ATIS

Data Link provides ATIS (Automatic Terminal Information Service) information stored in DLCS (Data Link Center Sortation equipment) to the aircraft by the Request/Reply (R/R) communications method.

ATIS information ・・・・・・・・・ The information provided for aircraft around the aerodrome which includes essential information, such as type of approach, the runway in use, the operational condition of the aerodrome and weather information, etc.

To obtain ATIS information, a pilot inputs the airport identification code into an on-board device (such as ACARS) and the reply from the ground is output from the printer on board. This enables the pilot to obtain information while in flight and at the major domestic airports through VHF. Also, information can be obtained from abroad through satellites. Therefore, it enables accurate and efficient operation to acquire the information. And this will contribute to the safety of aircraft operation. Use of data link information provision enables a pilot to obtain accurate and efficient information, thereby contributing to safe flight operations.

ATIS Information

- Type of approach
- Runway(s) in use
- Runway surface conditions and braking action
- Information from the control facility with specific significance concerning ATC
- Other essential operational information
- Weather information

*it is usually semi-automatically broadcasting the voice which is generated from the digital data above.

```
          ACARS MSG
XXX123  /09 RJTT/RJFF JAXXXX 01:02:55
          FROM TYODLYA 090102
----------------------------------------
          OPERATION MSG

ATIS RJTT G
  MO100
   (APCH) ILS Z RWY34L
  LDG RWY 34L
  DEP RWY 34R
  DEP FREQ 126.0
  M
  090010OZ 02011KT 1OKM SCT025SC BKN030SC
   10/04 Q1015/A2998=
  Q/TWO NINE NINE EIGHT
  STP
```

On-board printer
Output image

Satellite

Reply

Request

Reply

Request

VHF antenna

Ground Earth Station (GES)

ATM Center /NPAC

DLCS

ATIS Information

22 Airports

New Chitose
Hakodate
Niigata
Sendai
Kobe
Tokyo
Hiroshima
Osaka
Chubu
Narita
Fukuoka
Oita
Kansai
Nagasaki
Kochi
Kumamoto
Takamatsu
Kagoshima
Matsuyama
Miyazaki
Naha
New Ishigaki