

SOLUTION: Port Codes

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As part two of the homage to [Journal Logs](#) in CPC 2016, we have a puzzle about Port Codes. The puzzle says you start at port codes, which turn out to be part of the TCP/IP suite (ref: "the correct protocol / ideal protocol"):

Port	ServiceName	Enumeration and Index	Extraction
88	kerberos	○ ○ ○ ● ○ ○ ○ ○	B
53	domain	○ ○ ○ ○ ● ○	I
43	nickname	○ ○ ○ ● ○ ○ ○	N
19	chargen	○ ○ ○ ○ ● ○ ○	G
464	kpasswd	○ ○ ○ ○ ○ ● ○	W
113	auth	○ ○ ○ ●	H
143	imap	○ ○ ● ○	A
80	http	○ ● ○ ○	T
110	pop3	○ ○ ○ ●	3
532	netnews	○ ○ ○ ○ ○ ● ○	W
7	echo	○ ○ ○ ●	O
515	printer	○ ○ ○ ○ ○ ○ ●	R
17	qotd	○ ○ ○ ●	D
544	kshell	○ ● ○ ○ ○ ○	S

You do a Bing search and find www.what3words.com, a website dedicated to encoding 3m × 3m sections of the world using three words, separated by periods. Could the IP-address-look-a-like sequence of numbers be words? Using simple alphanumeric substitution, you find 3 words that help you map to geographic locations in the United States.

All locations are close to bodies of water. The next step is to use the [port codes](#) of these locations, from Customs and Border Protection (ref: "customs").



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Source/Destination	Words	Place	CBP Port Code
Source	cakes.farm.nets	Bangor, Maine	0102
Destination	thundered.shudder.tulips	Limestone, Maine	0118
Source	cats.thank.topped	Pittsburgh, Pennsylvania	1104
Destination	single.beard.lodge	Allentown, Pennsylvania	1119
Source	timidly.wanting.mimed	Orlando, Florida	1808
Destination	slur.urged.together	Port St. Joe, Florida	1820
Source	gained.tune.trailing	Ventura, California	2712
Destination	presses.market.birds	Port Hueneme, California	2713
Source	crowd.next.stops	Seattle, Washington	3001
Destination	public.fish.homes	Oroville, Washington	3019
Source	sticky.bobbing.clattered	Ambrose, North Dakota	3410
Destination	correctly.counters.unveil	Westhope, North Dakota	3419
Source	organ.pouch.oiled	Columbus, Ohio	4103
Destination	digs.soap.regard	Ashtabula/Conneaut, Ohio	4122

Using destination numbers minus source numbers for each pair, you obtain the answer POLARIS, the signature star of the LITTLE DIPPER. This answer was chosen to match the puzzle No Air in this same year, which answer is BIG SWIM.

