

	Dale :	
	Dage:	
	1001 11100011000	-
	1	
	01101	_
	£10014	
	01000	_
	(D) 00 1 VV	_
		. ,
	Transmitted Data: > 111000111007	_
		,
$ _{\mathcal{O}}$	Receiver	
	The state of the s	,
-, -, -, -, -, -, -, -, -, -, -, -, -, -	1001 111100011100	_
		1
	@10014	
	01110	
	D10014	- 7
	01170	j
	£1007	
	01111	
and a sign of the	@ 100 T V	
	OLLOI	Sept.
	@10014	-10
	10016	
	A 1001 P	-
Thor	efore, remander	<u>-</u>
the	of soul converse in Dala of come as	7
G	re isn't corrupt in Data. Data is same as	
370	ilaris water while receiving.	
ALC: N		

- AF		Dale :
		Dage:
Dal	En 1 11. Check Sum	101000011
-32	Find the Checkoun for the	data 101010001100
	1100001011100	
	50/7	
	10101000	(8-bits)
Sender	11001100	m 1 2
6	+01011100	(D1010100)
Chec	csum:> 1101000p	+ 11001100
		01110100
15 Com	plement of checkSum:	(1)
	00101110	01110101
Tonce	sitted Data: 11010001 00101110	+01011100
14 41121	objected palas 11010001 00101110	11010001
Par	eiver)	
(Noc		
	1000001	
	+ 00101110	
Checksui		
(NECKSUI	M: LI III LI LI	
Comple	nt of Check Sum: 0000000	
Confliction	no of theckounts 0000000	
	11000 P-000 011- 1	of clashown = somb
	Here, Receiver side complement So, the data is not corrupted	of (MUSUM 1) 2000)
	So, the data is not corrupted	
6		

Date : Page:	•
If the 8th bit from right is Corrupted in the Code, chow how receive detects an error i	00101. hammin
given position. (Using Even parity)	
242	M+7+1 10+4+1
	15 /
For $\gamma_1: 1$ + + + + + + + + + + + + + + + + + +	Y2, Y4, Y8,
101110 x8 07 0 x4 1 x5 x ¹	4
pagity	
V1:010001 → 0	
For Ye!	
10111070107417272	
Parity	
$\gamma_2:111011\rightarrow 1$	
	*
(For 1947)	
101110880108418282	
Parity	
74: 101010 -> 1	
For 80: 1 1 1 1 1 1	
101110 7g 010 7g 1 72 7g	
Pacity	- 1
Y8:101110 → 0	
글로 1	

	Date:
	2 age
Transfer of the second	Contract Contract Code
	Transmitted Datg: Hamming (ode)
	20111000101110
	The state of the s
	Mou.
	Now, It the 8th bit from right is corrupted hamoning
the transfer of	Code :
1.11.00	10111000101110
	San All San All Market And All San All
	Receiver
Carrie	ed >101110101110
Court	
Hammin	Tals Position Ist of r. ray 8 8:
	Finding Panity bit of My, 82, 84 & 8:
	$V: 0100010 \rightarrow 0$
	1.0100010 - 70
	72° 1110111 - 0
	72:10:10101 -> 0
	x8:1011101 -> 1
7, 7, 7, Y,	:1000 => 8.
	There is corrupted data in the 8th place