TRANSAS NAVI-SAILOR 3100 Load Charts/Updates using Chart Assistant and Verify Chart Collections JOB AID



Version 1.0

3 March 2009

Training Branch United States Coast Guard Command and Control Engineering Center (C2CEN) 4000 Coast Guard Blvd Portsmouth, VA

PREFACE

This document contains the Transas Navi-Sailor 3100 Load Charts/Updates using Chart Assistant and Verify Chart Collections Job Aid as designed, developed, and approved by the Training Branch of the United States Coast Guard Command and Control Engineering Center, Portsmouth, VA.

Transas NAVI-SAILOR 3100 Load Charts/Updates using Chart Assistant and Verify Chart Corrections JOB AID

JOB AID APPROVAL

Reviewed by Senior Course Designer: Patricia A. Dobbins (Signature) (Date) Reviewed for content LT. Arthur P. Martin by Product Leader: (Signature) (Date) **Reviewed by Training** 5 May Robert C. Daniels **Program Manager:** (Signature) (Date) Approved by Training Branch Chief: LT. Patrick J. Gallagher 114209 (Signature) (Date) **Training Branch** United States Coast Guard

United States Coast Guard Command and Control Engineering Center (C2CEN) Portsmouth, VA 23703 CGWEB.LANT.USCG.MIL/C2CEN

2

TABLE OF CONTENTS

PREFACE	1
JOB AID APPROVAL	2
TABLE OF CONTENTS	3
INTRODUCTION	4
INSTALLING THE LICENSE	5
INSTALLING CHARTS: TX-97, BSB, DNC, ENC	10
SYNCHRONIZE THE LAPTOP AND MASTER CHART COLLECTIONS	12
VERIFY CHART COLLECTIONS	16
TERMS / ABBREVIATIONS / ACRONYMS	19

INTRODUCTION

This job aid provides detailed steps to Load Charts/Updates using Chart Assistant and Verify Chart Collections in the event that updates are required.

Equipment needed:

NAVI-SAILOR 3100 Chart CD's World Folio CD's License CD

TRANSAS NAVI-SAILOR 3100 Load Charts/Updates using Chart Assistant and Verify Chart Collections JOB AID

INSTALLING THE LICENSE

Note:

Install charts only at the laptop. The charts will be transferred to the RS4 computer via the Synchronization process.

Note:

The following are procedures to install S57 (SENC), BSB or DNC, and TX97 charts. The preferred method is to use the Transas World Folio CD's and the monthly update CD's. The World Folio CD's has an auto-start feature when the disk is inserted into the CD drive and a license update prompt built into the process. It's assumed the Chart Assistant feature is already installed on the PC.

- 1. Insert the Dongle in any available USB port of the laptop.
- 2. Insert the License CD in the CD drive of the laptop.
- 3. Allow the CD to Auto Start. The following dialog box will appear.



If the dialog box does not appear automatically, navigate to the CD drive.

- 4. Select "Edit", then "Select All", then "Edit", and then "Copy."
- 5. Navigate to the C: $\$ drive of the laptop.
- 6. On the C:\ drive, Right Click, then click "Paste."

- 7. Close the Local Disk (C:) window.
- 8. On the laptop, click "Start," > "Programs," > "Navi-Sailor 3100 ECDIS," > "Chart Assistant" for the Chart Assistant Application to open. Chart Assistant can also be started by double-clicking the Chart Assistant icon on the desktop.

The second se		
Administr	ator	
Internet	🧭 My Documents	
🚰 E-mail	🌸 Set Program Access and Defaults	 Traditional statements
Outlook Express	💖 Windows Catalog	And the second second second
144	🌯 Windows Update	and the fail of the second states
👹 Paint	Accessories	
Navi-Sailor 3100 ECD	🛅 Games 🔹 🕨	
	💼 Navi-Sailor 3100 ECDIS 🛛 🔹	Colour Diagrams
ChartAssistant	💼 Realtek Sound Manager 🔹 🕨	🕨 🌄 Data Tool
The second second	🛅 Startup 🔹	Datum Transformation
System Configuration	🥭 Internet Explorer	🛣 First Aid
용 Windows Messenger	💖 MSN Explorer	Navi-Sailor 3100 ECDIS
*	🗐 Outlook Express	🗃 Play Back
AvRack	🔔 Remote Assistance	😰 Restore configuration
alles with	🕑 Windows Media Player	🔒 System Configuration Utility
All Programs 👂	🔏 Windows Messenger	🖏 ChartAssistant
	Log Off 🚺 Turn Off Compu	Location: C:\Transas\ChartAssistant
背 start		

9. The "Chart Assistant Wizard" will open.



- 10. Select "Start Chart Assistant for advanced users," then click "OK."
- 11. Wait while chart data loads.



12. The "Chart Assistant" will open.

8	Ch	artAssistant															
Т	abl	e Ship Collec	tion 🛛 Ca	talogue													
[T	F X97	ormat: TX97 🗸	Dis Dis	ik Insta		Update	Info	License	Delete	Reports	▼ E:	xternal storage:		Help	▼ Exit		
		Chart	Edition	Last correction	Size	License					^	Note	Chart	Edition	Last correction	Size	License
		38137a	05-2005	26-01-2008	8 Kb	No					-1						
		38137Ь	05-2005	26-01-2008	8 Kb	No											
		68085	12-2007	26-01-2008	24 Kb	No											
		68085a	12-2007	26-01-2008	19 Kb	No											
Ш		68085b	12-2007	26-01-2008	3 КЬ	No											
		a1219	09-2007	21-02-2008	15 Kb	No											
		a1219a	09-2007	21-02-2008	14 Kb	No											

13. Select the "License" tab.

Scan Disk	
CD (D:\)	
Floppy (A:\)	
USB Storage device (NotSe	elected)
Browse	

- 14. Select "Browse."
- 15. Navigate to the C: $\ drive.$

16. A "Chart Assistant Last Operation Log" dialog box will appear stating the license was updated.



17. In the "Chart Assistant Last Operation Log" dialog box, click "Close."

18. Remove the License CD from the CD drive.

INSTALLING CHARTS: TX-97, BSB, DNC, ENC

- 19. Insert "World Folio CD 1" in the CD drive on the laptop.
- 20. If the CD auto-starts, the following screen will appear. If the CD does not autostart, proceed to step 22.
- 21. In the Transas CD Setup dialog box, click "Exit Setup."



22. In "Chart Assistant", click "Disk."

🈻 C	hartAssistant																
Tab	ole Ship Colle	tion 🛛 Ca	talogue														
	Format: TX97	Dis	ik Instal		Update	Info	License	Delete	Reports	•			Г	Help	▼ Exit		
тх9	7 Internal collectio	n:								E	xternal sto	rage:					
	Chart	Edition	Last correction	Size	License					~	Note	Ch	iart	Edition	Last correction	Size	License
	38137a	05-2005	26-01-2008	8 Kb	No												
	38137Ь	05-2005	26-01-2008	8 Kb	No												
	68085	12-2007	26-01-2008	24 Kb	No												
	68085a	12-2007	26-01-2008	19 Kb	No												
	68085b	12-2007	26-01-2008	3 КЬ	No												
	a1219	09-2007	21-02-2008	15 Kb	No												
	a1219a	09-2007	21-02-2008	14 Kb	No												

23. Click "CD (D:\)."

Scan Disk		
	CD (D:\)	
	Floppy (A:\)	
	USB Storage device (NotSelected)	
	Browse	

24. Select options that apply, then click "OK."

Actions available for D:\		X
🔽 Load TX97 Catalogue	TX97 CD WK49-08 (WF 42)	<u>^</u>
F Show TX97 Disk Content	Transas World Folio, Issue WF 42, Main Collection CD 1	
🔽 Install TX97 charts	Transas World Folio, Issue WF 42, Main Collection CD 1	≡
View report		
OK Cancel		
		×

The charts are now being loaded.

Chart Assistant	
Task 1 of 2	
Loading TX97 catalogue	

The "Chart Assistant last operation log" dialog box will appear with the source information displayed.

25. Click "Close."

Chart Assistant last operation log			
Close Back	E-Mail	Export	Print
02-02-2009 12:46:16 UTC Catalogue update			
New catalogue is installed: TX97 CD WK49-08 (WF 42)			
02-02-2009 12:49:01 UTC Charts installation			
Source: Transas World Folio, Issue WF 42, Main Collection CD 1			

26. Repeat steps 19 - 25 for additional World Folio CD's and other chart type CD's.

Synchronize the Laptop and Master Chart Collections

27. In "Chart Assistant" dialog box, select "Network" tab.

Table Ship Collection Network * Charle assard robection v: consert 4:0 19-02:009 on backup THEE ARE UNPULSISED CHARTS COLLECTION Help * Charle assard Mater Norming v: 7.114:01.9-02:009 on backup List published collection Backup Difference Difference Difference Backup Difference Differenc Difference </th <th>ChartAssistant</th> <th></th> <th></th> <th></th> <th></th> <th>F</th>	ChartAssistant					F
Check Assistant Collection Version 2009 on backup THERE APEL UNPUBLISHED CAMPAGES IN CHARGES CALLECTION INTO Construction 2009 on backup Backup Called Collection Version 2009 on backup Backup Called Collection Research 2009 on backup Called Collec	Table Ship Collection Network *	*)				
Comporter name Jataba Lockets der Paster namming v. 7 14-40 19-02-2009 on badup bez published collection Badup namming v. 7 14-40 19-02-2009 on badup bez published collection Restore from to	Chart Assistant collection v.7 created 1	4:40 19-02-2009 on backup THERE ARE L	INPUBLISHED CHANGES IN CHARTS COLLI	ECTION	Help 👻	Create new collection
Mater running V.7144019-02-2009 on badup bet published collection Restore from:	Computer name state	collection	status			Update clients
	Annual Annua	140 19-02-2009 on backup THERE ARE L Collection **7 14:40 19-02-2009 on backup **7 14:40 19-02-2009 on backup	NPUBLISHED CHANGES IN CHARTS COLL status lest published collection last published collection		Help	Create new collection Update clerks Biblio charts selection Restore from backup

28. Ensure NaviSailor 3100 is NOT running on the Master Transas computer.

29. Click on "Create New Collection/Update Clients."

30. A "Chart Assistant" dialog box will open within Chart Assistant.

🔓 Charl Assista	mt.					
Table Ship Ci	ollection Netwo	rk *				
Chart Assistant	collection v.7 create	ed 14:40 19-02-2009 on backup THERE ARE	UNPUBLISHED CHANGES IN CHARTS COL	LECTION	Help 👻	Create new collection
Computer name	state	collection	status			Update clients
Backup	running	v.7 14:40 19-02-2009 on backup v.7 14:40 19-02-2009 on backup	last published collection last published collection			Backup charts collection
						Restore from backup
						2
		Chartéssi	stant	X		
			Joload Maui Sailor			
			The ship chart collection can safely be upd Otherwise pavination mode in Navi Sailor c	ated on all network stations only if Navi Sailor application is not loaded.		
			Are you sure to continue?	an be terminated in dirusdarway.		
				es No		
1.9 GB free						

- 31. In Chart Assistant, verify that Master and Backup are running with the same collections.
- 32. Verify an asterisk (*) appears on the "Network" tab. This indicates there are unsynchronized files in the database.
- 33. Click "Yes."

34. The following screen will appear. This process may take several minutes depending upon the number of charts loaded.

able Chin Co	loction Catalo	Network			
able Ship Cu	lection Catalo				l.
Computer pame	rection v.9 create	collection	etatue		Create new collection Update clients
Master Backup	running running	v.8 17:09 19-02-2009 on backup v.8 17:09 19-02-2009 on backup	update required update required		Backup charts collection Restore from backup
		Chart Assi Greating co Updating ci Copying Ci	lant exton : version #9 of chart collection created nts : Master Transes/WS3100(CmCharts)actual : copy Cl\Transes/WS3	IO0(CmCharts)actual(ChartAssistant.ogs X	

- 35. When synchronization is complete, the following screen will appear.
- 36. Exit Chart Assistant by clicking on the "X" at the top right hand corner of the screen.

🏶 ChartAssistan	ChartAssistant				
Table Ship Collection Catalogue Network					
Chart Assistant co	lection v.9 create	d 11:44 20-02-2009 on backup		Help 👻	Create new collection
Computer name	state	collection	status		Update clients
Backup	running	v.9 11:44 20-02-2009 on backup v.9 11:44 20-02-2009 on backup	up to date up to date		Backup charts collection
					Restore from backup
1.6 GB free					

VERIFY CHART COLLECTIONS

37. On the Master Transas computer, Click "Start," > "All Programs," > "Navi-Sailor 3100 ECDIS," > "System Configuration Utility" for the Configuration Utility to open.



- 38. Enter the password when prompted.
- 39. There will be two tabs, "Graphic User Interface," and "Service."
- 40. Click on "Service."

41. Click "General Settings" bar.

🔒 System Configuration Utility					
Graphic User Interface Service					
General					
General Settings					
Protected Settings					
Protected Settings					
Exit					

- 42. Verify that the Node Name reads "Master" and that the "Master" radio button is selected.
- 43. Click "Advanced Databases" tab.

🔒 Service General Settings	
General Advanced Databases	Watch Organization 6
	End of Watch: 00:00
	OK Cancel Apply

44. Look under the Chart Collections and assure that the proper chart types are selected. See below for the configuration of supported Chart Data.

j	General Advanced Databases		×
	Chart Collections Transas ENC ARCS BSB and NOS/GEO DNC Seafarer Databases C Transas C Transas C Total Tide Base	User Chart Select Symbol Library Symb. Ext. bmp Current Selected: Symb_Ext. bmp	User Ship Contour Select User Ship Contour Default
	India I Tidal Currents I Surface Currents	Copy Active To	Current User Ship Contour: Default
-			OK Cancel Apply

45. Click "OK."

46. Click "Exit" to exit the System Configuration Utility.

Note

Chart Collections that Transas will display with current licenses and should be checked to display:

- Transas- will display all Transas (TX-97) chart collections produced by Transas Marine
- ENC- will display all Electronic Navigational Charts produced by NOAA
- BSB and NOS/GEO- will display all Raster type formatted charts
- DNC- will display all Vector Product/DNC formatted charts

Chart Collections that Transas will display but are not supported or licensed for and should be unchecked and turned OFF:

- ARCS- will display all British Admiralty Raster Chart formats
- Seafarer- will display all Seafarer formatted charts

TERMS / ABBREVIATIONS / ACRONYMS

- ARCS Admiralty Raster Chart
- BSB A type of Raster Navigational Chart
- DNC Digital Nautical Chart
- ENC Electronic Nautical Chart
- RNC Raster Nautical Chart
- SENC System Electronic Navigation Chart