



NORTH DAKOTA

RYAN RAUSCHENBERGER
TAX COMMISSIONER

2-D BARCODE SPECIFICATIONS INDIVIDUAL INCOME TAX

2014
TAX YEAR

OCTOBER 2014

ND IIT 2D Barcode Specifications
-For 2014 Tax Year-
10/28/2014

Below are guidelines used for testing/submitting 2D barcode returns.

1. Changes for 2015 are shown in blue/red. Blue designates items that have been added or changed; red designates items that have been removed and are at the end of the file.
2. If your software gives practitioners or individuals the ability to turn the printing of the 2-D barcode on or off, your default *must* be set to ON.
3. Use a carriage return as the delimiter (<CR>)
4. The developer codes will follow the list maintained by NACTP. If you do not have a developer code assigned to your company, please contact the president of NACTP at president@nactp.org.
5. Only include a hyphen when there is a negative dollar amount to report.
6. Do not include hyphens in barcode for Social Security or Federal ID (FEIN) numbers.
7. Do not include commas or decimals within the currency amounts.
8. There can be multiple occurrences of some schedules.
9. The format for each field is identified in the following manner:
 - a. A – alpha data
 - b. N – numeric data
 - c. AN – alpha-numeric data
 - d. NV – the field includes 2 decimal places. Do not include the decimal point.
 - i. Example - \$145.00 should be entered as 14500
 - e. (9) – number of characters for each type of data
 - f. Expected results will be shown with quotation marks.
10. The Error Correction level is to be set to Level 4. Please utilize the space given on the return. Dimensions should follow industry standards.
11. **New for 2015!** Withholding codes (for lines 177-207) are as follows:
1=W-2; 2=W-2G; 3=ND K-1; 4=1099MISC; 5=1099G; 6=1099R; 7=1099DIV;
8=1099INT; 9=1099OID

Testing:

1. Only submit returns for those forms/schedules that need to be tested. If you are not supporting a specific form, please notify us at the time of submission which forms you plan to support.
2. Approval is based on data formatting and placement. Calculations are not tested but errors may be noted during testing depending on the severity.
3. Forms approval is not dependant on 2D barcode approval.
4. PDF submission is the preferred method. The complete return, including the associated schedules, should be sent with the tests. Please try to keep the file sizes as small as possible when sending via email. All approvals will be given via email.

Contact person for 2D Barcode specifications:

Lucas Asche

Director, Information Management & Technology
Office of State Tax Commissioner
600 E Boulevard Ave Dept 127
Bismarck, ND 58505-0599

701-328-3129

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ID	Source	Location	Description	Format	Size
File Information					
1			Header version number	"T1"	2
2			Developer code from NACTP list	PIC N (4)	4
3			Jurisdiction	PIC "ND"	2
4			Description – Form type & year	PIC "ND12014"	7
5			Specification Version	PIC N (2)	2
6			Software/Form Version	PIC N (2)	2
Form ND-1					
7	ND-1, P1		Primary Taxpayer First Name	PIC AN (17)	17
8	ND-1, P1		Primary Taxpayer MI	PIC A (1)	1
9	ND-1, P1		Primary Taxpayer Last Name	PIC AN (25)	25
10	ND-1, P1		Spouse First Name (only for Filing Status = MFJ)	PIC AN (17)	17
11	ND-1, P1		Spouse Middle Initial (only for Filing Status = MFJ)	PIC A (1)	1
12	ND-1, P1		Spouse Last Name (only for Filing Status = MFJ)	PIC AN (25)	25
13	ND-1, P1		Primary Taxpayer Deceased	PIC A (1) "X" or blank	1
14	ND-1, P1		Primary Taxpayer Deceased Date	PIC N (8) MMDDYYYY	8
15	ND-1, P1		Primary Taxpayer SSN	PIC N (9)	9
16	ND-1, P1		Spouse Deceased	PIC A (1) "X" or blank	1
17	ND-1, P1		Spouse Taxpayer Deceased Date	PIC N (8) MMDDYYYY	8
18	ND-1, P1		Spouse SSN	PIC N (9)	9
19	ND-1, P1		Additional Address (c/o addresses go here)	PIC AN (35)	35
20	ND-1, P1		Address – always main address	PIC AN (35)	35
21	ND-1, P1		Unit #	PIC AN (5)	5
22	ND-1, P1		City	PIC AN (28)	28
23	ND-1, P1		State/Province	PIC A (2)	2
24	ND-1, P1		Zip	PIC AN (9)	9
25	ND-1, P1		ND Filing status - Single	PIC A (1) "X" or blank	1
26	ND-1, P1		ND Filing status – Married filing joint	PIC A (1) "X" or blank	1
27	ND-1, P1		ND Filing status – Married filing separately	PIC A (1) "X" or blank	1
28	ND-1, P1		ND Filing status – Head of Household	PIC A (1) "X" or blank	1
29	ND-1, P1		ND Filing status – Qualifying widow(er)	PIC A (1) "X" or blank	1
30	ND-1, P1		Reciprocity	PIC A (1) "X" or blank	1
31	ND-1, P1		Reciprocity State	PIC A (2)	2
32	ND-1, P1		Country	PIC AN (28)	28
33	ND-1, P1		School district code	PIC N (5)	5
34	ND-1, P1		Income source code	PIC N (2)	2
35	ND-1, P1		Amended return - General	PIC A (1) "X" or blank	1
36	ND-1, P1		Amended return - NOL	PIC A (1) "X" or blank	1
37	ND-1, P1		Extension	PIC A (1) "X" or blank	1
38	ND-1, P1		Fiscal filer ending date	PIC N (8) MMDDYYYY	8
39	ND-1, P1	Line D	Federal AGI	PIC N (11)	11
40	ND-1, P1	Line 1	Federal taxable income	PIC N (11)	11
41	ND-1, P1	Line 2	Lump-sum distribution from Federal Form 4972	PIC N (11)	11
42	ND-1, P1	Line 3	Loss from pass-through entity subject to Financial Institution tax	PIC N (11)	11
43	ND-1, P1	Line 4a	Planned gift tax credit adjustment to income	PIC N (11)	11
44	ND-1, P1	Line 4b	Housing incentive tax credit adjustment to income	PIC N (11)	11
45	ND-1, P1	Line 7	Interest from US Obligations	PIC N (11)	11

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ID	Source	Location	Description	Format	Size
46	ND-1, P1	Line 8	Net long-term capital gain exclusion	PIC N (11)	11
47	ND-1, P1	Line 9	Exempt income of a Native American	PIC N (11)	11
48	ND-1, P1	Line 10	Benefits received from USRRB	PIC N (11)	11
49	ND-1, P1	Line 11	Income from pass-through entity subject to FI tax	PIC N (11)	11
50	ND-1, P1	Line 12	National Guard/Reserve member exclusion for federal active duty outside North Dakota	PIC N (11)	11
51	ND-1, P1	Line 13	Nonresident only: Servicemember Civil Relief Act adjustment	PIC N (11)	11
52	ND-1, P1	Line 14	Deduction for contribution to College SAVE account at Bank of North Dakota	PIC N (11)	11
53	ND-1, P1	Line 15	Qualified dividend exclusion	PIC N (11)	11
54	ND-1, P1	Line 16	Other Subtractions	PIC N (11)	11
55	ND-1, P1	Line 18	ND Taxable income	PIC N (11)	11
56	ND-1, P1	Line 20	ND income tax	PIC N (11)	11
57	ND-1, P2	Line 21	Credit for income tax paid to another state	PIC N (11)	11
58	ND-1, P2	Line 22	Marriage credit for joint filers only	PIC N (11)	11
59	ND-1, P2	Line 23	Total Other credits	PIC N (11)	11
60	ND-1, P2	Line 25	Net tax liability	PIC N (11)	11
61	ND-1, P2	Line 26	ND withholding	PIC N (11)	11
62	ND-1, P2	Line 27	Estimated payments	PIC N (11)	11
63	ND-1, P2	Line 29	Overpayment	PIC N (11)	11
64	ND-1, P2	Line 30	\$ of overpayment to apply to 2015 estimated payments	PIC N (11)	11
65	ND-1, P2	Line 31a	Voluntary contribution to Watchable Wildlife Fund	PIC N (6)	6
66	ND-1, P2	Line 31b	Voluntary contribution to Trees for ND Program Trust Fund	PIC N (6)	6
67	ND-1, P2	Line 32	Refund	PIC N (11)	11
68	ND-1, P2	Line 32a	Routing number for Direct Deposit	PIC N (9)	9
69	ND-1, P2	Line 32b	Account number for Direct Deposit	PIC AN (17)	17
70	ND-1, P2	Line 32c	Deposit account is a Checking acct	PIC A (1) "X" or blank	1
71	ND-1, P2	Line 32c	Deposit account is a Saving acct	PIC A (1) "X" or blank	1
72	ND-1, P2	Line 33	Tax due	PIC N (11)	11
73	ND-1, P2	Line 34a	Penalty	PIC N (9)	9
74	ND-1, P2	Line 34b	Interest	PIC N (9)	9
75	ND-1, P2	Line 35a	Voluntary contribution to Watchable Wildlife Fund	PIC N (6)	6
76	ND-1, P2	Line 35b	Voluntary contribution to Trees for ND Program Trust Fund	PIC N (6)	6
77	ND-1, P2	Line 37	Interest on underpaid estimated tax	PIC N (11)	11
78	ND-1, P2		Taxpayer's daytime telephone number	PIC N (10)	10
79	ND-1, P2		Paid Preparer's EIN/SSN/PTIN	PIC AN (12)	12

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ID	Source	Location	Description	Format	Size
Schedule ND-1NR					
80	ND-1NR		Primary Taxpayer SSN	PIC N (9)	9
81	ND-1NR		Spouse's SSN	PIC N (9)	9
82	ND-1NR		Primary's Residency Status - Full Year Resident	PIC A (1) "X" or blank	1
83	ND-1NR		Primary's Residency Status - Full Year NonResident	PIC A (1) "X" or blank	1
84	ND-1NR		Primary's Residency Status - Part Year Resident	PIC A (1) "X" or blank	1
85	ND-1NR		Spouse's Residency Status - Full Year Resident	PIC A (1) "X" or blank	1
86	ND-1NR		Spouse's Residency Status - Full Year NonResident	PIC A (1) "X" or blank	1
87	ND-1NR		Spouse's Residency Status - Part Year Resident	PIC A (1) "X" or blank	1
88	ND-1NR	Line 1B	Wages, Salaries, Tips, etc.	PIC N (11)	11
89	ND-1NR	Line 2B	Table Interest and Dividend Income	PIC N (11)	11
90	ND-1NR	Line 3B	Business Income or Loss	PIC N (11)	11
91	ND-1NR	Line 4B	Ordinary and Capital Gains and Losses	PIC N (11)	11
92	ND-1NR	Line 5B	IRAs, Pensions, and Annuities	PIC N (11)	11
93	ND-1NR	Line 6B	Rental Real Estate, Royalties, Partnerships, S Corps, Trusts, etc.	PIC N (11)	11
94	ND-1NR	Line 7B	Farm Income or Loss	PIC N (11)	11
95	ND-1NR	Line 8B	Other Income	PIC N (11)	11
96	ND-1NR	Line 9B	Lines 1-8 Total	PIC N (11)	11
97	ND-1NR	Line 10B	Student Loan Interest	PIC N (11)	11
98	ND-1NR	Line 11B	Moving Expenses	PIC N (11)	11
99	ND-1NR	Line 12B	Self-Employed Deductions	PIC N (11)	11
100	ND-1NR	Line 13B	IRA Deduction	PIC N (11)	11
101	ND-1NR	Line 14B	Other	PIC N (11)	11
102	ND-1NR	Line 16	North Dakota source income	PIC N (11)	11
103	ND-1NR	Line 17	Modified Federal AGI	PIC N (11)	11
104	ND-1NR	Line 20	ND Tax	PIC N (11)	11
105	ND-1NR	Line 21	Tax to be carried to ND-1, line 20	PIC N (11)	11

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ID	Source	Location	Description	Format	Size
Schedule ND-1CR					
106	ND-1CR#1		Name of State or U.S. Territory to which you paid tax on income	PIC AN (2)	2
107	ND-1CR#1	Line 1c	Portion of Federal AGI for ND	PIC N (11)	11
108	ND-1CR#1	Line 2	Amount from Line 2	PIC N (11)	11
109	ND-1CR#1	Line 5	Proportional amount of tax	PIC N (11)	11
110	ND-1CR#1	Line 6	Income tax from other state	PIC N (11)	11
111	ND-1CR#1	Line 8	Portion of federal AGI for other state	PIC N (11)	11
112	ND-1CR#1	Line 10	Proportional amount of tax from other state	PIC N (11)	11
113	ND-1CR#2		Name of State or U.S. Territory to which you paid tax on income	PIC AN (2)	2
114	ND-1CR#2	Line 1c	Portion of Federal AGI for ND	PIC N (11)	11
115	ND-1CR#2	Line 2	Amount from Line 2	PIC N (11)	11
116	ND-1CR#2	Line 5	Proportional amount of tax	PIC N (11)	11
117	ND-1CR#2	Line 6	Income tax from other state	PIC N (11)	11
118	ND-1CR#2	Line 8	Portion of federal AGI for other state	PIC N (11)	11
119	ND-1CR#2	Line 10	Proportional amount of tax from other state	PIC N (11)	11
120	ND-1CR#3		Name of State or U.S. Territory to which you paid tax on income	PIC AN (2)	2
121	ND-1CR#3	Line 1c	Portion of Federal AGI for ND	PIC N (11)	11
122	ND-1CR#3	Line 2	Amount from Line 2	PIC N (11)	11
123	ND-1CR#3	Line 5	Proportional amount of tax	PIC N (11)	11
124	ND-1CR#3	Line 6	Income tax from other state	PIC N (11)	11
125	ND-1CR#3	Line 8	Portion of federal AGI for other state	PIC N (11)	11
126	ND-1CR#3	Line 10	Proportional amount of tax from other state	PIC N (11)	11
127	ND-1CR#4		Name of State or U.S. Territory to which you paid tax on income	PIC AN (2)	2
128	ND-1CR#4	Line 1c	Portion of Federal AGI for ND	PIC N (11)	11
129	ND-1CR#4	Line 2	Amount from Line 2	PIC N (11)	11
130	ND-1CR#4	Line 5	Proportional amount of tax	PIC N (11)	11
131	ND-1CR#4	Line 6	Income tax from other state	PIC N (11)	11
132	ND-1CR#4	Line 8	Portion of federal AGI for other state	PIC N (11)	11
133	ND-1CR#4	Line 10	Proportional amount of tax from other state	PIC N (11)	11

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ID	Source	Location	Description	Format	Size
Schedule ND-1FA					
134	ND-1FA	Line 2	Elected Farm Income from 2014 Schedule J	PIC N (11)	11
135	ND-1FA	Line 5	2013 Schedule ND-1FA, Line 11	PIC N (11)	11
136	ND-1FA	Line 8	2011 ND-1, Line 7 Tax	PIC N (11)	11
137	ND-1FA	Line 9	2013 Schedule ND-1FA, Line 15	PIC N (11)	11
138	ND-1FA	Line 12	2012 ND-1, Line 11 Tax	PIC N (11)	11
139	ND-1FA	Line 13	2013 Schedule ND-1FA, Line 3	PIC N (11)	11
140	ND-1FA	Line 16	2013 ND-1, Line 15 Tax	PIC N (11)	11
141	ND-1FA	Line 19	2013 Schedule ND-1FA, Line 12	PIC N (11)	11
142	ND-1FA	Line 20	2013 Schedule ND-1FA, Line 16	PIC N (11)	11
143	ND-1FA	Line 21	2013 Schedule ND-1FA, Line 4	PIC N (11)	11
144	ND-1FA	Line 23	Tax shown on ND-1, Line 20 OR Schedule ND-1NR, Line 20	PIC N (11)	11
Schedule ND-1SA					
145	ND-1SA	Line 1	Renaissance zone income exemption	PIC N (11)	11
146	ND-1SA	Line 2	New or expanding business income exemption	PIC N (11)	11
147	ND-1SA	Line 3	Human organ donor expense deduction	PIC N (11)	11
148	ND-1SA	Line 4	Employee workforce recruitment exclusion	PIC N (11)	11
Schedule ND-1TC					
149	ND-1TC	Line 1	Family member care credit	PIC N (11)	11
150	ND-1TC	Line 2	Renaissance zone credit	PIC N (11)	11
151	ND-1TC	Line 3	Agricultural commodity investment credit	PIC N (11)	11
152	ND-1TC	Line 4	Seed capital investment credit	PIC N (11)	11
153	ND-1TC	Line 5	Planned gift credit	PIC N (11)	11
154	ND-1TC	Line 6	Biodiesel fuel supplier credit (wholesaler)	PIC N (11)	11
155	ND-1TC	Line 7	Biodiesel fuel seller credit (retailer)	PIC N (11)	11
156	ND-1TC	Line 8a	Employer internship program credit	PIC N (11)	11
157	ND-1TC	Line 8b	Number of eligible interns hired in 2014	PIC N (2)	2
158	ND-1TC	Line 8c	Total compensation paid in 2014	PIC N (11)	11
159	ND-1TC	Line 9a	Microbusiness credit	PIC N (11)	11
160	ND-1TC	Line 9b	Amount of qualifying new investment	PIC N (11)	11
161	ND-1TC	Line 9c	Amount of qualifying new employment	PIC N (11)	11
162	ND-1TC	Line 10a	Research expense credit	PIC N (11)	11
163	ND-1TC	Line 10b	Research expense credit purchased	PIC N (11)	11
164	ND-1TC	Line 11a	Angel fund investment credit	PIC N (11)	11
165	ND-1TC	Line 11b	Angel fund investment credit purchased	PIC N (11)	11
166	ND-1TC	Line 12	Endowment fund credit from passthrough entity	PIC N (11)	11
167	ND-1TC	Line 13a	Workforce Recruitment Credit	PIC N (11)	11
168	ND-1TC	Line 13b	Number of eligible employees	PIC N (2)	2
169	ND-1TC	Line 13c	Total compensation paid	PIC N (11)	11
170	ND-1TC	Line 14a	Installation date	PIC N (8) MMDDYYYY	8
171	ND-1TC	Line 14b	Amount of geothermal energy device credit	PIC N (11)	11
172	ND-1TC	Line 15	Credit for wages paid to mobilized employees	PIC N (11)	11
173	ND-1TC	Line 16	Partnership plan long term care insurance credit	PIC N (11)	11
174	ND-1TC	Line 17	Credit for contribution to endowment fund	PIC N (11)	11
175	ND-1TC	Line 18	Housing incentive fund credit	PIC N (11)	11
176	ND-1TC	Line 19	Automation tax credit	PIC N (11)	11

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ID	Source	Location	Description	Format	Size
Withholding Statements					
177		Form 1	Employer ID	PIC N (11)	11
178		Form 1	ND Tax withheld	PIC N (11)	11
179		Form 1	Type of Statement (see below)	PIC N (1)	1
180		Form 2	Employer ID	PIC N (11)	11
181		Form 2	ND Tax withheld	PIC N (11)	11
182		Form 2	Type of Statement (see below)	PIC N (1)	1
183		Form 3	Employer ID	PIC N (11)	11
184		Form 3	ND Tax withheld	PIC N (11)	11
185		Form 3	Type of Statement (see below)	PIC N (1)	1
186		Form 4	Employer ID	PIC N (11)	11
187		Form 4	ND Tax withheld	PIC N (11)	11
188		Form 4	Type of Statement (see below)	PIC N (1)	1
189		Form 5	Employer ID	PIC N (11)	11
190		Form 5	ND Tax withheld	PIC N (11)	11
191		Form 5	Type of Statement (see below)	PIC N (1)	1
192		Form 6	Employer ID	PIC N (11)	11
193		Form 6	ND Tax withheld	PIC N (11)	11
194		Form 6	Type of Statement (see below)	PIC N (1)	1
195		Form 7	Employer ID	PIC N (11)	11
196		Form 7	ND Tax withheld	PIC N (11)	11
197		Form 7	Type of Statement (see below)	PIC N (1)	1
198		Form 8	Employer ID	PIC N (11)	11
199		Form 8	ND Tax withheld	PIC N (11)	11
200		Form 8	Type of Statement (see below)	PIC N (1)	1
201		Form 9	Employer ID	PIC N (11)	11
202		Form 9	ND Tax withheld	PIC N (11)	11
203		Form 9	Type of Statement (see below)	PIC N (1)	1
204		Form 10	Employer ID	PIC N (11)	11
205		Form 10	ND Tax withheld	PIC N (11)	11
206		Form 10	Type of Statement (see below)	PIC N (1)	1
207			Trailer	**EOD**	5
			Maximum Record Length:		1901
59	ND-1, P2	Line 23	Carryover of unused Res/Ag PT credit from 2008	PIC N (11)	11
60	ND-1, P2	Line 24	Carryover of unused Com PT credit from 2008	PIC N (11)	11
176	ND-1TC	Line 17	Carryover of 2009 property tax relief credit	PIC N (11)	11
Withholding Statements (lines 177-207) should use the following codes:					
1=W-2; 2=W-2G; 3=ND K-1; 4=1099MISC; 5=1099G; 6=1099R; 7=1099DIV; 8=1099INT; 9=1099OID					