

MESSAGE ASSOCIATION TABLE (MAT) REPLACE WARNINGS

The **Message Type Association** window accessible from the **Messages** menu allows users to access the MAT to replace one or more Message Types with other Message Types as long as the listening area codes of both the replacement and replaced messages are identical.

Problem #1

Recently we became aware that several sites had included the replacement Message Type in the replaced Message Type list. For example, Message Type CCCADRXXX replaces a list of Message Types including CCCADRXXX.

Sites should not use the MAT Replace function to replace a Message Type with the same Message Type. The Identical Message Replacement function will automatically cause a replacement to occur if two messages have identical Message Types, listening area codes, and no Message Reference Descriptors. So replacing a Message Type with itself in the MAT accomplishes no additional function. **More importantly, if the Message Type is a watch or a warning, Weather Messages with that Message Type will not be properly processed and stored in the database.** The watch/warning will not be schedule and broadcast and will remain “stuck” in the database preventing new Weather Messages of that Message Type from being properly processed until it has been manually made inactive and removed from the database.

Sites should follow Section 3.6.2.3.4 of the CRS Site Operator’s Manual to check their MAT and remove Message Types that are replaced by themselves from the replaced Message Type list.

Problem #2

In the past, sites have used the MAT Replace function to have certain types of warnings be replaced with summary messages or updates. For example a SVS may replace an SVR and a TOR. With the implementation of NWRWAVES, it is now possible to accomplish the same replacement functionality using the MRD Replace capability. Users should avoid using the MAT capability for Message Types that are now using the MRD Replace functionality. Otherwise, there could be some CRS performance problems as a result of both the MAT and MRD Replace functionalities trying to delete the same record. **Sites that are using the MRD Replace capability should check their MAT Replace lists to see if Message Types now being replaced using MRD Replace can be removed from the MAT.**