

Status of Inland ENCs in the USA

Denise R. LaDue
US Army Corps of Engineers (USACE)

Legal Status of Inland ENC's in the USA

ENC Standard Edition 3.1





- 2001 - Prior to the establishment of the IEHG, USACE adopted this as the format for all USACE Inland ENC's
- Sixteen (16) waterways, totalling 9,234 kilometres completed

Inland ENC Standard 2.1 (Encoding Guide 1.3.1)

- 2008 – USACE made the decision to produce all new charts to this standard, however ECS vendors in the US were not prepared for implementation.
- Four (4) waterways, totalling 1,826 kilometres completed and provided to ECS vendors for test purposes.

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ENC Standard Edition 2.2 (Encoding Guide 2.2.0)

-  2010 – Decision made by USACE to produce new Inland ENC's to this standard when production tools become available
-  Partnering with ESRI to develop a Nautical Solution (NIS) based on this standard. NIS will allow for production of Inland ENC's and paper Navigation Chart Books from the same geodatabase which will be compliant with spatial data standards mandated by the US Army.
-  2011 - Conversion of charts from ENC 3.1 & Inland ENC 2.2 to Inland ENC 2.2 begun.
-  2012 – Migration of all charts to Inland ENC 2.2 Scheduled

Implementation of Inland ENC's in the USA

River / Waterway	Miles	Kilometers	S-57 - ENC (3.1)	Inland ENC (2.1)	Inland ENC (2.2)
Alabama River	304	489			In production
Allegheny River	14	23	Published	Published	Planned 2012
Arkansas River	445	716	Published		In production
Atchafalaya River	118	190	Published		Planned 2011/2012
Black Warrior River	235	378	Published		Planned 2012
Cumberland River	381	613	Published		Planned 2012
Green River	108	174	Published		Planned 2012
Illinois Waterway	337	542	Published		Planned 2011/2012
Kanawha River	91	146	Published		Planned 2012
Kaskaskia River	36	58		Published	Planned 2011
Lower Mississippi River	715	1,151	Published		Planned 2012
Missouri River	733	1,180		Published	Planned 2011
Mobile / Tombigbee Rivers	217	349	Published		Planned 2011/2012
Monongahela River	129	208	Published		Planned 2012
Ohio River	981	1,579	Published		Planned 2012
Ouachita River	351	565		Published	Planned 2011
Red River	237	381	Published		Planned 2011/2012
Tennessee River	652	1,049	Published		Planned 2012
Tenn-Tom Waterway	234	377	Published		Planned 2012
Upper Mississippi River	866	1,394	Published		Planned 2012
White River	245	394			Planned 2012
Total	7,429	11,955			

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Questions ?