NWS REQUEST FOR CHANGE FORM	1. WSH TRACKING NUMBER **ISCS 0195**	1A. REV LEVEL	2. DATE RECEIVED 10/09/2019

PART A - COVER SHEET

This form is in three parts. Submitters must complete unshaded blocks in Part A, and as much of Part B and C as possible. If there is no specific required change date, enter 60 days from date submitted. Address questions to NWS Change Management at (301) 713-1373. Submit change requests to the NWSRC mailbox (External: NWSRC@noaa.gov).

3. ORIGINATOR OFFICE OCWWS	4. SUBMITTING AUTHORITY Name: **Glendell De Souza** Routing Code: Phone: **+ 868 622 4711**	5. COGNIZANT TECHNICAL INDIVIDUAL Name: Donald Fletcher Routing Code: W/DISS/DSB Phone: 301-427-9680	6. ORIGINATOR TRACKING NUMBER NA	7. DATE SUBMITTED September 26, 2019

8. SYSTEMS AFFECTED BY CHANGE

☐ ASOS	☐ AWIPS	☐ CSSA	☐ CRS	☐ DATA PRODUCTS
☐ EMWIN	☐ NEXRAD	☐ RRS	☒ OTHER (specify) ISCS GIFS/GNC-A	

9. ORD IDENTIFIER

10. TITLE OF CHANGE
Add Cayman Islands BUFR Products

11. CATEGORY OF CHANGE
☒ RC ☐ PECP ☐ ECP

12. TYPE OF CHANGE
☐ DOCUMENTATION ONLY ☐ HARDWARE ☐ SOFTWARE ☒ DATA

13. SITES AFFECTED
ALL GTS SITES (GIFS and GNC-A)

14. STATEMENT OF REQUIREMENT, PROBLEM, OR DEFICIENCY OF EXISTING SYSTEM

The Cayman Islands National Weather Service is conforming to the WMO requirement that all synoptic observations be transmitted in BUFR format.

15. KNOWN OR PROPOSED SOLUTION

ADD - Cayman Islands synoptic observation in BUFR format into the GIFS database by adding WMO Header Information and make the BUFR products available on the GIFS server for download.

All observations made within the period 1000 UTC to 0200 UTC each calendar day will be transmitted in BUFR format including all upper-air observation which routinely occurs at 0000 UTC and 1200 UTC.

16. ALTERNATE SOLUTIONS

n/a

17. REQUIRED CHANGE DATE 11 October 2019	18. RATIONALE FOR REQUIRED CHANGE DATE Submitter will begin transmitting products on 10/14/2019 Early implementation is authorized.	19. PRIORITY ☒ ROUTINE ☐ URGENT ☐ EMERGENCY

DRG/CCB/PMC/CMB DECISION

20. DECISION AUTHORITY AND IMPACT LEVEL	☐ PMC or NWS CMB DECISION REQUIRED	☒ CCB LEVEL ONLY	☐ FAST TRACK	☐ MAJOR CHANGE	☒ MINOR CHANGE

21. CCB LEVEL DECISION	☒ APPROVED ☐ DISAPPROVED ☐ RECOMMEND APPROVAL ☐ REFERRED TO OSIP	SIGNATURE /s/ Robert Gillespie DATE SIGNED October 9, 2019

FOR USE ONLY WHEN PMC or NWS CMB DECISION REQUIRED

22. PMC OR NWS CMB DECISION	☐ APPROVED ☐ DISAPPROVED	SIGNATURE/DATE

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PART A - DATA PRODUCTS SUPPLEMENT

This information is required for Data Products submissions.

3. INTERNAL NWS USE ONLY ☐ YES ☒ NO	4. PRODUCT SOURCE Cayman Islands	5. AWIPS DATA TYPE Observations

6A. NOTIFICATION	6B. CHANGE NOTICE NUMBER	6C. ISSUE DATE	6D. TEST DATE	6E. IMPLEMENT DATE

7. NODE ID	8. AWIPS ID NNNXXX	9. WMO HEADER	10. ADD REV DEL	11. SEAS Y/N	12. CHAR PER MSG	13. FREQUENCY	14. NWSTG DISTR
		ISIE01 MWCR	ADD	N		As Req'd	Line 042: NIDS GIFS Folder: RMTN/BUFR Line 83 (GNCA ISCS-BUFR)
		ISNE45 MWCR	ADD	N		As Req'd	Line 042: NIDS GIFS Folder: RMTN/BUFR Line 83 (GNCA ISCS-BUFR)
		ISUE01 MWCR	ADD	N		As Req'd	Line 042: NIDS GIFS Folder: RMTN/BUFR Line 83 (GNCA ISCS-BUFR)

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PART C - CHANGE AND IMPLEMENTATION ACTIVITIES

Submitters should propose implementation actions; WSH will assist with and supplement actions or required statements when necessary.

3. IMPLEMENTATION DOCUMENTS REQUIRED

☐ Engineering Modification Note ☐ Software Release Notes ☐ Other Document (Specify)_____

ADDITIONAL IMPLEMENTATION INSTRUCTIONS

4. IMPLEMENTATION ACTIVITY REQUIRED	5. RESPONSIBLE PERSON AND OFFICE	6. REQUIRED COMPLETION DATE	7. DOCUMENT OR ACTION REQUIRED TO VERIFY COMPLETION
1. Post this RC on the ISCS DRG web page.	G. Banks – DISS/DSB	10/10/19	Notify Don Fletcher, DISS/DSB, of completion.
2. Modify the GIFS / GNC-A product baselines per description in Part A – Data Products Supplement.	D. Fletcher – DISS/DSB	10/10/19	Notify Don Fletcher, DISS/DSB, of completion.
3. Modify the GNC-A switching directories per description in Part A – Data Products Supplement.	R. Robinson or W. Smith – NCEP/CO/PMB	10/10/19	Notify Don Fletcher, DISS/DSB, of completion.
4. Add the GIFS products to the NIDS switching directory per description in Part A – Data Products Supplement.	R. Robinson or W. Smith – NCEP/CO/PMB	10/10/19	Notify Don Fletcher, DISS/DSB, of completion.
5. Modify the GIFS Folder assignment per description in Part A – Data Products Supplement.	G. Banks – DISS/DSB	10/10/19	Notify Don Fletcher, DISS/DSB, of completion.
6. Verify the products have been modified in GNC-A/GIFS.	D. Fletcher – DISS/DSB	10/11/19	Notify Don Fletcher, DISS/DSB, of completion.
7. Verify the products have been modified in the GIFS Folders.	D. Fletcher – DISS/DSB	10/11/19	Notify Don Fletcher, DISS/DSB, of completion.
8. Notify end users and workstations vendors of product changes under the "Notifications" section on the ISCS Homepage.	G. Banks – DISS/DSB	10/11/19	Notify Don Fletcher, DISS/DSB, of completion.
9. Notify the ISCS Program Manager that the task is complete.	D. Fletcher – DISS/DSB	10/11/19	Email ISCS PM a notification of completion

APPENDIX A
Modify CATLST.txt/AWDS.tbl records

CATLST.txt		
Row Value	Action	Affected Products
List the NNN value, Priority (RtPri?), Action (ADD/DEL) as shown below in the first two columns. The third column should list all products in the EMWIN baseline that will be affected by the action performed.		
NNN,RtPri?	ADD/DEL	TTAAii-CCCC-NNNXXX TTAAii-CCCC-NNNXXX TTAAii-CCCC-NNNXXX . . . TTAAii-CCCC-NNNXXX

AWDS.tbl	
Row Value	Action
List the TTAAiiCCCC value, Priority (RtPri?), and the assigned filename for the product in the first column and the action (ADD/DEL) in the second column.	
TTAAiiCCCC,RtPri?\????????.TXT	ADD/DEL