

SECTION A: BASE INFORMATION

Table A1: Connected and billed properties

						10	20
Line	Description	Ofwat	WICS	Units	Field		Report Year +1
Ref.		Reference	Reference		Туре	Report Year	Forecast
		JR 07	AR 06		· ypc	2006-07 CG	2007-08 CG
		OR O	AITOO			2000-07	2007-00 00
	Billed Properties - Water						
1.1	Unmeasured household billed properties - potable water (including exempt)	T7, L11	A1.1 + A1.10a	Nr	I	2287706 B2	2304940 B2
41.2	Measured household billed properties - potable water	T7, L12 + L13	A1.12	Nr	- 1	595 A2	595 A2
41.3	Unmeasured non-household billed properties - potable water (including exempt)	T7, L16	A1.66	Nr	I	49115 A2	49115 A2
11.4	Measured non-household billed properties - potable water	T7, L17	A1.22	Nr	1	79271 A2	79771 A2
A1.5	Total number of billed properties - potable water	T7, L14 + L18	-	Nr	С	2416687 B2	2434421 B2
	Connected Properties - Water						
A1.6	Unmeasured household connected properties	- 1	A1.1 + A1.10a + A1.11	Nr	ı	2342414 B2	2359665 B2
41.7	Measured household connected properties	-	A1.12 + A1.13	Nr	ı	595 A2	595 A2
A1.8	Unmeasured non-household connected properties	-	A1.66 + A1.67	Nr	I	56780 A2	56780 A2
A1.9	Measured non-household connected properties	-	A1.22	Nr	ı	83103 A2	83603 A2
41.10	Total number of connected properties	-	A1.69	Nr	С	2482892 B2	2500643 B2
A1.11	Number of properties connected during the report year	T7, L1	A1.70	Nr	I	25525 B2	26025 B2
	Billed Properties - Foul Sewerage						
A1.12	Unmeasured household billed properties (including exempt)	T13, L1	A3.1 + A3.12b	Nr	_	2209816 B2	2227049 B2
A1.13	Measured household billed properties	T13, L2	A3.14	Nr		222 A2	222 A2
A1.14	Unmeasured non-household billed properties (including exempt)	T13, L4	A3.73	Nr	i	45428 A2	45428 A2
A1.15	Measured non-household billed properties	T13, L5	A3.26	Nr	ı	58445 A2	58945 A2
A1.16	Total number of billed properties	T13, L3 + L7	-	Nr	С	2313911 B2	2331644 B2
	Connected Properties - Foul Sewerage						
A1.17	Unmeasured household connected properties		A3.1 + A3.12b + A3.13	Nr		2262924 B2	2280175 B2
A1.17	Measured household connected properties		A3.26 + A3.30	Nr	+	2202924 B2 222 A2	220 173 B2 222 A2
A1.19	Unmeasured non-household connected properties	-	A3.73 + A3.76	Nr		54838 A2	54838 A2
A1.20	Measured non-household connected properties	-	A3.14 + A3.17	Nr	i	61654 A2	62154 A2
A1.21	Total number of connected properties	-	-	Nr	С	2379638 B2	2397389 B2
A1.22	Number of properties connected during the report year	-	-	Nr	I	24315 B2	24815 B2
	Billed Properties - Surface Drainage						
A1.23	Unmeasured household billed properties (including exempt) not billed for property drainage	- 1	A3.12a	Nr	_	0 A2	0 A2
A1.24	Measured household billed properties not billed for property drainage	-	A3.16	Nr	÷	12 A2	12 A2
A1.25	Unmeasured non-household billed properties not billed for property drainage	-	A3.75a	Nr	- i -	21 A2	21 A2
A1.26	Measured non-household billed properties not billed for property drainage	-	A3.29a	Nr	i	391 A2	391 A2
A1.27	Household properties billed for surface drainage only	-	A3.11 + A3.15	Nr	i	0 A2	0 A2
A1.28	Non-household properties billed for surface drainage only	-	A3.28 + A3.74	Nr	I	10989 A2	10989 A2
A1.29	Total number of billed properties	-	-	Nr	С	2390203 A2	2407954 A2
	Connected Properties - Surface Drainage						
A1.30	Unmeasured household connected properties		-	Nr I		2262924 B2	2280175 B2
A1.31	Measured household connected properties	-	-	Nr	i	200 A2	200 A2
A1.32	Unmeasured non-household connected properties	-	-	Nr	ı	63950 A2	63950 A2
A1.33	Measured household connected properties	-	-	Nr	I	59947 A2	60447 A2
A1.34	Total number of connected properties	-	-	Nr	С	2387021 B2	2404772 B2
A1.35	Number of properties connected during the report year	-	-	Nr	I	24315 B2	24815 B2
	Trade Effluent						
A1.36	Billed Properties	- 1	-	Nr	_	1744 A2	1744 A2
A1.37	Connected Properties	-	-	Nr	I	3352 A2	3352 A2
A1.38	Trade effluent load receiving secondary treatment (BOD/yr)	-	-	tonnes	ı	31221 A2	31221 A2
A1.39	Trade efluent load receiving secondary treatment (COD/yr)	-	-	tonnes	I	71428 A2	71428 A2
Dronoro	J bur		Doto: 45/00/07				
	l by:		Date: 15/06/07 Date: 15/06/07				
: hecker							
	ed by: Geoff Aitkenhead		Janot 16,00,01				

Edition 5

Table 1 of 2

SCOTTISH WATER

Authorised by: Geoff Aitkenhead

ANNUAL RETURN INFORMATION REQUIREMENTS



SECTION A: BASE INFORMATION
Table A1: Connected and billed properties

ine ef.	Description	Ofwat Reference JR 07	WICS Reference AR 06	Units I	ype	Report Year 2006-07	Report Year +1 Budget 2
						Comment Necessary?	Comment Necessar
	Billed Properties - Water						
.1	Unmeasured household billed properties - potable water (including exempt)	T7, L11	A1.1 + A1.10a	Nr	Ι	Y	Y
.2	Measured household billed properties - potable water	T7, L12 + L13	A1.12	Nr	I	Y	N
.3	Unmeasured non-household billed properties - potable water (including exempt)	T7, L16	A1.66	Nr	<u> </u>	Y	N
.4 .5	Measured non-household billed properties - potable water Total number of billed properties - potable water	T7, L17 T7, L14 + L18	A1.22	Nr Nr	C	Y Y	N Y
	Connected Properties - Water						
6	Unmeasured household connected properties	-	A1.1 + A1.10a + A1.11	Nr	<u> </u>	Y .	Y
7 8	Measured household connected properties Unmeasured non-household connected properties	-	A1.12 + A1.13 A1.66 + A1.67	Nr Nr	+	, v	N N
9	Measured non-household connected properties Measured non-household connected properties	+ : +	A1.00 + A1.07 A1.22	Nr	†	v v	N N
10	Total number of connected properties	 	A1.69	Nr	C	v v	Y
11	Number of properties connected during the report year	T7, L1	A1.70	Nr	Ĭ	Ý	Ÿ
					_		
	Billed Properties - Foul Sewerage	710.14	10.4 10.40		_	*	
12 13	Unmeasured household billed properties (including exempt) Measured household billed properties	T13, L1 T13, L2	A3.1 + A3.12b A3.14	Nr Nr	+	, v	N N
14	Unmeasured non-household billed properties (including exempt)	T13, L4	A3.14 A3.73	Nr	† 	v v	N N
15	Measured non-household billed properties	T13, L5	A3.26	Nr	+	v v	N
6	Total number of billed properties	T13, L3 + L7	-	Nr	C	Ÿ	Y
					_		
17	Connected Properties - Foul Sewerage		10.4 10.40 10.40		_	*	
18	Unmeasured household connected properties Measured household connected properties	+ : +	A3.1 + A3.12b + A3.13 A3.26 + A3.30	Nr Nr	+ 	, v	Y N
19	Unmeasured non-household connected properties		A3.73 + A3.76	Nr	†	v v	N
20	Measured non-household connected properties	1	A3.14 + A3.17	Nr	i	Ÿ	N N
21	Total number of connected properties		-	Nr	C	Ý	Y
22	Number of properties connected during the report year	-	-	Nr	I	Y	Y
	Billed Properties - Surface Drainage				_		
23	Unmeasured household billed properties (including exempt) not billed for property drainage	- 1	A3.12a	Nr	_	Y	N
24	Measured household billed properties not billed for property drainage	-	A3.16	Nr	i	Ÿ	N
25	Unmeasured non-household billed properties not billed for property drainage	-	A3.75a	Nr	T	Υ	N
26	Measured non-household billed properties not billed for property drainage	-	A3.29a	Nr	I	Y	N
27	Household properties billed for surface drainage only	-	A3.11 + A3.15	Nr	I	Υ	N
28	Non-household properties billed for surface drainage only	-	A3.28 + A3.74	Nr	1	Y	N
29	Total number of billed properties	-	-	Nr	С	Y .	N
	Connected Properties - Surface Drainage						
30	Unmeasured household connected properties	-	-	Nr		Y	Y
31	Measured household connected properties	-	-	Nr	1	Y	N
32	Unmeasured non-household connected properties	-	-	Nr	<u> </u>	Y	N
33	Measured household connected properties			Nr	1	Y	N
34 35	Total number of connected properties Number of properties connected during the report year	+ : +		Nr Nr	C	Y V	, T
.55	Number of properties connected during the report year		-	141	<u></u>		•
	Trade Effluent						
36	Billed Properties	-		Nr	 	Y	N
37 38	Connected Properties Trade effluent load receiving secondary treatment (BOD/yr)	-	-	Nr tonnes	1	T V	N N
.38	Trade effluent load receiving secondary treatment (BOD/yr) Trade effluent load receiving secondary treatment (COD/yr)	+ : +	<u> </u>	tonnes	+	Y	N N
		- 1		20111100		•	
	d by:		Date: 15/06/07		\neg		

Date: 15/06/07

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SECTION A : BASE INFORMATION Table A2: Population, volumes and loads

						10	20
Line	Description	Ofwat	WICS	Units	Field		Report Year +1
Ref.		Reference	Reference		Type	Report Year	Forecast
		JR 07	AR 06			2006-07 CG	2007-08 CG
	Summary - Population - Water					•	
A2.1	Winter	-	A1.71	000	I	4954.73 B2	4961.50 B2
42.2	Summer	-	A1.72	000		5212.07 B2	5218.84 B2
	Household - Population - Water					i	
A2.3	Population of unmeasured household properties	T7, L31	A1.73	000	- 1	4867.58 B2	4873.31 B2
A2.4 A2.5	Population of measured household properties Household population connected to the water service	T7, L32	A1.74 A1.75	000	C	1.30 B2 4868.88 B2	1.30 B2 4874.60 B2
NZ.0	Trouseriola population connected to the water service		A1.75	000	Ü	4000.00 BZ	4074.00 B2
	Summary - Population - Waste water					•	
A2.6	Winter	-	A3.81	000		4954.733 B2	4961.500 B2
A2.7 A2.8	Summer Household Population connected to the wastewater service	-	A3.82 A3.83	000	+	5212.073 B2 4707.803 B2	5218.840 B2 4714.491 B2
A2.9	Assumed percentage returned to sewer	-	A3.84	%	I	95.00% A2	95.00% A2
	Water Balance					•	
A2.10	Water treated at own works to own customers	T10, L33	-	MI/d	1	2295.935 C4	2148.673 C4
A2.11	Distribution input treated water	T10, L30	-	MI/d	1	2295.935 C4	2148.727 C4
A2.12 A2.13	Unmeasured household volume of water delivered Measured household volume of water delivered	T10, L4 T10, L1	A2.1 A2.5	MI/d MI/d		892.362 C4 0.330 A2	894.483 C4 0.330 A2
A2.14	Unmeasured non-household volume of water delivered	T10, L5	sum(A2.22:A2.25)	MI/d	i	64.314 C4	64.314 C4
A2.15 A2.16	Measured non-household volume of water delivered	T10, L2	sum(A2.9:A2.16)	MI/d	1	439.959 A2	440.463 A2
A2.16 A2.17	Total volume (potable water) Water taken unbilled	T10, L3 + L6 T10, L23	-	MI/d MI/d	C	1396.965 B3 43.657 D4	1399.591 B3 43.657 D4
A2.18	Leakage - distribution losses (incl trunk mains and service reservoirs)	T10, L29		MI/d	i	855.312 D4	705.479 D4
A2.19	Overall water balance (sum of line A2.16 to A2.18 = A2.11)	T10, L34	-		I	C4	C4
	Water delivered - non-potable					•	
A2.20	Volume of non-potable water delivered	T10, L25	A2.17	MI/d	1	12.943 C5	12.943 C5
						•	
A 2 24	Water delivered - components	T10, L32	A2 44	MI/a		0.000 N	0.000 N
A2.21 A2.22	Bulk supply imports Bulk supply exports	T10, L32	A2.41 A2.42	MI/d MI/d	-	0.000 N 0.000 N	0.000 N 0.000 N
A2.23	Estimated water delivered per unmeasured non-household	T10, L11	-	l/prop/d	C	1309.46 A2	1309.46 A2
A2.24	Estimated water delivered per measured non-household	- T10 140	- 40.4	l/prop/d	С	5550.07 A2	5521.60 A2
	Per capita consumption (unmeas'd h'hold - excl s/pipe leakage) Per capita consumption (meas'd h'hold - excl s/pipe leakage)	T10, L12 T10, L13	A2.4 A2.8	I/h/d I/h/d	C	154.62 C4 243.85 C2	154.66 C4 243.85 C2
A2.27		T10, L21	A2.34	MI/d	Ī	34.494 D4	34.494 D4
	Water taken unbilled - illegally	T10, L22	A2.35	MI/d	1	5.396 D4	5.396 D4
A2.29 A2.30	Water taken unbilled - Distribution system operational use Total leakage - total losses	T10, L20 T10, L29	A2.33 A2.37	MI/d MI/d	C	3.768 D4 1003.820 C4	3.768 D4 855.054 C4
A2.31	Leakage - supply pipe losses	-	-	MI/d	Ī	148.509 C4	149.575 C4
A2.32	Underground supply pipe leakage (unmeasured households, including exempt)	T10, L14	-	l/prop/d	<u> </u>	61.08 C4	61.08 C4
A2.33 A2.34	Underground supply pipe leakage (metered households) Underground supply pipe leakage (unmeasured non-households, including exempt)	T10, L15 + L16	-	l/prop/d	+	22.82 C4 52.79 C4	22.82 C4 52.79 C4
A2.35	Underground supply pipe leakage (metered non-households)	-		l/prop/d	i	26.00 C4	26.00 C4
A2.36 A2.37	Underground supply pipe leakage (void properties) Meter under-registration (measured households) (included in water delivered)	T10, L17 T10, L18	- A2.7	I/prop/d MI/d	1	62.16 C4 0.010 C3	62.16 C4 0.010 C3
	Meter under-registration (measured non-households) (included in water delivered)	T10, L19	A2.21	MI/d	i	20.144 C3	20.167 C3
	O Value						•
A2.39	Sewage - Volumes Unmeasured household volume (including exempt)	T14, L1	A4.1	MI/d		660.51 C4	661.45 C4
A2.40	Measured household volume	- 114, 21	-	MI/d	i	0.057 A2	0.057 A2
A2.41	Unmeasured non-household foul volume (including exempt)	L14, L2	sum(A4.2:A4.5)	MI/d		45.249 B3	43.257 B3
A2.42 A2.43	Measured non-household foul volume Trade effluent volume	L14, L5	sum(A4.8:A4.15) A4.16	MI/d MI/d		132.883 A2 117.026 A3	133.050 A2 117.026 A3
A2.44	Total volume	L14, L3 + L4	A4.18	MI/d	Ċ	955.722 C4	954.836 C4
A2.45	Volume septic tank waste	T14, L8	A4.19	MI		29.660 B3	29.702 B3
	Sewage - Load (BOD/yr)					ı	
A2.46	Unmeasured household load (including exempt)	-	-	tonnes		103090.264 B3	103236.748 B3
A2.47	Measured household load	-	-	tonnes	i	10.622 B4	10.622 B4
	Unmeasured non-household foul load (including exempt)	-		tonnes	-	4954.772 B4	4959.935 B4
A2.49 A2.50		-	-	tonnes		14550.738 B3 32930.855 B3	14550.738 B3 32930.855 B3
A2.51	Total load discharged from primary services	-	-	tonnes	Ċ	155537.251 B4	155688.898 B4
	Private septic tank load	-	-	tonnes	<u> </u>	111.101 B3 81.001 B3	111.101 B3 81.001 B3
	Public septic tank load Other tanker load			tonnes		80.619 B3	80.619 B3
A2.55	Total load entering sewerage system (BOD/yr)	-	A4.34	tonnes	Ċ	155809.972 B4	155961.619 B4
A2.56 A2.57	Average COD concentration Average suspended solids concentration	T15, L22 T15, L23	A4.35 A4.36	mg/l mg/l	+	350.00 B2 250.00 B2	350.00 B2 250.00 B2
A2.58	Equivalent population served (resident)	-	A4.37	000	i	7195.537 B3	7204.000 B3
A2.59	Equivalent population served (resident)(numerical consents) Total load receiving treatment through PPP treatment works	- :	A4.38 A4.39	000 tonnes	-	6981.723 B3 71938.007 B3	6989.935 B3 72022.617 B3
E.0U	Train tous receiving dealinetic unough FFF dealinetic works		A4.03	torines		7 1930.007 D3	72022.017 83
	Sewage Sludge Disposal						
A2.61	Total sewage sludge disposal	T15, L47	A4.52	ttds		123.559 B3	123.706 B3
A2.62	Percentage unsatisfactory sludge disposal	T15, L48	A4.53	%		0.00 A1	0.00 A1
Prenan	ed by:		Date: 21/09/07				
Checke	ed by:		Date: 21/09/07				
Authori	ised by: Geoff Aitkenhead		Date: 21/09/07				

Edition 5.4

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Date: Feb 2007
Revision: 10.0



SECTION A : BASE INFORMATION
Table A2: Population, volumes and loads

	Description	Ofwat	WICE	Unite Field	10	20
•	Description	Ofwat	WICS	Units Field	Depart Veer 2006 07	Report Year +1 Budget
		Reference JR 07	Reference AR 06	Туре	Report Year 2006-07	Report Tear +1 Budge
_		OK O	AROU			
					Comment Necessary?	Comment Necess
	Summary - Population - Water					
	Winter	-	A1.71	000 I	Y .	Y
.2	Summer	-	A1.72	000 I	Y	Y
	Household - Population - Water					
2.3	Population of unmeasured household properties	T7, L31	A1.73	000 I	Y	Y
	Population of measured household properties Household population connected to the water service	T7, L32	A1.74 A1.75	000 I 000 C	Y	Y
.5	riouseriola population connected to the water service	-	A1.75	000 C		•
	Summary - Population - Waste water					
	Winter	-	A3.81	000 I	Y	Y
	Summer Household Population connected to the wastewater service	-	A3.82	000 I	Y Y	Y
	Assumed percentage returned to sewer	-	A3.83 A3.84	000 I % I	Ÿ	N
	Water Balance					
	Water treated at own works to own customers	T10, L33 T10, L30	-	MI/d I MI/d I	Y	Y
	Distribution input treated water Unmeasured household volume of water delivered	T10, L30	A2.1	MI/d I	Ÿ	Ÿ
13	Measured household volume of water delivered	T10, L1	A2.5	MI/d I	Y	N
	Unmeasured non-household volume of water delivered Measured non-household volume of water delivered	T10, L5 T10, L2	sum(A2.22:A2.25) sum(A2.9:A2.16)	MI/d I MI/d I	Y	Y N
	Total volume (potable water)	T10, L2		MI/d C	Ÿ	Y
17	Water taken unbilled	T10, L23		MI/d I	Y	Ÿ
	Leakage - distribution losses (incl trunk mains and service reservoirs)	T10, L29 T10, L34		MI/d I	Y	Y
. 0	Overall water balance (sum of line A2.16 to A2.18 = A2.11)	110, L34	-		-	T T
	Water delivered - non-potable					
	Volume of non-potable water delivered	T10, L25	A2.17	MI/d I	Y	Y
	Water delivered - components Bulk supply imports	T10, L32	AO 44	MI/d I	V	V
	Bulk supply exports	T10, L32	A2.41 A2.42	MI/d I	, v	, ,
23	Estimated water delivered per unmeasured non-household	T10, L11		I/prop/d C	Ý	N
	Estimated water delivered per measured non-household	- T40 140	-	I/prop/d C	Y .	N
	Per capita consumption (unmeas'd h'hold - excl s/pipe leakage) Per capita consumption (meas'd h'hold - excl s/pipe leakage)	T10, L12 T10, L13	A2.4 A2.8	I/h/d C	v v	, v
	Water taken unbilled - legally	T10, L21	A2.34	MI/d I	Ÿ	Ÿ
	Water taken unbilled - illegally	T10, L22	A2.35	MI/d I	Y .	Y Y
	Water taken unbilled - Distribution system operational use Total leakage - total losses	T10, L20 T10, L29	A2.33 A2.37	MI/d I MI/d C	v v	, , , , , , , , , , , , , , , , , , ,
.31	Leakage - supply pipe losses	-		MI/d I	Ý	Ý
	Underground supply pipe leakage (unmeasured households, including exempt)	T10, L14		I/prop/d I	Y .	Y.
	Underground supply pipe leakage (metered households) Underground supply pipe leakage (unmeasured non-households, including exempt)	T10, L15 + L16	· · · · ·	I/prop/d I I/prop/d I	v v	, v
	Underground supply pipe leakage (metered non-households)			I/prop/d I	Ý	Ý
	Underground supply pipe leakage (void properties)	T10, L17	-	I/prop/d I	Y .	Y
	Meter under-registration (measured households) (included in water delivered) Meter under-registration (measured non-households) (included in water delivered)	T10, L18 T10, L19	A2.7 A2.21	MI/d I	Y Y	, v
		,				
	Sewage - Volumes					
	Unmeasured household volume (including exempt) Measured household volume	T14, L1	A4.1	MI/d I MI/d I	Y	Y N
.41	Unmeasured non-household foul volume (including exempt)	L14, L2	sum(A4.2:A4.5)	MI/d I	Ÿ	Y
.42	Measured non-household foul volume	-	sum(A4.8:A4.15)	MI/d I	Y	N
	Trade effluent volume Total volume	L14, L5 L14, L3 + L4	A4.16 A4.18	MI/d I MI/d C	Y	Y
	Volume septic tank waste	T14, L8	A4.19	MI I	Ÿ	Y
	Sewage - Load (BOD/yr)					
	Unmeasured household load (including exempt)		-	tonnes I	Y Y	Y
	Measured household load Unmeasured non-household foul load (including exempt)		-	tonnes I tonnes I	V	Y
.49	Measured household foul load	-		tonnes I	Ÿ	Ý
50	Trade effluent load			tonnes I	Y	Y
51 52	Total load discharged from primary services Private septic tank load	-		tonnes C tonnes I	Y	Y
	Public septic tank load			tonnes	Ÿ	Y
54	Other tanker load			tonnes I	Y	Y
	Total load entering sewerage system (BOD/yr) Average COD concentration	- T15, L22	A4.34 A4.35	tonnes C	Y	Y
	Average COD concentration Average suspended solids concentration	T15, L23	A4.36	mg/l l mg/l l	Y	Ÿ
58	Equivalent population served (resident)	-	A4.37	000 I	Y	Ý
59 60	Equivalent population served (resident)(numerical consents) Total load receiving treatment through PPP treatment works		A4.38 A4.39	000 I tonnes I	Ÿ	Y
UU	Total load receiving treatment unlough FFF treatment works		M4.39	torines		T
	Sewage Sludge Disposal					
.61	Total sewage sludge disposal	T15, L47	A4.52	ttds I	Y	Y
	Percentage unsatisfactory sludge disposal	T15, L48	A4.53	% I	N	N
.62						
62						
	1 by:		ate: 21/09/07			

Edition 5

Date: 21/09/07

CONFIDENCE GRADES LOOK UP TABLE

General		Bench	Benchmarking A1		nmarking A2	Benchmarking B2		
A1	G	A1	G	A1	G	A1	G	
A2	G	A2	N	A2	G	A2	G	
A3	G	A3	N	A3	N	A3	G	
A4	N	A4	N	A4	N	A4	N	
AX	G	AX	G	AX	G	AX	G	
B2	G	B2	N	B2	N	B2	G	
В3	G	B3	N	B3	N	B3	N	
B4	N	B4	N	B4	N	B4	N	
вх	G	BX	N	BX	N	BX	G	
C2	N	C2	N	C2	N	C2	N	
C3	N	C3	N	C3	N	C3	N	
C4	N	C4	N	C4	N	C4	N	
C5	N	C5	N	C5	N	C5	N	
CX	N	CX	N	CX	N	CX	N	
M	N	М	N	М	N	М	N	
N	N	N	N	N	N	N	N	
D3	N	D3	N	D3	N	D3	N	
D4	N	D4	N	D4	N	D4	N	
D5	N	D5	N	D5	N	D5	N	
D6	N	D6	N	D6	N	D6	N	
DX	N	DX	N	DX	N	DX	N	