**07-057 (April 4, 2007) Dissemination of Chart Correction NOTAMs to ARTCCs.**

ISSUE: During the discussion of issue 05-031 (P-NOTAMs to Correct US Government Charting Errors) at meeting 07-02, the subject of NOTAM dissemination to ARTCCs was raised. It was decided to close the original issue as all items were complete for NOTAM responsibility and open a new issue to address dissemination methodology.

STATUS 04-04-07: Jim Seabright asked whether the NFPO still faxed NOTAMs to the Service Area FPOs. Brad Rush responded no, they use the NOTAM Transmittal System (NTS) and he would provide NACO the training to ensure FPO receipt. Jim also inquired about ARTCCs. Brad replied that NFPO did still fax NOTAMs to the ARTCCs as there is no standardized electronic method capable of interfacing with all ARTCCs. Brad agreed he would provide Jim the fax numbers for the ARTCCs. Bill Hammett noted that it is important to ensure ARTCCs do not get left out of the loop because ARTCCs have the responsibility to ensure subordinate ATC facilities are forwarded all FDC NOTAMs under Order 7930.2. Gary Prock added that not all ARTCCs have the En Route Information Display System (ERIDS) and a fax may be the only method to assure information has been passed. Gary took an IOU to prepare a listing of ARTCCs and associated equipment available for NOTAM distribution. **OPEN.**

STATUS 07-11-07: Since the last meeting, several ARTCCs have contacted their servicing FPOs requesting NOTAMs no longer be faxed stating they have means of getting the NOTAMs electronically. Brad Rush briefed that AVN also would like to get out of the requirement and wanted to use the NOTAM Tracking System (NTS) for dissemination to Centers; however, it is not feasible at the present time. AVN has sent a memorandum to the En Route Service Unit asking for an AJE endorsement that AT will assure NOTAMs are transmitted to all Centers. Once received, this endorsement will be used to support a change to the 8260.19 deleting the requirement for NFPO notification. Gary Prock provided an update on the ERIDS. ERIDS receives a complete download of all NOTAMs and forces updates to Centers at 5-minute intervals. The missing piece is that there is no tracking system for Center acknowledgement of receipt. Gary also provided an update on installation. ERIDS is currently installed an operating in all but 6 ARTCCs. He briefed that Carlene Adams is the ERIDS project manager. Bill Hammett stated that it appears the current fax methodology is the only way to ensure that Centers receive the information. He requested Brad follow up their memo and Brad agreed to do so. In the interim, the NACO should also fax chart correction NOTAMs to Centers. Brad will provide Requirements and Technology Team a listing of Center FAX numbers. **OPEN.**

STATUS 10-03-07: Tom Schneider briefed that there has been a lot of email traffic on this issue of late. He emphasized that there is no “FAX” requirement in Order 8260.19; rather, the requirement is to “coordinate” NOTAMs. It is assumed that NFPO adopted the FAX methodology years ago to ensure ARTCC receipt. The question now is “If we stop the FAX process, how do we ensure ARTCC receipt?” Don Harmer briefed that many Centers and the En Route Service Unit have requested NOTAMs no longer be Faxed and a memorandum was sent to the NFPO from the applicable En Route Service Unit Manager (AJE-3) requesting to stop Faxes. Bill Hammett stated that much of the current confusion was caused by two agencies attempting to change policy and not including the organization responsible for the policy early in the discussions. Order 7210.3 requires ARTCCs to forward FDC NOTAMs to subordinates. Order 8260.19 requires the FDC NOTAM authors to coordinate NOTAMs with ARTCCs to ensure receipt. He further briefed that as soon as AFS‑400 receives a memo from the AJE-3 stating that Air Traffic has a system(s) and procedures in place that ensure ARTCCs receive FDC NOTAM information, the coordination requirement will be lifted via policy memorandum and included in the next change to 8260.19. Coordination is in progress to attain this goal. **OPEN**.

STATUS 01-09-08: There was no ATO En Route Service Unit representation at the meeting. Bill Hammett briefed that he had tried to coordinate a response via telcon, email, and physical visit to the representative to no avail. Bill took and IOU to draft a memo from AFS-400 to the Safety and Operations Support Office, AJE-3, requesting whether there is still a need to coordinate FDC NOTAMs through ATRCCs. Jim Spencer asked how military NOTAMs get to ATRCCs. Dave Bradshaw responded that he didn’t believe they were pushed to Centers. Dave took an IOU to research military NOTAM dissemination through FAA. **OPEN**.

STATUS 04-09-08: Paul Eure briefed that ATO-E fully supports the electronic transfer of aeronautical information. The En Route Information Display System (ERIDS), which will provide NOTAM information to Sector controllers, has been installed in all CONUS ARTCCs; however, it is not currently fully operational in all Centers. They are also working on an “acknowledge” feature between ERIDS and the USNOF to assure information has been passed. Therefore, the En Route Service Unit is not prepared at this time to stop the current FAX methodology. They hope to have national policy/procedures in place by the next meeting. Paul added that he did not believe that Anchorage Center as well as the San Juan and Honolulu CENRAPs are not programmed to receive ERIDs. Faxes will still be required for these facilities. **OPEN**.

STATUS 07-01-08: Paul Eure briefed that the En Route Service Unit is still working on an automatic acknowledgement feature for ERIDS, which is now operational in all CONUS ATRCCs. Good progress is being made; however, further work is necessary between the Command Center in Herndon and the Atlantic City Technical Center. The earliest that the auto acknowledgement feature is expected to be operational is January 2009; therefore, the current FAX policy should continue until further advised. Paul confirmed that Anchorage ATRCC and the Honolulu and San Juan CENRAPs are not programmed to receive ERIDS. He also recommended the .19 be changed to read “provide notification” vice “coordinate”. Tom Schneider agreed to consider this for Order 8260.19D, Change 2. **OPEN**.

Status 09-30-08: Paul Eure briefed that there has been no progress within the ATO to complete the automatic acknowledgement feature for ERIDs. The En Route Automation Modernization (ERAM) program is currently the number 1 priority for ATO-E. Until ERIDs is updated, the current practice (FAX) will continue. Tom Schneider briefed that the requested change to Order 8260.19 noted above has been included in Change 2 under paragraph 223c(1). In response to Jim Spencer’s question at meeting 08-01 regarding ARTCCs and DOD NOTAMs, Dave Bradshaw briefed that ARTCCs have to request military NOTAMs by location. All military NOTAMs are available to ARTCCs, but only those requested are received. Bill Hammett noted that non receipt of DOD procedural NOTAMs could be a safety factor when the ARTCC is providing approach control service. IOUs: Dave and Paul will jointly work the ARTCC - DoD NOTAM receipt issue. **OPEN**.

Status 01-06-09: Paul Eure briefed that there has been no progress since the last meeting in updating the ERIDs system to provide an acknowledgement feature. The primary focus of the En Route Service Unit is to complete the ERAM program; everything else is on the “back burner”. Regarding the DoD NOTAM issue, Paul stated he had contacted several ARTCCs and most believe they do not need a lot of DoD NOTAMs. They do receive military NAVAID outage and procedural NOTAMs. They do not care about the military equivalent of L NOTAMs. Dave Bradshaw has transferred to another agency and his replacement was not available for discussion. Bill Hammett again emphasized that if the ARTCC is providing approach control for a military location, then receipt of military Series “V” NOTAMs is a necessity to ensure both FAA controllers and the pilots they serve are aware of abnormal conditions. Tom Schneider asked if anyone knew the number of military locations affected. Wayne Fetty asked whether contingency operations are considered when facilities fail and approach control service reverts to an FAA facility (either TRACON or ARTCC). As noted at the last meeting, all military NOTAMs are available from the NOTAM system upon request. Brad Rush commented that the original issue related to ensuring ARTCCs received FDC procedural NOTAMs. IOU: Paul Eure will continue to track the ERIDS update process and further look into policy to ensure FAA facilities that are responsible for military approach control service (normal or contingency) receive applicable DoD NAVAID and procedural NOTAMs. **OPEN**

***Editor’s Note:*** *After the meeting, the following update was forwarded by TSgt Andrea Giordani as requested by Dave Bradshaw: “DoD Procedural NOTAMs ("V" Series), as well as other military NOTAMs, are accessible in the USNS database and are available to be extracted by ERIDs (or any system).  The system extracting the information just needs to be programmed to search for a desired location's ICAO identifier.*

Status 03-31-09: Paul Eure briefed there has been no progress on the ERIDS acknowledgement feature. He also determined that ERIDS is currently not able to display military Series W, V, M or L NOTAMs. The NOTAM office is sending all of these NOTAMs to ERIDS; however, ERIDS currently has no way to display them because of the way the software is configured. The En Route Service Unit is working on new requirements and the vendor is working on a quick fix for this. A meeting is scheduled at the Tech center next week to address ERIDS handling of military NOTAMs. There is FAA concern over the number of military NOTAMs and the fact that not all military agencies are inputting NOTAMs under the correct series; e.g., it was discovered there are many “M” series NOTAMs that should have been issued as “V” series. Paul emphasized that FAA facilities need “V” series NOTAMs, but are not interested in “M” series. Mike Foster stated that the military agencies must provide training to ensure NOTAMs are input under the correct series; the other services agreed. IOUs: Mike Foster (Army), Mark Bye (USAF), and Jim Spencer (Navy) agreed to have their respective service review guidelines and provide training where necessary. Paul Eure will continue to track FAA actions to resolve NOTAM receipt issues. **OPEN**.

Status 07-07-09: Regarding the DOD use of the correct NOTAM Series, Mike Foster briefed that the Army has been educating their facilities on correct use of “M” NOTAMs. Jim Spencer briefed that Naval facilities have been advised that all procedural NOTAMs will be series “V”. Wayne Fetty advised that he had no information on USAF training, but told the group that he will assure training is underway. The group consensus is that this portion of the issue may be closed. Paul Eure briefed that ERAM is still the number one priority for the En Route Service Unit and using most resources. Paul added that there is a team also actively working ERIDS issues. It is anticipated that all military “V” NOTAMs will be displayed in August. When the acknowledgement feature for ERIDS is complete, the issue will be resolved. IOU: Paul Eure will continue to track FAA actions to resolve NOTAM receipt issues and provide an update at the next meeting. **OPEN**.

Status 10-06-09: Paul Eure briefed that the ERIDS status is unchanged since the last meeting. It was thought that military V-series NOTAMs would be in the system by August; however, that was not accomplished. Military NOTAMs are currently available in ERAM upon request; however, when a request is made, the ARTCC receives **ALL** NOTAMs because there is no sort feature to provide selected NOTAMs. Development of a sort feature for military NOTAMs is the current highest priority ERAM engineering request. Tom Schneider stated that since ARTCCs must be notified of procedural NOTAMs, the current FAX methodology is the only way to document coordination. Wayne Fetty briefed that he assessed USAF training on military V-Series NOTAMs and also confirmed that NGA will not change procedure charts based on NOTAMs. Brad Rush added that the NFPO does not publish P-NOTAMs on military procedures. IOU: Paul Eure will continue to track FAA actions to resolve NOTAM receipt issues and provide an update at the next meeting. **OPEN**.

Status 01-05-10: Paul Eure briefed that although the requests have been made, there has been no progress in updating the ERIDS to resolve this issue. Bill Hammett recommended that since System Operations, Aeronautical Information Management, AJR-32 is developing a new NOTAM sort tool and the current US NOTAM System is being converted to a Federated NOTAM System, perhaps we should close the issue. The original issue was to address dissemination of chart correction NOTAMs to ARTCCs; however, the issue has taken on a life of its own. We have all agreed that AeroNav Services will continue to fax procedural and chart correction FDC NOTAMs to ARTCCs until a new system with an auto acknowledgement feature is developed. Bill stated that since work is in progress that will go on until at least 2011, it makes no sense to continue to track the issue through the AISWG until all work is complete. Periodic briefings can be provided as deemed necessary and the issue re-opened if required. While most participants agreed, Brad Rush recommended that the issue remain open for one more AISWG meeting at which time a briefing from AJR-32 should be presented to provide a complete update on the proposals for the new NOTAM system. The Chair agreed and asked Greg Pray to contact Barry Davis, Manager, AJR-32, and request the briefing; Greg agreed. IOU: Greg Pray to request AJR-32 provide a briefing on the new NOTAM system at the next meeting. **OPEN**.

Status 03-30-10: As requested at the last meeting, Brett Brunk, AJR-32, provided an in-depth briefing on ATO efforts to update an modernize the entry, processing, and dissemination of NOTAMs. A Federal NOTAM System (FNS) that will combine the FAA and DOD systems into a single ICAO compliant system is under development. FAA Order JO 7930.2 is being revised under the lead of Donna McCord to establish "one-stop shopping" policy for supervisory authority and formatting rules for all organizations that originate NOTAMs. Key stakeholders (Flight Standards, Airports, DOD, and ATO) are all involved in this effort. Brett briefed that a new NOTAM management system is also under development. This system will allow originators to directly input NOTAMs to the system with a computer based validation. NOTAMs will be fully digitized for automated transfer. A test of the system will take place in Atlantic City on April 18 to be followed by a NOTAM distribution test at 3 TRACONs later in the year. Bill Hammett noted that the distribution system must include ARTCCs, since under current ATO policy, they are responsible for ensuring NOTAMs are forwarded to subordinate terminal facilities. Lastly, Brett briefed that efforts to update ERIDS are progressing. Key features recommended by the AISWG are being developed to include: computer-to-computer assured delivery, an alert & read feature, and an acknowledgement feature for the originator. These features are planned for the Summer of 2010 with testing complete in the Fall. Wayne Fetty asked whether the DOD dissemination issues first mentioned at the January 2008 meeting had ever been resolved. After a short discussion, Bill recommended that a new issue be opened to address DOD NOTAM dissemination issues as it does not directly relate to the issue at hand. The Chair agreed and a new issue 10-080 is opened under new business. Brad Rush questioned whether ARTCCs have an email address that could be used in lieu of faxing NOTAMs. Brett agreed to provide Brad an Enroute Service Unit POC to determine this. IOUs: Brett Brunk to keep the group apprised of the status of ERIDS updates and provide Brad Rush an En Route Service Unit POC. **OPEN**.

**Status 06-28-10:** Brett Brunk recommended Keith Dutch as a point of contact for Brad Rush to use on matters relating to ARTCC NOTAM distribution. This was accomplished after the last meeting via email on April 2, 2010 (see below). Paul Eure briefed that the AIM Group (AJR-32) has re-newed its efforts to develop the "assured delivery" feature for ERIDS. A stated goal is that the system must meet AeroNav Services and AFSS objectives. Bill Hammett again recommended the issue be closed from the AISWG. With the development of the new Federal NOTAM System and the new ATC NOTAM sort tool, plus the increased priority on ERIDS enhancements, all that can be done is being done. It is agreed that AeroNav Services will continue to FAX NOTAMs to ARTCCs pending an automated "assured delivery and acknowledgement" feature is in place. The group agreed the issue could be closed. **CLOSED**.

***Editor's Note:*** *After the meeting, Brad Rush received the following email from Jim Diehl of AJR-32:*

*Brad,*

*Paul Eure and Keith Dutch of AJE-36 suggested that I contact you.  
  
To confirm my telephone call to you, we requested an estimate of the number of FDC NOTAMs that you are faxing to the ARTCCs. In our call, you estimated this number, preliminarily, to be 30,000 to 35,000 per year.*

*We are presently working with En Route to implement the ERIDS-NRS system to system interface with acknowledgment concept. Successful implementation should provide the necessary level of trust that FDC NOTAM delivery can be assured without the need for the fax. That is our goal. We do not have a firm schedule yet as we are still in requirements analysis and preliminary development, but we are moving forward.*

*Thanks for your assistance.*

*Jim Diehl*

*System Engineer*

*CNA/AJR-32*

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