

AERONAUTICAL CHARTING MEETING
Charting Group
Meeting 23-02 – October 24-26, 2023

RECOMMENDATION DOCUMENT

FAA Control #23-02-384

Subject: Improvements to NASR CSVs

Background/Discussion: AIS releases NASR subscriber file data in the legacy flat text format as well as the newer CSV format. The CSVs have already proven useful, however, we would like to see more data added to them.

These requests have all been run through AIS individually and referred back to the ACM for forum discussion and consensus. In order of precedence, the following new data is requested:

- FIX USE data (present on 8260-2 forms and likely in AIS AIRNAV database, but absent from all other public databases)
- Fix-level ESV data (again, present on 8260-2 forms and likely in AIRNAV, but nowhere else)
- ASR/PAR data on a per-airport basis

Recommendations:

Garmin recommends improvements to NASR to support databasing of these new data fields and, ultimately, dissemination of the data in the NASR CSV files.

Benefits:

- 1) Would adoption of the recommendation prevent or reduce the likelihood of occurrence of accidents or incidents?

No

- 2) Would adoption of the recommendation mitigate a known or potential safety hazard?

No

- 3) Would adoption of the recommendation resolve a known or potential issue creating operator or Air Traffic Control system errors?

Yes

- 4) Would the recommendation satisfy a requirement to comply with an Agency strategic or business plan?

Unsure

- 5) Would adoption of the recommendation increase operational or system efficiencies?

Yes

- 6) Would any additional benefits be recognized by adoption of the recommendation?

Yes

Comments:

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Date: 9/27/2023

Please send completed form and any attachments to:

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MEETING 23-02

Steven Madigan, Garmin, presented a recommendation to request new data elements in the National Airspace System Resource (NASR) CSV files. He said the CSV files have been incredibly helpful to Garmin and they would like to have additional data added. In order of precedence, Garmin is requesting the following new data:

- FIX USE data
- Fix-level ESV data
- ASR/PAR data on a per-airport basis

Colleen Kubont, FAA/AJV-A350, reported there are three files that include FIX USE data. The information is not available on a public database, but internally the data team can export this data. They first need to obtain approval to share the data with the public. The Fix-level ESV data file exists now internally, but again, the data team needs to obtain approval to distribute the data to the public. Colleen asked for clarification on what Garmin is requesting regarding ASR/PAR data. She said there is a radar file that is currently available to the public.

Steven said the current radar CSV file is not a 1:1 match between an airport that has ASR/PAR service on the charts and a facility or airport listed in the CSV. It seems to match to the facility that provides the ASR/PAR service but does not match to those facilities that are served by it.

Colleen said she will need to investigate that issue further. She said the data they are requesting comes from a non-public database where AIRNAV is housed. As with the above requests, the data team will need to obtain approval before this data can be shared.

Thomas Carrigan, FAA/AJV-A311, emphasized that AIRNAV does not contain all the data that was requested. The quick fix that Colleen can provide will not contain all the data. NASR is the ultimate data source and there is an open issue to add this information to NASR.

Colleen said the Aeronautical Data Team will investigate this issue and will report back at the next ACM.

STATUS: OPEN

ACTION: Colleen Kubont, FAA/AJV-A350, will report back on the Aeronautical Data Team's investigation into adding the additional data elements to the NASR CSV files.

MEETING 24-01

Brian Murphy, FAA/AJV-A350, briefed that the team is continuing to investigate adding the additional data elements to the National Airspace System Resource (NASR) CSV files. He said that the FAA does not have this data currently in the database so this addition will require a NASR update. The Aeronautical Data Team is researching other ways to provide the data. Brian said he cannot provide a timeline now; however, he hopes to have a better update at the fall ACM.

STATUS: OPEN

ACTION: Brian Murphy, FAA/AJV-A350, will report back on the Aeronautical Data Team's investigation into adding the additional data elements to the NASR CSV files.

MEETING 24-02

Brian Murphy, FAA/AJV-A350, briefed that the Aeronautical Data Team is continuing to investigate adding the additional data elements to the National Airspace System Resource (NASR) CSV files. He said that the FAA does not have this data currently in the database so this addition will require a NASR update. The Aeronautical Data Team is also researching other ways to provide the requested data. Tom Carrigan, FAA/AJV-A311, added that this item is being tracked for a NASR change, but there is not yet a timeline for completion. Brian will report back at the next ACM.

STATUS: OPEN

ACTION: Brian Murphy, FAA/AJV-A350, will report back on the Aeronautical Data Team's investigation into adding the additional data elements to the NASR CSV files.