

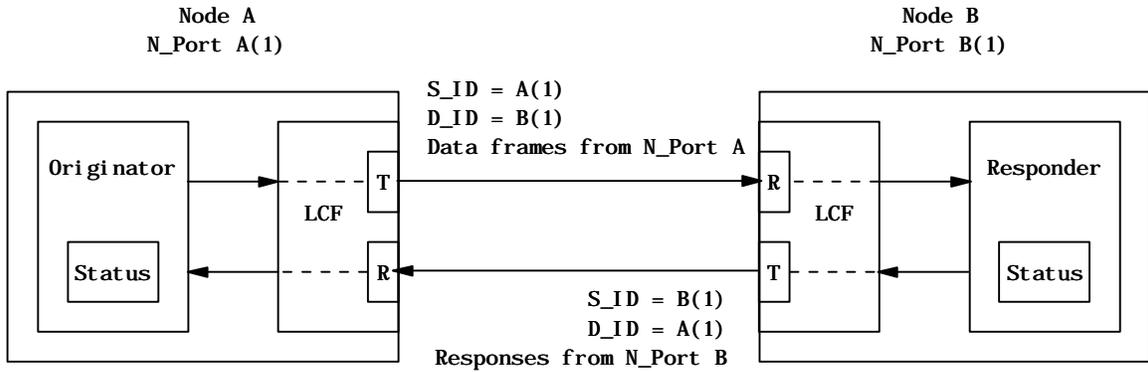
Horst,

All figures are from FC-PH.

Possible error: Figure O.3, the lower table has two entries for frame 3. Should the first row exclude 3?

Just cut and past figures from this document. You will get the adjusted figure and frame.

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Legend: S_ID = Source Identifier
 D_ID = Destination Identifier
 LCF - Link_Control_Facility

Figure L.1 - FC-2 half-duplex communication model example

Figure re-generation for FC-PH rev 4.3 - Group 6

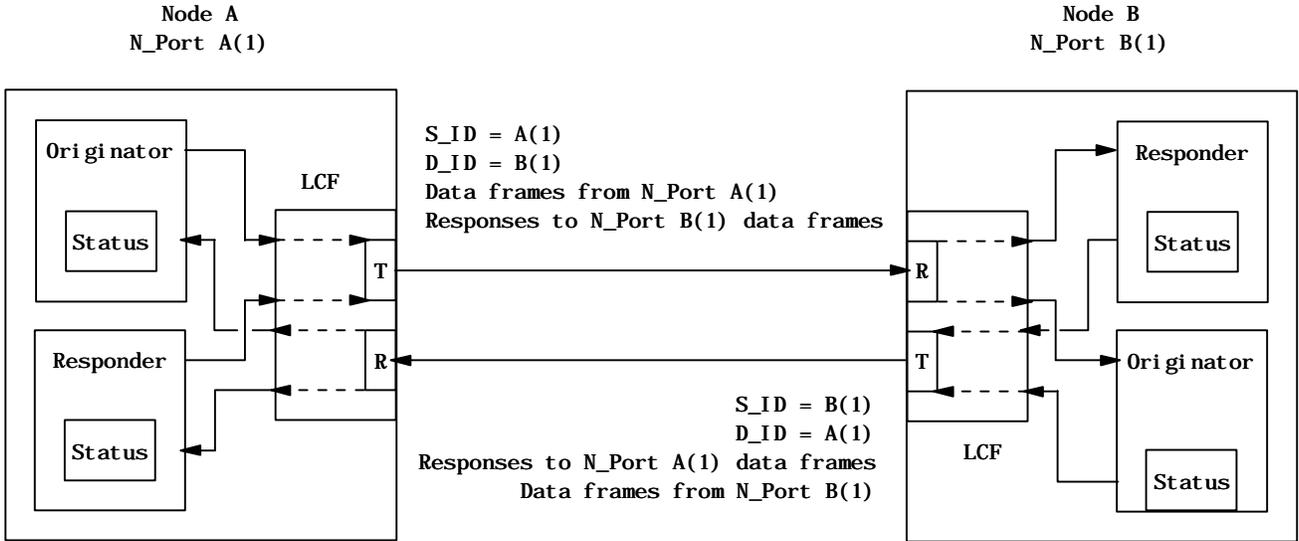
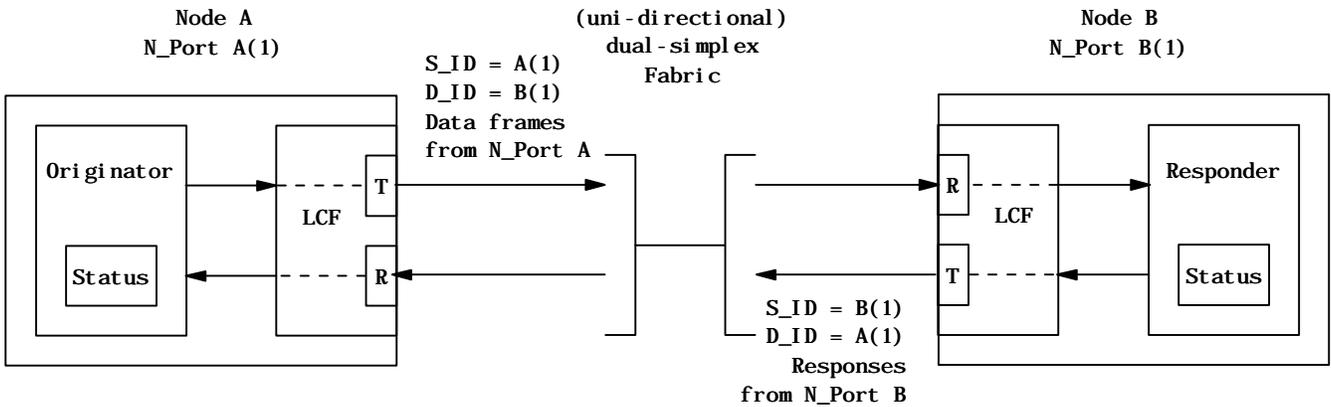


Figure L.2 - FC-2 duplex communication model example



Legend: S_ID = Source Identifier
 D_ID = Destination Identifier
 LCF - Link_Control_Facility

Figure L.3 - FC-2 dual-simplex communication model example

Figure re-generation for FC-PH rev 4.3 - Group 6

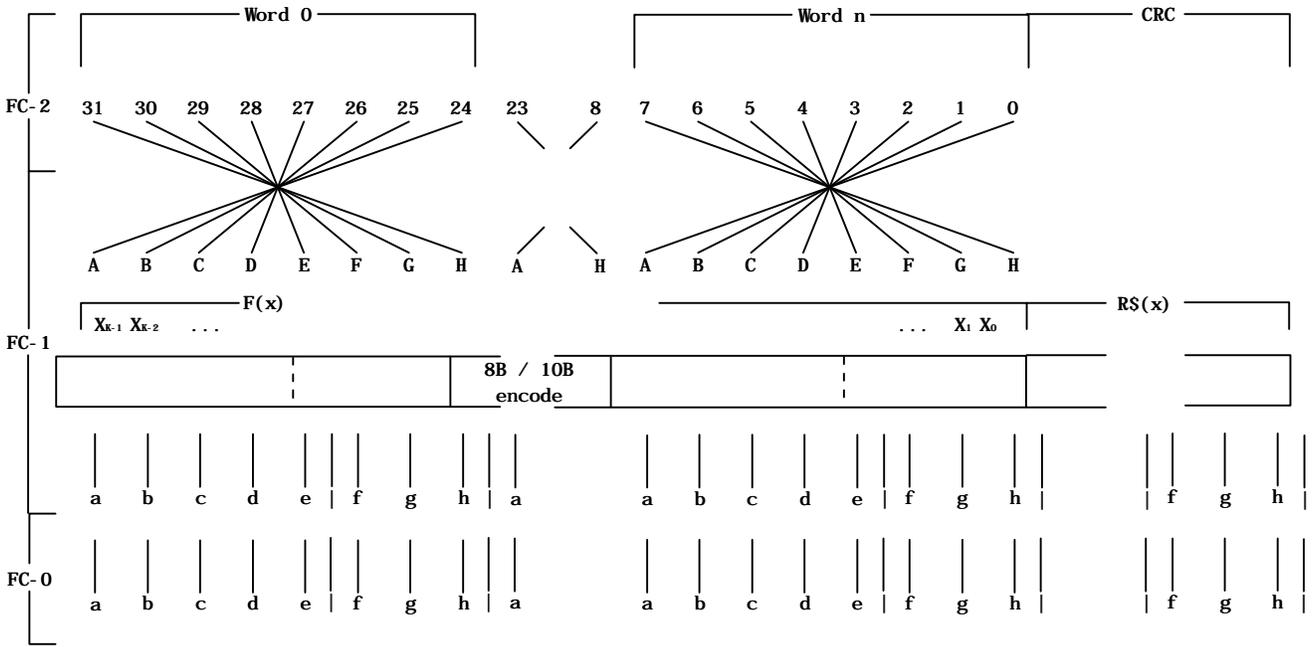


Figure N.1 - CRC coverage and bit ordering

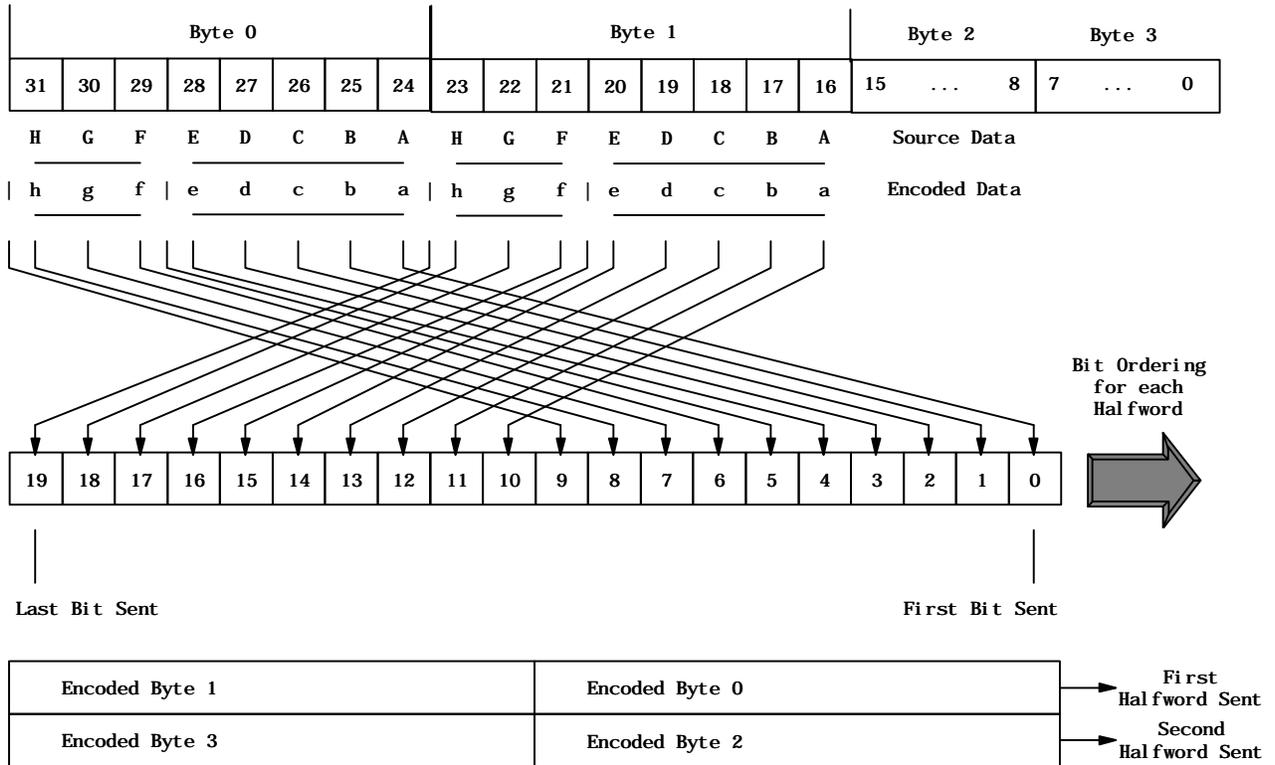


Figure N.2 - Word transmit order

Figure re-generation for FC-PH rev 4.3 - Group 6

Order of SEQ_CNT of Data frames received	0	1	2	3	4	5	6	7	8	9	10	11	12	13
				↓				↓				↓		+
												↓		End_SEQ = 1
ACK_N sent after receiving this frame				a				b				c		d
				↓				↓				↓		↓
SEQ_CNT in ACK_N				3				7				11		13
History bit in Parameter field				0				0				0		0
ACK_CNT in Parameter field				4				4				4		2

ACK_N sent at	ACK_N content			SEQ_CNT of Data frames responded to
	Parameter field		Sequence Count field	
	History bit	ACK_CNT		
a	0	4	3	0, 1, 2 and 3
b	0	4	7	4, 5, 6 and 7
c	0	4	1	8, 9, 10 and 11
d	0	2	13	12 and 13

Figure 0.1 - Example 1 - ACK_N usage

Figure re-generation for FC-PH rev 4.3 - Group 6

Order of SEQ_CNT of Data frames received	0	1	2	3	5	4	6	7	8	10	9	11	12	13
				↓				↓				↓		+
													↓	End_SEQ = 1
ACK_N sent after receiving this frame				a				b				c		d
				↓				↓				↓		↓
SEQ_CNT in ACK_N				3				7				11		13
History bit in Parameter field				0				0				0		0
ACK_CNT in Parameter field				4				4				4		2

ACK_N sent at	ACK_N content			SEQ_CNT of Data frames responded to
	Parameter field		Sequence Count field	
	History bit	ACK_CNT		
a	0	4	3	0, 1, 2 and 3
b	0	4	7	4, 5, 6 and 7
c	0	4	1	8, 9, 10 and 11
d	0	2	13	12 and 13

Figure 0.2 - Example 2 - ACK_N usage

Figure re-generation for FC-PH rev 4.3 - Group 6

Order of SEQ_CNT of Data frames received	0	1	2	4	5	6	7	8	9	10	11	12	13	3
				↓			↓				↓			+
														End_SEQ = 1
ACK_N sent after receiving this frame				a			b				c			d e
				↓			↓				↓			↓ ↓
SEQ_CNT in ACK_N				2			7				11			3 13
History bit in Parameter field				0			1				1			0 0
ACK_CNT in Parameter field				3			4				4			1 1

ACK_N sent at	ACK_N content			SEQ_CNT of Data frames responded to
	Parameter field		Sequence Count field	
	History bit	ACK_CNT		
a	0	3	2	0, 1, 2 and 3
b	1	4	7	4, 5, 6 and 7
c	1	4	11	8, 9, 10 and 11
d	0	1	3	3
e	0	1	13	13

Figure 0.3 - Example 3 - ACK_N usage

Figure re-generation for FC-PH rev 4.3 - Group 6

Order of SEQ_CNT of Data frames received	0	1	2	4	5	6	7	8	9	10	11	12	13	3	
	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
ACK_N sent after receiving this frame	a	b	c	d	e	f	g	h	i	j	k	l		m	n
	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		↓	↓
SEQ_CNT in ACK_N	0	1	2	4	5	6	7	8	9	10	11	12		3	13
History bit in Parameter field	0	0	0	1	1	1	1	1	1	1	1	1		0	0
ACK_CNT in Parameter field	1	1	1	1	1	1	1	1	1	1	1	1		1	1

ACK_N sent at	ACK_N content			SEQ_CNT of Data frames responded to
	Parameter field		Sequence Count field	
	History bit	ACK_CNT		
a - c	0	1	0 - 2	0 - 2
d - l	1	1	4 - 12	4 - 12
m	0	1	3	3
n	0	1	13	13

Figure 0.4 - Example 4 - ACK_1 usage