

## DATEL 200 SERVICE

## Service Codes

(NOTE:- As this Instruction has been completely revised, individual paragraphs have not been 'starred'. The major amendment is revision of the service codes and the extraction of the 'equipment required' information which is now included in C 1010).

1. **General.** This Instruction identifies the facilities required by the revised service codes, as used on Advice Notes, for the Datel 200 Service.

2. **Service Code.** This will comprise the following:-

(a) A 3-digit datel service number (see par. 3).

(b) Code letter indicating the method of line switching control (see par. 4).

(c) A suffix number specifying the condition on the received data circuit on absence of incoming carrier (see par. 5).

3. **Datel service number.** This 3-digit number denotes the type of Datel 200 Service. The 1st digit (hundreds) will be 2 to denote 200 service. The 2nd (tens) and 3rd (units) digits will be used as indicated in Table 1.

TABLE 1

Digit	Type of terminal/facility
2nd (tens)	
0	Manual calling and manual answering
1	Manual calling with automatic answering on UK connexions
2	Manual calling with international automatic answering
3	Automatic calling with manual answering
4	Automatic calling with automatic answering on UK connexions
5	Automatic calling with international automatic answering
6	Manual calling and manual answering with intercontinental operating facility
3rd (Units)	
1	Booked call facility
2	Received call facility

**4. Code letter.** This will identify the method of line switching as indicated in Table 2.

TABLE 2

Code letter	Method of line switching
R	'Connect Data Set to Line' controlled from the customer's equipment (Note 1)
S	'Connect Data Set to line' controlled from the telephone
T	'Data Terminal Ready' (Note 2)
U	'Connect Data Set to line' controlled from the customer's equipment with automatic answering facility provided and controlled from the telephone

*NOTE 1:-* If automatic answering facility provided, (as indicated by the 2nd digit in Table 1), it will be controlled from the customer's equipment.

*NOTE 2:-* If automatic answering facility provided, (as indicated by the 2nd digit in Table 1), it will be controlled from the telephone.

**5. Suffix number.** This specifies the condition on the received data circuit on absence of incoming carrier signal, as indicated in Table 3, and is obtained by strapping within the modem (see C 3013).

TABLE 3

Digit	Received data circuit condition
1	Hold to mark (Binary 1)
2	Hold to space (Binary 0)

References:- C 1010, C 3013  
(NP 3.1.5)

E N D