

14th CHRIS Meeting, Shanghai, China, 15-17 August 2002

ENC DEVELOPMENT IN THE UNITED STATES

(August 2002)

United States (NOAA)

1. The following table gives the status of chart products for the United States as of June 2002.

Paper	Raster	ENCs	Equiv.'t Paper charts	Version One	Version Two	Active Updates
1002	1002	199	199	40	159	0

The current goal is to complete coverage of most of the major commercial ports in the U.S and some miscellaneous Alaska charts, approximately 215 ENC's. We are currently about 90% complete towards this goal with a projected completion by October, 2002. We will then proceed with production of approximately 400-450 additional ENC's to give complete U.S. coverage. NOAA estimates the completion of the additional ENC's by 2007.

The first 60 ENC's produced in the U.S. have reduced content and are intended for deep draft navigation only. These ENC's are referred to as "Version One" data. "Version Two" ENC's contain full chart detail, minus roads, railroads and land contours. All ENC's in work and to be produced in the future are Version Two. All Version One ENC's will be upgraded to Version Two as time and resources permit. Both versions conform to S-57 version 3.1.

2. Up to date information about the U.S. ENC program as well as the U.S. raster chart program can be found at our Web site: <http://chartmaker.ncd.noaa.gov/>.
 3. ENC's are produced using the LaserScan Automated Map Production System 2 (LAMPS2).
 4. QA is done using several packages, primarily dKart Inspector.
 5. Distribution will be via the Internet with no charge. Since NOAA ENC's were first posted in July 2001, over 170,000 NOAA ENC's have been downloaded. Updates will also be freely available. NOAA ENC's are distributed unencrypted.
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