

# 2022 SOFTWARE DEVELOPER GUIDELINES AND SPECIFICATIONS

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# OKLAHOMA TAX COMMISSION GUIDELINES FOR SUBSTITUTE FORMS

Oklahoma forms should be reproduced as closely as possible to the official form while also following the National Association of Computerized Tax Processors (NACTP) rules for form reproduction.

All developers who reproduce Oklahoma tax forms must submit a "Letter of Intent (LOI)" to the Oklahoma Tax Commission each year. The LOI may be submitted by fax or email. Please email Crystal Cameron at <a href="mailto:efiledevelopers@tax.ok.gov">efiledevelopers@tax.ok.gov</a> for a copy of the LOI. See page 10 for other contact information.

## **New for TY2022**

#### Forms 511 and 511-NR

- The individual income tax rate was reduced by 0.25% for each tax bracket.
- The Oklahoma Earned Income Credit (EIC) was made refundable, and the credit amount may be calculated using the same requirements for computing the EIC for federal income tax purposes in effect for the 2020 income tax year.
- The Credit for Verified Blood Donations was added to the Form 511-CR.
- The Credit for Contributions to an Eligible Public School Foundation or Public School District was added to the Form 511-CR.
- The annual credit cap for contributions to eligible scholarship-granting organizations was increased from \$3.5 million to \$25 million, plus any suspended credits, and the annual credit cap for contributions to eligible educational improvement grant organizations, eligible public school foundations and public school districts was increased from \$1.5 million to \$25 million. In addition to the \$25 million cap, the credit amount is limited to \$200,000 of credits per public school district annually.
- The exemption for retirement benefits received from any component of the Armed Forces of the United States was increased to 100% of retirement benefits.

#### Forms 512 and 512-S

- The corporate income tax rate was reduced from 6% to 4%.
- The bank in lieu tax rate was reduced from 6% to 4%.
- The Pass-Through Entity tax rate was reduced from 6% to 4% to conform with the corporate income tax rate change. (512-S only)
- The Credit for Verified Blood Donations was added to the Form 511-CR.

- The Credit for Oklahoma Rural Jobs was added to the Form 511-CR.
- The Credit for Contributions to an Eligible Public School Foundation or Public School District was added to the Form 511-CR.
- The annual credit cap for contributions to eligible scholarship-granting organizations was increased from \$3.5 million to \$25 million, plus any suspended credits, and the annual credit cap for contributions to eligible educational improvement grant organizations, eligible public school foundations and public school districts was increased from \$1.5 million to \$25 million. In addition to the \$25 million cap, the credit amount is limited to \$200,000 of credits per public school district annually.
- A deduction for qualified equity investments in an eligible Oklahoma venture capital company was added. See Form 512, Part 1, Line 26, Column B, and Form

512-S, Part 2, Line 19, Column B.

#### Forms 513 and 513-NR

- The individual income tax rate used to calculate fiduciary income tax was reduced by 0.25% for each tax bracket.
- The Credit for Verified Blood Donations was added to the Form 511-CR. To obtain Form 511-CR, visit tax.ok.gov.
- The Credit for Contributions to an Eligible Public School Foundation or Public School District was added to the Form 511-CR.
- The annual credit cap for contributions to eligible scholarship-granting organizations was increased from \$3.5 million to \$25 million, plus any suspended credits, and the annual credit cap for contributions to eligible educational improvement grant organizations, eligible public school foundations and public school districts was increased from \$1.5 million to \$25 million. In addition to the \$25 million cap, the credit amount is limited to \$200,000 of credits per public school district annually.

#### Form 514

- The corporate income tax rate was reduced from 6% to 4%.
- The PTE tax rate was reduced from 6% to 4% to conform to the corporate income tax rate.
- The Credit for Verified Blood Donations was added to the Form 511-CR.
- The Credit for Oklahoma Rural Jobs was added to the Form 511-CR. To obtain Form 511-CR, visit tax.ok.gov.
- The Credit for Contributions to Eligible Public School Foundations or Public School Districts was added to the Form 511-CR.
- The annual credit cap for contributions to eligible scholarship-granting organizations was increased from \$3.5 million to \$25 million, plus any suspended credits, and the annual credit cap for contributions to eligible educational improvement grant organizations, eligible public school foundations and public school districts was increased from \$1.5 million to \$25 million. In addition to the \$25 million cap, the credit amount is limited to \$200,000 of credits per public school district annually.

 A deduction for qualified equity investments in an eligible Oklahoma venture capital company was added. See Form 514, Part Two, Column B, line 20 or Part Four, line 3.

Updated Mail Address for 2D forms Oklahoma Tax Commission PO Box 26800 Oklahoma City, OK 73126-0800

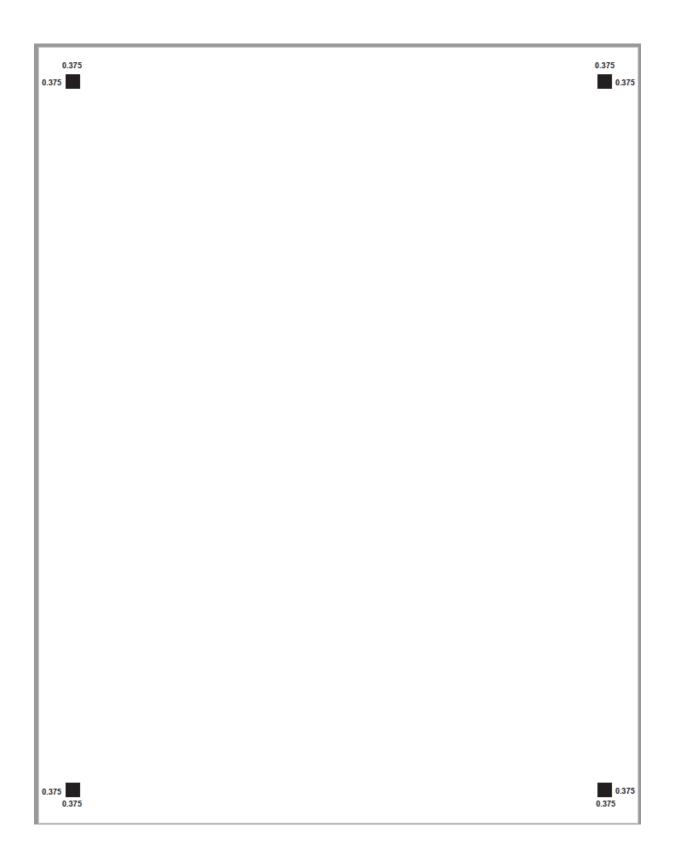
#### Submission of 2D forms

• Non 2D versions of forms 511 and 511-NR must be approved prior to submitting the 2D versions of these forms.

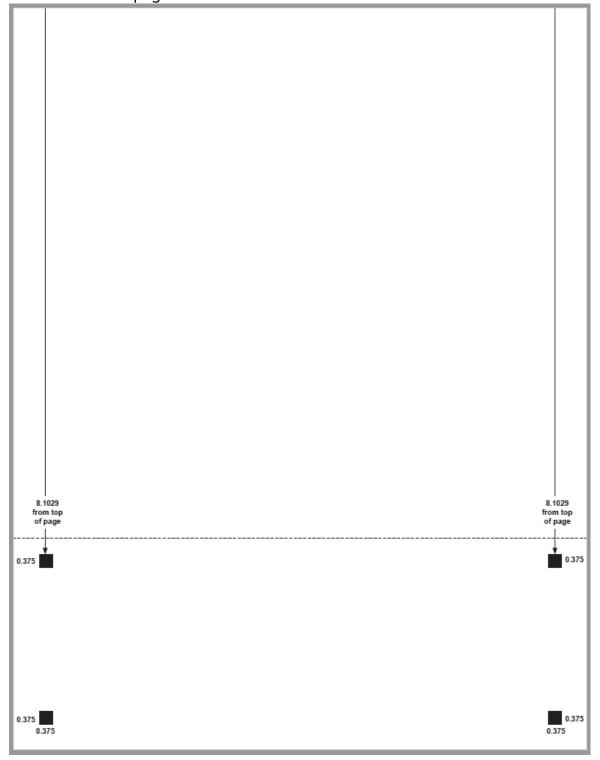
#### **OCR Requirements**

In addition to all Income Tax forms having targets, the following forms will be required to have targets on them for TY2022.

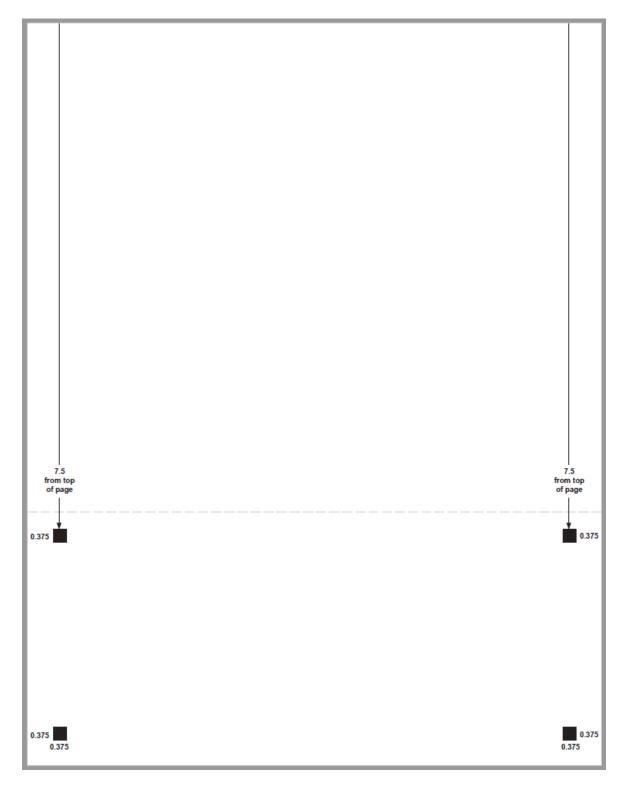
- All forms are to be printed using actual size scaling and all object placements should be followed to that print scale.
- <u>"Targets".</u> These are the black boxes on the corners. These need to be positioned at the corners of the following forms:
  - o 511-EF
  - o EF
- Target placement has been standardized on all forms.
  - Full page forms targets are 3/8 (0.375) inches from the top, left, bottom and right corners of the page.



 OW-8-ES and OW-8-ESC Coupons – targets are 3/8 (0.735) inches from the left, right and bottom of the page and 8.1029 inches from the top of the page.



o Forms 511-V and EF-V - targets are 3/8 (0.735) inches from the left, right and bottom of the page and 7.5 inches from the top of the page.



# **Form Field Requirements**

The font on the face of the forms should be Arial 10 Point 10 Pitch.

Text and Numerical Fields: Fonts are to be Courier or New Courier 10 Point 10 Pitch. Text fields must be ALL CAPS.

Exception: Form instructions, line information, preparer fields and signature fields can be smaller than specified and in lower case in order to fit the information in the available space, as needed.

Round all numerical amounts to whole dollars. If the return has pre-printed zeros in the cents fields, please replicate the zeros or ensure they are printed from the software.

Exception: Returns that do not have pre-printed zeros and do not require rounding to whole dollars. Example: Oklahoma Corporate Return Schedules.

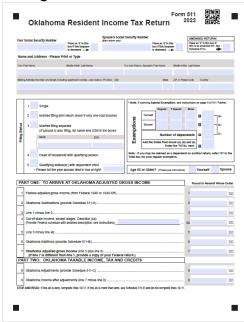
Numerical fields must be right justified.

Text fields must be left justified.

Negative values should be presented with the minus sign to the left of the amount.

Drop out boxes in **Pantone Cool Gray 1 U ink** will be used [Please see the drop out boxes in the image below].

 Although drop out ink is the preferred method, we understand this is not always possible. If unable to use drop out ink, use a single line with a line weight of 0.25.



# **Substitute Forms Approval Process**

Forms should be submitted via PDF attached to an email. This will help ensure a faster turnaround time.

Submit one .pdf file for each form being submitted for approval. [for testing]

- Each file must include the following:
  - Blank form [layout]
  - o Form with useful **pertinent data for the corresponding field**. (ex: 0.1234) [calculation] Forms will **not** be accepted with all Zs or all 9s.
- Each submission should include a cover letter identifying the forms submitted, the company name of the submitter, NACTP vendor ID and the name, address, phone/fax number and email address of the form contact.

Approvals are processed in the order of receipt and any approvals or requests for changes will be sent back within 10 business days.

Approval or request for change notifications received will be sent to the developer via email.

Request for substitute form approvals should be sent to:

Primary: CPD Developer Forms\_TAX <u>cpddeveloperforms@tax.ok.gov</u>

Phone: 405.522.8967 Fax: 405.522.4373

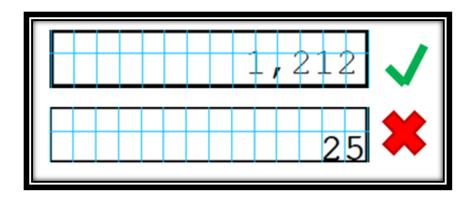
Secondary: Janice Depew janice.depew@tax.ok.gov

Phone: 405.522.5965 Fax: 405.522.4373

## **6X10 Grid Forms**

511, 511-CR, 511-NR, 511-V, 538-H, 538-S, 512, 512-E, 512-S, 512-S-SUP, 512-TI, 512-TI-SUP, 513, 513-NR, 514, 514-SUP, FRX

Some of our fields contain extra grid space; in this case please center data within the field as shown in the example below:



## **Oklahoma QR Codes for TY2022**

## **QR Code Dimensions**

Code Type: Text

Text Content: Year (4)/Form Number (5)/Pages (2)/Source (1)/Vendor Code (4) - Both

alpha and numeric characters are used. Alpha in caps.

Error Correction: L-Appx 7% (default)

Margin: 0 blocks

Scale: 1X

Code Color: 000000

This generates a QR code with dimensions of 0.5833" by 0.5833" that is resized down to 0.5" to 0.5" before placing on the form (0.5 inch minimum).

Encoded carriage returns are prohibited.

Maintain a quiet zone (white space) of 4 modules around QR code as shown in the example in Figure 1 on page 12.

## **QR Code Data Details**

Example of data in the QR code presently used for income tax:

Form 511 "Oklahoma Resident Income Tax Return" - 20220051101DXXXX

**2022** - For all year specific forms. All non-year specific forms get 9999 for the year. Example of non-year specific form: 99990020001WXXXX

**00511** - Form number (if a form number is less than 5 characters, zeros filled to make 5. For example, Form 511 would be 00511).

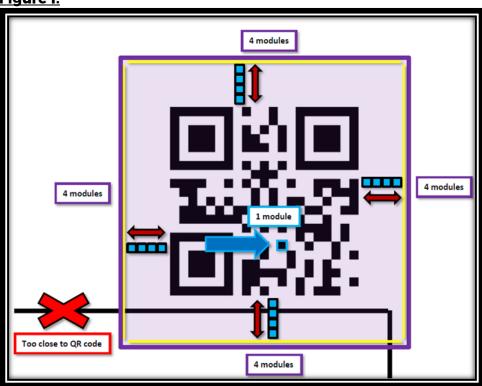
**01** - Page number (if a form has more than one page with data that a taxpayer fills out, each page's QR code reflects that page's number. Instruction pages do not get a QR code).

**D** - Source code (where the form came from. Examples: W for web, M for mail out, D for developer, etc.).

**XXXX** - The four X's after the Source Code are the Vendor code. Vendor codes should be included in the QR code rather than on the form itself.

Example of QR code with vendor code: 20220051101D1695 with 1695 being the OTC vendor code.





## PDF 417 2D Barcode

The following guidelines are to be upheld for the current tax years and all form types that utilize a 2D barcode. Those form types for the 2022 tax year are OK511, and OK511NR. Each form will have four 2D barcodes.

#### Field Standards for the 2D Barcode

The delimiter between fields will be "Carriage Return".

Unless otherwise stated in specifications, all numerical fields are 11 characters.

Negative values should be formatted with the minus sign placed before the numerical characters. Example: -100

Use whole dollars only.

Date format should be MMDDYYYY.

Unless otherwise noted, check boxes should export the following values: Checked = X Not Checked = Null

Do not zero fill fields, use Null.

Truncate any characters over the specified field limit (example: name or address longer than field length).

Do not use any punctuation (no commas, periods, percent signs). Alpha fields should contain only A-Z. Numerical fields should contain only 0-9.

#### **Placement of 2D Barcodes**

The four 2D barcodes must be placed on a separate page. They will be arranged vertically, in order and in center alignment. An example for this page can be found on page 16 of this document. This page will have the following header.

511

2021 Form 511 Resident Income Tax Return 2D barcode Page

#### FAILURE TO SUBMIT THIS PAGE WILL DELAY PROCESSING OF YOUR RETURN

#### 511NR

2021 Form 511NR Nonresident/Part-Year Income Tax Return 2D barcode Page

> FAILURE TO SUBMIT THIS PAGE WILL DELAY PROCESSING OF YOUR RETURN

### **2D Barcode Dimensions and Specifications**

X dimension = **14 mils** minimum Y/X ratio = **3** Error Correction Level (ECL) must be set to **4**. Barcode must be set to **ON**.

#### **Exceptions:**

- The 538-S return dependent SSN information is included in the 2D barcode. The 538-S form should be attached to the 511 return when mailed to OTC.
- If there are more than 5 dependents on the 538-S, attach a separate page with the additional 538-S dependent information.
- 538-H information is not included in the barcode. The 538-H should be mailed in separately to:

Oklahoma Tax Commission PO Box 26800 Oklahoma City, OK 73126-0800

### **Mailing Address for 2D Returns**

Taxpayers are to mail 2D returns to:

Oklahoma Tax Commission PO Box 26800 Oklahoma City, Ok 73126-0800

## **Barcode Testing Process**

Those software developers who are supporting Oklahoma 2D barcode returns must test with OTC prior to releasing their software to clients or the general public.

#### Test Criteria 511 & 511-NR

Test returns for Form 511 are to be based off the ATS test criteria available on the FTA SES (Federal Tax Administrators State Exchange System) website <a href="https://taxadmin.kiteworks.com">https://taxadmin.kiteworks.com</a>. To gain access to this website, please contact Crystal Cameron (<a href="mailto:efiledevelopers@tax.ok.gov">efiledevelopers@tax.ok.gov</a>).

Test returns for form 511-NR should be done using the same ATS test criteria with developer discretion to use whatever residency status and federal data, but ensure the federal column of line 2 is populated.

There should be a mention on the 2D barcode page of 511 2D and 511-NR 2D forms to remind taxpayers that the 2D barcode page is required to be sent with their 2D returns. It should NOT be attached with the payment voucher, form 511-V. Please see the example on Page 16.

#### **2D Test Return Submissions**

Forms should be submitted via PDF attached to an email. This will help ensure a faster turnaround time.

Test returns should be directed to:

Primary: CPD Developer Forms\_TAX <u>cpddeveloperforms@tax.ok.gov</u>

Phone: 405.522-8967 Fax: 405.522.4373

Secondary: Janice Depew janice.depew@tax.ok.gov

Phone: 405.522.5965 Fax: 405.522.4373

Thank you for supporting Oklahoma 2D barcode processing.

# **Dedicated 2D Barcode Page Example**

2022 Form 511 Resident Income Tax Return 2D barcode Page

FAILURE TO SUBMIT THIS PAGE WILL DELAY PROCESSING OF YOUR RETURN









Note: This is to be mailed with original return. Please DO NOT attach this sheet when filing the payment voucher, Form 511V.

# **TY2022 511 Final Specifications for 2D Barcode**

COMING SOON!

# **TY2022 511-NR Final Specifications for 2D Barcode**

**COMING SOON!** 

# **TY2022 Final QR Codes for Developers**

Year	Form Number	Page	Category	Barcode	
2022	500	1	developer	99990050001D	
2022	500-A	1	developer	99990500A01D	
2022	500-B	1	developer	99990500B01D	
2022	501	1	developer	99990050101D	
2022	504-C	1	developer	20220504C01D	
2022	504-I	1	developer	20220504I01D	
2022	505	1	developer	99990050501D	
2022	505	2	developer	99990050502D	
2022	506	1	developer	20220050601D	
2022	507	1	developer	99990050701D	
2022	511	1	developer	20220051101D	
2022	511	2	developer	20220051102D	
2022	511	3	developer	20220051103D	
2022	511	4	developer	20220051104D	
2022	511	5	developer	20220051105D	
2022	511	6	developer	20220051106D	
2022	511	7	developer	20220051107D	
2022	511	8	developer	20220051108D	New page added for 2022
2022	511NR	1	developer	2022511NR01D	
2022	511NR	2	developer	2022511NR02D	

Updated: September 20, 2022

Posted at <u>DeveloperDraftsFinals.pdf</u> (oklahoma.gov)

Year	Form Number	Page	Category	Barcode	
2022	511NR	3	developer	2022511NR03D	
2022	511NR	4	developer	2022511NR04D	
2022	511NR	5	developer	2022511NR05D	
2022	511NR	6	developer	2022511NR06D	
2022	511NR	7	developer	2022511NR07D	
2022	511NR	8	developer	2022511NR08D	New page added for 2022
2022	511NOL	2	developer	9999511NL02D	
2022	511NOL	3	developer	9999511NL03D	
2022	511NR-NOL	2	developer	9999511NN02D	
2022	511NR-NOL	3	developer	9999511NN03D	
2022	511NR-NOL	4	developer	9999511NN04D	
2022	511NR-NOL	5	developer	9999511NN05D	
2022	511CR	1	developer	2022511CR01D	
2022	511CR	2	developer	2022511CR02D	
2022	511EF	1	developer	2022511EF01D	
2022	511TX	1	developer	2022511TX01D	
2022	511-V	1	developer	20220511V01D	
2022	511W	1	all uses	20220511W01D	Developer only form
2022	512	1	developer	20220051201D	
2022	512	2	developer	20220051202D	
2022	512	3	developer	20220051203D	
2022	512	4	developer	20220051204D	
2022	512	5	developer	20220051205D	
2022	512	6	developer	20220051206D	
2022	512	7	developer	20220051207D	

Year	Form Number	Page	Category	Barcode	
2022	512	8	developer	20220051208D	
2022	512	9	developer	20220051209D	
2022	512	10	developer	20220051210D	
2022	512	11	developer	20220051211D	New page added for 2022
2022	512	12	developer	20220051212D	New page added for 2022
2022	512	13	developer	20220051213D	New page added for 2022
2022	512	14	developer	20220051214D	New page added for 2022
2022	512-FT	1	developer	2022512FT01D	
2022	512-FT-SUP	1	developer	2022512FS01D	
2022	512TI	1	developer	2022512TI01D	
2022	512TI	2	developer	2022512TI02D	New page added for 2022
2022	512-TI-SUP	1	developer	2022512TS01D	
2022	512E	1	developer	20220512E01D	
2022	512E	2	developer	20220512E02D	
2022	512S	1	developer	20220512S01D	
2022	<b>512S</b>	2	developer	20220512S02D	
2022	<b>512S</b>	3	developer	20220512S03D	
2022	<b>512S</b>	4	developer	20220512S04D	
2022	<b>512S</b>	5	developer	20220512S05D	
2022	512S	6	developer	20220512S06D	
2022	<b>512S</b>	7	developer	20220512S07D	
2022	<b>512S</b>	8	developer	20220512S08D	
2022	512S	9	developer	20220512S09D	
2022	<b>512S</b>	10	developer	20220512S10D	
2022	512S	11	developer	20220512S11D	New page added for 2022
2022	512S	12	developer	20220512S12D	New page added for 2022
2022	512S	13	developer	20220512S13D	New page added for 2022
2022	<b>512S</b>	14	developer	20220512S14D	New page added for 2022

Year	Form Number	Page	Category	Barcode	
2022	512-S-SUP	1	developer	2022512SP01D	
2022	512SA	1	developer	2022512SA01D	
2022	513	1	developer	20220051301D	
2022	513	2	developer	20220051302D	
2022	513	3	developer	20220051303D	
2022	513	4	developer	20220051304D	
2022	513	5	developer	20220051305D	New page added for 2022
2022	513NR	1	developer	2022513NR01D	
2022	513NR	2	developer	2022513NR02D	
2022	513NR	3	developer	2022513NR03D	
2022	513NR	4	developer	2022513NR04D	
2022	513NR	5	developer	2022513NR05D	New page added for 2022
2022	514	1	developer	20220051401D	
2022	514	2	developer	20220051402D	
2022	514	3	developer	20220051403D	
2022	514	4	developer	20220051404D	
2022	514	5	developer	20220051405D	
2022	514	6	developer	20220051406D	New page added for 2022
2022	514	7	developer	20220051407D	New page added for 2022
2022	514	8	developer	20220051408D	New page added for 2022
2022	514-SUP	1	developer	2022514SP01D	
2022	514-PT	1	developer	2022514PT01D	
2022	514-PT-SUP	1	developer	2022514PP01D	
2022	518	1	developer	99990051801D	
2022	518-A	1	developer	20220518A01D	

Year	Form Number	Page	Category	Barcode	
2022	518-B	1	developer	99990518B01D	
2022	518-C	1	developer	99990518C01D	
			<u> </u>		
2022	518-D	1	developer	99990518D01D	New form for 2022
2022	528	1	developer	20220052801D	
2022	320	'	developei	20220032001D	
2022	529	1	developer	20220052901D	
			1		
2022	538H	1	developer	20220538H01D	
2022	538H	2	developer	20220538H02D	2nd page added
2022	538S	1	developer	20220538S01D	
2022	538S	2	developer	20220538S02D	2nd page added
2022		4	dovalonos	20220050404D	
2022 2022	<u>561</u>	2	developer developer	20220056101D 20220056102D	
2022	301		developei	20220030102D	
2022	561C	1	developer	20220561C01D	
		-			
2022	561F	1	developer	20220561F01D	
2022	561F	2	developer	20220561F02D	
2022	561P	1	developer	20220561P01D	
2022	561P	2	developer	20220561P02D	
2022	561-PTE	1	developer	2022561PE01D	
2022	561-PTE	2	developer	2022561PE01D 2022561PE02D	
2022	301-1 TE		developel	20223017 L02D	
2022	561S	1	developer	20220561S01D	
2022	561NR	1	developer	2022561NR01D	
2022	561NR	2	developer	2022561NR02D	

Year	Form Number	Page	Category	Barcode	
2022	561NRF	1	developer	2022561NF01D	
2022	561NRF	2	developer	2022561NF02D	
2022	564	1	developer	20220056401D	
2022	565	1	developer	20220056501D	
2022	565	2	developer	20220056502D	
2022	566	1	developer	20220056601D	
		+ , +		222222222	
2022	567-A	1	developer	20220567A01D	
2022	567-A	2	developer	20220567A02D	
2022	567-A	3	developer	20220567A03D	
2022	569	1	dovalonos	000000500045	
2022		2	developer	99990056901D	
2022	569	2	developer	99990056902D	
2022	572	1	developer	99990057201D	
2022	573	1	developer	20220057301D	
2022	574	1	developer	20220057401D	
2022	574	2	developer	20220057402D	
2022	576	1	developer	20220057601D	
2021	577	1	developer	20210057701D	Credit expired 2022. No 2022 version.
2022	578	1	developer	20220057801D	
2022	584	1	developer	20220058401D	
2022		<u> </u>	dovolopol	202200001010	
2022	585	1	developer	20220058501D	
2022	585	2	developer	20220058502D	

Year	Form Number	Page	Category	Barcode	
2022	586	1	developer	99990058601D	
2022	587-PTE	1	developer	2022587PT01D	
2022	587-PTE	2	developer	2022587PT02D	
2000	FOT DIE OUD			000050770047	
2022	587-PTE-SUP	1	developer	2022587PS01D	
2022	587-PTE-SUP	2	developer	2022587PS02D	
2022	588	1	developer	99990058801D	
2023	OW-8-ES	1 thru 4	developer	2023OW8ES01D	fifth digit is an "O" not a zero
2023	OW-8-ESC	1 thru	developer	2023OW8SC01D	fifth digit is an "O" not a zero
2023	OW-8-ES-SUP	1	developer	2023OW8SS01D	fifth digit is an "O" not a zero
2022	OW-8-P	1	developer	2022OW8PP01D	fifth digit is an "O" not a zero
2022	OW-8-P	2	developer	2022OW8PP02D	fifth digit is an "O" not a zero
2022	OW-8-P-SUP-I	1	developer	2022OW8PI01D	fifth digit is an "O" not a zero
2022	OW-8-P-SUP-C	1	developer	2022OW8PC01D	fifth digit is an "O" not a zero
2022	OW-8-P-SUP-C	2	developer	2022OW8PC02D	fifth digit is an "O" not a zero
2022	EF	1	developer	2022000EF01D	
2022	EF-V	1	developer	202200EFV01D	