

## Electronic Chart Numbering System

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Electronic charts come in two styles. One is called raster navigation charts (RNC), which are direct copies of the corresponding paper charts. They are named the same as the paper charts. The other is called electronic navigation charts (ENC). These are vector charts, and they have a unique naming system that is not related to the corresponding RNC—if there is a relationship it is in secret code. The purpose of this note is to provide that naming correlation, which is often needed in navigation.

You can download both charts from [www.starpath.com/getcharts](http://www.starpath.com/getcharts) (a custom link that we keep up to date) and at the time of download there is a page for downloading individual echarts and that includes a table format that shows both names. But once you have the chart copied to your computer this correlation is lost. Some, but not all, echart programs can help locate the right vector chart if you have both RNC and ENC installed, but many will not. Also unless you install all charts you have, you will not know which is which. Thus having this file can save a lot of time—at least that is our experience, and we work with these often.

The most common formats for these two chart types used by NOAA is BSB format for RNC and S-57 format for the ENC.

There are several echart programs from commercial vendors that will show both RNC and ENC in the standard format. They can also both be seen in the open source (free) program from [www.opencpn.org](http://www.opencpn.org).

For safe efficient use of echarts, we have our online course on Inland and Coastal Navigation, which can be seen at [www.starpath.com/courses](http://www.starpath.com/courses).



RNC	ENC
50	US1PO02M
411	US1GC09M
500	US1WC04M
501	US1WC01M
513	US1BS01M
513	US1BS02M
514	US1BS03M
514	US1BS04M
526	US1EEZ1M
526	US1EEZ2M
530	US1WC07M
530	US1WC08M
531	US1WC02M
540	US1HA01M
4015	US2GC11M
4016	US2GC12M
4145	US2GC13M
4146	US2GC14M
4147	US2GC15M
4148	US2GC16M
11009	US2EC02M
11013	US2EC01M
11300	US3GC01M
11301	US4TX11M
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11325	US5TX57M
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11327	US5TX54M
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11330	US3GC02M
11331	US5TX61M
11332	US4TX71M
11340	US3GC03M
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11359	US5LA41M
11360	US3GC05M
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11376	US4AL11M
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11380	US5AL14M
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11383	US5FL72M
11384	US5FL73M
11385	US5FL62M
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11390	US5FL61M
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12224	US5VA14M
12225	US4VA40M
12226	US5VA10M
12228	US5VA16M
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14815	US5NY30M
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14823	US4NY33M
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14823	US5NY36M
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14825	US4OH02M
14825	US5OH40M
14826	US4OH01M
14828	US4PA20M
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14833	US5NY35M
14835	US5PA22M
14836	US5OH05M
14837	US5OH06M
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14852	US5MI32M
14852	US5MI33M
14854	US5MI22M
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14862	US4MI42M
14863	US4MI65M
14864	US4MI67M

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14909	US5WI06M
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16343	US4AK53M
16363	US4AK5GM
16380	US3AK8CM
16381	US5AK8AM
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16440	US3AK7BM
16441	US4AK7CM
16450	US4AK7FM
16460	US3AK7GM
16460	US3AK7WM
16462	US5AK7HM
16463	US5AK7IM

16465	US4AK7JM
16467	US4AK7KM
16471	US4AK7LM
16474	US5AK7MM
16475	US5AK7NM
16476	US5AK7OM
16478	US5AK7QM
16480	US3AK7RM
16484	US5AK7SM
16486	US5AK7TM
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16490	US5AK7VM
16500	US3AK60M
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16561	US4AK59M
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16568	US4AK5IM
16570	US5AK5AM
16575	US4AK5JM
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16576	US4AK5BM
16580	US3AK5KM
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16590	US4AK5LM
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16596	US5AK5DM
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16606	US4AK19M
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16640	US3AK12M
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16702	US5AK28M
16704	US5AK29M
16705	US4AK2AM
16706	US5AK2BM
16707	US5AK23M
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16710	US5AK2CM
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16712	US5AK10M
16713	US5AK11M
16723	US4AK26M
16760	US3AK38M
16761	US4AK3XM
17300	US3AK3AM
17300	US3AK4ZM
17301	US5AK37M

17302	US4AK36M
17311	US5AK35M
17315	US5AK31M
17316	US4AK32M
17316	US5AK32M
17317	US4AK33M
17318	US4AK3DM
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17326	US5AK3GM
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17328	US5AK3SM
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17360	US3AK3UM
17368	US5AK3TM
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17372	US5AK3JM
17375	US5AK3KM
17382	US4AK3MM
17384	US5AK3NM
17385	US4AK3OM
17386	US5AK3PM
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17425	US4AK48M
17427	US4AK46M
17428	US5AK47M
17434	US4AK49M
17434	US4AK4SM
18007	US2WC12M
18020	US2WC11M
18400	US3WA02M
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18427	US5WA31M
18428	US5WA33M
18429	US5WA32M
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18432	US5WA44M
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18541	US5OR25M
18542	US5OR26M

18543	US5OR32M
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18546	US5OR34M
18547	US5OR35M
18548	US5OR36M
18580	US3OR02M
18587	US5OR47M
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18746	US5CA60M
18749	US5CA61M
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25675	US5PR62M
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26194	US5PR50M
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81054	US5SP03M
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81076	US5SP07M
81086	US5SP08M
81664	US5SP10M
83116	US5SP20M
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83157	US5SP22M
83484	US4SP30M
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14918	US5WI02M
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14975	US5WI11M
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