ADASTRIP RELEASE NOTES

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Version 522a – released 9th November 2021

- This version of Adastrip enables zIIP execution when using STDUMP1-9. This can result in a considerable reduction in "wall clock" time when using zIIP, if multiple zIIP processors are online. Of course, as always, datasets may be concatenated on STDUMP1 rather than using STDUMP1-9, if desired, however this will not result in a reduction of "wall clock" time when using zIIP, as all processing is handled by a single SRB.

- Displays have been added to show actual time spent using zIIP (ENCLAVE Z-IIP TIME), time spent on a normal processor that could have been run on a zIIP engine(ENCLAVE Z-ICP TIME), and time spent on the normal processor that **had** to run on a normal processor (TCB CPU TIME). A calculation of CPU time spent running on zIIP engine(s), as a percentage of total CPU time, is also provided.

- Support for logically deleted fields has been added to STRI8UXF. These fields are not counted. If counting these is desired, then the pseudo field $$ may be added to the extract along with **. This will then display, in the field listing, which fields were logically deleted, and the counts will also be provided. The effect of $$ is to "logically restore" the logically deleted fields. Therefore this may also be used in a normal Adastrip run, even when not using STRI8UXF.

- Note that STDUMP1-9 may not be used when running STRI8UXF. In this case, datasets must be concetenated on STDUMP1.

Version 522 – released 8th September 2021

- An error in the header of segmented output records, that prevented them from being compressed by ADACMP, has been corrected.

- Log messages output when a volume change occurs have now been made dependent upon the value of the MODE parameter. When this is set to DUMP or CRASH, the volume change messages will be printed in the log, otherwise they will be suppressed. Previously they were always printed in the log.

- Adastrip will now honor DSNTYPE=LARGE (large format) output datasets, when specified in the JCL. This permits creation of output datasets exceeding 4369 cylinders on each volume. Note

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PH: +61-3 9894 0055
Fax: +61-3 9894 0035
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that any program reading such a dataset must be able to process large format datasets. If DSNTYPE=LARGE is **not** specified, then a normal basic format dataset is created, limited to 4369 cylinders on each volume, as usual.

- There is an intermittent problem when using STDUMP1-9 in zIIP mode. This can be worked around by concatenating the individual ADASAVs on STDUMP1.

Version 521a – released 30th August 2021

- Log messages output when a volume change occurrs have now been made dependent upon the value of the MODE parameter. When this is set to DUMP or CRASH, the volume change messages will be printed in the log, otherwise they will be supressed.
- An error in the header of segmented records that prevented them from being compressed by ADACMP has been corrected.

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Version 521 – released 9th February 2021

The meaning of the field IN-RABNS in the log output has changed slightly. Where previously it was the count of all RABNs processed for a given extract, it now contains the count of non-empty RABNs for each extract.
Indirectly this provides a means of determining the number of empty RABNs in an input file, by subtracting this number from the number of used RABNs for the file. Note that this method of determining the number of empty RABNs cannot be used if the LIMIT or LIMITI parameters are used. This change has also made ADASTRIP slightly more efficient.

Version 520k – released 8th December 2020

The error message stating that a container may be missing is now only issued when appropriate.

Version 520j – released 6th November 2020

- Support for modified PLOGs in ADABAS 8.5.x
- Fixed display of RABN number in RABN range
- Improved processing of empty RABNs.

Version 520i – released 18th August 2020

The ability to assign specific LPAR's and have more CPUID's to the license key to cater for larger organisations and add flexibility.

Version 520g – released 15th May 2020

This release of ADASTRIP contains exits that are adapted to run under zIIP.

Version 520f – released 12th May 2020

Adapt exits to run under zIIP

Summary of ADASTRIP User Exit changed for zIIP 520F

Exit	Purpose	Supported under zIIP	Tested
STRI8UX1	Exit Template / Sample	Yes	✔
STRI8UX2	Used to extract Natural Program Code	Yes	✔
STRI8UX3	Should convert record to ASCII	-	✗
STRI8UX4	Perform S1 Direct calls to ADABAS	-	✗
STRI8UX5	Convert Natural data fields to chosen output type	Not Done	✗
STRI8UX6	Convert ADASTRIP output to a display format	Yes	✔
STRI8UX7	Convert ISN to a packed field	Yes	✔
STRI8UXF	Provide MU and PE occurrences counts in this release	Yes	✔

Version 520e – released 30th April 2020

Codeword Processing Has Been Improved.

Version 520d – released 4th July 2019

Improved Missing Container Reporting.

Version 520c – released 30ᵗʰ April 2019

NOLENCHK – warning message now written to both STPRINT and JOBLOG.

Version 520b – released 24ᵗʰ July 2018

Fix LENGTH card processing in LA fields.

Version 520a – released 5ᵗʰ July 2018

- Support for TZ fields
- Terminates with RC=12 when a data container is missing, i.s.o abending.

Version 520 – released 25ᵗʰ May 2018

- zIIP performance improvements.
- Ensures ADASTRIP terminates immediately when LIMIT/I is reached when running in zIIP mode.