1.0_20190201_NQC_11828.hdf ISS_LIS_SC_V1.0_20190201_NQC_11829.hdf ISS_LIS_SC_V1.0_20190201_NQC_11830.hdf ISS_LIS_SC_V1.0_20190201_NQC_11831.hdf ISS_LIS_SC_V1.0_20190201_NQC_11832.hdf ISS_LIS_SC_V1.0_20190201_NQC_11833.hdf ISS_LIS_SC_V1.0_20190201_NQC_11834.hdf ISS_LIS_SC_V1.0_20190201_NQC_11835.hdf ISS_LIS_SC_V1.0_20190201_NQC_11836.hdf ISS_LIS_SC_V1.0_20190201_NQC_11837.hdf ISS_LIS_SC_V1.0_20190201_NQC_11838.hdf ISS_LIS_SC_V1.0_20190201_NQC_11839.hdf		Delete. Ephemeris and attitude not available for most of orbit. Most of the orbit has missing data packets.
02/03/2019	034		ISS_LIS_SC_V1.0_20190203_NQC_11863.hdf ISS_LIS_SC_V1.0_20190203_NQC_11874.hdf	Keep. These files have 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
02/05/2019	036		ISS_LIS_SC_V1.0_20190205_NQC_11897.hdf	Keep. This is a partial good file, since the flags were set keep.
02/06/2019	037		ISS_LIS_SC_V1.0_20190206_NQC_11911.hdf ISS_LIS_SC_V1.0_20190206_NQC_11916.hdf	Keep. These files have 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
02/07/2019	038		ISS_LIS_SC_V1.0_20190207_NQC_11922.hdf ISS_LIS_SC_V1.0_20190207_NQC_11931.hdf	[Orbit 11922]: Keep. This is a partial good file, since the flags were set keep. [Orbit 11931]: Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
02/09/2019	040		ISS_LIS_SC_V1.0_20190209_NQC_11959.hdf ISS_LIS_SC_V1.0_20190209_NQC_11967.hdf	[Orbit 11959]: Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon. [Orbit 11967]: Keep. This is a partial good file, since the flags were set keep.
02/10/2019	041		ISS_LIS_SC_V1.0_20190210_NQC_11977.hdf ISS_LIS_SC_V1.0_20190210_NQC_11983.hdf	[Orbit 11977]: Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon. [Orbit 11983]: Keep. This is a partial good file, since the flags were set keep.
02/11/2019	042		ISS_LIS_SC_V1.0_20190211_NQC_11985.hdf	Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
02/13/2019	044		ISS_LIS_SC_V1.0_20190213_NQC_12019.hdf ISS_LIS_SC_V1.0_20190213_NQC_12027.hdf	Keep. These files have 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
02/14/2019	045		ISS_LIS_SC_V1.0_20190214_NQC_12036.hdf	Keep. This is a partial good file, since the flags were set keep.
02/18/2019	049		ISS_LIS_SC_V1.0_20190218_NQC_12096.hdf	Keep. This is a partial good file, since the flags were set keep.
02/20/2019	051		ISS_LIS_SC_V1.0_20190220_NQC_12124.hdf	Keep. This is a partial good file, since the flags were set keep.
02/23/2019	054		ISS_LIS_SC_V1.0_20190223_NQC_12183.hdf	Keep. This is a partial good file, since the flags were set keep.
02/24/2019	055		ISS_LIS_SC_V1.0_20190224_NQC_12198.hdf	Keep. This is a partial good file, since the flags were set keep.
02/25/2019	056		ISS_LIS_SC_V1.0_20190225_NQC_12213.hdf ISS_LIS_SC_V1.0_20190225_NQC_12214.hdf	Keep. These are partial good files, since the flags were set keep.
02/28/2019	059		ISS_LIS_SC_V1.0_20190228_NQC_12249.hdf	Keep. This is a partial good file, since the flags were set keep.
03/01/2019	060		ISS_LIS_SC_V1.0_20190301_NQC_12265.hdf	Keep. This is a partial good file, since the flags were set keep.
03/03/2019	062		ISS_LIS_SC_V1.0_20190303_NQC_12304.hdf	Keep. This is a partial good file, since the flags were set keep.
03/04/2019	063		ISS_LIS_SC_V1.0_20190304_NQC_12321.hdf	Keep. This is a partial good file, since the flags were set keep.
03/05/2019	064		ISS_LIS_SC_V1.0_20190305_NQC_12330.hdf	Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.

03/06/2019	065		ISS_LIS_SC_V1.0_20190306_NQC_12351.hdf ISS_LIS_SC_V1.0_20190306_NQC_12352.hdf ISS_LIS_SC_V1.0_20190306_NQC_12353.hdf	Keep. These are partial good files, since the flags were set keep.
03/07/2019	066		ISS_LIS_SC_V1.0_20190307_NQC_12359.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
03/08/2019	067		ISS_LIS_SC_V1.0_20190308_NQC_12383.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
03/11/2019	070		ISS_LIS_SC_V1.0_20190311_NQC_12428.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
03/12/2019	071		ISS_LIS_SC_V1.0_20190312_NQC_12446.hdf ISS_LIS_SC_V1.0_20190312_NQC_12447.hdf ISS_LIS_SC_V1.0_20190312_NQC_12448.hdf ISS_LIS_SC_V1.0_20190312_NQC_12449.hdf	Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate).
03/13/2019	072		ISS_LIS_SC_V1.0_20190313_NQC_12450.hdf	Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate).
03/14/2019	073		ISS_LIS_SC_V1.0_20190314_NQC_12466.hdf ISS_LIS_SC_V1.0_20190314_NQC_12467.hdf ISS_LIS_SC_V1.0_20190314_NQC_12473.hdf ISS_LIS_SC_V1.0_20190314_NQC_12475.hdf	[Orbits 12466 and 12467]: Keep. These files have 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event, group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon. [Orbit 12473]: Keep. This is a partial good file, since the flags were set keep. [Orbit 12475]: Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate).
03/15/2019	074		ISS_LIS_SC_V1.0_20190315_NQC_12488.hdf	Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate).
03/16/2019	075		ISS_LIS_SC_V1.0_20190316_NQC_12509.hdf	Keep. This is a partial good file, since the flags were set keep. AND This file has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
03/17/2019	076		ISS_LIS_SC_V1.0_20190317_NQC_12519.hdf	Keep. This is a partial good file, since the flags were set keep.
03/18/2019	077		ISS_LIS_SC_V1.0_20190318_NQC_12529.hdf ISS_LIS_SC_V1.0_20190318_NQC_12534.hdf ISS_LIS_SC_V1.0_20190318_NQC_12537.hdf ISS_LIS_SC_V1.0_20190318_NQC_12538.hdf ISS_LIS_SC_V1.0_20190318_NQC_12539.hdf ISS_LIS_SC_V1.0_20190318_NQC_12540.hdf ISS_LIS_SC_V1.0_20190318_NQC_12541.hdf ISS_LIS_SC_V1.0_20190318_NQC_12542.hdf	[Orbit 12529]: This file has 0 lightning events, groups,flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon. [Orbit 12534]: Keep. This is a partial good file, since the flags were set keep. [Orbits 12537 - 12542]: Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate).
03/19/2019	078		ISS_LIS_SC_V1.0_20190319_NQC_12543.hdf ISS_LIS_SC_V1.0_20190319_NQC_12555.hdf	[Orbit 12555]: Keep. This is a partial good file, since the flags were set keep. [Orbit 12543]: Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate).
03/21/2019	080		ISS_LIS_SC_V1.0_20190321_NQC_12585.hdf	Keep. This is a partial good file, since the flags were set keep.
03/22/2019	081		ISS_LIS_SC_V1.0_20190322_NQC_12600.hdf ISS_LIS_SC_V1.0_20190322_NQC_12601.hdf ISS_LIS_SC_V1.0_20190322_NQC_12602.hdf ISS_LIS_SC_V1.0_20190322_NQC_12603.hdf ISS_LIS_SC_V1.0_20190322_NQC_12604.hdf	Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate).
03/23/2019	082		ISS_LIS_SC_V1.0_20190323_NQC_12605.hdf ISS_LIS_SC_V1.0_20190323_NQC_12606.hdf ISS_LIS_SC_V1.0_20190323_NQC_12619.hdf	[Orbits 12605 and 12606]: Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate). [Orbit 12619]: Keep. This is a partial good file, since the flags were set keep.
03/24/2019	083		ISS_LIS_SC_V1.0_20190324_NQC_12626.hdf	Keep. This is a partial good file, since the flags were set keep.
03/25/2019	084		ISS_LIS_SC_V1.0_20190325_NQC_12649.hdf ISS_LIS_SC_V1.0_20190325_NQC_12650.hdf ISS_LIS_SC_V1.0_20190325_NQC_12651.hdf	Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate).

03/26/2019	085		ISS_LIS_SC_V1.0_20190326_NQC_12652.hdf ISS_LIS_SC_V1.0_20190326_NQC_12653.hdf ISS_LIS_SC_V1.0_20190326_NQC_12654.hdf ISS_LIS_SC_V1.0_20190326_NQC_12655.hdf ISS_LIS_SC_V1.0_20190326_NQC_12656.hdf	<p>[Orbits 12652 and 12653]: Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate). AND These files have 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.</p> <p>[Orbit 12654]: Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate). AND Contains less than 1 orbit worth of data AND Partial good file, flags are set.</p> <p>[Orbit 12655]: Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate). AND File contains more than 1 orbit (data from shorter prior orbit)</p> <p>[Orbit 12656]: Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate).</p>
03/29/2019	088		ISS_LIS_SC_V1.0_20190329_NQC_12702.hdf ISS_LIS_SC_V1.0_20190329_NQC_12712.hdf	<p>[Orbit 12702]: Keep. This is a partial good file, since the flags were set keep.</p> <p>[Orbit 12712]: This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.</p>
03/30/2019	089		ISS_LIS_SC_V1.0_20190330_NQC_12727.hdf	<p>This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.</p>
03/31/2019	090		ISS_LIS_SC_V1.0_20190331_NQC_12732.hdf ISS_LIS_SC_V1.0_20190331_NQC_12733.hdf ISS_LIS_SC_V1.0_20190331_NQC_12734.hdf	<p>Keep. These are partial good files, since the flags were set keep.</p>
04/02/2019	092	ISS_LIS_SC_V1.0_20190402_NQC_12769.hdf ISS_LIS_SC_V1.0_20190402_NQC_12770.hdf ISS_LIS_SC_V1.0_20190402_NQC_12771.hdf ISS_LIS_SC_V1.0_20190402_NQC_12772.hdf ISS_LIS_SC_V1.0_20190402_NQC_12773.hdf ISS_LIS_SC_V1.0_20190402_NQC_12774.hdf ISS_LIS_SC_V1.0_20190402_NQC_12775.hdf	ISS_LIS_SC_V1.0_20190402_NQC_12761.hdf	<p>[Orbit 12761]: Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.</p> <p>[Orbits 12769 - 12775]: Delete. Files contain excessive noise that wasn't filtered out. There is some good lightning data in these files.</p>
04/03/2019	093	ISS_LIS_SC_V1.0_20190403_NQC_12776.hdf ISS_LIS_SC_V1.0_20190403_NQC_12777.hdf ISS_LIS_SC_V1.0_20190403_NQC_12778.hdf ISS_LIS_SC_V1.0_20190403_NQC_12779.hdf ISS_LIS_SC_V1.0_20190403_NQC_12780.hdf ISS_LIS_SC_V1.0_20190403_NQC_12781.hdf ISS_LIS_SC_V1.0_20190403_NQC_12782.hdf ISS_LIS_SC_V1.0_20190403_NQC_12783.hdf ISS_LIS_SC_V1.0_20190403_NQC_12784.hdf		<p>Delete. Files contain excessive noise that wasn't filtered out. There is some good lightning data in these files.</p>
04/04/2019	094	ISS_LIS_SC_V1.0_20190404_NQC_12799.hdf ISS_LIS_SC_V1.0_20190404_NQC_12801.hdf	ISS_LIS_SC_V1.0_20190404_NQC_12793.hdf ISS_LIS_SC_V1.0_20190404_NQC_12794.hdf ISS_LIS_SC_V1.0_20190404_NQC_12800.hdf	<p>[Orbits 12799 and 12801]: Delete. Files contain excessive noise that wasn't filtered out. There is some good lightning data in these files.</p> <p>[Orbits 12793, 12794, and 12800]: Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate).</p>
04/05/2019	095	ISS_LIS_SC_V1.0_20190405_NQC_12818.hdf ISS_LIS_SC_V1.0_20190405_NQC_12819.hdf ISS_LIS_SC_V1.0_20190405_NQC_12821.hdf ISS_LIS_SC_V1.0_20190405_NQC_12822.hdf	ISS_LIS_SC_V1.0_20190405_NQC_12808.hdf	<p>[Orbit 12808]: Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate).</p> <p>[Orbits 12818, 12819, 12821, and 12822]: Delete. Files contain excessive noise that wasn't filtered out. There is some good lightning data in these files.</p>
04/07/2019	097		ISS_LIS_SC_V1.0_20190407_NQC_12845.hdf	<p>Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.</p>
04/08/2019	098	ISS_LIS_SC_V1.0_20190408_NQC_12860.hdf ISS_LIS_SC_V1.0_20190408_NQC_12861.hdf ISS_LIS_SC_V1.0_20190408_NQC_12862.hdf ISS_LIS_SC_V1.0_20190408_NQC_12863.hdf ISS_LIS_SC_V1.0_20190408_NQC_12864.hdf	ISS_LIS_SC_V1.0_20190408_NQC_12865.hdf	<p>[Orbit 12860]: Delete. Files contain excessive noise that wasn't filtered out. There is some good lightning data in these files.</p> <p>[Orbits 12861 - 12864]: Delete. The ISS LIS was not operating. No unfiltered events were detected. The flags were set properly.</p> <p>[Orbit 12865]: Keep. This is a partial good file, since the flags were set keep.</p>
04/09/2019	099		ISS_LIS_SC_V1.0_20190409_NQC_12883.hdf	<p>Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.</p>
04/10/2019	100		ISS_LIS_SC_V1.0_20190410_NQC_12900.hdf	<p>Keep. This is a partial good file, since the flags were set keep.</p>
04/12/2019	102		ISS_LIS_SC_V1.0_20190412_NQC_12929.hdf	<p>Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.</p>

04/13/2019	103		ISS_LIS_SC_V1.0_20190413_NQC_12938.hdf ISS_LIS_SC_V1.0_20190413_NQC_12943.hdf ISS_LIS_SC_V1.0_20190413_NQC_12944.hdf ISS_LIS_SC_V1.0_20190413_NQC_12946.hdf	Keep. These are partial good files, since the flags were set keep.
04/14/2019	104		ISS_LIS_SC_V1.0_20190414_NQC_12950.hdf ISS_LIS_SC_V1.0_20190414_NQC_12962.hdf	Keep. These are partial good files, since the flags were set keep.
04/15/2019	105		ISS_LIS_SC_V1.0_20190415_NQC_12963.hdf	Keep. This is a partial good file, since the flags were set keep.
04/16/2019	106		ISS_LIS_SC_V1.0_20190416_NQC_12992.hdf	Keep. This is a partial good file, since the flags were set keep.
04/20/2019	110		ISS_LIS_SC_V1.0_20190420_NQC_13054.hdf	Keep. This is a partial good file, since the flags were set keep.
04/23/2019	113		ISS_LIS_SC_V1.0_20190423_NQC_13088.hdf ISS_LIS_SC_V1.0_20190423_NQC_13090.hdf	[Orbit 13088]: Keep. This file has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon. [Orbit 13090]: Keep. This is a partial good file, since the flags were set keep.
04/26/2019	116		ISS_LIS_SC_V1.0_20190426_NQC_13143.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
04/27/2019	117		ISS_LIS_SC_V1.0_20190427_NQC_13151.hdf	Keep. This is a partial good file, since the flags were set keep.
04/29/2019	119		ISS_LIS_SC_V1.0_20190429_NQC_13189.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
04/30/2019	120		ISS_LIS_SC_V1.0_20190430_NQC_13196.hdf ISS_LIS_SC_V1.0_20190430_NQC_13203.hdf ISS_LIS_SC_V1.0_20190430_NQC_13204.hdf	[Orbit 13196]: Keep. This is a partial good file, since the flags were set keep. [Orbits 13202 and 13204]: Keep. These files have 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event, group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
05/03/2019	123		ISS_LIS_SC_V1.0_20190503_NQC_13255.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
05/04/2019	124		ISS_LIS_SC_V1.0_20190504_NQC_13268.hdf	Keep. This is a partial good file, since the flags were set keep.
05/08/2019	128		ISS_LIS_SC_V1.0_20190508_NQC_13328.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
05/09/2019	129		ISS_LIS_SC_V1.0_20190509_NQC_13346.hdf	Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate).
05/10/2019	130		ISS_LIS_SC_V1.0_20190510_NQC_13358.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
05/13/2019	133		ISS_LIS_SC_V1.0_20190513_NQC_13406.hdf	Keep. This is a partial good file, since the flags were set keep.
05/15/2019	135		ISS_LIS_SC_V1.0_20190515_NQC_13442.hdf	Keep. This is a partial good file, since the flags were set keep.
05/16/2019	136		ISS_LIS_SC_V1.0_20190516_NQC_13452.hdf	Keep. This is a partial good file, since the flags were set keep.
05/17/2019	137		ISS_LIS_SC_V1.0_20190517_NQC_13464.hdf ISS_LIS_SC_V1.0_20190517_NQC_13473.hdf	[Orbit 13473]: Keep. This is a partial good file, since the flags were set keep. [Orbit 13464]: Keep. This file has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
05/18/2019	138		ISS_LIS_SC_V1.0_20190518_NQC_13483.hdf	Keep. This is a partial good file, since the flags were set keep.
05/22/2019	142		ISS_LIS_SC_V1.0_20190522_NQC_13540.hdf ISS_LIS_SC_V1.0_20190522_NQC_13544.hdf ISS_LIS_SC_V1.0_20190522_NQC_13551.hdf ISS_LIS_SC_V1.0_20190522_NQC_13552.hdf	Keep. These are partial good files, since the flags were set keep.
05/26/2019	146		ISS_LIS_SC_V1.0_20190526_NQC_13611.hdf	Keep. This is a partial good file, since the flags were set keep.
05/27/2019	147		ISS_LIS_SC_V1.0_20190527_NQC_13620.hdf	Keep. This is a partial good file, since the flags were set keep.
05/29/2019	149		ISS_LIS_SC_V1.0_20190529_NQC_13649.hdf ISS_LIS_SC_V1.0_20190529_NQC_13650.hdf	Keep. These are partial good files, since the flags were set keep.
05/30/2019	150		ISS_LIS_SC_V1.0_20190530_NQC_13666.hdf	Keep. This is a partial good file, since the flags were set keep.
06/01/2019	152		ISS_LIS_SC_V1.0_20190601_NQC_13696.hdf ISS_LIS_SC_V1.0_20190601_NQC_13697.hdf	Keep. These are partial good files, since the flags were set keep.
06/05/2019	156		ISS_LIS_SC_V1.0_20190605_NQC_13757.hdf ISS_LIS_SC_V1.0_20190605_NQC_13758.hdf ISS_LIS_SC_V1.0_20190605_NQC_13764.hdf	Keep. These are partial good files, since the flags were set keep.
06/13/2019	164		ISS_LIS_SC_V1.0_20190613_NQC_13895.hdf	Keep. This is a partial good file, since the flags were set keep.
06/16/2019	167		ISS_LIS_SC_V1.0_20190616_NQC_13940.hdf	Keep. This is a partial good file, since the flags were set keep.

06/18/2019	169		ISS_LIS_SC_V1.0_20190618_NQC_13962.hdf ISS_LIS_SC_V1.0_20190618_NQC_13971.hdf	Keep. These are partial good files, since the flags were set keep.
06/19/2019	170		ISS_LIS_SC_V1.0_20190619_NQC_13986.hdf	Keep. This is a partial good file, since the flags were set keep.
06/22/2019	173		ISS_LIS_SC_V1.0_20190622_NQC_14032.hdf	Keep. This is a partial good file, since the flags were set keep.
06/24/2019	175	ISS_LIS_SC_V1.0_20190624_NQC_14065.hdf		Delete. File contains excessive noise that wasn't filtered out. AND Geolocation of lightning activity is questionable.
06/26/2019	177		ISS_LIS_SC_V1.0_20190626_NQC_14094.hdf	Keep. This is a partial good file, since the flags were set keep.
06/27/2019	178		ISS_LIS_SC_V1.0_20190627_NQC_14109.hdf	Keep. This is a partial good file, since the flags were set keep.
07/02/2019	183		ISS_LIS_SC_V1.0_20190702_NQC_14176.hdf	Keep. This is a partial good file, since the flags were set keep.
07/04/2019	185		ISS_LIS_SC_V1.0_20190704_NQC_14206.hdf	Keep. This is a partial good file, since the flags were set keep.
07/06/2019	187		ISS_LIS_SC_V1.0_20190706_NQC_14244.hdf ISS_LIS_SC_V1.0_20190706_NQC_14252.hdf	[Orbit 14244]: Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon. [Orbit 14252]: Keep. This is a partial good file, since the flags were set keep.
07/08/2019	189		ISS_LIS_SC_V1.0_20190708_NQC_14282.hdf	Keep. This is a partial good file, since the flags were set keep.
07/12/2019	193		ISS_LIS_SC_V1.0_20190712_NQC_14345.hdf	Keep. This is a partial good file, since the flags were set keep.
07/14/2019	195	ISS_LIS_SC_V1.0_20190714_NQC_14370.hdf ISS_LIS_SC_V1.0_20190714_NQC_14371.hdf ISS_LIS_SC_V1.0_20190714_NQC_14372.hdf ISS_LIS_SC_V1.0_20190714_NQC_14373.hdf	ISS_LIS_SC_V1.0_20190714_NQC_14363.hdf	[Orbit 14363]: Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate). [Orbits 14370 - 14373]: Delete. Files contain excessive noise that wasn't filtered out. There is some good lightning data in these files.
07/22/2019	203		ISS_LIS_SC_V1.0_20190722_NQC_14486.hdf	Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate).
07/23/2019	204		ISS_LIS_SC_V1.0_20190723_NQC_14503.hdf	Keep. This is a partial good file, since the flags were set keep.
07/25/2019	206		ISS_LIS_SC_V1.0_20190725_NQC_14537.hdf	Keep. This is a partial good file, since the flags were set keep.
07/28/2019	209		ISS_LIS_SC_V1.0_20190728_NQC_14583.hdf	Keep. This is a partial good file, since the flags were set keep.
07/29/2019	210	ISS_LIS_SC_V1.0_20190729_NQC_14607.hdf ISS_LIS_SC_V1.0_20190729_NQC_14608.hdf ISS_LIS_SC_V1.0_20190729_NQC_14609.hdf ISS_LIS_SC_V1.0_20190729_NQC_14610.hdf	ISS_LIS_SC_V1.0_20190729_NQC_14601.hdf	[Orbit 14601]: Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate). [Orbits 14607 - 14610]: Delete. Files contain excessive noise that wasn't filtered out. Files may contain some good data.
07/31/2019	212		ISS_LIS_SC_V1.0_20190731_NQC_14629.hdf ISS_LIS_SC_V1.0_20190731_NQC_14635.hdf	[Orbit 14629]: Keep. This is a partial good file, since the flags were set keep. AND Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate). [Orbit 14635]: Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate).
08/01/2019	213		ISS_LIS_SC_V1.0_20190801_NQC_14643.hdf	Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate).
08/02/2019	214		ISS_LIS_SC_V1.0_20190802_NQC_14665.hdf	Keep. This is a partial good file, since the flags were set keep.
08/03/2019	215		ISS_LIS_SC_V1.0_20190803_NQC_14680.hdf	Keep. This is a partial good file, since the flags were set keep.
08/06/2019	218		ISS_LIS_SC_V1.0_20190806_NQC_14722.hdf	Keep. This is a partial good file, since the flags were set keep.
08/07/2019	219		ISS_LIS_SC_V1.0_20190807_NQC_14735.hdf ISS_LIS_SC_V1.0_20190807_NQC_14742.hdf	Keep. These are partial good files, since the flags were set keep.
08/09/2019	221	ISS_LIS_SC_V1.0_20190809_NQC_14767.hdf		Delete. File contains excessive noise that wasn't filtered out. There is some good lightning data in this file.
08/11/2019	223		ISS_LIS_SC_V1.0_20190811_NQC_14797.hdf	Keep. This is a partial good file, since the flags were set keep.
08/15/2019	227		ISS_LIS_SC_V1.0_20190815_NQC_14863.hdf ISS_LIS_SC_V1.0_20190815_NQC_14864.hdf	Keep. These are partial good files, since the flags were set keep.
08/16/2019	228		ISS_LIS_SC_V1.0_20190816_NQC_14885.hdf	Keep. This is a partial good file, since the flags were set keep.
08/20/2019	232		ISS_LIS_SC_V1.0_20190820_NQC_14938.hdf	Keep. This is a partial good file, since the flags were set keep.
08/21/2019	233		ISS_LIS_SC_V1.0_20190821_NQC_14952.hdf ISS_LIS_SC_V1.0_20190821_NQC_14955.hdf	[Orbit 14955]: Keep. This is a partial good file, since the flags were set keep. [Orbit 14952]: Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.

08/22/2019	234		ISS_LIS_SC_V1.0_20190822_NQC_14967.hdf ISS_LIS_SC_V1.0_20190822_NQC_14968.hdf ISS_LIS_SC_V1.0_20190822_NQC_14970.hdf ISS_LIS_SC_V1.0_20190822_NQC_14980.hdf	Keep. These are partial good files, since the flags were set keep.
08/23/2019	235		ISS_LIS_SC_V1.0_20190823_NQC_14985.hdf ISS_LIS_SC_V1.0_20190823_NQC_14987.hdf ISS_LIS_SC_V1.0_20190823_NQC_14986.hdf	[Orbits 14985 and 14987]: Keep. These are partial good files, since the flags were set keep. [Orbit 14986]: Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate).
08/24/2019	236	ISS_LIS_SC_V1.0_20190824_NQC_15000.hdf	ISS_LIS_SC_V1.0_20190824_NQC_14998.hdf ISS_LIS_SC_V1.0_20190824_NQC_15001.hdf ISS_LIS_SC_V1.0_20190824_NQC_15010.hdf	[Orbit 14998]: Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon. [Orbit 15000]: Delete. File contains excessive noise that wasn't filtered out. There is some good lightning data in this file. AND Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate). [Orbit 15001]: Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate). [Orbit 15010]: Keep. This is a partial good file, since the flags were set keep.
08/25/2019	237		ISS_LIS_SC_V1.0_20190825_NQC_15016.hdf	Keep. This is a partial good file, since the flags were set keep.
08/26/2019	238		ISS_LIS_SC_V1.0_20190826_NQC_15041.hdf ISS_LIS_SC_V1.0_20190826_NQC_15042.hdf ISS_LIS_SC_V1.0_20190826_NQC_15043.hdf	Keep. These are partial good files, since the flags were set keep.
08/27/2019	239	ISS_LIS_SC_V1.0_20190827_NQC_15048.hdf	ISS_LIS_SC_V1.0_20190827_NQC_15054.hdf	[Orbit 15048]: Delete. File contains excessive noise that wasn't filtered out. There is some good lightning data in this file. [Orbit 15054]: Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
08/31/2019	243		ISS_LIS_SC_V1.0_20190831_NQC_15108.hdf ISS_LIS_SC_V1.0_20190831_NQC_15109.hdf	Keep. These are partial good files, since the flags were set keep.
09/02/2019	245		ISS_LIS_SC_V1.0_20190902_NQC_15149.hdf	Keep. This is a partial good file, since the flags were set keep.
09/07/2019	250		ISS_LIS_SC_V1.0_20190907_NQC_15220.hdf	Keep. This is a partial good file, since the flags were set keep.
09/08/2019	251		ISS_LIS_SC_V1.0_20190908_NQC_15243.hdf	Keep. This is a partial good file, since the flags were set keep.
09/09/2019	252		ISS_LIS_SC_V1.0_20190909_NQC_15251.hdf ISS_LIS_SC_V1.0_20190909_NQC_15252.hdf ISS_LIS_SC_V1.0_20190909_NQC_15253.hdf	[Orbits 15251 and 15252]: Keep. These are partial good files, since the flags were set keep. [Orbit 15253]: Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
09/10/2019	253		ISS_LIS_SC_V1.0_20190910_NQC_15267.hdf	Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
09/11/2019	254		ISS_LIS_SC_V1.0_20190911_NQC_15286.hdf	Keep. This is a partial good file, since the flags were set keep.
09/15/2019	258		ISS_LIS_SC_V1.0_20190915_NQC_15345.hdf	Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
09/16/2019	259		ISS_LIS_SC_V1.0_20190916_NQC_15363.hdf	Keep. This is a partial good file, since the flags were set keep.
09/22/2019	265		ISS_LIS_SC_V1.0_20190922_NQC_15459.hdf	Keep. This is a partial good file, since the flags were set keep.
09/23/2019	266		ISS_LIS_SC_V1.0_20190923_NQC_15476.hdf	Keep. This is a partial good file, since the flags were set keep.
09/25/2019	268		ISS_LIS_SC_V1.0_20190925_NQC_15501.hdf	Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate).
09/26/2019	269		ISS_LIS_SC_V1.0_20190926_NQC_15516.hdf	Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate).
10/01/2019	274		ISS_LIS_SC_V1.0_20191001_NQC_15590.hdf ISS_LIS_SC_V1.0_20191001_NQC_15591.hdf	Keep. These are partial good files, since the flags were set keep.
10/03/2019	276		ISS_LIS_SC_V1.0_20191003_NQC_15625.hdf	Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate).
10/04/2019	277		ISS_LIS_SC_V1.0_20191004_NQC_15646.hdf	Keep. This is a partial good file, since the flags were set keep.
10/05/2019	278		ISS_LIS_SC_V1.0_20191005_NQC_15653.hdf	Keep. This is a partial good file, since the flags were set keep.
10/06/2019	279		ISS_LIS_SC_V1.0_20191006_NQC_15669.hdf	Keep. This is a partial good file, since the flags were set keep.

10/10/2019	283		ISS_LIS_SC_V1.0_20191010_NQC_15734.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
10/12/2019	285		ISS_LIS_SC_V1.0_20191012_NQC_15775.hdf	Keep. This is a partial good file, since the flags were set keep.
10/13/2019	286		ISS_LIS_SC_V1.0_20191013_NQC_15777.hdf ISS_LIS_SC_V1.0_20191013_NQC_15788.hdf	Keep. These files have 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
10/14/2019	287		ISS_LIS_SC_V1.0_20191014_NQC_15798.hdf ISS_LIS_SC_V1.0_20191014_NQC_15806.hdf	Keep. These are partial good files, since the flags were set keep.
10/15/2019	288		ISS_LIS_SC_V1.0_20191015_NQC_15821.hdf	Keep. This is a partial good file, since the flags were set keep.
10/16/2019	289		ISS_LIS_SC_V1.0_20191016_NQC_15836.hdf ISS_LIS_SC_V1.0_20191016_NQC_15837.hdf	Keep. These are partial good files, since the flags were set keep.
10/17/2019	290		ISS_LIS_SC_V1.0_20191017_NQC_15838.hdf ISS_LIS_SC_V1.0_20191017_NQC_15839.hdf	Keep. These files have 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
10/18/2019	291		ISS_LIS_SC_V1.0_20191018_NQC_15867.hdf	Keep. This is a partial good file, since the flags were set keep.
10/19/2019	292		ISS_LIS_SC_V1.0_20191019_NQC_15873.hdf	Keep. This is a partial good file, since the flags were set keep.
10/20/2019	293		ISS_LIS_SC_V1.0_20191020_NQC_15888.hdf ISS_LIS_SC_V1.0_20191020_NQC_15897.hdf ISS_LIS_SC_V1.0_20191020_NQC_15898.hdf	Keep. These are partial good files, since the flags were set keep.
10/21/2019	294		ISS_LIS_SC_V1.0_20191021_NQC_15912.hdf ISS_LIS_SC_V1.0_20191021_NQC_15913.hdf	Keep. These are partial good files, since the flags were set keep.
10/24/2019	297		ISS_LIS_SC_V1.0_20191024_NQC_15955.hdf	Keep. This is a partial good file, since the flags were set keep.
10/25/2019	298		ISS_LIS_SC_V1.0_20191025_NQC_15974.hdf	Keep. This is a partial good file, since the flags were set keep.
10/26/2019	299		ISS_LIS_SC_V1.0_20191026_NQC_15979.hdf	Keep. This is a partial good file, since the flags were set keep.
10/30/2019	303		ISS_LIS_SC_V1.0_20191030_NQC_16042.hdf	Keep. This is a partial good file, since the flags were set keep.
11/01/2019	305	ISS_LIS_SC_V1.0_20191101_NQC_16078.hdf ISS_LIS_SC_V1.0_20191101_NQC_16079.hdf ISS_LIS_SC_V1.0_20191101_NQC_16080.hdf ISS_LIS_SC_V1.0_20191101_NQC_16081.hdf ISS_LIS_SC_V1.0_20191101_NQC_16082.hdf		Delete. Files contain excessive noise that wasn't filtered out. There is some good lightning data in this file.
11/02/2019	306		ISS_LIS_SC_V1.0_20191102_NQC_16086.hdf	Keep. This is a partial good file, since the flags were set keep.
11/03/2019	307		ISS_LIS_SC_V1.0_20191103_NQC_16111.hdf ISS_LIS_SC_V1.0_20191103_NQC_16116.hdf	[Orbit 16111]: Keep. This is a partial good file, since the flags were set keep. [Orbit 16116]: Keep. This file has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
11/05/2019	309		ISS_LIS_SC_V1.0_20191105_NQC_16148.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
11/06/2019	310		ISS_LIS_SC_V1.0_20191106_NQC_16151.hdf ISS_LIS_SC_V1.0_20191106_NQC_16152.hdf ISS_LIS_SC_V1.0_20191106_NQC_16158.hdf	Keep. These are partial good files, since the flags were set keep.
11/07/2019	311	ISS_LIS_SC_V1.0_20191107_NQC_16170.hdf		Delete. File contains excessive noise that wasn't filtered out. There is some good lightning data in this file.
11/08/2019	312		ISS_LIS_SC_V1.0_20191108_NQC_16188.hdf	Keep. This is a partial good file, since the flags were set keep.
11/11/2019	315		ISS_LIS_SC_V1.0_20191111_NQC_16234.hdf	Keep. This is a partial good file, since the flags were set keep.
11/13/2019	317		ISS_LIS_SC_V1.0_20191113_NQC_16263.hdf ISS_LIS_SC_V1.0_20191113_NQC_16260.hdf ISS_LIS_SC_V1.0_20191113_NQC_16261.hdf ISS_LIS_SC_V1.0_20191113_NQC_16265.hdf ISS_LIS_SC_V1.0_20191113_NQC_16271.hdf	[Orbit 16263]: Keep. This file has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon. [Other orbits listed]: Keep. These are partial good files, since the flags were set keep.
11/14/2019	318		ISS_LIS_SC_V1.0_20191114_NQC_16278.hdf	Keep. This is a partial good file, since the flags were set keep.
11/15/2019	319		ISS_LIS_SC_V1.0_20191115_NQC_16295.hdf ISS_LIS_SC_V1.0_20191115_NQC_16296.hdf	Keep. These are partial good files, since the flags were set keep.
11/16/2019	320		ISS_LIS_SC_V1.0_20191116_NQC_16310.hdf ISS_LIS_SC_V1.0_20191116_NQC_16312.hdf	[Orbit 16310]: Keep. This is a partial good file, since the flags were set keep. [Orbit 16312]: Keep. This file has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
11/17/2019	321		ISS_LIS_SC_V1.0_20191117_NQC_16325.hdf ISS_LIS_SC_V1.0_20191117_NQC_16326.hdf	Keep. These are partial good files, since the flags were set keep.
11/18/2019	322		ISS_LIS_SC_V1.0_20191118_NQC_16347.hdf	Keep. This is a partial good file, since the flags were set keep.

11/19/2019	323		ISS_LIS_SC_V1.0_20191119_NQC_16351.hdf	Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
11/26/2019	330		ISS_LIS_SC_V1.0_20191126_NQC_16471.hdf	Keep. This is a partial good file, since the flags were set keep.
11/27/2019	331		ISS_LIS_SC_V1.0_20191127_NQC_16478.hdf ISS_LIS_SC_V1.0_20191127_NQC_16488.hdf	[Orbit 16478]: Keep. This is a partial good file, since the flags were set keep. [Orbit 16488]: Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
11/28/2019	332		ISS_LIS_SC_V1.0_20191128_NQC_16494.hdf	Keep. This is a partial good file, since the flags were set keep.
11/29/2019	333		ISS_LIS_SC_V1.0_20191129_NQC_16509.hdf ISS_LIS_SC_V1.0_20191129_NQC_16510.hdf ISS_LIS_SC_V1.0_20191129_NQC_16512.hdf ISS_LIS_SC_V1.0_20191129_NQC_16506.hdf ISS_LIS_SC_V1.0_20191129_NQC_16514.hdf	[Orbits 16509 and 16510]: Keep. These are partial good files, since the flags were set keep. [Orbit 16512]: Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate) [Orbits 16506 and 16514]: Keep. These files have 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
11/30/2019	334		ISS_LIS_SC_V1.0_20191130_NQC_16531.hdf	Keep. This is a partial good file, since the flags were set keep.
12/01/2019	335		ISS_LIS_SC_V1.0_20191201_NQC_16541.hdf	Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
12/02/2019	336		ISS_LIS_SC_V1.0_20191202_NQC_16554.hdf ISS_LIS_SC_V1.0_20191202_NQC_16567.hdf	[Orbit 16554]: Keep. This is a partial good file, since the flags were set keep. [Orbit 16567]: Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
12/03/2019	337		ISS_LIS_SC_V1.0_20191203_NQC_16570.hdf ISS_LIS_SC_V1.0_20191203_NQC_16580.hdf	[Orbit 16580]: Keep. This is a partial good file, since the flags were set keep. [Orbit 16580]: Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
12/05/2019	339		ISS_LIS_SC_V1.0_20191205_NQC_16601.hdf	Keep. This is a partial good file, since the flags were set keep.
12/06/2019	340		ISS_LIS_SC_V1.0_20191206_NQC_16622.hdf	Keep. This is a partial good file, since the flags were set keep.
12/07/2019	341		ISS_LIS_SC_V1.0_20191207_NQC_16631.hdf ISS_LIS_SC_V1.0_20191207_NQC_16632.hdf ISS_LIS_SC_V1.0_20191207_NQC_16641.hdf	[Orbit 16631]: Keep. This is a partial good file, since the flags were set keep. [Orbits 16632 and 16641]: Keep. These files have 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
12/08/2019	342	ISS_LIS_SC_V1.0_20191208_NQC_16650.hdf ISS_LIS_SC_V1.0_20191208_NQC_16651.hdf ISS_LIS_SC_V1.0_20191208_NQC_16652.hdf ISS_LIS_SC_V1.0_20191208_NQC_16653.hdf		Delete. Files contain excessive noise that wasn't filtered out. There is some good lightning data in this file.
12/09/2019	343		ISS_LIS_SC_V1.0_20191209_NQC_16668.hdf	Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate).
12/10/2019	344		ISS_LIS_SC_V1.0_20191210_NQC_16678.hdf ISS_LIS_SC_V1.0_20191210_NQC_16681.hdf ISS_LIS_SC_V1.0_20191210_NQC_16688.hdf	[Orbits 16678 and 16681]: Keep. These are partial good files, since the flags were set keep. [Orbit 16688]: Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate)
12/11/2019	345		ISS_LIS_SC_V1.0_20191211_NQC_16699.hdf ISS_LIS_SC_V1.0_20191211_NQC_16706.hdf	[Orbit 16699]: Keep. This is a partial good file, since the flags were set keep. [Orbit 16706]: Keep. File has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.
12/12/2019	346		ISS_LIS_SC_V1.0_20191212_NQC_16718.hdf ISS_LIS_SC_V1.0_20191212_NQC_16719.hdf ISS_LIS_SC_V1.0_20191212_NQC_16720.hdf	Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate).

12/13/2019	347	ISS_LIS_SC_V1.0_20191213_NQC_16734.hdf ISS_LIS_SC_V1.0_20191213_NQC_16735.hdf ISS_LIS_SC_V1.0_20191213_NQC_16738.hdf ISS_LIS_SC_V1.0_20191213_NQC_16739.hdf	ISS_LIS_SC_V1.0_20191213_NQC_16725.hdf	<p>[Orbit 16725]: Keep. File has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.</p> <p>[Orbits 16734, 16735, and 16738]: Delete. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate) AND Files contain excessive noise that wasn't filtered out. There may be some good lightning data.</p> <p>[Orbit 16739]: Delete. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate) AND Files contain excessive noise that wasn't filtered out. There may be some good lightning data. AND This is a partial good file, since the flags were set keep.</p>
12/14/2019	348	ISS_LIS_SC_V1.0_20191214_NQC_16740.hdf	ISS_LIS_SC_V1.0_20191214_NQC_16745.hdf	<p>[Orbit 16745]: Keep. This is a partial good file, since the flags were set keep.</p> <p>[Orbit 16740]: Delete. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate) AND File has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.</p>
12/15/2019	349		ISS_LIS_SC_V1.0_20191215_NQC_16764.hdf	<p>Keep. File has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.</p>
12/17/2019	351		ISS_LIS_SC_V1.0_20191217_NQC_16790.hdf ISS_LIS_SC_V1.0_20191217_NQC_16791.hdf ISS_LIS_SC_V1.0_20191217_NQC_16800.hdf ISS_LIS_SC_V1.0_20191217_NQC_16801.hdf	<p>[Orbits 16790, 16791, and 16800]: Keep. These are partial good files, since the flags were set keep.</p> <p>[Orbit 16801]: Keep. File has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.</p>
12/18/2019	352	ISS_LIS_SC_V1.0_20191218_NQC_16814.hdf ISS_LIS_SC_V1.0_20191218_NQC_16815.hdf	ISS_LIS_SC_V1.0_20191218_NQC_16805.hdf ISS_LIS_SC_V1.0_20191218_NQC_16806.hdf	<p>[Orbit 16805]: Keep. File has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.</p> <p>[Orbit 16806]: Keep. This is a partial good file, since the flags were set keep.</p> <p>[Orbits 16814 and 16815]: Delete. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate) AND Files contain excessive noise that wasn't filtered out. There may be some good lightning data.</p>
12/19/2019	353		ISS_LIS_SC_V1.0_20191219_NQC_16817.hdf ISS_LIS_SC_V1.0_20191219_NQC_16818.hdf ISS_LIS_SC_V1.0_20191219_NQC_16831.hdf ISS_LIS_SC_V1.0_20191219_NQC_16832.hdf	<p>[Orbits 16817 and 16818]: Keep. These are partial good files, since the flags were set keep.</p> <p>[Orbit 16831]: Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate). AND File has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.</p> <p>[Orbit 16832]: Keep. File has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.</p>
12/20/2019	354	ISS_LIS_SC_V1.0_20191220_NQC_16842.hdf ISS_LIS_SC_V1.0_20191220_NQC_16846.hdf ISS_LIS_SC_V1.0_20191220_NQC_16843.hdf ISS_LIS_SC_V1.0_20191220_NQC_16847.hdf	ISS_LIS_SC_V1.0_20191220_NQC_16833.hdf ISS_LIS_SC_V1.0_20191220_NQC_16844.hdf	<p>[Orbits 16842 and 16846]: Delete. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate) AND File contains excessive noise that wasn't filtered out. There may be some good lightning data.</p> <p>[Orbits 16843 and 16847]: Delete. File has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon. AND Geolocation is questionable. Platform warning flag is set (attitude possible inaccurate)</p> <p>[Orbit 16833]: Keep. File have 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon.</p> <p>[Orbit 16844]: Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate)</p>

12/21/2019	355	ISS_LIS_SC_V1.0_20191221_NQC_16848.hdf ISS_LIS_SC_V1.0_20191221_NQC_16849.hdf	ISS_LIS_SC_V1.0_20191221_NQC_16851.hdf ISS_LIS_SC_V1.0_20191221_NQC_16859.hdf	<p>[Orbits 16848 and 16849]: Delete. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate) AND File contains excessive noise that wasn't filtered out. There may be some good lightning data.</p> <p>[Orbit 16851]: Keep. This is a partial good file, since the flags were set keep.</p> <p>[Orbit 16859]: Keep. File has 0 lightning events, groups,flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.</p>
12/22/2019	356		ISS_LIS_SC_V1.0_20191222_NQC_16874.hdf ISS_LIS_SC_V1.0_20191222_NQC_16877.hdf	<p>Keep. Files have 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.</p>
12/23/2019	357	ISS_LIS_SC_V1.0_20191223_NQC_16889.hdf ISS_LIS_SC_V1.0_20191223_NQC_16890.hdf ISS_LIS_SC_V1.0_20191223_NQC_16893.hdf ISS_LIS_SC_V1.0_20191223_NQC_16894.hdf	ISS_LIS_SC_V1.0_20191223_NQC_16881.hdf	<p>[Orbit 16881]: Keep. This is a partial good file, since the flags were set keep.</p> <p>[Orbit 16889]: Delete. File has 0 lightning events, groups,flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon. AND Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate)</p> <p>[Orbits 16890, 16893, and 16894]: Delete. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate)</p>
12/24/2019	258	ISS_LIS_SC_V1.0_20191224_NQC_16895.hdf ISS_LIS_SC_V1.0_20191224_NQC_16906.hdf ISS_LIS_SC_V1.0_20191224_NQC_16907.hdf		<p>[Orbits 16895 and 16906]: Delete. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate)</p> <p>[Orbit 16907]: Delete. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate) AND This is a partial good file (data gap). AND File contains excessive noise that wasn't filtered out. There may be some good lightning data.</p>
12/25/2019	359		ISS_LIS_SC_V1.0_20191225_NQC_16921.hdf	<p>Keep. This is a partial good file, since the flags were set keep.</p>
12/26/2019	360		ISS_LIS_SC_V1.0_20191226_NQC_16927.hdf ISS_LIS_SC_V1.0_20191226_NQC_16937.hdf ISS_LIS_SC_V1.0_20191226_NQC_16931.hdf ISS_LIS_SC_V1.0_20191226_NQC_16932.hdf ISS_LIS_SC_V1.0_20191226_NQC_16939.hdf	<p>[Orbits 16927 and 16937]: Keep. These are partial good files, since the flags were set keep.</p> <p>[Orbits 16931, 16932, and 16939]: Keep. Files have 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.</p>
12/28/2019	362	ISS_LIS_SC_V1.0_20191228_NQC_16961.hdf	ISS_LIS_SC_V1.0_20191228_NQC_16958.hdf ISS_LIS_SC_V1.0_20191228_NQC_16963.hdf	<p>[Info]: There is no orbit file for orbit 16962. The data is in the previous orbit.</p> <p>[Orbits 16958 and 16963]: Keep. These are partial good files, since the flags were set keep.</p> <p>[Orbit 16961]: Delete. This file has two orbits worth of data in it. AND This is a partial good file, since the flags were set keep. AND Geolocation is questionable. Platform warning flag is set (attitude possible inaccurate)</p>
12/29/2019	363		ISS_LIS_SC_V1.0_20191229_NQC_16977.hdf	<p>Keep. File has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.</p>
12/30/2019	364	ISS_LIS_SC_V1.0_20191230_NQC_17002.hdf ISS_LIS_SC_V1.0_20191230_NQC_17017.hdf ISS_LIS_SC_V1.0_20191230_NQC_17018.hdf	ISS_LIS_SC_V1.0_20191230_NQC_16993.hdf ISS_LIS_SC_V1.0_20191230_NQC_16994.hdf ISS_LIS_SC_V1.0_20191230_NQC_16999.hdf ISS_LIS_SC_V1.0_20191230_NQC_17000.hdf ISS_LIS_SC_V1.0_20191230_NQC_17001.hdf	<p>[Orbit 16993]: Keep. File has 0 lightning events, groups,flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.</p> <p>[Orbits 16994 and 16999 - 17001]: Keep. Geolocation is questionable. Platform warning flag is set (attitude possible inaccurate)</p> <p>[Orbit 17002]: Delete. Geolocation is questionable. Platform warning flag is set (attitude possible inaccurate) AND File contains excessive noise that wasn't filtered out. There may be some good lightning data.</p> <p>[Orbits 17017 and 17018]: Delete. These files have the same data as the same number orbit files in date 12/31/2019</p>
12/31/2019	365	ISS_LIS_SC_V1.0_20191231_NQC_17018.hdf	ISS_LIS_SC_V1.0_20191231_NQC_17010.hdf ISS_LIS_SC_V1.0_20191231_NQC_17017.hdf ISS_LIS_SC_V1.0_20191231_NQC_17012.hdf ISS_LIS_SC_V1.0_20191231_NQC_17013.hdf	<p>[Orbit 17018]: Delete. Geolocation is questionable. Platform warning flag is set (attitude possible inaccurate)</p> <p>[Orbits 17010 and 17017]: Keep. Geolocation is questionable. Platform warning flag is set (attitude possible inaccurate)</p> <p>[Orbits 17012 and 17013]: Keep. These are partial good files, since the flags were set keep.</p>

01/01/2020	001		ISS_LIS_SC_V1.0_20200101_NQC_17023.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
01/02/2020	002	ISS_LIS_SC_V1.0_20200102_NQC_17048.hdf	ISS_LIS_SC_V1.0_20200102_NQC_17036.hdf ISS_LIS_SC_V1.0_20200102_NQC_17041.hdf ISS_LIS_SC_V1.0_20200102_NQC_17046.hdf ISS_LIS_SC_V1.0_20200102_NQC_17047.hdf ISS_LIS_SC_V1.0_20200102_NQC_17049.hdf	[Orbit 17036]: Keep. This is a partial good file, since the flags were set keep. [Orbit 17041]: Keep. This file has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon. [Orbits 17046, 17047, and 17049]: Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate) [Orbit 17048]: Delete. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate) AND Delete. Files contain excessive noise that wasn't filtered out. There is some good lightning data in this file.
01/03/2020	003	ISS_LIS_SC_V1.0_20200103_NQC_17059.hdf ISS_LIS_SC_V1.0_20200103_NQC_17060.hdf ISS_LIS_SC_V1.0_20200103_NQC_17062.hdf ISS_LIS_SC_V1.0_20200103_NQC_17063.hdf ISS_LIS_SC_V1.0_20200103_NQC_17065.hdf	ISS_LIS_SC_V1.0_20200103_NQC_17053.hdf	[Orbit 17053]: Keep. This file has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon. [Orbits 17059, 17060]: Delete. Files contain excessive noise that wasn't filtered out. There is some good lightning data in this file. AND Geolocation is questionable. Platform warning flag is set (attitude possible inaccurate) [Orbits 17062, 17063, and 17065]: Delete. Geolocation is questionable. Platform warning flag is set (attitude possible inaccurate)
01/04/2020	004		ISS_LIS_SC_V1.0_20200104_NQC_17072.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
01/05/2020	005		ISS_LIS_SC_V1.0_20200105_NQC_17083.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
01/06/2020	006	ISS_LIS_SC_V1.0_20200106_NQC_17110.hdf ISS_LIS_SC_V1.0_20200106_NQC_17111.hdf	ISS_LIS_SC_V1.0_20200106_NQC_17098.hdf	[Orbit 17098]: Keep. This file has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon. [Orbits 17110 and 17111]: Delete. Files contain excessive noise that wasn't filtered out. There is some good lightning data in this file. AND Geolocation is questionable. Platform warning flag is set (attitude possible inaccurate)
01/08/2020	008		ISS_LIS_SC_V1.0_20200108_NQC_17129.hdf ISS_LIS_SC_V1.0_20200108_NQC_17136.hdf	[Orbit 17129]: Keep. This file has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon. [Orbit 17136]: Keep. This is a partial good file, since the flags were set keep.
01/09/2020	009		ISS_LIS_SC_V1.0_20200109_NQC_17159.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon. AND File is only about 6 min long. Data missing for rest of orbit
01/10/2020	010			Data missing for this day. First missing orbit is 17160. Next orbit is 17175 on 01/11/2020
01/11/2020	011		ISS_LIS_SC_V1.0_20200111_NQC_17180.hdf ISS_LIS_SC_V1.0_20200111_NQC_17184.hdf	[Orbits 17180 and 17184]: Keep. Files have 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event, group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
01/12/2020	012		ISS_LIS_SC_V1.0_20200112_NQC_17197.hdf ISS_LIS_SC_V1.0_20200112_NQC_17199.hdf	[Orbit 17197]: Keep. This is a partial good file, since the flags were set keep. [Orbit 17199]: Keep. File has 0 lightning events, groups,flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
01/13/2020	013		ISS_LIS_SC_V1.0_20200113_NQC_17210.hdf ISS_LIS_SC_V1.0_20200113_NQC_17214.hdf	Keep. Files have 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
01/14/2020	014		ISS_LIS_SC_V1.0_20200114_NQC_17222.hdf ISS_LIS_SC_V1.0_20200114_NQC_17229.hdf	Keep. Files have 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.

01/15/2020	015	ISS_LIS_SC_V1.0_20200115_NQC_17241.hdf ISS_LIS_SC_V1.0_20200115_NQC_17242.hdf ISS_LIS_SC_V1.0_20200115_NQC_17243.hdf ISS_LIS_SC_V1.0_20200115_NQC_17244.hdf ISS_LIS_SC_V1.0_20200115_NQC_17245.hdf ISS_LIS_SC_V1.0_20200115_NQC_17246.hdf ISS_LIS_SC_V1.0_20200115_NQC_17247.hdf ISS_LIS_SC_V1.0_20200115_NQC_17248.hdf	ISS_LIS_SC_V1.0_20200115_NQC_17237.hdf ISS_LIS_SC_V1.0_20200115_NQC_17238.hdf	[Orbits 17241 - 17248]: Delete. Files contain excessive noise that wasn't filtered out. There is some good lightning data in these files. [Orbits 17237 and 17238]: Keep. Files have 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event, group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
01/16/2020	016		ISS_LIS_SC_V1.0_20200116_NQC_17260.hdf ISS_LIS_SC_V1.0_20200116_NQC_17267.hdf	Keep. Files have 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
01/17/2020	017		ISS_LIS_SC_V1.0_20200117_NQC_17274.hdf ISS_LIS_SC_V1.0_20200117_NQC_17280.hdf	Keep. These are partial good files, since the flags were set keep.
01/18/2020	018	ISS_LIS_SC_V1.0_20200118_NQC_17289.hdf	ISS_LIS_SC_V1.0_20200118_NQC_17298.hdf	[Orbit 17289]: Delete. Files contain excessive noise that wasn't filtered out. There is some good lightning data in these files. [Orbit 17298]: Keep. File has 0 lightning events, groups,flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
01/19/2020	019		ISS_LIS_SC_V1.0_20200119_NQC_17301.hdf	Keep. File has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
01/21/2020	021		ISS_LIS_SC_V1.0_20200121_NQC_17336.hdf	Keep. File has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
01/22/2020	022	ISS_LIS_SC_V1.0_20200122_NQC_17359.hdf ISS_LIS_SC_V1.0_20200122_NQC_17360.hdf	ISS_LIS_SC_V1.0_20200122_NQC_17357.hdf	[Orbit 17357]: Keep. File only about 16 minutes long. [Info]: File missing. Orbit not processed: ISS_LIS_SC_V1.0_20200122_NQC_17358.hdf [Orbits 17359 and 17360]: Delete. The ISS LIS was not operating. No flags were set to indicate this.
01/23/2020	023	ISS_LIS_SC_V1.0_20200123_NQC_17361.hdf ISS_LIS_SC_V1.0_20200123_NQC_17362.hdf ISS_LIS_SC_V1.0_20200123_NQC_17363.hdf ISS_LIS_SC_V1.0_20200123_NQC_17364.hdf ISS_LIS_SC_V1.0_20200123_NQC_17365.hdf ISS_LIS_SC_V1.0_20200123_NQC_17366.hdf ISS_LIS_SC_V1.0_20200123_NQC_17367.hdf ISS_LIS_SC_V1.0_20200123_NQC_17368.hdf ISS_LIS_SC_V1.0_20200123_NQC_17369.hdf ISS_LIS_SC_V1.0_20200123_NQC_17370.hdf ISS_LIS_SC_V1.0_20200123_NQC_17371.hdf ISS_LIS_SC_V1.0_20200123_NQC_17372.hdf ISS_LIS_SC_V1.0_20200123_NQC_17373.hdf	ISS_LIS_SC_V1.0_20200123_NQC_17374.hdf	[Orbit 17374]: Keep. Geolocation is questionable. Platform warning flag is set (attitude possible inaccurate) [All other orbits listed]: Delete. The ISS LIS was not operating. No flags were set to indicate this. The last file has some good data but with questionable geolocation.
01/24/2020	024		ISS_LIS_SC_V1.0_20200124_NQC_17380.hdf	Keep. This is a partial good file, since the flags were set keep.
01/26/2020	026		ISS_LIS_SC_V1.0_20200126_NQC_17411.hdf	Keep. This is a partial good file, since the flags were set keep.
01/27/2020	027	ISS_LIS_SC_V1.0_20200127_NQC_17429.hdf ISS_LIS_SC_V1.0_20200127_NQC_17430.hdf ISS_LIS_SC_V1.0_20200127_NQC_17431.hdf		Delete. Files contain excessive noise that wasn't filtered out. There is some good lightning data in these files.
01/28/2020	028		ISS_LIS_SC_V1.0_20200128_NQC_17442.hdf ISS_LIS_SC_V1.0_20200128_NQC_17448.hdf	Keep. These are partial good files, since the flags were set keep.
01/29/2020	029	ISS_LIS_SC_V1.0_20200129_NQC_17469.hdf		Delete. This is a partial good file, since the flags were set keep. AND Geolocation is questionable. Platform warning flag is set (attitude possible inaccurate)
01/30/2020	030	ISS_LIS_SC_V1.0_20200130_NQC_17470.hdf ISS_LIS_SC_V1.0_20200130_NQC_17471.hdf	ISS_LIS_SC_V1.0_20200130_NQC_17478.hdf	[Orbits 17470 and 17471]: Delete. Geolocation is questionable. Platform warning flag is set (attitude possible inaccurate) AND Files contain excessive noise that wasn't filtered out. There is some good lightning data in these files. [Orbit 17478]: Keep. This is a partial good file, since the flags were set keep.
01/31/2020	031		ISS_LIS_SC_V1.0_20200131_NQC_17487.hdf ISS_LIS_SC_V1.0_20200131_NQC_17485.hdf ISS_LIS_SC_V1.0_20200131_NQC_17489.hdf	[Orbit 17487]: Keep. This is a partial good file, since the flags were set keep. [Orbits 17485 and 17489]: Keep. Files have 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event, group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
02/01/2020	032		ISS_LIS_SC_V1.0_20200201_NQC_17504.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
02/02/2020	033		ISS_LIS_SC_V1.0_20200202_NQC_17526.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
02/04/2020	035		ISS_LIS_SC_V1.0_20200204_NQC_17550.hdf ISS_LIS_SC_V1.0_20200204_NQC_17557.hdf	Keep. These files have 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.

02/05/2020	036	ISS_LIS_SC_V1.0_20200205_NQC_17566.hdf ISS_LIS_SC_V1.0_20200205_NQC_17567.hdf ISS_LIS_SC_V1.0_20200205_NQC_17568.hdf ISS_LIS_SC_V1.0_20200205_NQC_17570.hdf ISS_LIS_SC_V1.0_20200205_NQC_17571.hdf	ISS_LIS_SC_V1.0_20200205_NQC_17563.hdf ISS_LIS_SC_V1.0_20200205_NQC_17564.hdf ISS_LIS_SC_V1.0_20200205_NQC_17572.hdf ISS_LIS_SC_V1.0_20200205_NQC_17565.hdf ISS_LIS_SC_V1.0_20200205_NQC_17573.hdf ISS_LIS_SC_V1.0_20200205_NQC_17577.hdf	<p>The file ISS_LIS_SC_V1.0_20200205_NQC_17569.hdf was not processed and is missing.</p> <p>[Orbits 17566, 17567, 17568, 17570, 17571]: Delete. The ISS LIS was not operating. No unfiltered events were detected. The flags were set properly.</p> <p>[Orbits 17563, 17564, and 17572]: Keep. These are partial good files, since the flags were set keep.</p> <p>[Orbits 17565 and 17573]: Keep. These are partial good files, since the flags were set keep. AND Files have 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.</p> <p>[Orbit 17577]: Keep. This file has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon."</p>
02/07/2020	038		ISS_LIS_SC_V1.0_20200207_NQC_17595.hdf ISS_LIS_SC_V1.0_20200207_NQC_17596.hdf	Keep. These are partial good files, since the flags were set keep.
02/08/2020	039		ISS_LIS_SC_V1.0_20200208_NQC_17620.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
02/09/2020	040		ISS_LIS_SC_V1.0_20200209_NQC_17626.hdf ISS_LIS_SC_V1.0_20200209_NQC_17640.hdf ISS_LIS_SC_V1.0_20200209_NQC_17635.hdf	<p>[Orbits 17626 and 17640]: Keep. These are partial good files, since the flags were set keep.</p> <p>[Orbit 17635]: Keep. This file has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.</p>
02/10/2020	041		ISS_LIS_SC_V1.0_20200210_NQC_17641.hdf ISS_LIS_SC_V1.0_20200210_NQC_17642.hdf	<p>[Orbit 17641]: Keep. This is a partial good file, since the flags were set keep.</p> <p>[Orbit 17642]: Keep. This file has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.</p>
02/11/2020	042		ISS_LIS_SC_V1.0_20200211_NQC_17658.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
02/12/2020	043		ISS_LIS_SC_V1.0_20200212_NQC_17677.hdf ISS_LIS_SC_V1.0_20200212_NQC_17676.hdf ISS_LIS_SC_V1.0_20200212_NQC_17681.hdf ISS_LIS_SC_V1.0_20200212_NQC_17684.hdf	<p>[Orbit 17677]: Keep. This is a partial good file, since the flags were set keep.</p> <p>[Orbits 17676, 17681, and 17684]: Keep. These files have 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.</p>
02/13/2020	044		ISS_LIS_SC_V1.0_20200213_NQC_17699.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
02/14/2020	045		ISS_LIS_SC_V1.0_20200214_NQC_17704.hdf ISS_LIS_SC_V1.0_20200214_NQC_17707.hdf ISS_LIS_SC_V1.0_20200214_NQC_17714.hdf ISS_LIS_SC_V1.0_20200214_NQC_17717.hdf	<p>[Orbit 17707]: Keep. This is a partial good file, since the flags were set keep. AND This file has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event, group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.</p> <p>[Orbits 17704 and 17714]: Keep. These files have 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event, group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.</p> <p>[Orbit 17717]: Keep. This is a partial good file, since the flags were set keep.</p>
02/15/2020	046		ISS_LIS_SC_V1.0_20200215_NQC_17726.hdf ISS_LIS_SC_V1.0_20200215_NQC_17730.hdf	Keep. These files have 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
02/16/2020	047		ISS_LIS_SC_V1.0_20200216_NQC_17734.hdf ISS_LIS_SC_V1.0_20200216_NQC_17741.hdf	Keep. These files have 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
02/18/2020	049	ISS_LIS_SC_V1.0_20200218_NQC_17770.hdf	ISS_LIS_SC_V1.0_20200218_NQC_17780.hdf	<p>[Orbit 17770]: Delete. Files contain excessive noise that wasn't filtered out. There is some good lightning data in this file.</p> <p>[Orbit 17780]: Keep. This file has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.</p>

02/19/2020	050		ISS_LIS_SC_V1.0_20200219_NQC_17783.hdf ISS_LIS_SC_V1.0_20200219_NQC_17791.hdf	Keep. These files have 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
02/20/2020	051		ISS_LIS_SC_V1.0_20200220_NQC_17809.hdf ISS_LIS_SC_V1.0_20200220_NQC_17810.hdf	[Orbit 17809]: Keep. This is a partial good file, since the flags were set keep. [Orbit 17810]: Keep. This file has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
02/23/2020	054		ISS_LIS_SC_V1.0_20200223_NQC_17854.hdf	Keep. This is a partial good file, since the flags were set keep.
02/24/2020	055		ISS_LIS_SC_V1.0_20200224_NQC_17861.hdf	Keep. This is a partial good file, since the flags were set keep.
02/25/2020	056		ISS_LIS_SC_V1.0_20200225_NQC_17882.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
02/28/2020	059		ISS_LIS_SC_V1.0_20200228_NQC_17930.hdf ISS_LIS_SC_V1.0_20200228_NQC_17931.hdf	Keep. These are partial good files, since the flags were set keep.
02/29/2020	060		ISS_LIS_SC_V1.0_20200229_NQC_17936.hdf ISS_LIS_SC_V1.0_20200229_NQC_17946.hdf	Keep. These are partial good files, since the flags were set keep.
04/01/2020	092		ISS_LIS_SC_V1.0_20200401_NQC_18444.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
04/03/2020	094		ISS_LIS_SC_V1.0_20200403_NQC_18466.hdf ISS_LIS_SC_V1.0_20200403_NQC_18469.hdf	[Orbit 18466]: Keep. This is a partial good file, since the flags were set keep. [Orbit 18469]: Keep. This file has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
04/04/2020	095		ISS_LIS_SC_V1.0_20200404_NQC_18495.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
04/06/2020	097		ISS_LIS_SC_V1.0_20200406_NQC_18512.hdf	Keep. This is a partial good file, since the flags were set keep.
04/07/2020	098		ISS_LIS_SC_V1.0_20200407_NQC_18540.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
04/08/2020	099		ISS_LIS_SC_V1.0_20200408_NQC_18543.hdf	Keep. This is a partial good file, since the flags were set keep.
04/10/2020	101		ISS_LIS_SC_V1.0_20200410_NQC_18578.hdf ISS_LIS_SC_V1.0_20200410_NQC_18588.hdf ISS_LIS_SC_V1.0_20200410_NQC_18573.hdf ISS_LIS_SC_V1.0_20200410_NQC_18574.hdf	[Orbits 18578, 18588]: Keep. These are partial good files, since the flags were set keep. [Orbit 18573]: Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate) AND This is a partial good file, since the flags were set keep. [Orbit 18574]: Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate)
04/11/2020	102		ISS_LIS_SC_V1.0_20200411_NQC_18594.hdf	Keep. This is a partial good file, since the flags were set keep.
04/12/2020	103		ISS_LIS_SC_V1.0_20200412_NQC_18604.hdf ISS_LIS_SC_V1.0_20200412_NQC_18619.hdf	Keep. These are partial good files, since the flags were set keep.
04/14/2020	105		ISS_LIS_SC_V1.0_20200414_NQC_18635.hdf ISS_LIS_SC_V1.0_20200414_NQC_18649.hdf	Keep. These are partial good files, since the flags were set keep.
04/15/2020	106		ISS_LIS_SC_V1.0_20200415_NQC_18655.hdf	Keep. This is a partial good file, since the flags were set keep.
04/17/2020	108		ISS_LIS_SC_V1.0_20200417_NQC_18686.hdf	Keep. This is a partial good file, since the flags were set keep.
04/18/2020	109		ISS_LIS_SC_V1.0_20200418_NQC_18703.hdf ISS_LIS_SC_V1.0_20200418_NQC_18704.hdf ISS_LIS_SC_V1.0_20200418_NQC_18705.hdf ISS_LIS_SC_V1.0_20200418_NQC_18706.hdf ISS_LIS_SC_V1.0_20200418_NQC_18708.hdf ISS_LIS_SC_V1.0_20200418_NQC_18709.hdf	[Orbits 18703 - 18706]: Keep. These are partial good files, since the flags were set keep. [Orbits 18708, 18709]: Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate)
04/19/2020	110		ISS_LIS_SC_V1.0_20200419_NQC_18717.hdf ISS_LIS_SC_V1.0_20200419_NQC_18718.hdf	Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate).
04/20/2020	111		ISS_LIS_SC_V1.0_20200420_NQC_18742.hdf	Keep. This is a partial good file, since the flags were set keep.
04/21/2020	112		ISS_LIS_SC_V1.0_20200421_NQC_18749.hdf ISS_LIS_SC_V1.0_20200421_NQC_18757.hdf	Keep. These are partial good files, since the flags were set keep.
04/24/2020	115		ISS_LIS_SC_V1.0_20200424_NQC_18804.hdf ISS_LIS_SC_V1.0_20200424_NQC_18794.hdf ISS_LIS_SC_V1.0_20200424_NQC_18803.hdf	[Orbit 18804]: Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate) [Orbits 18794, 18803]: Keep. These are partial good files, since the flags were set keep.
04/25/2020	116		ISS_LIS_SC_V1.0_20200425_NQC_18808.hdf ISS_LIS_SC_V1.0_20200425_NQC_18809.hdf ISS_LIS_SC_V1.0_20200425_NQC_18816.hdf ISS_LIS_SC_V1.0_20200425_NQC_18817.hdf	[Orbits 18808, 18809]: Keep. These are partial good files, since the flags were set keep. [Orbits 18816, 18817]: Keep. Geolocation of lightning activity is questionable. Platform warning flag is set (attitude possible inaccurate)

04/26/2020	117		ISS_LIS_SC_V1.0_20200426_NQC_18824.hdf	Keep. This is a partial good file, since the flags were set keep.
04/29/2029	120		ISS_LIS_SC_V1.0_20200429_NQC_18870.hdf ISS_LIS_SC_V1.0_20200429_NQC_18879.hdf	Keep. These are partial good files, since the flags were set keep.
04/30/2029	121		ISS_LIS_SC_V1.0_20200430_NQC_18894.hdf	Keep. This is a partial good file, since the flags were set keep.
05/01/2020	122	ISS_LIS_SC_V1.0_20200501_NQC_18906.hdf ISS_LIS_SC_V1.0_20200501_NQC_18907.hdf ISS_LIS_SC_V1.0_20200501_NQC_18908.hdf ISS_LIS_SC_V1.0_20200501_NQC_18909.hdf	ISS_LIS_SC_V1.0_20200501_NQC_18906.hdf	[Orbits 18906 - 18909]: Delete. Files contain excessive noise that wasn't filtered out. There may be some good lightning data [Orbit 18906]: Keep. File has 0 lightning events, groups,flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
05/02/2020	123		ISS_LIS_SC_V1.0_20200502_NQC_18927.hdf	Keep. File has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
05/04/2020	125		ISS_LIS_SC_V1.0_20200504_NQC_18948.hdf	Keep. This is a partial good file, since the flags were set keep.
05/06/2020	127		ISS_LIS_SC_V1.0_20200506_NQC_18986.hdf	Keep. This is a partial good file, since the flags were set keep. File has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
05/08/2020	129		ISS_LIS_SC_V1.0_20200508_NQC_19023.hdf ISS_LIS_SC_V1.0_20200508_NQC_19014.hdf	[Orbit 19023]: Keep. This is a partial good file, since the flags were set keep. [Orbit 19014]: Keep. File has 0 lightning events, groups,flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
05/10/2020	131		ISS_LIS_SC_V1.0_20200510_NQC_19044.hdf	Keep. File has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
05/11/2020	132		ISS_LIS_SC_V1.0_20200511_NQC_19061.hdf ISS_LIS_SC_V1.0_20200511_NQC_19062.hdf	Keep. These are partial good files, since the flags were set keep.
05/12/2020	133		ISS_LIS_SC_V1.0_20200512_NQC_19075.hdf	Keep. File has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
05/13/2020	134		ISS_LIS_SC_V1.0_20200513_NQC_19093.hdf ISS_LIS_SC_V1.0_20200513_NQC_19090.hdf	[Orbit 19093]: Keep. This is a partial good file, since the flags were set keep. [Orbit 19090]: Keep. File has 0 lightning events, groups,flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
05/14/2020	135		ISS_LIS_SC_V1.0_20200514_NQC_19106.hdf	Keep. File has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
05/17/2020	138		ISS_LIS_SC_V1.0_20200517_NQC_19154.hdf ISS_LIS_SC_V1.0_20200517_NQC_19155.hdf ISS_LIS_SC_V1.0_20200517_NQC_19160.hdf	Keep. These are partial good files, since the flags were set keep.
05/20/2020	141		ISS_LIS_SC_V1.0_20200520_NQC_19200.hdf ISS_LIS_SC_V1.0_20200520_NQC_19206.hdf	Keep. These are partial good files, since the flags were set keep.
05/22/2020	143		ISS_LIS_SC_V1.0_20200522_NQC_19231.hdf	Keep. This is a partial good file, since the flags were set keep.
05/25/2020	146	ISS_LIS_SC_V1.0_20200525_NQC_19279.hdf	ISS_LIS_SC_V1.0_20200525_NQC_19283.hdf	[Orbit 19279]: Delete. File contains excessive noise that wasn't filtered out. There may be some good lightning data [Orbit 19283]: Keep. This is a partial good file, since the flags were set keep.
05/26/2020	147		ISS_LIS_SC_V1.0_20200526_NQC_19298.hdf	Keep. This is a partial good file, since the flags were set keep.
05/27/2020	148		ISS_LIS_SC_V1.0_20200527_NQC_19306.hdf ISS_LIS_SC_V1.0_20200527_NQC_19313.hdf	Keep. These are partial good files, since the flags were set keep.
05/28/2020	149		ISS_LIS_SC_V1.0_20200528_NQC_19322.hdf ISS_LIS_SC_V1.0_20200528_NQC_19329.hdf	Keep. These are partial good files, since the flags were set keep.
05/29/2020	150		ISS_LIS_SC_V1.0_20200529_NQC_19343.hdf ISS_LIS_SC_V1.0_20200529_NQC_19335.hdf	[Orbit 19343]: Keep. This is a partial good file, since the flags were set keep. [Orbit 19335]: Keep. File has 0 lightning events, groups,flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
06/02/2020	154		ISS_LIS_SC_V1.0_20200602_NQC_19399.hdf	Keep. This is a partial good file, since the flags were set keep.
06/04/2020	156		ISS_LIS_SC_V1.0_20200604_NQC_19438.hdf	Keep. This is a partial good file, since the flags were set keep.
06/07/2020	159		ISS_LIS_SC_V1.0_20200607_NQC_19474.hdf	Keep. This is a partial good file, since the flags were set keep.
06/09/2020	161		ISS_LIS_SC_V1.0_20200609_NQC_19505.hdf	Keep. This is a partial good file, since the flags were set keep.
06/11/2020	163		ISS_LIS_SC_V1.0_20200611_NQC_19536.hdf ISS_LIS_SC_V1.0_20200611_NQC_19542.hdf	Keep. These are partial good files, since the flags were set keep.

06/13/2020	165		ISS_LIS_SC_V1.0_20200613_NQC_19573.hdf	Keep. This is a partial good file, since the flags were set keep.
06/14/2020	166		ISS_LIS_SC_V1.0_20200614_NQC_19598.hdf	Keep. This is a partial good file, since the flags were set keep.
06/15/2020	167		ISS_LIS_SC_V1.0_20200615_NQC_19613.hdf	Keep. This is a partial good file, since the flags were set keep.
06/16/2020	168		ISS_LIS_SC_V1.0_20200616_NQC_19629.hdf	Keep. This is a partial good file, since the flags were set keep.
06/17/2020	169		ISS_LIS_SC_V1.0_20200617_NQC_19644.hdf ISS_LIS_SC_V1.0_20200617_NQC_19645.hdf	Keep. These are partial good files, since the flags were set keep.
06/21/2020	173		ISS_LIS_SC_V1.0_20200621_NQC_19696.hdf	Keep. This is a partial good file, since the flags were set keep.
06/26/2020	178		ISS_LIS_SC_V1.0_20200626_NQC_19781.hdf	Keep. This is a partial good file, since the flags were set keep.
06/29/2020	181	ISS_LIS_SC_V1.0_20200629_NQC_19824.hdf ISS_LIS_SC_V1.0_20200629_NQC_19825.hdf ISS_LIS_SC_V1.0_20200629_NQC_19826.hdf	ISS_LIS_SC_V1.0_20200629_NQC_19827.hdf	[Orbits 19824 - 19826]: Delete. Files contain excessive noise that wasn't filtered out. There may be some good lightning data. [Orbit 19827]: Keep. This is a partial good file, since the flags were set keep.
06/30/2020	182		ISS_LIS_SC_V1.0_20200630_NQC_19833.hdf	Keep. This is a partial good file, since the flags were set keep.
07/02/2020	184		ISS_LIS_SC_V1.0_20200702_NQC_19873.hdf	Keep. This is a partial good file, since the flags were set keep.
07/03/2020	185		ISS_LIS_SC_V1.0_20200703_NQC_19879.hdf	Keep. This is a partial good file, since the flags were set keep.
07/04/2020	186		ISS_LIS_SC_V1.0_20200704_NQC_19894.hdf ISS_LIS_SC_V1.0_20200704_NQC_19909.hdf	Keep. These are partial good files, since the flags were set keep.
07/05/2020	187		ISS_LIS_SC_V1.0_20200705_NQC_19918.hdf	Keep. This is a partial good file, since the flags were set keep.
07/06/2020	188		ISS_LIS_SC_V1.0_20200706_NQC_19931.hdf ISS_LIS_SC_V1.0_20200706_NQC_19934.hdf	[Orbit 19931]: Keep. This file has 0 lightning events, groups, flashes or areas but the ISS LIS was operating correctly. The one event, group, flash, and area is a placeholder with a location of (0.0, 0.0) lat, lon. [Orbit 19934]: Keep. This is a partial good file, since the flags were set keep.
07/07/2020	189		ISS_LIS_SC_V1.0_20200707_NQC_19949.hdf	Keep. This is a partial good file, since the flags were set keep.
07/08/2020	190	ISS_LIS_SC_V1.0_20200708_NQC_19967.hdf		Delete. Geolocation of lightning activity is questionable. Platform warning/fatal flag is set (altitude possible inaccurate)
07/09/2020	191		ISS_LIS_SC_V1.0_20200709_NQC_19984.hdf ISS_LIS_SC_V1.0_20200709_NQC_19985.hdf	Keep. These are partial good files, since the flags were set keep.
07/10/2020	192		ISS_LIS_SC_V1.0_20200710_NQC_20002.hdf	Keep. This is a partial good file, since the flags were set keep.
07/11/2020	193	ISS_LIS_SC_V1.0_20200711_NQC_20009.hdf		Delete. Geolocation of lightning activity is questionable. Platform warning/fatal flag is set (altitude possible inaccurate)
07/12/2020	194	ISS_LIS_SC_V1.0_20200712_NQC_20020.hdf		Delete. Geolocation of lightning activity is questionable. Platform warning/fatal flag is set (altitude possible inaccurate)
07/13/2020	195		ISS_LIS_SC_V1.0_20200713_NQC_20043.hdf	Keep. This is a partial good file, since the flags were set keep.
07/15/2020	197		ISS_LIS_SC_V1.0_20200715_NQC_20072.hdf	Keep. This is a partial good file, since the flags were set keep.
07/17/2020	199		ISS_LIS_SC_V1.0_20200717_NQC_20098.hdf ISS_LIS_SC_V1.0_20200717_NQC_20099.hdf ISS_LIS_SC_V1.0_20200717_NQC_20108.hdf ISS_LIS_SC_V1.0_20200717_NQC_20110.hdf ISS_LIS_SC_V1.0_20200717_NQC_20111.hdf	Keep. These are partial good files, since the flags were set keep.
07/18/2020	200	ISS_LIS_SC_V1.0_20200718_NQC_20117.hdf ISS_LIS_SC_V1.0_20200718_NQC_20118.hdf ISS_LIS_SC_V1.0_20200718_NQC_20119.hdf ISS_LIS_SC_V1.0_20200718_NQC_20120.hdf		Delete. Files contain excessive noise that wasn't filtered out. There may be some good lightning data.
07/22/2020	204		ISS_LIS_SC_V1.0_20200722_NQC_20185.hdf	Keep. This is a partial good file, since the flags were set keep.
07/23/2020	205	ISS_LIS_SC_V1.0_20200723_NQC_20193.hdf	ISS_LIS_SC_V1.0_20200723_NQC_20194.hdf ISS_LIS_SC_V1.0_20200723_NQC_20200.hdf	[Orbit 20193]: Delete. Geolocation of lightning activity is questionable. Platform warning/fatal flag is set (altitude possible inaccurate) [Orbit 20194]: Keep. This is a partial good file, since the flags were set keep. [Orbit 20200]: Keep. This is a partial good file, since the flags were set keep. AND Geolocation of lightning activity is questionable. Platform warning/fatal flag is set (altitude possible inaccurate)
07/24/2020	206	ISS_LIS_SC_V1.0_20200724_NQC_20208.hdf	ISS_LIS_SC_V1.0_20200724_NQC_20216.hdf	[Orbit 20208]: Delete. Geolocation of lightning activity is questionable. Platform warning/fatal flag is set (altitude possible inaccurate) [Orbit 20216]: Keep. This is a partial good file, since the flags were set keep.
07/25/2020	207		ISS_LIS_SC_V1.0_20200725_NQC_20224.hdf	Keep. This is a partial good file, since the flags were set keep.
07/26/2020	208		ISS_LIS_SC_V1.0_20200726_NQC_20245.hdf	Keep. This is a partial good file, since the flags were set keep.
07/28/2020	210		ISS_LIS_SC_V1.0_20200728_NQC_20269.hdf	Keep. This is a partial good file, since the flags were set keep.

07/29/2020	211		ISS_LIS_SC_V1.0_20200729_NQC_20285.hdf	Keep. This is a partial good file, since the flags were set keep.
08/01/2020	214		ISS_LIS_SC_V1.0_20200801_NQC_20329.hdf	Keep. This is a partial good file, since the flags were set keep.
08/03/2020	216		ISS_LIS_SC_V1.0_20200803_NQC_20361.hdf ISS_LIS_SC_V1.0_20200803_NQC_20362.hdf	Keep. These are partial good files, since the flags were set keep.
08/05/2020	218		ISS_LIS_SC_V1.0_20200805_NQC_20405.hdf	Keep. This file has 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
08/06/2020	219		ISS_LIS_SC_V1.0_20200806_NQC_20412.hdf ISS_LIS_SC_V1.0_20200806_NQC_20413.hdf	Keep. These are partial good files, since the flags were set keep.
08/09/2020	222		ISS_LIS_SC_V1.0_20200809_NQC_20454.hdf ISS_LIS_SC_V1.0_20200809_NQC_20455.hdf	Keep. These are partial good files, since the flags were set keep.
08/10/2020	223		ISS_LIS_SC_V1.0_20200810_NQC_20470.hdf ISS_LIS_SC_V1.0_20200810_NQC_20474.hdf	Keep. These are partial good files, since the flags were set keep.
08/11/2020	224		ISS_LIS_SC_V1.0_20200811_NQC_20499.hdf	Keep. This is a partial good file, since the flags were set keep.
08/14/2020	227		ISS_LIS_SC_V1.0_20200814_NQC_20545.hdf	Keep. This is a partial good file, since the flags were set keep.
08/15/2020	228		ISS_LIS_SC_V1.0_20200815_NQC_20561.hdf	Keep. This is a partial good file, since the flags were set keep.
08/16/2020	229		ISS_LIS_SC_V1.0_20200816_NQC_20567.hdf ISS_LIS_SC_V1.0_20200816_NQC_20576.hdf ISS_LIS_SC_V1.0_20200816_NQC_20577.hdf	Keep. These are partial good files, since the flags were set keep.
08/17/2020	230		ISS_LIS_SC_V1.0_20200817_NQC_20582.hdf	Keep. This is a partial good file, since the flags were set keep.
08/18/2020	231	ISS_LIS_SC_V1.0_20200818_NQC_20603.hdf		Delete. File contains excessive noise that wasn't filtered out. There may be some good lightning data.
08/19/2020	232		ISS_LIS_SC_V1.0_20200819_NQC_20622.hdf	Keep. This is a partial good file, since the flags were set keep.
08/20/2020	233		ISS_LIS_SC_V1.0_20200820_NQC_20637.hdf ISS_LIS_SC_V1.0_20200820_NQC_20638.hdf ISS_LIS_SC_V1.0_20200820_NQC_20639.hdf	Keep. These are partial good files, since the flags were set keep.
08/21/2020	234		ISS_LIS_SC_V1.0_20200821_NQC_20642.hdf ISS_LIS_SC_V1.0_20200821_NQC_20652.hdf ISS_LIS_SC_V1.0_20200821_NQC_20653.hdf	Keep. These are partial good files, since the flags were set keep.
08/22/2020	235		ISS_LIS_SC_V1.0_20200822_NQC_20660.hdf	[Orbit 20660]: Keep. This is a partial good file, since the flags were set keep. It is also longer than one orbit. [Advisory]: Files 20661 through 20668 were not generated.
08/23/2020	236		ISS_LIS_SC_V1.0_20200823_NQC_20673.hdf ISS_LIS_SC_V1.0_20200823_NQC_20682.hdf ISS_LIS_SC_V1.0_20200823_NQC_20683.hdf ISS_LIS_SC_V1.0_20200823_NQC_20680.hdf	[Orbits 20673, 20682, and 20683]: Keep. These are partial good files, since the flags were set keep. [Orbit 20680]: Keep. This file has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
08/27/2020	240		ISS_LIS_SC_V1.0_20200827_NQC_20734.hdf ISS_LIS_SC_V1.0_20200827_NQC_20743.hdf ISS_LIS_SC_V1.0_20200827_NQC_20744.hdf	Keep. These are partial good files, since the flags were set keep.
09/02/2020	246		ISS_LIS_SC_V1.0_20200902_NQC_20827.hdf ISS_LIS_SC_V1.0_20200902_NQC_20836.hdf ISS_LIS_SC_V1.0_20200902_NQC_20840.hdf ISS_LIS_SC_V1.0_20200902_NQC_20839.hdf ISS_LIS_SC_V1.0_20200902_NQC_20841.hdf	[Orbits 20827, 20836, and 20840]: Keep. These are partial good files, since the flags were set keep. [Orbit 20839]: Keep. This file has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon. [Orbit 20841]: Keep. This is a partial good file, since the flags were set keep. This file is longer than 1 orbit. [Advisory]: File 20842 was not generated. Some its contents are in the previous file.
09/03/2020	247		ISS_LIS_SC_V1.0_20200903_NQC_20852.hdf	Keep. This is a partial good file, since the flags were set keep.
09/06/2020	250		ISS_LIS_SC_V1.0_20200906_NQC_20903.hdf	Keep. This is a partial good file, since the flags were set keep.
09/07/2020	251		ISS_LIS_SC_V1.0_20200907_NQC_20909.hdf ISS_LIS_SC_V1.0_20200907_NQC_20912.hdf ISS_LIS_SC_V1.0_20200907_NQC_20913.hdf	[Orbit 20909]: Keep. This file has 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group, flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon. [Orbits 20912, 20913]: Keep. These are partial good files, since the flags were set keep.
09/08/2020	252		ISS_LIS_SC_V1.0_20200908_NQC_20925.hdf ISS_LIS_SC_V1.0_20200908_NQC_20931.hdf	Keep. These files have 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
09/10/2020	254		ISS_LIS_SC_V1.0_20200910_NQC_20959.hdf ISS_LIS_SC_V1.0_20200910_NQC_20965.hdf	Keep. These are partial good files, since the flags were set keep.
09/11/2020	255		ISS_LIS_SC_V1.0_20200911_NQC_20973.hdf ISS_LIS_SC_V1.0_20200911_NQC_20974.hdf	Keep. These are partial good files, since the flags were set keep.

09/16/2020	260		ISS_LIS_SC_V1.0_20200916_NQC_21056.hdf	Keep. This is a partial good file, since the flags were set keep.
09/17/2020	261		ISS_LIS_SC_V1.0_20200917_NQC_21062.hdf	Keep. This file have 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
09/20/2020	264		ISS_LIS_SC_V1.0_20200920_NQC_21111.hdf	Keep. This is a partial good file, since the flags were set keep.
09/21/2020	265		ISS_LIS_SC_V1.0_20200921_NQC_21129.hdf	Keep. This file have 0 lightning events,groups, flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
09/22/2020	266		ISS_LIS_SC_V1.0_20200922_NQC_21142.hdf ISS_LIS_SC_V1.0_20200922_NQC_21143.hdf	[Orbit 21142]: Keep. This is a partial good file, since the flags were set keep. [Orbit 21143]: Keep. This is a partial good file, since the flags were set keep. AND Keep. This file have 0 lightning events,groups,flashes or areas but the ISS LIS was operating correctly. The one event,group,flash, and area is a placeholder with a location of (0.0, 0.0) lat,lon.
09/23/2020	267		ISS_LIS_SC_V1.0_20200923_NQC_21156.hdf ISS_LIS_SC_V1.0_20200923_NQC_21157.hdf	Keep. These are partial good files, since the flags were set keep.
09/24/2020	268		ISS_LIS_SC_V1.0_20200924_NQC_21171.hdf ISS_LIS_SC_V1.0_20200924_NQC_21172.hdf ISS_LIS_SC_V1.0_20200924_NQC_21179.hdf	Keep. These are partial good files, since the flags were set keep.
09/30/2020	274		ISS_LIS_SC_V1.0_20200930_NQC_21264.hdf ISS_LIS_SC_V1.0_20200930_NQC_21265.hdf	Keep. These are partial good files, since the flags were set keep.