INDUSTRIAL DATA SYSTEMS CORP

Form 3

December 31, 2001

F O	R M 3		U.S. Se			xchange Commission .C. 20549	OMB Appr OMB Numb Expires: Estimate hours pe
			ITIES Filed Secur ction17(a) d Act of	d pursua rities Ex of the Po f 1935	ant to xchange ublic U or S	ENEFICIAL OWNERSHIP Section 16(a) of Act of 1934, tility Holding Comp ection 30(f) of t of 1940	the any the
1.	Name and Add	ress of Reporti Robert	ing Person W.	2.		of Event Requiring ment (Month/Day/Yr) 12/21/2001	3. IRS or Soc. of Reportin (Vo
	(Last) 600 Cent Building	(First) ury Plaza Drive	(Middle)	4		Name and Tital and	
	Houston	(Street)	77073-6		Symbo	r Name and Ticker or l ustrial Data Systems	-
5.	(Check all a	of Reporting F pplicable) Director		Owner	6.		of Original Day/Year)
	(give title		cify below)		(ndividual or Joint/G Check Applicable Lin X_ Form filed by one	roup Filing e)

 $[\]mbox{\ensuremath{\star}}$ If the Form is filed by more than one Reporting

		curities Beneficiall				
	Title of Security (Instr. 4)	Amount of Securities Beneficially Owned (Instr. 4)	3.	Ownership Form: Direct (D) or Indirect (I)	4. N B C	Jature Benefi Wners (Instr
	Common Stock	 200,646 (see not	te 1)	(D)	-	
		 			-	
Rem	inder: Report on a separate (Print or Type Respons	each class of securi	lties b	eneficially owned	directly	or i
				Page 1		

Table II - Derivative Securities Beneficially Owned (e.g. puts, calls, warrants, options, convertible securities) 2. Date Exercisable and 3. Title and Amount of Se 1. Title of Expiration Date Underlying Derivative Derivative Security (Month/Day/Year) (Instr. 4) Expiration Date Amount or Exercisable Title of Shares Date Common Stock 4/1/1996 4/1/2003 -----(see note 2) Option giving right to buy _____ Common Stock 6/26/2001 10/24/2010 Option giving right to buy (see note 2) Common Stock Option giving right to buy (see note 3) 10/31/2010 (see note 2) 10, Common Stock Option giving right to buy 1/29/2000 9/19/2006 (see note 2) Common Stock Option giving right to buy (see note 4) 9/19/2006 (see note 2) 160, Option giving right to buy (see note 5) 12/21/2006 Common Stock 230,

4.	Conversion or Exercise Price of Derivative Security (Instr. 4)	5.	Ownership Derivative Direct (D) (Instr. 5)		6	Nature of Ind Ownership (Instr. 5)
	\$4.26			(D)		
	\$0.96			(D)		
	\$0.96			(D)		
	\$4.26			(D)		
	\$6.24			(D)		
	Graduated Pricing (see note 6)			(D)		

Explanation of Responses:

- Note 1: All of these shares are subject to a two-year trading restriction which will expire 12/21/03.
- Note 2: IDS common stock has been escrowed by former significant Petrocon Engineering, Inc. shareholders into an option pool reserve for the future redemption of these options.
- Note 3: The option is exercisable in 1/4 increments on 11/1/00, 10/31/01, 10/31/02, and 10/31/03, respectively.
- Note 4: The option is exercisable in equal increments annually over 10-year period beginning 9/16/97.
- Note 5: Grant issued by Alliance 2000 Ltd., a significant IDS stockholder, to reporting person giving option to purchase shares of Common Stock held by Alliance. The option becomes vested and is exercisable only upon the sale of the Company.
- Note 6: The exercise price of the Alliance 2000 Ltd option ranges from \$0.75 to \$1.25 over a five-year period as follows:

12/21/01	to	12/21/02	\$0.75
12/21/02	to	12/21/03	\$0.85
12/21/03	to	12/21/04	\$0.95
12/21/04	to	12/21/05	\$1.10
12/21/05	to	12/21/06	\$1.25

/s/ Robert W. Raiford 12/28/01
-----*Signature of Reporting Person Date

Page 2 of 2

^{**} Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).