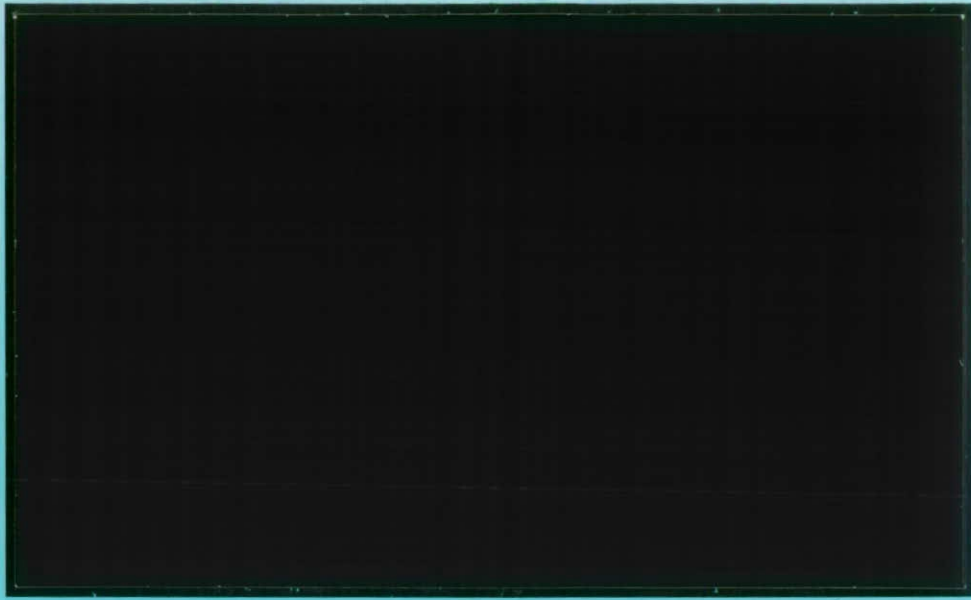


To2071j:1  
26 AUG 1995



**ITE** has administrative headquarters north and south, and the geographical distribution of its 250 staff in six Research Stations throughout Britain allows efficient use of resources for regional studies and provides an understanding of local ecological and land use characteristics.

**This report is an official document prepared under contract between the customer and the Natural Environment Research Council. It should not be quoted without the permission of both the Institute of Terrestrial Ecology and the customer.**

#### **ITE NORTH**

**Edinburgh Research Station**  
and ITE(N) Directorate  
Bush Estate  
Penicuik  
Midlothian EH26 0QB  
Tel: 031 445 4343; Telex 72579  
Fax: 031 445 3943

**Banchory Research Station**  
Hill of Brathens  
Glassel  
Banchory  
Kincardineshire AB31 4BY  
Tel: 033 02 3434  
Fax: 033 02 3303

**Merlewood Research Station**  
Grange-over-Sands  
Cumbria LA11 6JU  
Tel: 05395 32264; Telex 65102  
Fax: 05395 34705

#### **ITE SOUTH**

**Monks Wood**  
and ITE(S) Directorate  
Abbots Ripton  
Huntingdon  
Cambs PE17 2LS  
Tel: 048 73 381; Telex 32416  
Fax: 048 73 467

**Bangor Research Unit**  
University College of North Wales  
Deiniol Road  
Bangor  
Gwynedd LL57 2UP  
Tel: 0248 370045; Telex 61224  
Fax: 0248 355365

**Furzebrook Research Station**  
Wareham  
Dorset BH20 5AS  
Tel: 0929 551518  
Fax: 0929 551087

The ITE Research Marketing Officers for ITE North and South are based at Banchory and Monks Wood, respectively.

INSTITUTE OF TERRESTRIAL ECOLOGY  
(NATURAL ENVIRONMENT RESEARCH COUNCIL)

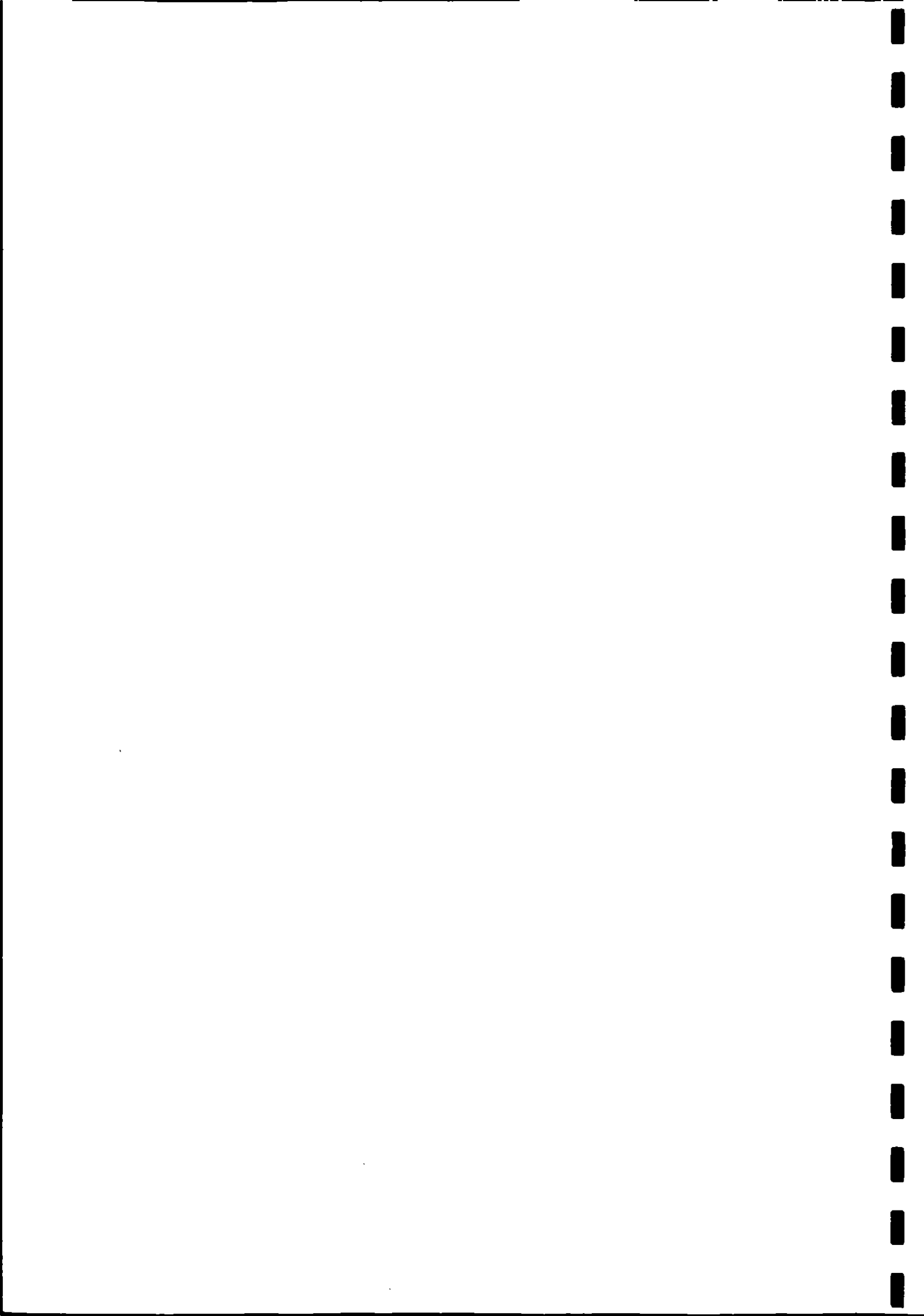
Project No T02071j1

**ITE Land Classification for the  
Isle of Wight**

D C Howard and R G H Bunce

Merlewood Research Station  
Grange-over-Sands  
Cumbria LA11 6JU

August 1993



## Land Use Research Group

### ITE Land Classification for the The Isle of Wight

The following table holds the land class of each square in the Isle of Wight. The format of the table is easting (a three digit number), northing (a three digit number) and land class (one or two digits). The data is ordered by easting as primary key and northing as secondary.

The grid reference follows the Ordnance Survey National Grid, using the numeric convention (Harley 1975). Should a grid reference be held in the alpha-numeric format it can be converted into numeric by removing the two letters and modifying the digits. The Isle of Wight occupies part of one 100 kilometre (km) square, SZ. In terms of a 1 km grid, square SZ starts with easting 400 and northing 0 respectively. Having removed the letters, the remaining digits can be split equally into two parts; the first part is the easting the second northing. The easting and northing equivalents are added to the digits to produce the final grid reference, eg SZ1234 becomes 412 034 (SZ is 400, 0 so 400+12 and 0+34). The six figure grid reference describes a complete 1 km square and on a large scale map (eg 1:50 000) it can be identified by reading the easting value off the horizontal axis and the northing off the vertical. The intersection of lines defines the south west (bottom left) corner of the square.

The ITE land Classification was produced in the late 1970's by multivariate analysis of a number of environmental factors (Bunce *et al.* 1981). It stratifies Great Britain into 32 different groups called land classes; every 1 km square in Great Britain has been allocated to it's land class. Three national surveys (the Countryside Surveys) have been performed to characterise the different land classes (Barr 1990), and the classification is being used to model the consequences of a variety of different changes (eg Bunce *et al.* 1992).

### References

Barr, C.J. (1990) Mapping the changing face of Britain.  
Geographic magazine October 1990.

Bunce, R.G.H., Barr, C.J. and Whittaker, H.A. (1981) Land Classes in Great Britain: preliminary description for users of the method of land classification.  
Merlewood Research and Development paper no. 86. Institute of Terrestrial Ecology;  
Grange-over-Sands.

Bunce, R.G.H., Howard, D.C., Hallam, C.J., Barr, C.J. and Benefield, C.B. (1992). The ecological consequences of land use change.  
Report to the Department of the Environment.

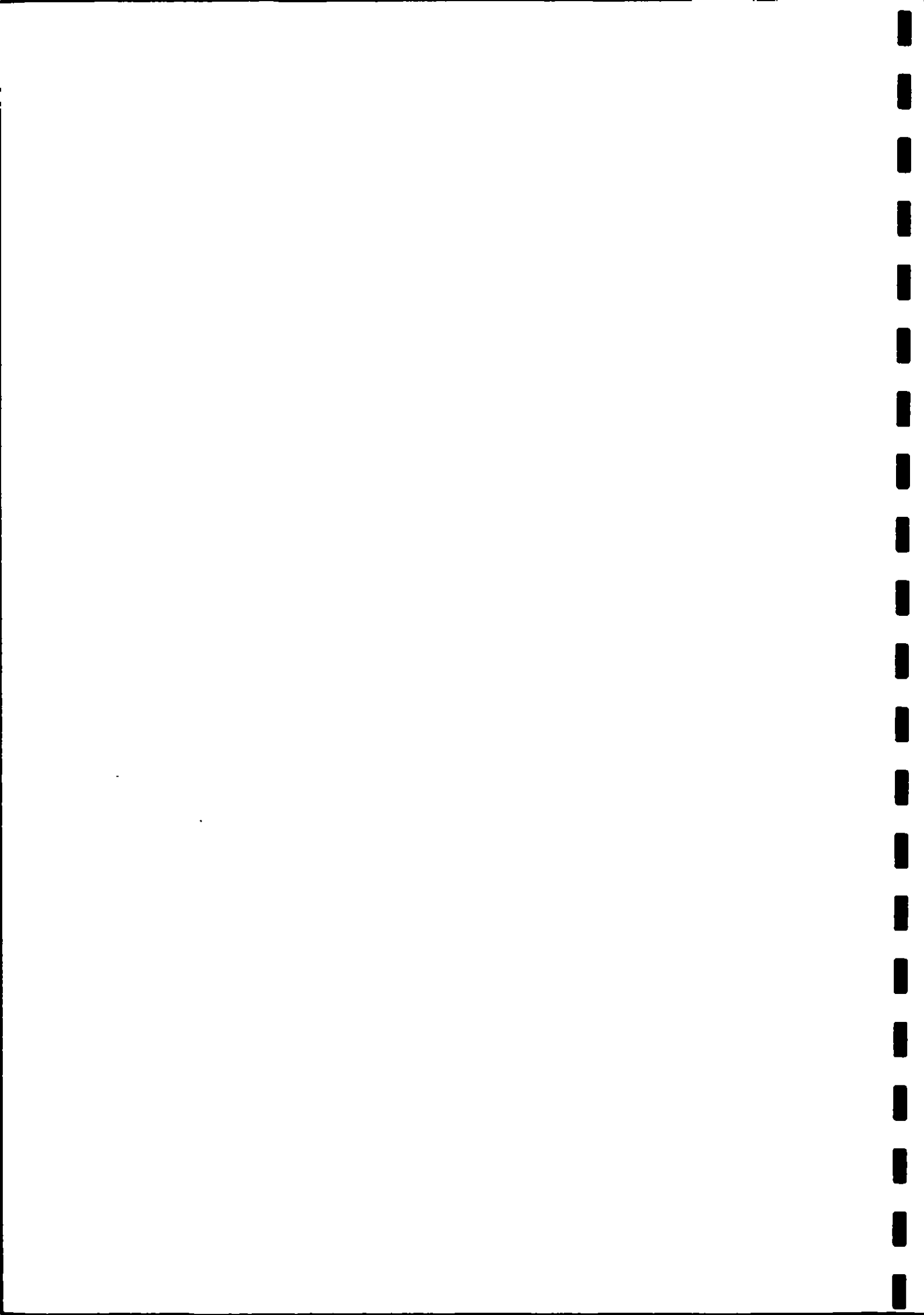
Harley, J.B. (1975) Ordnance Survey Maps: a descriptive manual.  
Ordnance Survey: Southampton.

East	North	LC	East	North	LC	East	North	LC
429	84	7	439	91	8	444	90	8
429	85	4	440	82	8	444	91	8
430	84	7	440	83	6	444	92	8
430	85	7	440	84	3	444	93	8
430	86	7	440	85	3	445	78	7
431	84	7	440	86	3	445	79	7
431	85	3	440	87	3	445	80	4
431	86	7	440	88	3	445	81	4
432	84	7	440	89	8	445	82	4
432	85	7	440	90	8	445	83	4
432	86	7	440	91	8	445	84	2
432	87	7	440	92	8	445	85	3
432	88	7	441	81	8	445	86	3
432	89	8	441	82	8	445	87	3
433	85	7	441	83	3	445	88	3
433	86	3	441	84	3	445	89	3
433	87	4	441	85	3	445	90	3
433	88	4	441	86	3	445	91	3
433	89	8	441	87	3	445	92	3
434	85	7	441	88	3	445	93	7
434	86	4	441	89	8	446	78	7
434	87	8	441	90	8	446	79	4
434	88	8	441	91	8	446	80	4
434	89	8	441	92	8	446	81	4
435	85	7	442	81	8	446	82	4
435	86	3	442	82	3	446	83	3
435	87	8	442	83	3	446	84	3
435	88	8	442	84	3	446	85	2
435	89	8	442	85	3	446	86	3
436	85	7	442	86	3	446	87	3
436	86	3	442	87	3	446	88	3
436	87	3	442	88	3	446	89	3
436	88	3	442	89	3	446	90	3
436	89	8	442	90	8	446	91	3
437	83	7	442	91	8	446	92	3
437	84	7	442	92	8	446	93	8
437	85	3	443	80	8	446	94	7
437	86	3	443	81	8	446	95	7
437	87	3	443	82	3	447	77	7
437	88	4	443	83	4	447	78	7
437	89	3	443	84	3	447	79	4
437	90	8	443	85	3	447	80	4
438	83	7	443	86	3	447	81	4
438	84	3	443	87	3	447	82	4
438	85	3	443	88	3	447	83	3
438	86	3	443	89	3	447	84	3
438	87	3	443	90	8	447	85	3
438	88	4	443	91	8	447	86	4
438	89	3	443	92	8	447	87	3
438	90	8	444	79	8	447	88	3
438	91	8	444	80	8	447	89	3
439	82	8	444	81	3	447	90	3
439	83	3	444	82	4	447	91	3
439	84	3	444	83	4	447	92	3
439	85	3	444	84	3	447	93	3
439	86	3	444	85	3	447	94	3
439	87	3	444	86	3	447	95	8
439	88	3	444	87	3	447	96	8
439	89	4	444	88	3	448	75	7
439	90	4	444	89	3	448	76	7

East	North	LC	East	North	LC	East	North	LC
448	77	7	450	93	8	453	87	4
448	78	4	450	94	8	453	88	3
448	79	4	450	95	8	453	89	3
448	80	4	450	96	8	453	90	3
448	81	4	451	75	7	453	91	4
448	82	4	451	76	4	453	92	4
448	83	4	451	77	4	453	93	8
448	84	4	451	78	2	453	94	8
448	85	4	451	79	3	453	95	8
448	86	4	451	80	4	454	76	7
448	87	3	451	81	3	454	77	4
448	88	4	451	82	3	454	78	3
448	89	3	451	83	4	454	79	4
448	90	3	451	84	4	454	80	4
448	91	3	451	85	4	454	81	4
448	92	3	451	86	4	454	82	3
448	93	4	451	87	3	454	83	3
448	94	4	451	88	3	454	84	4
448	95	4	451	89	4	454	85	4
448	96	8	451	90	3	454	86	4
449	75	7	451	91	8	454	87	4
449	76	4	451	92	8	454	88	3
449	77	4	451	93	4	454	89	3
449	78	4	451	94	4	454	90	3
449	79	4	451	95	3	454	91	8
449	80	3	451	96	8	454	92	8
449	81	4	452	75	7	454	93	8
449	82	4	452	76	4	454	94	8
449	83	4	452	77	4	455	76	7
449	84	3	452	78	4	455	77	8
449	85	4	452	79	3	455	78	4
449	86	3	452	80	3	455	79	4
449	87	3	452	81	3	455	80	4
449	88	4	452	82	4	455	81	3
449	89	4	452	83	4	455	82	4
449	90	4	452	84	4	455	83	3
449	91	4	452	85	4	455	84	3
449	92	3	452	86	4	455	85	4
449	93	3	452	87	3	455	86	3
449	94	8	452	88	3	455	87	3
449	95	8	452	89	3	455	88	3
449	96	8	452	90	3	455	89	3
450	75	7	452	91	3	455	90	4
450	76	4	452	92	3	455	91	3
450	77	4	452	93	4	455	92	8
450	78	4	452	94	3	455	93	7
450	79	3	452	95	8	456	77	7
450	80	3	452	96	8	456	78	3
450	81	4	453	75	7	456	79	4
450	82	4	453	76	7	456	80	4
450	83	4	453	77	3	456	81	3
450	84	4	453	78	4	456	82	3
450	85	4	453	79	4	456	83	4
450	86	6	453	80	4	456	84	4
450	87	3	453	81	3	456	85	4
450	88	4	453	82	4	456	86	3
450	89	8	453	83	4	456	87	3
450	90	8	453	84	4	456	88	3
450	91	8	453	85	4	456	89	3
450	92	8	453	86	4	456	90	3

East	North	LC	East	North	LC
456	91	4	461	87	4
456	92	8	461	88	3
456	93	8	461	89	4
457	77	7	461	90	4
457	78	8	461	91	8
457	79	3	461	92	8
457	80	4	462	85	7
457	81	4	462	86	4
457	82	4	462	87	4
457	83	3	462	88	4
457	84	4	462	89	4
457	85	4	462	90	4
457	86	3	462	91	8
457	87	3	462	92	4
457	88	3	463	85	7
457	89	3	463	86	8
457	90	3	463	87	4
457	91	4	463	88	8
457	92	8	463	89	7
457	93	8	463	90	7
458	78	8	463	91	8
458	79	7	464	85	4
458	80	7	464	86	7
458	81	8	464	87	4
458	82	8	464	88	7
458	83	4	465	87	7
458	84	4	465	88	7
458	85	4			
458	86	4			
458	87	4			
458	88	3			
458	89	3			
458	90	3			
458	91	4			
458	92	8			
458	93	8			
459	82	8			
459	83	8			
459	84	8			
459	85	4			
459	86	3			
459	87	4			
459	88	3			
459	89	3			
459	90	3			
459	91	4			
459	92	8			
459	93	8			
460	84	8			
460	85	4			
460	86	4			
460	87	4			
460	88	3			
460	89	3			
460	90	3			
460	91	4			
460	92	8			
461	84	8			
461	85	8			
461	86	4			







# Library Service

To: Chief Librarian  
ITE Merlewood

TFSD15

Details of a new publication for addition to the ~~TFSD15~~ database

1. Subproject number T
2. Author(s)
3. Date
4. Title
5. Has this publication been refereed? Yes / No

*If 4 is title of a chapter, go to 8*

*If 4 is title of a contract report, go to 13*

6. Journal
7. Vol. and page nos
8. Book title
9. Is 8 the proceedings of a conference or symposium? Yes/No
10. Editor(s)
11. Publisher
12. Page nos of chapter
13. Customer

14. Disclosure Please indicate category and sign statement overleaf

**Please attach, or forward later, one reprint/photocopy of a publication or one copy of a contract report. A reprint/photocopy (of publication, not contract reports) should be given to your Station Librarian.**

# Library Service

**A** Must not be released: *STRICTLY CONFIDENTIAL*

**B** Must be referred to the customer for written approval

Contact name:

Address:

Telephone number:

**C** Must be referred to the author

**D** May be lent or photocopied without the need to seek approval

Signed:

D. Chinn

Date:

17/8/93