

## MACRO FUNCTION CODES from the Codes button on the Macro Toolbar and their NTOC() VALUES

[Current as of April 2017 in WordPerfect Office X8]

The [codes] listed in the columns below are text characters that represent special binary codes that are often used in macro commands to search or insert the corresponding actual WordPerfect format codes in a document such as bold or italic format codes. When an actual code is inserted in a macro command using the Tools> Macro> Macro Toolbar> Codes button, in *Reveal Codes* it would appear simply as Macro Func. However, in the *body text* area of a document — such as a macro file's edit screen — it would appear as shown below.

The adjacent 5-digit numbers for each code are the **NToC** values that can be used in macro commands such as (e.g.,) `vItem:=NToC(64261) SearchString(vItem) ...` etc. The macro can then be emailed or posted on a web site as plain text instead of losing the (WordPerfect) binary code in the process because other programs won't recognize it.

*Tip:* To find or verify any NToC value for any item obtained from the Macro Toolbar's **Codes** button you can use the small **macro** below. In fact this was done to produce the list below. Just use the Macro Toolbar's Codes button to insert the desired Code between the two quote marks in the first command, then save and play the macro.

```
// Macro code begins here...
vEnumValue:=CToN("") // <- insert a Code between the quote marks with the Codes button
MessageBox(vAns;; "The NTOC value is "+vEnumValue; OKCancel!)
If(vAns=2 or vAns=7) Quit Endif
Type(vEnumValue) // <- optional: Types the value into the current document
Quit // ...Macro code ends here
```

### SEARCH CODES: (See last page for MERGE, DATE, and OTHER codes.)

[- Hyphen] . . . . .	64261	[Center Tab (all)] . . . . .	64597	[Dot Lead Char] . . . . .	64382
[- Soft Hyphen] . . . . .	64259	[Change BOL Char] . . . . .	64402	[Dropcap Definition] . . . . .	64608
[- Soft Hyphen EOL] . . . . .	64260	[Change EOL Char] . . . . .	64401	[End Cntr/Align] . . . . .	64265
[* (Many Char)] . . . . .	64257	[Chap Num Dec] . . . . .	64471	[Endnote] . . . . .	64428
[...Center Tab] . . . . .	64592	[Chap Num Disp] . . . . .	64453	[Endnote Min] . . . . .	64313
[...Dec Tab] . . . . .	64594	[Chap Num Inc] . . . . .	64462	[Endnote Num Dec] . . . . .	64475
[...Hd Center on Marg] . . . . .	64586	[Chap Num Meth] . . . . .	64443	[Endnote Num Disp] . . . . .	64457
[...Hd Center Tab] . . . . .	64587	[Chap Num Set] . . . . .	64433	[Endnote Num Inc] . . . . .	64466
[...Hd Dec Tab] . . . . .	64590	[Char Count] . . . . .	64655	[Endnote Num Meth] . . . . .	64447
[...Hd Flush Right] . . . . .	64588	[Char Shade Change] . . . . .	64377	[Endnote Num Set] . . . . .	64437
[...Hd Left Tab] . . . . .	64585	[Char Style Off] . . . . .	64477	[Endnote Placement] . . . . .	64355
[...Hd Right Tab] . . . . .	64589	[Char Style On] . . . . .	64476	[Endnote Space] . . . . .	64311
[...Left Tab] . . . . .	64591	[Cntr Cur Pg] . . . . .	64307	[Ext Large Off] . . . . .	64630
[...Right Tab] . . . . .	64593	[Cntr Pgs] . . . . .	64308	[Ext Large On] . . . . .	64614
[? (One Char)] . . . . .	64256	[Col Border] . . . . .	64334	[Fancy Border] . . . . .	64663
[Asian Wrap] . . . . .	64654	[Col Def] . . . . .	64333	[Filename] . . . . .	64395
[Attached Text] . . . . .	64657	[Color] . . . . .	64376	[Fine Off] . . . . .	64634
[Attached Text On] . . . . .	64656	[Comment] . . . . .	64381	[Fine On] . . . . .	64618
[Attached Text Opt] . . . . .	64658	[Condl EOP] . . . . .	64383	[First Ln Ind] . . . . .	64346
[Auto Hyphen EOL] . . . . .	64262	[Count Dec] . . . . .	64467	[Flt Cell Begin] . . . . .	64410
[Bar Code] . . . . .	64396	[Count Disp] . . . . .	64449	[Flt Cell End] . . . . .	64411
[Binding Width] . . . . .	64318	[Count Inc] . . . . .	64458	[Font] . . . . .	64378
[Block Pro Off] . . . . .	64390	[Count Meth] . . . . .	64439	[Font Ntv] . . . . .	64672
[Block Pro On] . . . . .	64389	[Count Set] . . . . .	64429	[Font Size] . . . . .	64379
[Bold Off] . . . . .	64642	[Date] . . . . .	64384	[Font Size Ntv] . . . . .	64673
[Bold On] . . . . .	64626	[Date Fmt] . . . . .	64385	[Footer A] . . . . .	64423
[Bookmark] . . . . .	64388	[Dbl Und Off] . . . . .	64641	[Footer B] . . . . .	64424
[Bot Mar] . . . . .	64304	[Dbl Und On] . . . . .	64625	[Footer Sep] . . . . .	64330
[Box (all)] . . . . .	64649	[DDE Link Begin] . . . . .	64602	[Footnote] . . . . .	64427
[Box Num Dec] . . . . .	64468	[DDE Link End] . . . . .	64603	[Footnote Cont Msg] . . . . .	64315
[Box Num Disp] . . . . .	64450	[Dec Tab] . . . . .	64584	[Footnote Min] . . . . .	64312
[Box Num Inc] . . . . .	64459	[Dec Tab (all)] . . . . .	64600	[Footnote Num Dec] . . . . .	64474
[Box Num Meth] . . . . .	64440	[Dec/Align Char] . . . . .	64357	[Footnote Num Disp] . . . . .	64456
[Box Num Set] . . . . .	64430	[Def Mark] . . . . .	64356	[Footnote Num Each Pg] . . . . .	64314
[Box: Char Anc.] . . . . .	64565	[Delay] . . . . .	64324	[Footnote Num Inc] . . . . .	64465
[Box: Para Anc.] . . . . .	64566	[Delay Codes] . . . . .	64325	[Footnote Num Meth] . . . . .	64446
[Box: Pg Anc.] . . . . .	64567	[Deletion Off] . . . . .	64667	[Footnote Num Set] . . . . .	64436
[Calc Col] . . . . .	64273	[Deletion On] . . . . .	64666	[Footnote Sep Ln] . . . . .	64317
[Cancel Hyph] . . . . .	64267	[Do Grand Tot] . . . . .	64272	[Footnote Space] . . . . .	64310
[Cell] . . . . .	64284	[Do Subtot] . . . . .	64268	[Footnote Txt Pos] . . . . .	64316
[Center on Marg (all)] . . . . .	64596	[Do Total] . . . . .	64270	[Force] . . . . .	64354
[Center Tab] . . . . .	64582	[Dorm HRT] . . . . .	64264	[Formatted Pg Num] . . . . .	64407

[Gen Txt Begin]	64343	[Mrk Txt List Begin]	64369	[SRt-SPg]	64277
[Gen Txt End]	64344	[Mrk Txt List End]	64370	[StkOut Off]	64643
[Graph Line]	64568	[Mrk Txt T.O.C. Begin]	64367	[StkOut On]	64627
[HAdv]	64361	[Mrk Txt T.O.C. End]	64368	[Style]	64647
[HCol]	64281	[OLE Link Begin]	64675	[Subdivided Pg]	64323
[HCol-SPg]	64282	[OLE Link End]	64676	[Subdoc]	64366
[Hd Back Tab]	64569	[Open Style]	64481	[Subdoc Begin]	64371
[Hd Center on Marg]	64574	[Outline]	64349	[Subdoc End]	64372
[Hd Center on Pos]	64575	[Outln Off]	64637	[Subsct Off]	64636
[Hd Center Tab]	64576	[Outln On]	64621	[Subsct On]	64620
[Hd Dec Tab]	64580	[Ovrstk]	64392	[Subscribe Data End]	64607
[Hd Flush Right]	64577	[Page Flow]	64653	[Subscribe Data Start]	64606
[Hd Flush Right (all)]	64598	[Paper Sz/Typ]	64320	[Subtot Entry]	64269
[Hd Left Ind]	64572	[Para Border]	64350	[Suppress]	64305
[Hd Left Tab]	64571	[Para End (all)]	64646	[Suprsct Off]	64635
[Hd Left/Right Ind]	64573	[Para Num]	64398	[Suprsct On]	64619
[Hd Right Tab]	64578	[Para Num Dec]	64473	[T.O.A.]	64364
[Hd Tbl Tab]	64570	[Para Num Disp]	64455	[Tab (all)]	64601
[Header A]	64421	[Para Num Inc]	64464	[Tab Set]	64339
[Header B]	64422	[Para Num Meth]	64445	[Target]	64365
[Header Sep]	64329	[Para Num Set]	64435	[Tbl Dec Tab]	64579
[Hidden Off]	64409	[Para Spacing]	64345	[Tbl Def]	64393
[Hidden On]	64408	[Para Style]	64478	[Tbl Off]	64291
[Hidden Txt]	64373	[Para Style End]	64480	[Tbl Off-SCol]	64292
[Highlight Off]	64662	[Para Style Txt]	64479	[Tbl Off-SPg]	64293
[Highlight On]	64661	[Pause Ptr]	64391	[THCol]	64300
[HPg]	64283	[Pg Border]	64319	[THCol-SPg]	64301
[HRow-HCol]	64288	[Pg Num Dec]	64469	[Third Party]	64613
[HRow-HCol-SPg]	64289	[Pg Num Disp]	64451	[Thousands Sep]	64358
[HRow-HPg]	64290	[Pg Num Fmt]	64327	[THPg]	64302
[HRt]	64278	[Pg Num Inc]	64460	[THRt]	64297
[HRt-SCol]	64279	[Pg Num Meth]	64441	[THRt-SCol]	64298
[HRt-SPg]	64280	[Pg Num Pos]	64306	[THRt-SPg]	64299
[HSpace]	64258	[Pg Num Set]	64431	[Top Mar]	64303
[HyperLink Begin]	64399	[Ptr Cmnd]	64374	[Tot Pgs Disp]	64660
[HyperLink End]	64400	[Publish Data End]	64605	[Tot Pgs Meth]	64659
[Hyph]	64341	[Publish Data Start]	64604	[Total Entry]	64271
[Hyph SRt]	64263	[Redln Off]	64640	[TSRt]	64294
[Index]	64363	[Redln On]	64624	[TSRt-SCol]	64295
[Insertion Off]	64665	[Ref Box]	64413	[TSRt-SPg]	64296
[Insertion On]	64664	[Ref Chap]	64416	[Two-Sided Print]	64322
[Italc Off]	64638	[Ref Count]	64412	[Txt Dir]	64328
[Italc On]	64622	[Ref Endnote]	64420	[Und Off]	64644
[Just]	64340	[Ref Footnote]	64419	[Und On]	64628
[Just Lim]	64387	[Ref Para]	64418	[Undrln Spc]	64359
[Kern]	64375	[Ref Pg]	64414	[UndrLn Style]	64674
[Labels Form]	64321	[Ref Sec Pg]	64415	[Undrln Tab]	64360
[Lang]	64380	[Ref Vol]	64417	[VAdv]	64362
[Large Off]	64632	[Rgt HZone]	64338	[Very Large Off]	64631
[Large On]	64616	[Rgt Mar]	64332	[Very Large On]	64615
[Leading Adj]	64342	[Rgt Mar Adj]	64348	[Vol Num Dec]	64472
[Left Tab]	64581	[Right Tab]	64583	[Vol Num Disp]	64454
[Left Tab (all)]	64595	[Right Tab (all)]	64599	[Vol Num Inc]	64463
[Lft HZone]	64337	[Row]	64285	[Vol Num Meth]	64444
[Lft Mar]	64331	[Row-SCol]	64286	[Vol Num Set]	64434
[Lft Mar Adj]	64347	[Row-SPg]	64287	[Watermark A]	64425
[Line Count]	64652	[Sec Pg Num Dec]	64470	[Watermark B]	64426
[Link]	64403	[Sec Pg Num Disp]	64452	[Wid/Orph]	64309
[Link End]	64404	[Sec Pg Num Inc]	64461	[Wrd/Ltr Spacing]	64386
[Linked Object]	64609	[Sec Pg Num Meth]	64442	[Writing Tools]	64394
[Ln Brk]	64668	[Sec Pg Num Set]	64432	[XML Char Ref]	64611
[Ln Height]	64335	[Shadw Off]	64639	[XML Entity Ref]	64612
[Ln Num]	64353	[Shadw On]	64623	[XML Mrk Sec Off]	64680
[Ln Num Meth]	64448	[Sm Cap Off]	64645	[XML Mrk Sec On]	64679
[Ln Num Set]	64438	[Sm Cap On]	64629	[XML Proc Inst Off]	64678
[Ln Spacing]	64336	[Small Off]	64633	[XML Proc Inst On]	64677
[Macro Func]	64406	[Small On]	64617	[XML Tag (End)]	64405
[Math]	64352	[Sound]	64397	[XML Tag (Start)]	64266
[Math Def]	64351	[SRt]	64275	[XML WP Data Off]	64650
[Math Neg]	64274	[SRt-SCol]	64276	[XML WP Data On]	64651

**MERGE CODES:**

[All Merge Codes] . . . . .	64648	[MRG: ENDSWITCH] . . . . .	64491	[MRG: POSTNET] . . . . .	64564
[MRG: ASSIGN] . . . . .	64514	[MRG: ENDWHILE] . . . . .	64496	[MRG: PRINT] . . . . .	64501
[MRG: ASSIGNLOCAL] . . . . .	64542	[MRG: FIELD] . . . . .	64528	[MRG: PROCSOFF] . . . . .	64511
[MRG: BEEP] . . . . .	64482	[MRG: FIELDNAMES] . . . . .	64529	[MRG: PROCSOON] . . . . .	64503
[MRG: BREAK] . . . . .	64483	[MRG: FIRSTCAP] . . . . .	64530	[MRG: PROMPT] . . . . .	64551
[MRG: CALL] . . . . .	64515	[MRG: FOREACH] . . . . .	64532	[MRG: QUIT] . . . . .	64502
[MRG: CANCELOFF] . . . . .	64484	[MRG: FORNEXT] . . . . .	64531	[MRG: REPEATROW] . . . . .	64610
[MRG: CANCELON] . . . . .	64485	[MRG: GETSTRING] . . . . .	64533	[MRG: RETURN] . . . . .	64504
[MRG: CAPS] . . . . .	64516	[MRG: GO] . . . . .	64534	[MRG: RETURNCANCEL] . . . . .	64505
[MRG: CASEOF] . . . . .	64518	[MRG: IF] . . . . .	64535	[MRG: RETURNERROR] . . . . .	64506
[MRG: CHAINDATA] . . . . .	64520	[MRG: IFBLANK] . . . . .	64536	[MRG: REWRITE] . . . . .	64507
[MRG: CHAINFORM] . . . . .	64521	[MRG: IFEXISTS] . . . . .	64537	[MRG: STATUSPROMPT] . . . . .	64552
[MRG: CHAINMACRO] . . . . .	64519	[MRG: IFNOTBLANK] . . . . .	64538	[MRG: STEPOFF] . . . . .	64508
[MRG: CHAR] . . . . .	64522	[MRG: INSERT] . . . . .	64539	[MRG: STEPON] . . . . .	64509
[MRG: CODES] . . . . .	64523	[MRG: KEYBOARD] . . . . .	64540	[MRG: STOP] . . . . .	64510
[MRG: COMMENT] . . . . .	64524	[MRG: LABEL] . . . . .	64541	[MRG: STRLEN] . . . . .	64553
[MRG: CONTINUE] . . . . .	64486	[MRG: LOOK] . . . . .	64543	[MRG: STRPOS] . . . . .	64554
[MRG: CTON] . . . . .	64525	[MRG: MRGCMND] . . . . .	64544	[MRG: SUBSTDATA] . . . . .	64555
[MRG: DATE] . . . . .	64487	[MRG: NESTDATA] . . . . .	64545	[MRG: SUBSTFORM] . . . . .	64556
[MRG: DEFAULT] . . . . .	64488	[MRG: NESTFORM] . . . . .	64546	[MRG: SUBSTR] . . . . .	64557
[MRG: DISPLAYSTOP] . . . . .	64489	[MRG: NESTMACRO] . . . . .	64547	[MRG: SWITCH] . . . . .	64517
[MRG: DOCUMENT] . . . . .	64526	[MRG: NEXT] . . . . .	64497	[MRG: SYSTEM] . . . . .	64558
[MRG: ELSE] . . . . .	64490	[MRG: NEXTRECORD] . . . . .	64498	[MRG: TOWER] . . . . .	64559
[MRG: EMBEDMACRO] . . . . .	64527	[MRG: NTOC] . . . . .	64548	[MRG: TOUPPER] . . . . .	64560
[MRG: ENDFIELD] . . . . .	64492	[MRG: ONCANCEL] . . . . .	64549	[MRG: VARIABLE] . . . . .	64561
[MRG: ENDFOR] . . . . .	64493	[MRG: ONERROR] . . . . .	64550	[MRG: WAIT] . . . . .	64562
[MRG: ENDIF] . . . . .	64494	[MRG: PAGEOFF] . . . . .	64499	[MRG: WHILE] . . . . .	64563
[MRG: ENDRECORD] . . . . .	64495	[MRG: PAGEON] . . . . .	64500		

**DATE CODES:**

Am/Pm . . . . .	64038	Hour(00)#, Leading Zero . . . . .	64030	Month# . . . . .	64012
Am/Pm Abv. . . . .	64040	Hour(12)# . . . . .	64023	Month#, Roman . . . . .	64015
Am/Pm Abv. Caps . . . . .	64041	Hour(12)#, Leading Space . . . . .	64025	Month#, Leading Space . . . . .	64014
Am/Pm Caps . . . . .	64039	Hour(12)#, Leading Zero . . . . .	64024	Month#, Leading Zero . . . . .	64013
Day . . . . .	64000	Hour(24)# . . . . .	64026	Seconds# . . . . .	64035
Day Abv. . . . .	64001	Hour(24)#, Leading Space . . . . .	64028	Seconds#, Leading Space . . . . .	64037
Day Abv. Caps . . . . .	64003	Hour(24)#, Leading Zero . . . . .	64027	Seconds#, Leading Zero . . . . .	64036
Day Caps . . . . .	64002	Minute# . . . . .	64032	Year(2)# . . . . .	64018
Day# . . . . .	64004	Minute#, Leading Space . . . . .	64034	Year(2)#, Roman . . . . .	64021
Day#, Roman . . . . .	64007	Minute#, Leading Zero . . . . .	64033	Year(2)#, Leading Space . . . . .	64020
Day#, Leading Space . . . . .	64006	Month . . . . .	64008	Year(2)#, Leading Zero . . . . .	64019
Day#, Leading Zero . . . . .	64005	Month Abv. . . . .	64009	Year(4)# . . . . .	64016
Hour(00)# . . . . .	64029	Month Abv. Caps . . . . .	64011	Year(4)#, Roman . . . . .	64017
Hour(00)#, Leading Space . . . . .	64031	Month Caps . . . . .	64010		

**OTHER CODES (for page numbering):**

Chpt # . . . . .	63778	Sec Page # . . . . .	63777	Vol # . . . . .	63779
Page # . . . . .	63776	Tot Pages # . . . . .	63782		