

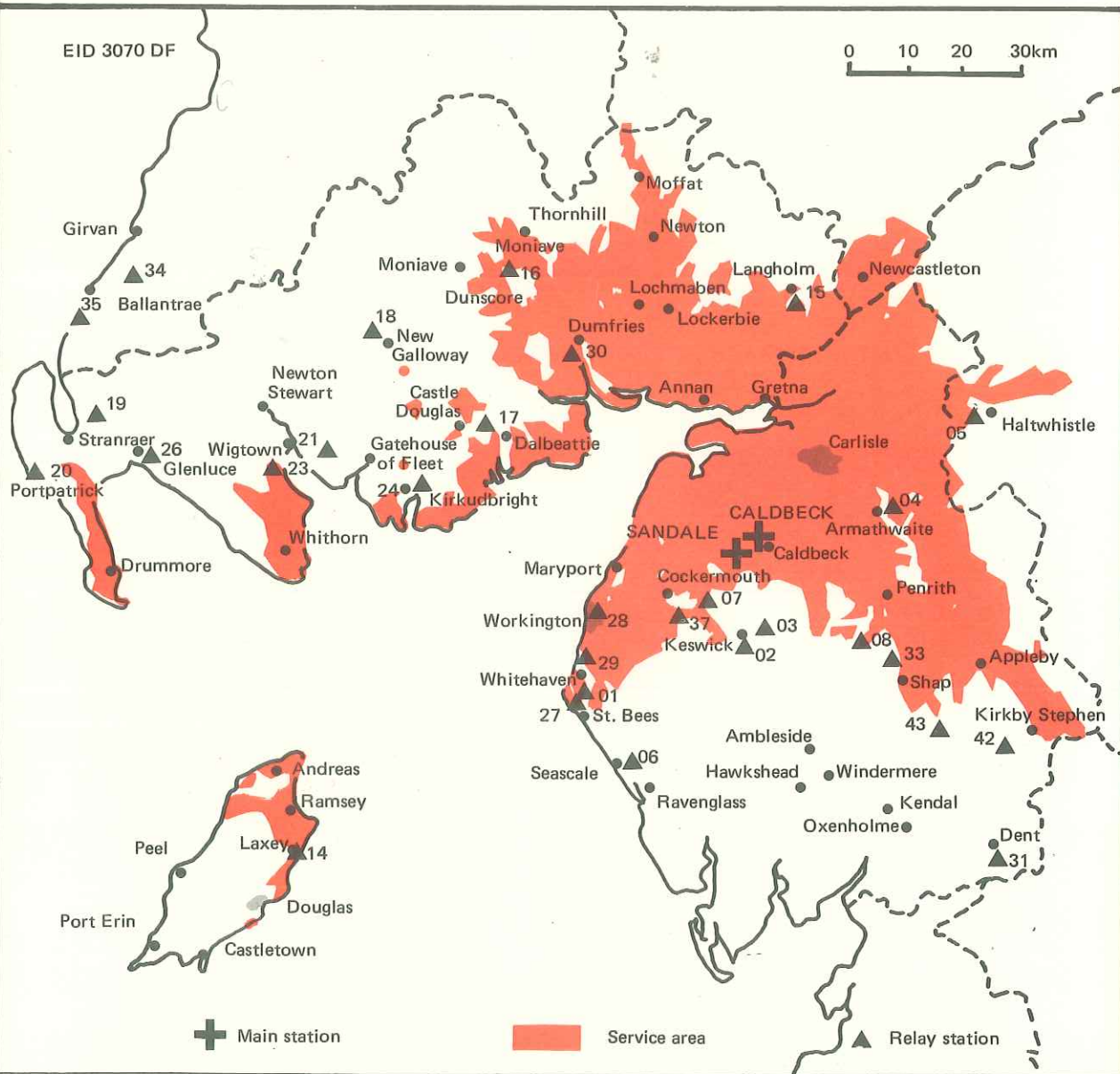


Engineering Information



Caldbeck, Sandale UHF Television

BBC 1	(North East) ch 30	Sandale (Scotland) ch 22
BBC 2	ch 34	
ITV	ch 28	
Channel Four	ch 32	
Maximum ERP (vision)	500 kW	500 kW
Polarisation	horizontal	horizontal
Receiving aerial group	A	A
Mean height of transmitting aerial	311m agl, 600m aod	160m agl, 524m aod
Transmitter site	Caldbeck, Cumbria	Ireby, Cumbria
National Grid Reference	NY 300427	NY 266398



The service area of the Caldbeck station is indicated by the coloured part of the map. The Sandale station uses a directional aerial to provide BBC 1 (Scotland) in Scotland and its service area corresponds to that of Caldbeck in Scotland only. The service area boundaries should not be regarded as a rigid limit. Details of relay stations are shown overleaf.

Relays of Sandale (BBC 1) and Caldbeck (BBC 2, ITV, Ch 4) in Scotland

	BBC 1 Scotland	BBC 2	ITV	Ch 4	Maximum erp (vision) kW	Pol'n	Receiving aerial group	Mean ht of Tx aerial		NGR	
								m agl	m aod		
15	Langholm	57	63	60	53	0.025	V	C/D	37	305	NY 358831
16	Thornhill	57	63	60	53	0.5	V	C/D	48	373	NX 856891
17	Barskeoch Hill	55	62	59	65	2	V	C/D	48	228	NX 811616
18	New Galloway	33	26	23	29	0.1	V	A	27	200	NX 615788
19	Stranraer	57	63	60	53	0.25	V	C/D	47	239	NX 111633
20	Portpatrick	58	64	61	54	0.006	V	C/D	31	116	NX 007545
21	Cambret Hill	44	51	41	47	16	H	B	67	410	NX 524579
23	Creetown	58	64	61	54	0.032	V	C/D	18	72	NX 432559
24	Kirkcudbright	21	27	24	31	0.006	V	A	16	62	NX 686506
26	Glenluce	58	64	61	54	0.015	V	C/D	27	134	NX 204570
30	Dumfries South	40	48	46	50	0.023	V	B	29	41	NX 970741
34	Pinwherry	22	28	25	32	0.056	V	A	29	192	NX 183876
35	Ballantrae	58	64	61	54	0.0066	V	C/D	21	89	NX 089827

Relays of Caldbeck (all channels) in England and Isle of Man

	BBC 1 North East	BBC 2	ITV	Ch 4	Maximum erp (vision) kW	Pol'n	Receiving aerial group	Mean ht of Tx aerial		NGR	
								m agl	m aod		
01	Whitehaven	40	46	43	50	2	V	B	50	183	NX 992123
02	Keswick	21	27	24	31	0.12	V	A	48	226	NY 279224
03	Threlkeld	57	63	60	53	0.011	V	C/D	24	258	NY 313256
04	Ainstable	52	45	42	49	0.1	V	B	16	235	NY 539466
05	Haltwhistle	55	62	59	65	2	V	C/D	50	241	NY 675628
06	Gosforth	58	64	61	54	0.05	V	C/D	47	91	NY 069012
07	Bassenthwaite	52	45	49	42	0.16	V	B	38	138	NY 207305
08	Pooley Bridge	48	40	46	50	0.013	V	B	19	232	NY 477234
14	Laxey	58	64	61	54	0.025	V	C/D	49	140	SC 437836
27	St. Bees	58	64	61	54	0.012	V	C/D	24	35	NX 967115
28	Workington	58	64	61	54	0.01	V	C/D	19	56	NY 001277
29	Bleachgreen	57	63	60	53	0.006	V	C/D	29	149	NX 984199
31	Dentdale	57	63	60	53	0.052	V	C/D	16	284	SD 727854
33	Lowther Valley	48	40	46	50	0.026	V	B	23	259	NY 520199
37	Lorton	57	63	60	53	0.05	V	C/D	24	219	NY 155278
42	Ravenstonedale	57	63	60	53	0.011	V	C/D	29	355	NY 733047
43	Orton	40	46	43	50	0.031	V	B	31	274	NY 618071