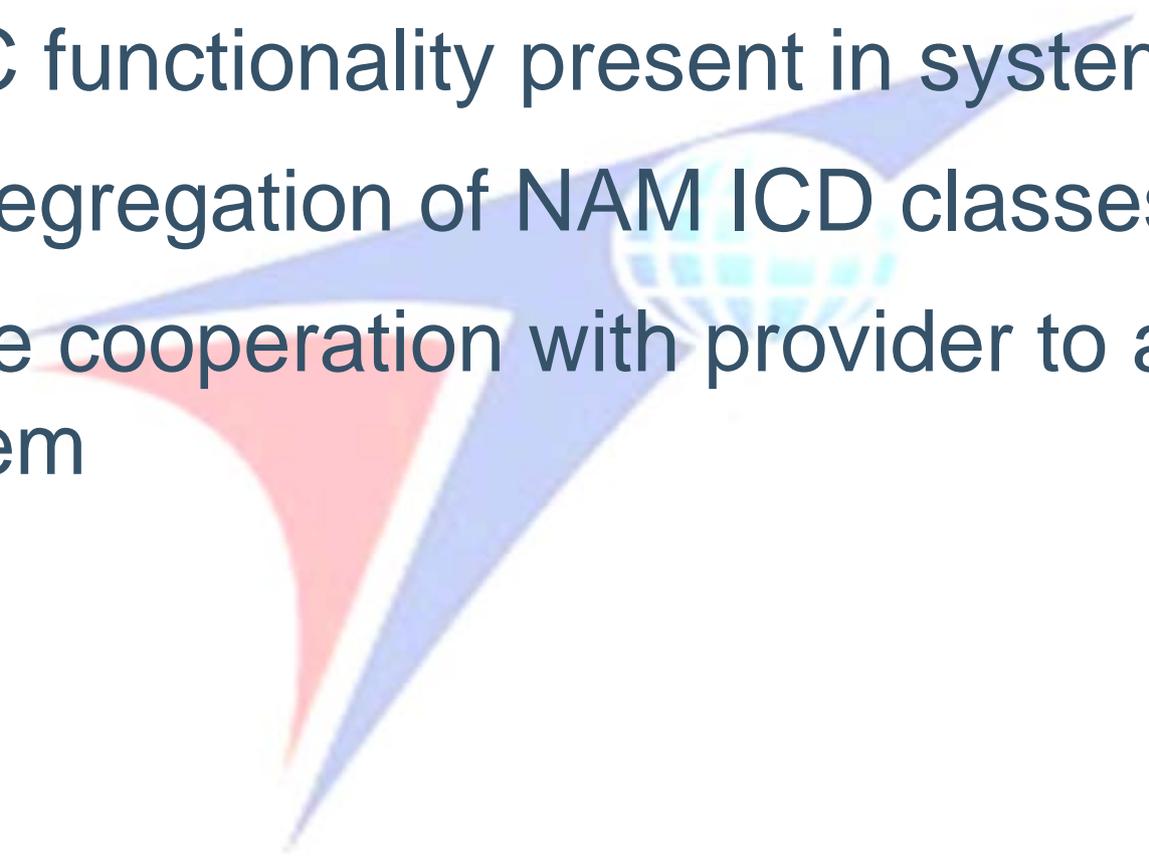


Dominican Republic AIDC Implementation Status

Overview

- AIDC functionality present in system since 2014
 - No segregation of NAM ICD classes
 - Close cooperation with provider to adjust system
- 
- A decorative graphic in the background features a stylized globe with a grid pattern, surrounded by abstract, overlapping shapes in shades of blue, red, and white. The globe is positioned behind the text of the list items.

Progress in 2019

- NAM ICD Class I operational
 - Testing with Miami continued from 2018, despite US Government partial shutdown
 - Participation of system provider in teleconferences
 - 90% success rate
- Preliminary Class II testing

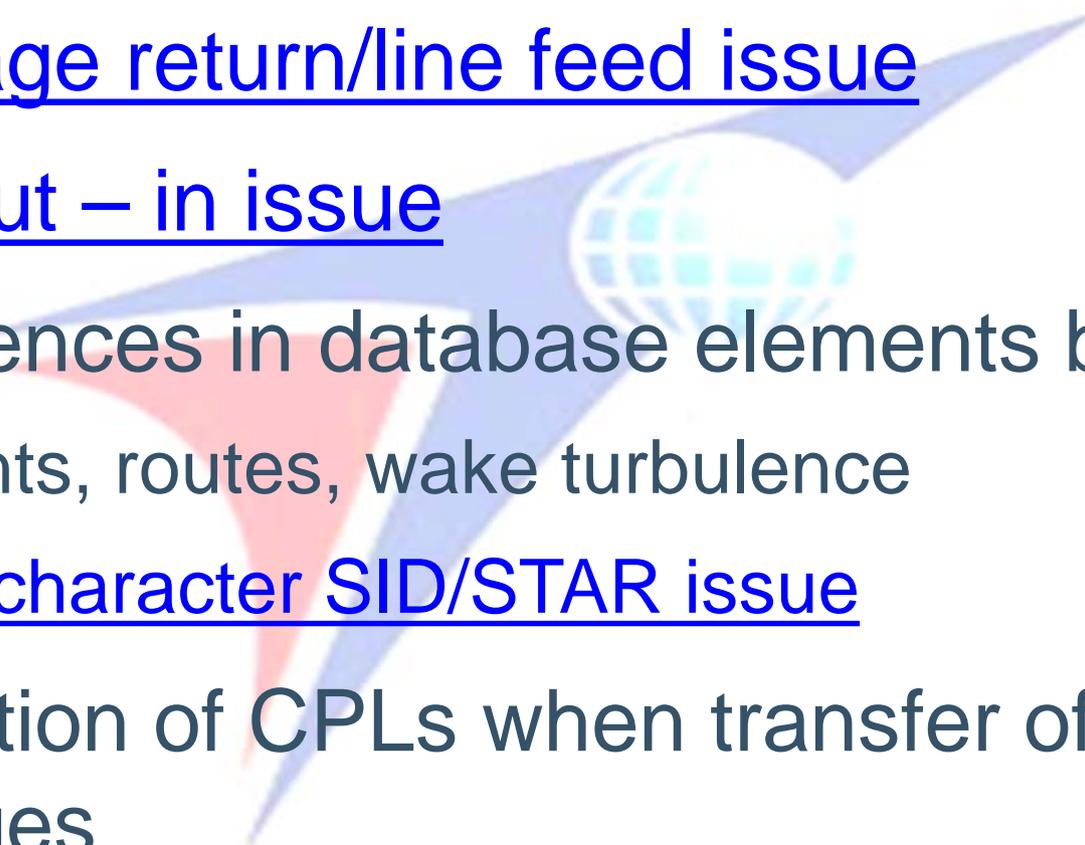


Perceived Benefits

- Reduced workload for planning controller
- Less probability of human error due to a practically silent environment in ATC control center
- Impact extends to Punta Cana TMA



Issues Encountered

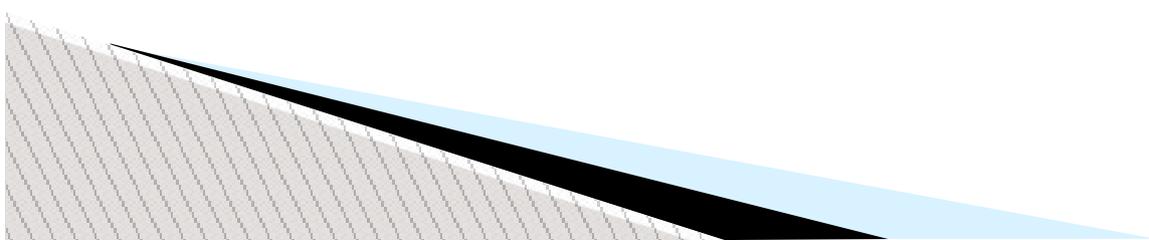
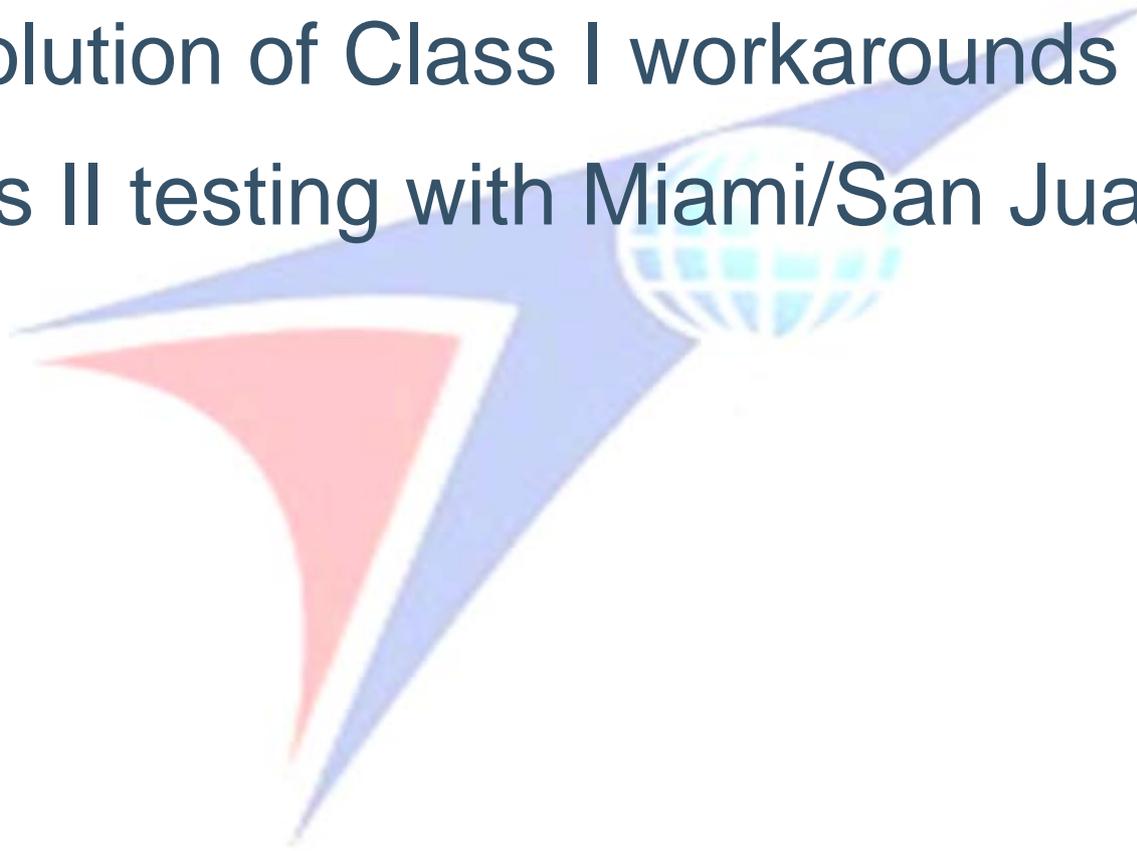
- Carriage return/line feed issue
 - In – out – in issue
 - Differences in database elements between FIRs
 - Points, routes, wake turbulence
 - 6/7 character SID/STAR issue
 - Rejection of CPLs when transfer of control point changes
- 

Lessons Learned

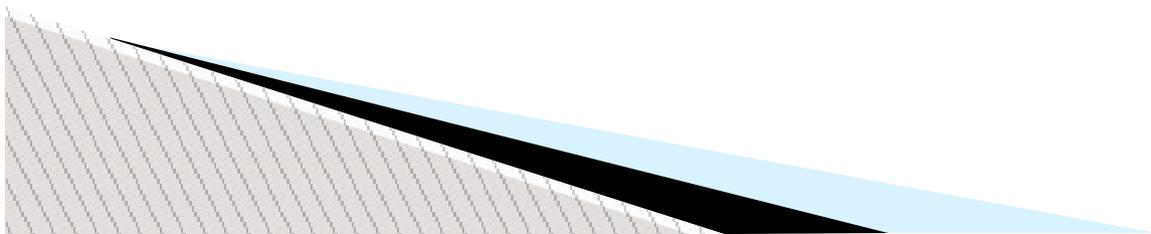
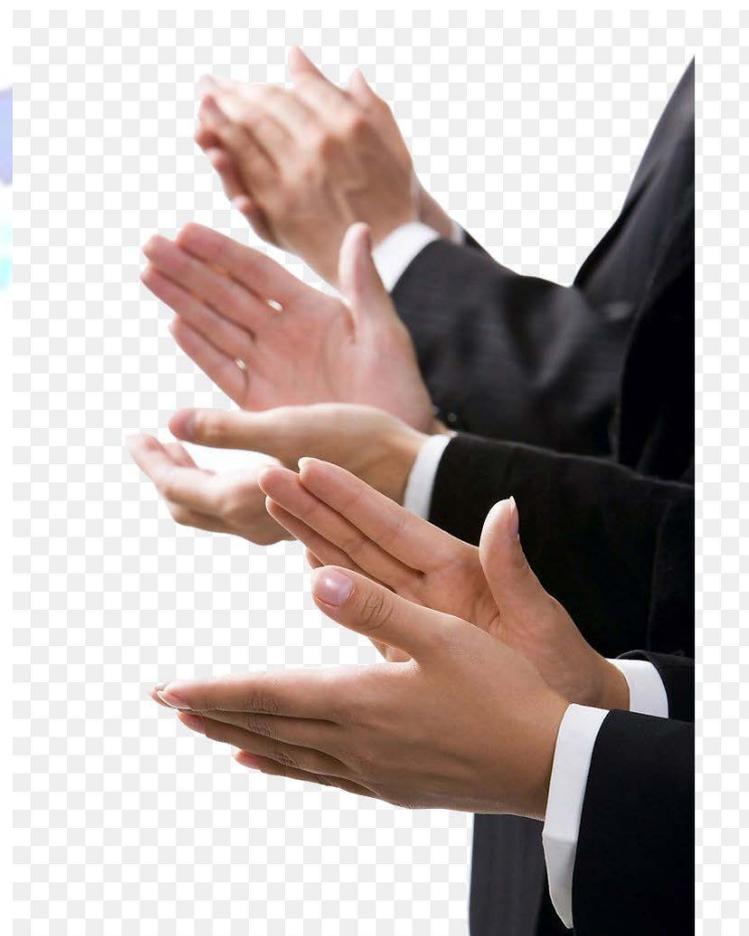
- FPL correctness fundamental for success
- Provider must be in the loop
- Technical personnel must have adequate training
- Assign a team dedicated to this implementation
- Configuration management and control fundamental
 - Fallback procedures

Next Steps

- Resolution of Class I workarounds
- Class II testing with Miami/San Juan

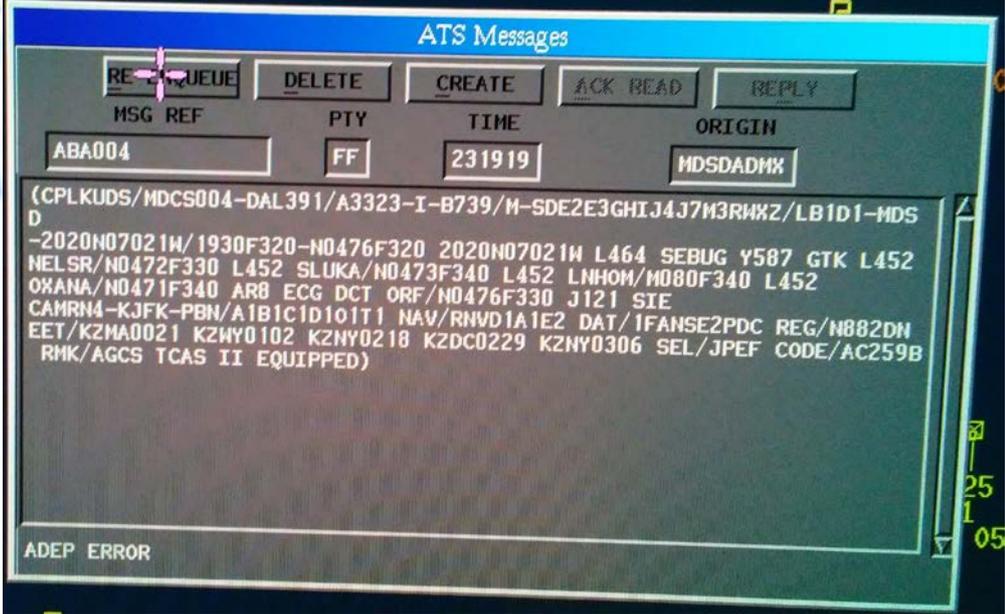


Thank you!



Carriage Return/Line Feed Issue

(CPL-UAL621/A5120-IS
-A320/M-S/C
-KBOS-HFD/1341A220A200A
-N0420A220 V3 AGL V445
-KLGA
-0)



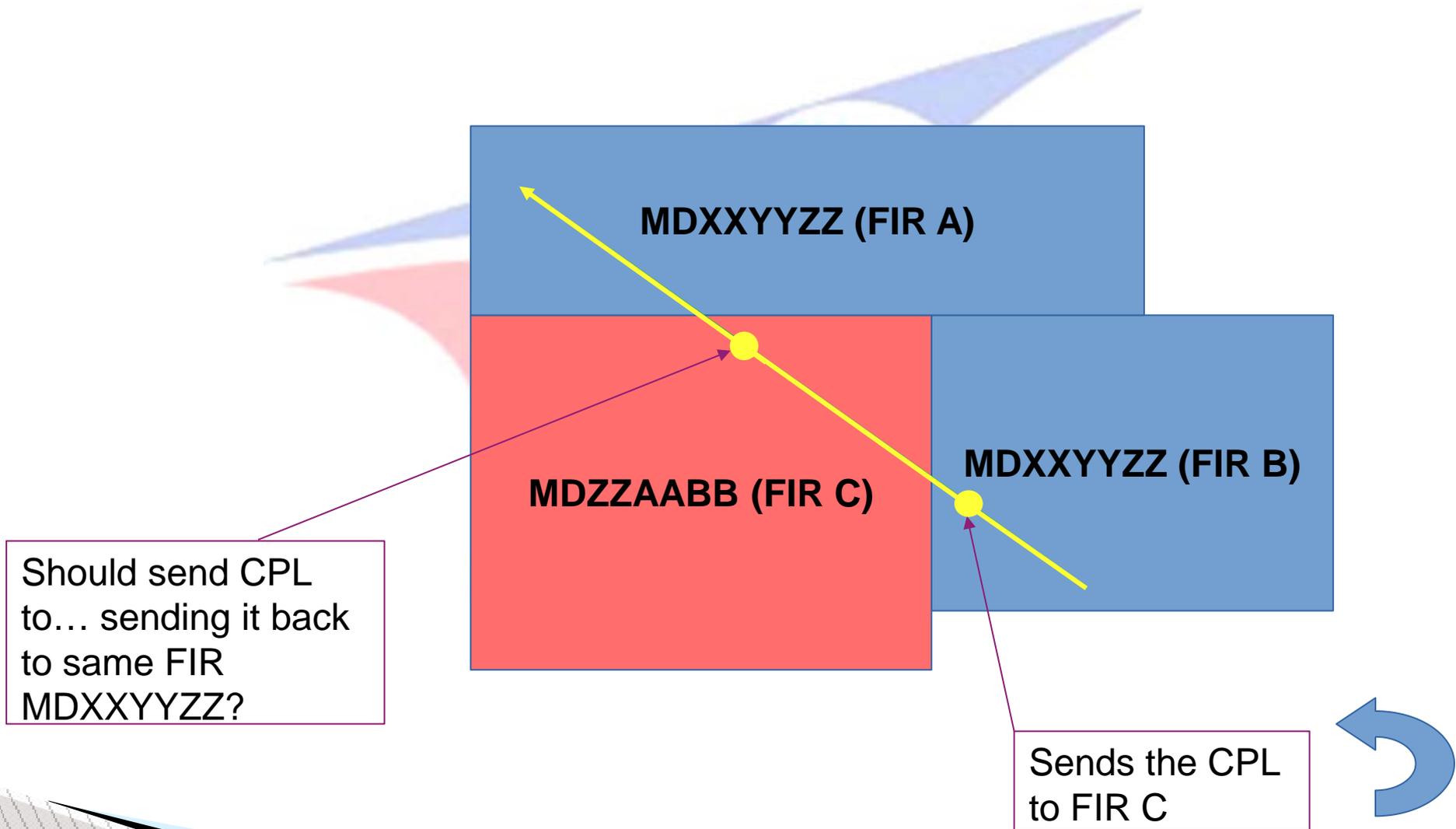
The screenshot shows a terminal window titled "ATS Messages". At the top, there are buttons for "RE-QUEUE", "DELETE", "CREATE", "ACK READ", and "REPLY". Below these are fields for "MSG REF" (ABA004), "PTY" (FF), "TIME" (231919), and "ORIGIN" (MDSADMX). The main message content is as follows:

```
(CPLKUDS/MDCS004-DAL391/A3323-I-B739/M-SDE2E3GHIJ4J7M3RWXZ/LB1D1-MDS
D
-2020N07021W/1930F320-N0476F320 2020N07021W L464 SEBUG Y587 GTK L452
NELSR/N0472F330 L452 SLUKA/N0473F340 L452 LNHOM/M080F340 L452
OXANA/N0471F340 AR8 ECG DCT ORF/N0476F330 J121 SIE
CAMRN4-KJFK-PBN/A1B1C1D1O1T1 NAV/RNVD1A1E2 DAT/IFANSE2PDC REG/M882DN
EET/KZMA0021 KZHY0102 KZNY0218 KZDC0229 KZNY0306 SEL/JPEF CODE/AC259B
RMK/AGCS TCAS II EQUIPPED)
```

At the bottom left of the terminal window, the text "ADEP ERROR" is visible. On the right side, there are some green numbers: "25", "1", and "05".



In-out-in Issue



6/7 Character SID/STAR Issue

```
BERO2J:MDS?:?:17:CD  
BERO2L:MDS?:?:35:CD  
BEROX2J:MDS?:?:17:CD  
BEROX2L:MDS?:?:35:CD  
BETI1K:MDLR?:?:11:BE  
BETI1M:MDLR?:?:29:LR4  
BETI2J:MDS?:?:17:CD  
BETI2L:MDS?:?:35:CD  
BETIR1K:MDLR?:?:11:BE  
BETIR1M:MDLR?:?:29:LR  
BETIR2J:MDS?:?:17:CD  
BETIR2L:MDS?:?:35:CD
```

Item	Original Capacity	Increased Capacity
SID	100	300
STAR	100	300

