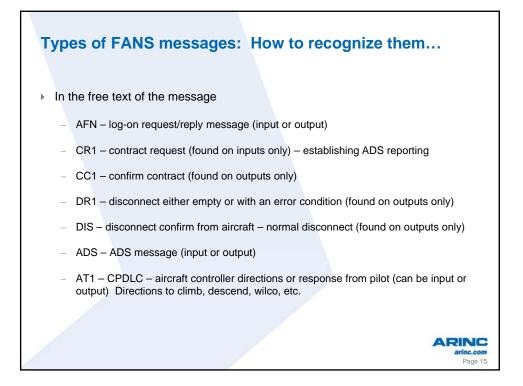
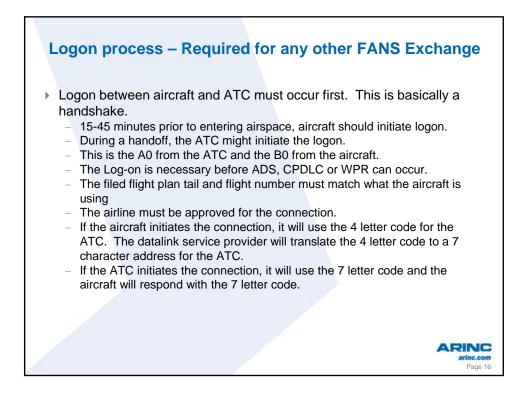
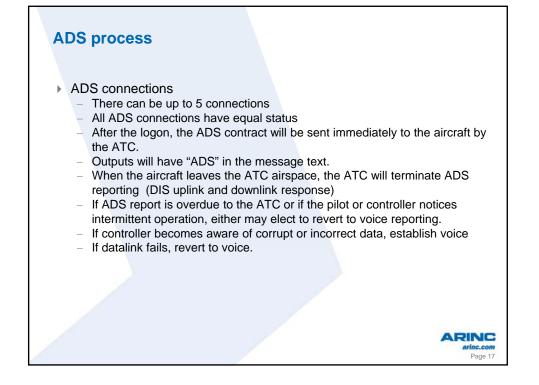
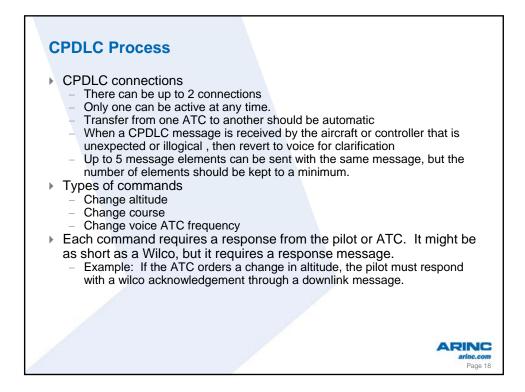


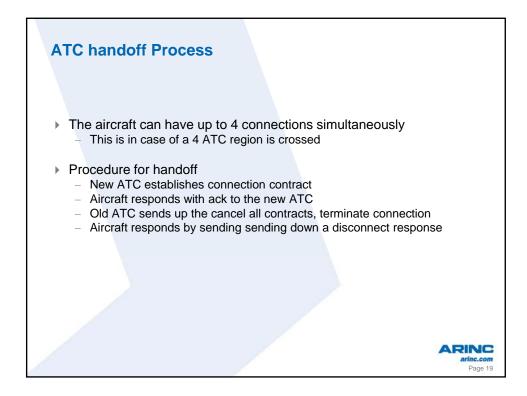
| ACARS MU/CMUs Supporting the FANS Applications |
|---|
| Message Path |
| Antenna (HF, VHF, SATCOM, Iridium, VDL2) to MU |
| MU does the block layer CRC (error) check is done to confirm each uplink block is correct |
| MU assembles the message and does the application layer CRC before |
| displaying the message. If the FANS message information is to be entered in the FMC – it must be done |
| manually |
| Lobal/SML these are directed to the MLL |
| Label/SMI - these are directed to the MU The MU uses the labels that are the A# on uplinks, B# on downlinks |
| Label - SMI - purpose |
| A0 – AFU – Initial contact (Uplink) from ATC B0 – AFD – Initial contact (Downlink) from aircraft |
| A6 - RAR – Uplink Request ADS (position) |
| B6 – PAR – Downlink ADS (position) Report AA – ATC – message from ATC |
| BA – ATC – message to ATC |
| There are additional "A" series uplinks and "B" series downlinks, but not currently in use. Some such as P5. DOS, are used by the sirling. |
| currently in use. Some, such as B5 – POS, are used by the airline operations, so check the receiving address. |
| |
| ARINC |
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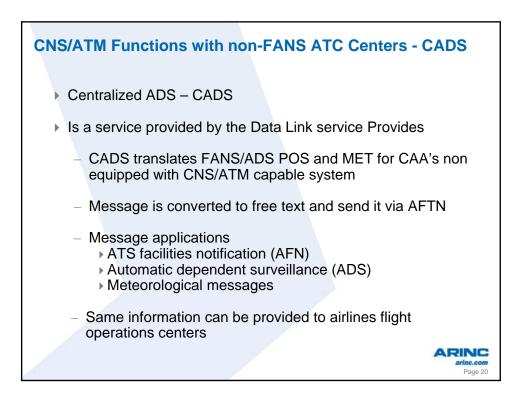


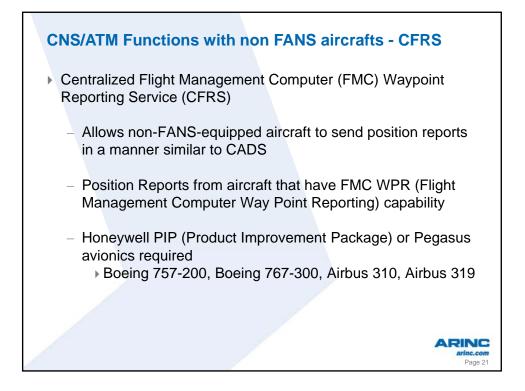


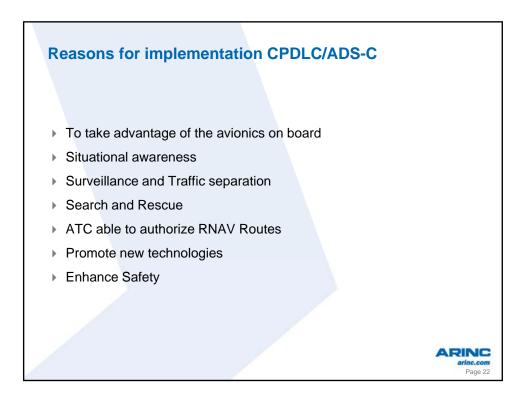


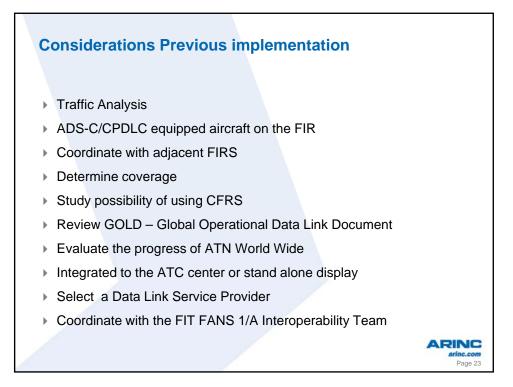


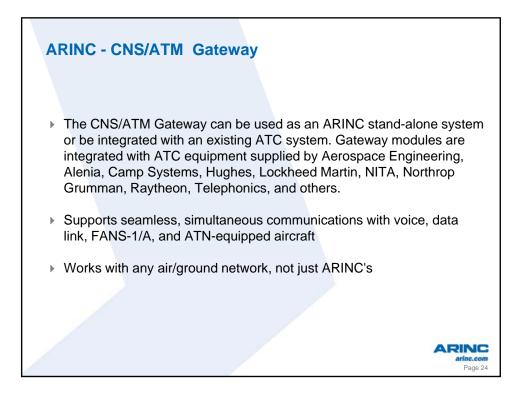


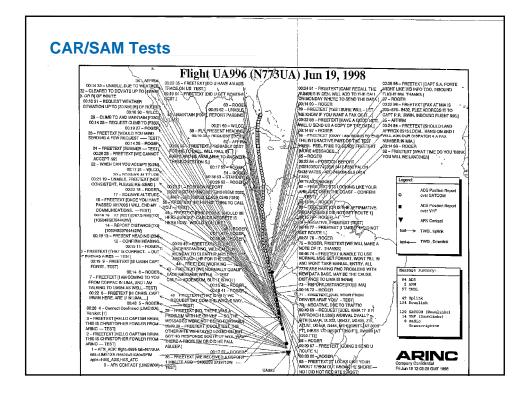


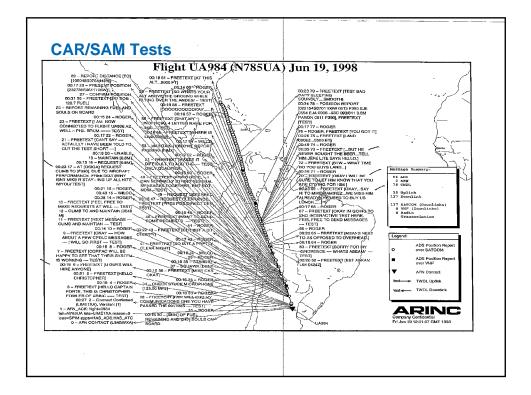


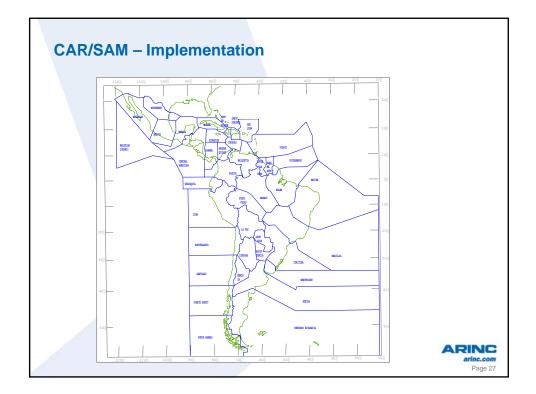


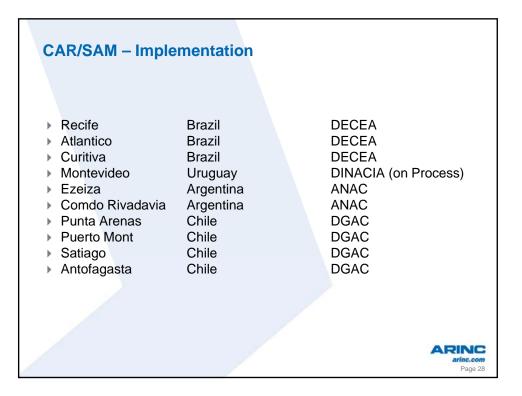


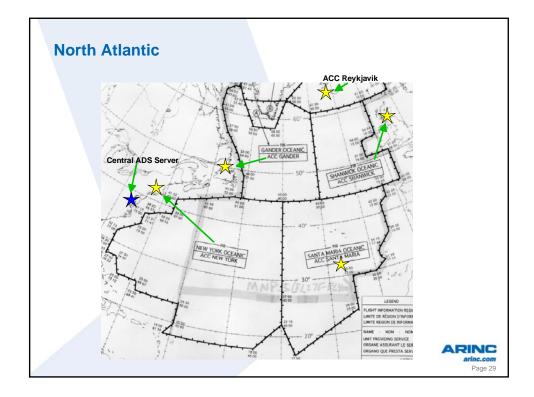


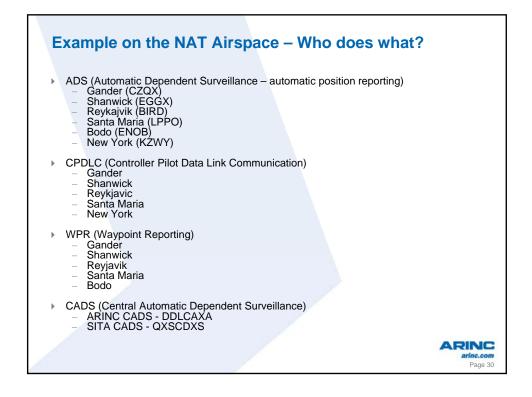












| VV | orld Implement Anchorage | USA | FAA |
|----|-----------------------------|--------------|-----------------------|
| • | Auckland | New Zealand | ACNZ |
| | Bangkok | Thailand | AEROTHAI |
| • | Beijing | China | CAAC |
| ► | Bodo | Norway | Avinor |
| ► | Brisbane (Northern) | Australia | Airservices Australia |
| ► | Cairo | Egypt | EHAC |
| ► | Calcutta | India | AAI |
| ► | Canarias | Spain | AENA |
| ► | Chengdu | China | CAAC |
| ► | Christchurch | New Zealand | ACNZ |
| ► | Colombo | Sri Lanka | AASL |
| ► | Edmonton | Canada | NAV Canada |
| ► | Gander | Canada | NAV Canada |
| ► | Guangzhou | China | CAAC |
| ► | Harbin | China | CAAC |
| ► | Ho Chi Mihn | Vietnam | VATM |
| ► | Hong Kong | China | CADHK |
| ► | Jakarta | Indonesia | AP II |
| ► | Johannesburg | South Africa | ATNS |
| ► | Kunming | China | CAAC |
| • | Lanzhou | China | CAAC |
| | | | ARINC |
| | | | Page 31 |

| Lhasa | China | CAAC |
|-------------------|-------------|-----------------------|
| Maastricht | Eurocontrol | Eurocontrol |
| Madras | India | AAI |
| Magadan | Russia | Russia FAA |
| Manila | Philippines | ATO |
| Mauritius | Mauritius | DCAM |
| Melbourne (South) | Australia | Airservices Australia |
| ▶ Nadi | Fiji | Airports Fiji Limited |
| New York | USA | FAA |
| Oakland | USA | FAA |
| Papeete | Tahiti | STNA |
| Reykjavik | Iceland | ICAA |
| Santa Maria | Portugal | NAV Portugal |
| Seoul | Korea | KAA |
| Shanghai | China | CAAC |
| Shanwick | UK | UKNATS |
| Singapore | Singapore | CAAS |
| Tashkent | Uzbekistan | CAA Uzbekistan |
| Teheran | Iran | CAO – IR |
| Tokyo | Japan | JCAB |
| Ulan Bataar | Mongolia | DCA |

