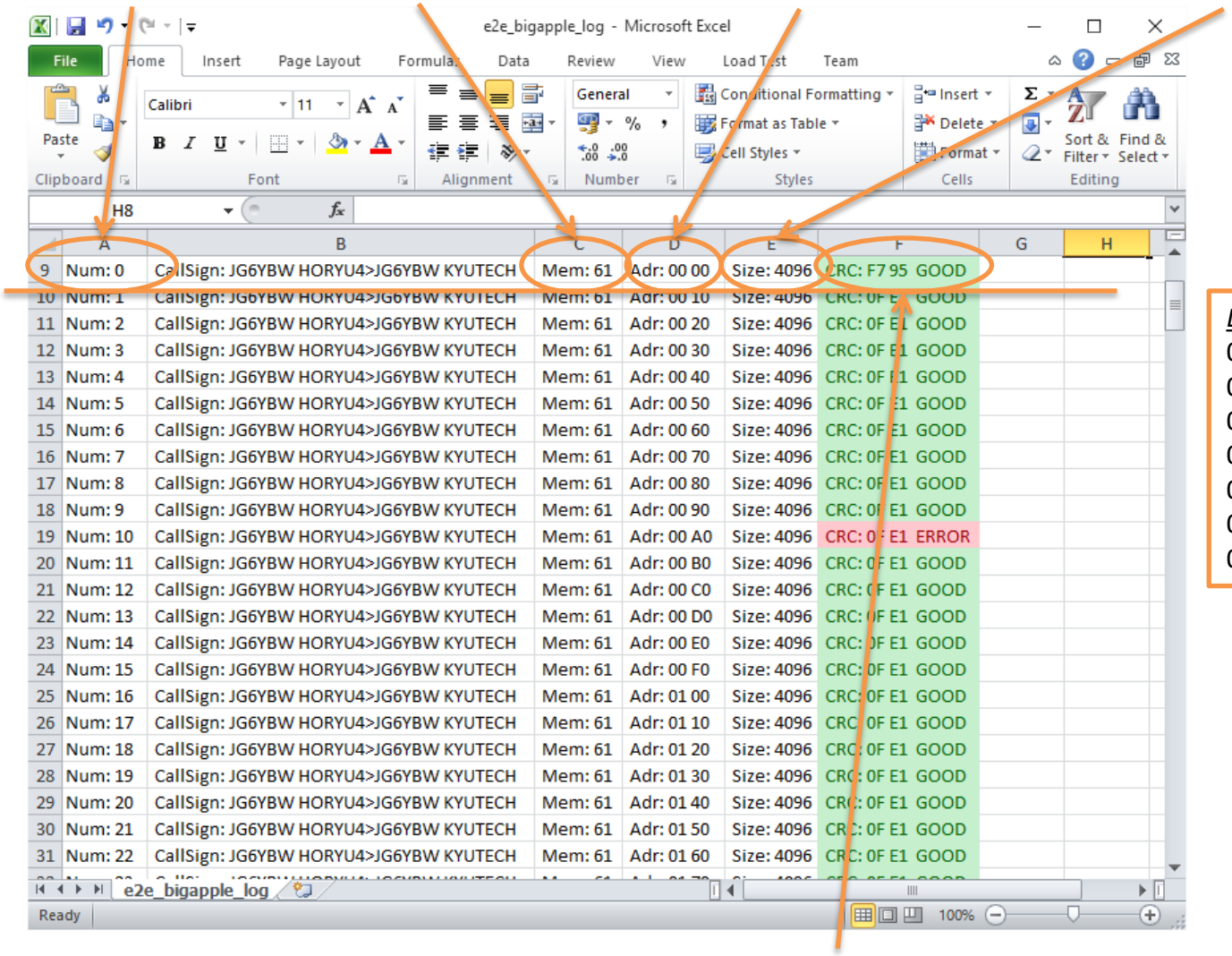
1. How to Read Reception Result

Packet Number

Memory Number

Memory Address (Sector and Page)

Packet Size (Byte)
[usually 4kB = 16pages]



e2e_bigapple_log - Microsoft Excel

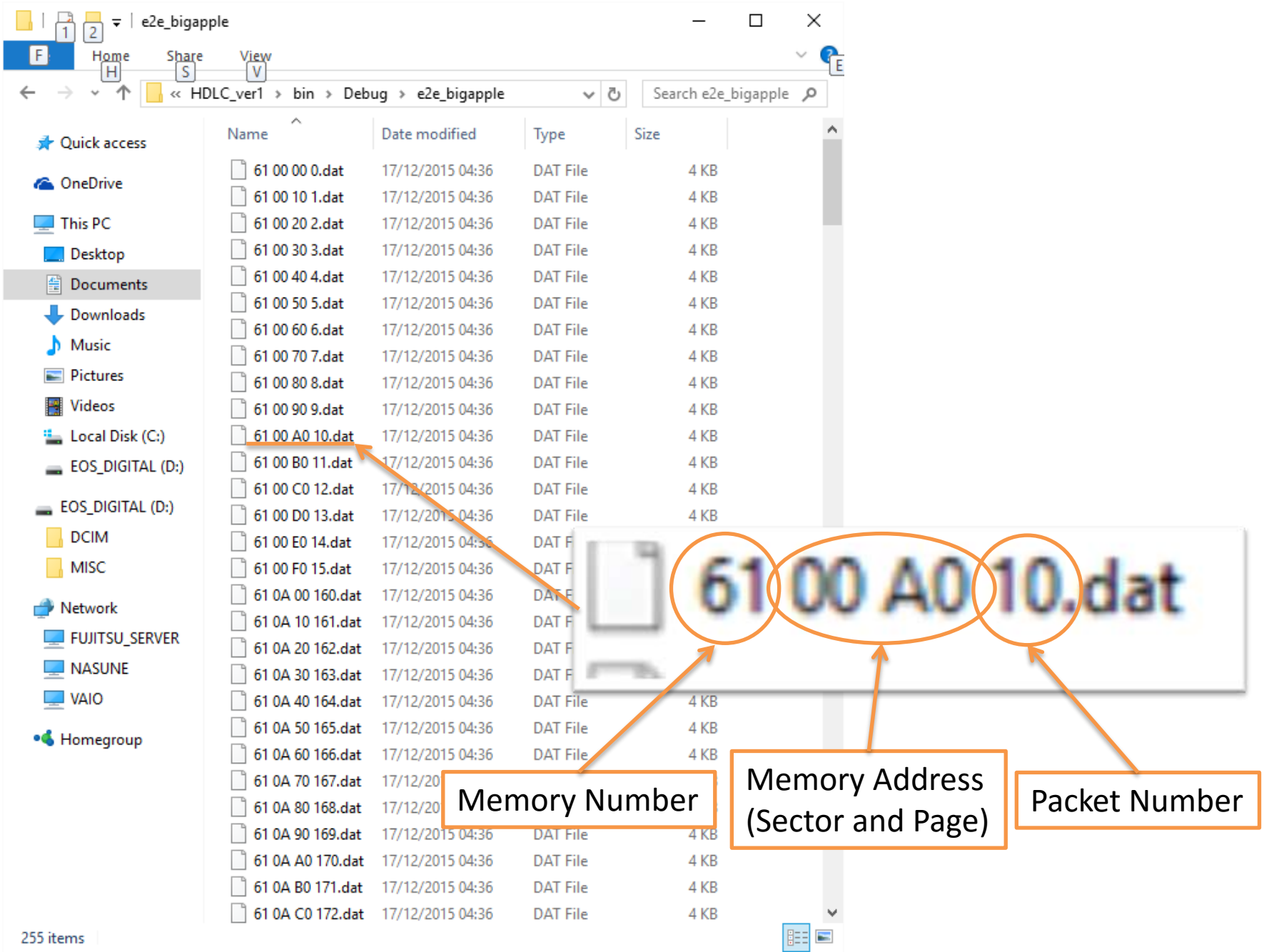
	A	B	C	D	E	F	G	H
9	Num: 0	CallSign: JG6YBW HORYU4>JG6YBW KYUTECH	Mem: 61	Adr: 00 00	Size: 4096	CRC: F7 95 GOOD		
10	Num: 1	CallSign: JG6YBW HORYU4>JG6YBW KYUTECH	Mem: 61	Adr: 00 10	Size: 4096	CRC: 0F E1 GOOD		
11	Num: 2	CallSign: JG6YBW HORYU4>JG6YBW KYUTECH	Mem: 61	Adr: 00 20	Size: 4096	CRC: 0F E1 GOOD		
12	Num: 3	CallSign: JG6YBW HORYU4>JG6YBW KYUTECH	Mem: 61	Adr: 00 30	Size: 4096	CRC: 0F E1 GOOD		
13	Num: 4	CallSign: JG6YBW HORYU4>JG6YBW KYUTECH	Mem: 61	Adr: 00 40	Size: 4096	CRC: 0F E1 GOOD		
14	Num: 5	CallSign: JG6YBW HORYU4>JG6YBW KYUTECH	Mem: 61	Adr: 00 50	Size: 4096	CRC: 0F E1 GOOD		
15	Num: 6	CallSign: JG6YBW HORYU4>JG6YBW KYUTECH	Mem: 61	Adr: 00 60	Size: 4096	CRC: 0F E1 GOOD		
16	Num: 7	CallSign: JG6YBW HORYU4>JG6YBW KYUTECH	Mem: 61	Adr: 00 70	Size: 4096	CRC: 0F E1 GOOD		
17	Num: 8	CallSign: JG6YBW HORYU4>JG6YBW KYUTECH	Mem: 61	Adr: 00 80	Size: 4096	CRC: 0F E1 GOOD		
18	Num: 9	CallSign: JG6YBW HORYU4>JG6YBW KYUTECH	Mem: 61	Adr: 00 90	Size: 4096	CRC: 0F E1 GOOD		
19	Num: 10	CallSign: JG6YBW HORYU4>JG6YBW KYUTECH	Mem: 61	Adr: 00 A0	Size: 4096	CRC: 0F E1 ERROR		
20	Num: 11	CallSign: JG6YBW HORYU4>JG6YBW KYUTECH	Mem: 61	Adr: 00 B0	Size: 4096	CRC: 0F E1 GOOD		
21	Num: 12	CallSign: JG6YBW HORYU4>JG6YBW KYUTECH	Mem: 61	Adr: 00 C0	Size: 4096	CRC: 0F E1 GOOD		
22	Num: 13	CallSign: JG6YBW HORYU4>JG6YBW KYUTECH	Mem: 61	Adr: 00 D0	Size: 4096	CRC: 0F E1 GOOD		
23	Num: 14	CallSign: JG6YBW HORYU4>JG6YBW KYUTECH	Mem: 61	Adr: 00 E0	Size: 4096	CRC: 0F E1 GOOD		
24	Num: 15	CallSign: JG6YBW HORYU4>JG6YBW KYUTECH	Mem: 61	Adr: 00 F0	Size: 4096	CRC: 0F E1 GOOD		
25	Num: 16	CallSign: JG6YBW HORYU4>JG6YBW KYUTECH	Mem: 61	Adr: 01 00	Size: 4096	CRC: 0F E1 GOOD		
26	Num: 17	CallSign: JG6YBW HORYU4>JG6YBW KYUTECH	Mem: 61	Adr: 01 10	Size: 4096	CRC: 0F E1 GOOD		
27	Num: 18	CallSign: JG6YBW HORYU4>JG6YBW KYUTECH	Mem: 61	Adr: 01 20	Size: 4096	CRC: 0F E1 GOOD		
28	Num: 19	CallSign: JG6YBW HORYU4>JG6YBW KYUTECH	Mem: 61	Adr: 01 30	Size: 4096	CRC: 0F E1 GOOD		
29	Num: 20	CallSign: JG6YBW HORYU4>JG6YBW KYUTECH	Mem: 61	Adr: 01 40	Size: 4096	CRC: 0F E1 GOOD		
30	Num: 21	CallSign: JG6YBW HORYU4>JG6YBW KYUTECH	Mem: 61	Adr: 01 50	Size: 4096	CRC: 0F E1 GOOD		
31	Num: 22	CallSign: JG6YBW HORYU4>JG6YBW KYUTECH	Mem: 61	Adr: 01 60	Size: 4096	CRC: 0F E1 GOOD		

List of Memory Numbers

0x11 to 0x14 & 0x91 to 0x94 : OBO
0x21 to 0x24 & 0xA1 to 0xA4 : AVC
0x31 & 0xB1 : HVSA
0x41 : CAM
0x51 : AODS
0x61 : BigApple
0x71 : OBC (Share)

CRC check result
Good means good (no single bit error detected in this packet)
error means this packet has 1 or more bit error
[usually CRC says “0x0FE1” if FLASH memory was empty (only 0xFFF...), otherwise the packet has some data]
Currently, the data bus has data collision issue, so even the CRC says OK, may have some error. This will be solved soon!

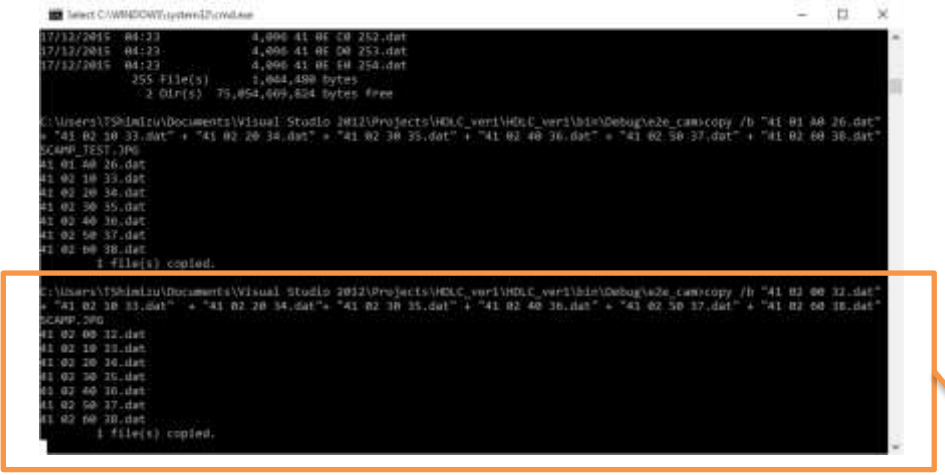
2. How to Find Data

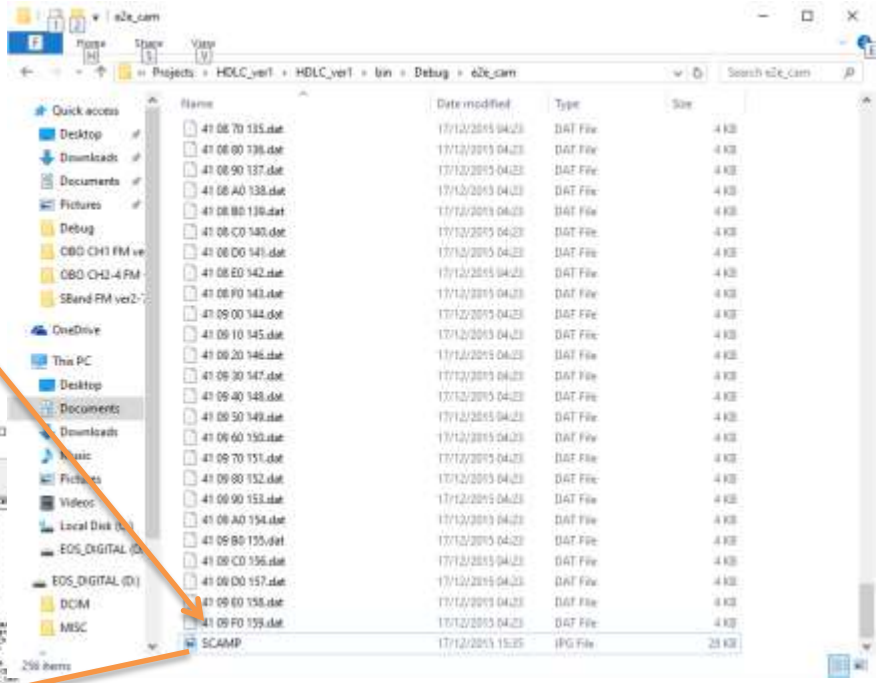


3. How to Marge/Split Data

Marge packets by using “MSDOS copy comand”

For example CAM data…





Jpeg Image (corrected collapsed data)

For further detail about “copy” command, Please google it.