

**Air Traffic Service Provider (ATSP) Baseline and Traffic Forecast by Flight Information Region (FIR) Form**  
**Sheet 1 of 5 - General Information and Service and Ground System Information**  
**Form Version: .15 to Cover Past 12 Months (Jan 2006-Dec 2006) and Next 12 Months (Jan 2007-Dec 2007)**

<b>General Information</b>	<b>Enter Information for Each Below</b>
ATSP:	Airways New Zealand
Associated Coordinating Group:	ISPACG
FIR (complete one form per FIR):	Auckland Oceanic
Logon Code:	NZZO
Baseline Traffic Provided for the following last 12 months:	Jan 2006-Dec 2006 (Entry has been pre-filled in to advise timeframe required.)
Traffic Forecast Provided for the following next 12 months:	Jan 2007-Dec 2007 (Entry has been pre-filled in to advise timeframe required.)

<b>1) Current Baseline - Service and Ground System Information and any non-FANS Datalink Messages Supported</b>	<b>Enter Information for Each Below</b>
FANS-1/A Service Provider (connected to):	ARINC
FANS-1/A Ground System:	Oceanic Control system
FANS-1/A Ground System Vendor:	CAE Electronics
FANS-1/A Applications Supported:	ADS, CPDLC, AFN
Non-FANS Datalink Messages Supported: e.g. OCL, FMC/AOC WPRs, others (Describe and include SMI(s))	NIL

<b>Message Sizes</b>	<b>Average ARINC 620 Ground-Ground Message Size (Characters)</b> <b>(NOTE: The message character count should be taken from the first non-blank character following the "-" in the freetext and ending after the 4-char CRC.)</b>
<b>Message Type</b>	
FANS AFN UL	67
FANS AFN DL	58
FANS CPDLC UL	45
FANS CPDLC DL	35
FANS ADS UL	48
FANS ADS DL	79
(Insert Msg Type 1) UL	
(Insert Msg Type 1) DL	
(Insert Msg Type 2) UL	
(Insert Msg Type 2) DL	
(Insert Msg Type 3) UL	
(Insert Msg Type 3) DL	
(Insert Msg Type 4) UL	
(Insert Msg Type 4) DL	
(Insert Msg Type 5) UL	
(Insert Msg Type 5) DL	

**Air Traffic Service Provider (ATSP) Baseline and Traffic Forecast by Flight Information Region (FIR) Form**  
**Sheet 2 of 5 - Current Baseline - FANS Applications Supported Message Traffic Successfully Delivered via GES via SATCOM\***  
**Form Version: .15**

\* Successfully Delivered via GES via SATCOM meaning:

1) For the Uplink (UL) case:

ARINC 620 Ground-Ground Message Assurance Success Message associated with the UL (SMI=MAS, MA TEI contains an "S" following the UL Serial Number, AND, the "DT" line ground station identifier indicates one of the valid GES designators shown in the breakdown in the column headings to the right.)

2) For the Downlink (DL) case:

ARINC 620 Ground-Ground Downlink Message "DT" line ground station identifier in the "DT" line indicates one of the valid GES designators shown in the breakdown in the column headings to the right.

**FIR:**

**Baseline Traffic for the Past 12 Months (Jan 2006-Dec 2006)**

**Traffic Breakdown by Ocean Region and GES**

Perth (QXT- SITA) POR1	Santa Paula (DDL- ARINC) XXC	Perth (QXT- SITA) IOR2	Eik (DDL- ARINC) XXE	Aussa guel (QXT- SITA) AOE2	Goon hilly (QXT- SITA) AOE1	Eik (DDL- ARINC) XXE	Goon hilly (DDL- ARINC) XXB
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**Current Baseline for Past 12 Months (Jan 2006-Dec 2006) - FANS-1/A Applications Supported Traffic Breakdown Per Day**

Average Number of FANS AFN UL Messages Successfully Delivered via GES/Day:	56	22
Average Number of FANS AFN DL Messages Successfully Received via GES/Day:	77	27
Average Number of FANS CPDLC UL Messages Successfully Delivered via GES/Day:	159	50
Average Number of FANS CPDLC DL Messages Successfully Received via GES/Day:	216	56
Average Number of FANS ADS UL Messages Successfully Delivered via GES/Day:	92	35
Average Number of FANS ADS DL Messages Successfully Received via GES/Day:	502	116

**Current Baseline for Past 12 Months (Jan 2006-Dec 2006) - FANS-1/A Applications Supported Traffic Breakdown Per Peak Period(s)**

Peak Time Period 1 (Enter Time Period in UTC-UTC Here) have most number of FANS message traffic:

(provide information below for each peak period separately)

Average Number of FANS AFN UL Messages Successfully Delivered via GES/Peak Period:

Average Number of FANS AFN DL Messages Successfully Received via GES/Peak Period:

Average Number of FANS CPDLC UL Messages Successfully Delivered via GES/Peak Period:  
Average Number of FANS CPDLC DL Messages Successfully Received via GES/Peak Period:  
Average Number of FANS ADS UL Messages Successfully Delivered via GES/Peak Period:  
Average Number of FANS ADS DL Messages Successfully Received via GES/Peak Period:

[Redacted]

Peak Time Period 2 (**Enter Time Period in UTC-UTC Here**) have most number of FANS message traffic:

**(provide information below for each peak period separately)**

Average Number of FANS AFN UL Messages Successfully Delivered via GES/Peak Period:  
Average Number of FANS AFN DL Messages Successfully Received via GES/Peak Period:  
Average Number of FANS CPDLC UL Messages Successfully Delivered via GES/Peak Period:  
Average Number of FANS CPDLC DL Messages Successfully Received via GES/Peak Period:  
Average Number of FANS ADS UL Messages Successfully Delivered via GES/Peak Period:  
Average Number of FANS ADS DL Messages Successfully Received via GES/Peak Period:

[Redacted]

Peak Time Period 3 (**Enter Time Period in UTC-UTC Here**) have most number of FANS message traffic:

**(provide information below for each peak period separately)**

Average Number of FANS AFN UL Messages Successfully Delivered via GES/Peak Period:  
Average Number of FANS AFN DL Messages Successfully Received via GES/Peak Period:  
Average Number of FANS CPDLC UL Messages Successfully Delivered via GES/Peak Period:  
Average Number of FANS CPDLC DL Messages Successfully Received via GES/Peak Period:  
Average Number of FANS ADS UL Messages Successfully Delivered via GES/Peak Period:  
Average Number of FANS ADS DL Messages Successfully Received via GES/Peak Period:

[Redacted]

Peak Time Period 4 (**Enter Time Period in UTC-UTC Here**) have most number of FANS message traffic:

**(provide information below for each peak period separately)**

Average Number of FANS AFN UL Messages Successfully Delivered via GES/Peak Period:  
Average Number of FANS AFN DL Messages Successfully Received via GES/Peak Period:  
Average Number of FANS CPDLC UL Messages Successfully Delivered via GES/Peak Period:  
Average Number of FANS CPDLC DL Messages Successfully Received via GES/Peak Period:  
Average Number of FANS ADS UL Messages Successfully Delivered via GES/Peak Period:  
Average Number of FANS ADS DL Messages Successfully Received via GES/Peak Period:

[Redacted]

Peak Time Period 5 (Enter Time Period in UTC-UTC Here) have most number of FANS message traffic:

**(provide information below for each peak period separately)**

Average Number of FANS AFN UL Messages Successfully Delivered via GES/Peak Period:

Average Number of FANS AFN DL Messages Successfully Received via GES/Peak Period:

Average Number of FANS CPDLC UL Messages Successfully Delivered via GES/Peak Period:

Average Number of FANS CPDLC DL Messages Successfully Received via GES/Peak Period:

Average Number of FANS ADS UL Messages Successfully Delivered via GES/Peak Period:

Average Number of FANS ADS DL Messages Successfully Received via GES/Peak Period:



**If more than 5 different peak periods, provide same information as above (peak period time period, average traffic/peak for each additional peak period for each application.)**

Aussa	Goon	South	Goon
guel	hilly	bury	hilly
(QXT-	(QXT-	(DDL-	(DDL-
SITA)	SITA)	ARINC)	ARINC)
AOW2	AOW1	XXD	XXB

**Air Traffic Service Provider (ATSP) Baseline and Traffic Forecast by Flight Information Region (FIR) Form  
 Sheet 3 of 5 - Current Baseline - Non-FANS Messages Supported Message Traffic Successfully Delivered via GES via SATCOM\*  
 Form Version: .15**

\* Successfully Delivered via GES meaning:

1) For the Uplink (UL) case:

ARINC 620 Ground-Ground Message Assurance Success Message associated with the UL (SMI=MAS, MA TEI contains an "S" following the UL Serial Number, AND, the "DT" line ground station identifier indicates one of the valid GES designators shown in the breakdown in the column headings to the right.)

2) For the Downlink (DL) case:

ARINC 620 Ground-Ground Downlink Message "DT" line ground station identifier in the "DT" line indicates one of the valid GES designators shown in the breakdown in the column headings to the right.

**FIR:**

**Baseline Traffic for the Past 12 Months (Jan 2006-Dec 2006)**

**Traffic Breakdown by Ocean**

	Santa	
Perth	Paula	Perth
(QXT- SITA)	(DDL- ARINC)	(QXT- SITA)
POR1	XXC	IOR2

**Current Baseline for Past 12 Months (Jan 2006-Dec 2006) – Non-FANS Datalink Messages Supported and Associated Traffic Per Day and Per Peak Period**

Message Type 1 (Insert Message Type 1):

(provide information below for each Message Type separately)

Average Number of (Insert Msg Type 1) UL Messages Successfully Sent via GES/Day:

Average Number of (Insert Msg Type 1) DL Messages Successfully Received via GES/Day:

Peak Time Period(s) (Enter Time Period in UTC-UTC Here) have most (Insert Msg Type 1) Traffic:  
 (provide information below for each peak period separately)

Average Number of (Insert Msg Type 1) UL Messages Successfully Sent via GES/Peak Period:

Average Number of (Insert Msg Type 1) DL Messages Successfully Received via GES/Peak Period:

Message Type 2 (Insert Message Type 2):

(provide information below for each Message Type separately)

Average Number of (Insert Msg Type 2) UL Messages Successfully Sent via GES/Day:

Average Number of (Insert Msg Type 2) DL Messages Successfully Received via GES/Day:

Peak Time Period(s) (Enter Time Period in UTC-UTC Here) have most (Insert Msg Type 2) Traffic:  
 (provide information below for each peak period separately)

Average Number of (Insert Msg Type 2) UL Messages Successfully Sent via GES/Peak Period:

Average Number of (Insert Msg Type 2) DL Messages Successfully Received via GES/Peak Period:

Message Type 3 (Insert Message Type 3):

(provide information below for each Message Type separately)

Average Number of (Insert Msg Type 3) UL Messages Successfully Sent via GES/Day:

Average Number of (Insert Msg Type 3) DL Messages Successfully Received via GES/Day:

Peak Time Period(s) (Enter Time Period in UTC-UTC Here) have most (Insert Msg Type 3) Traffic:  
 (provide information below for each peak period separately)

Average Number of (Insert Msg Type 3) UL Messages Successfully Sent via GES/Peak Period:

Average Number of (Insert Msg Type 3) DL Messages Successfully Received via GES/Peak Period:

[Redacted]

Message Type 4 (***Insert Message Type 4***):

**(provide information below for each Message Type separately)**

Average Number of (Insert Msg Type 4) UL Messages Successfully Sent via GES/Day:

Average Number of (Insert Msg Type 4) DL Messages Successfully Received via GES/Day:

Peak Time Period(s) (***Enter Time Period in UTC-UTC Here***) have most (Insert Msg Type 3) Traffic:

**(provide information below for each peak period separately)**

Average Number of (Insert Msg Type 4) UL Messages Successfully Sent via GES/Peak Period:

Average Number of (Insert Msg Type 4) DL Messages Successfully Received via GES/Peak Period:

[Redacted]

Message Type 5 (***Insert Message Type 5***):

**(provide information below for each Message Type separately)**

Average Number of (Insert Msg Type 5) UL Messages Successfully Sent via GES/Day:

Average Number of (Insert Msg Type 5) DL Messages Successfully Received via GES/Day:

Peak Time Period(s) (***Enter Time Period in UTC-UTC Here***) have most (Insert Msg Type 3) Traffic:

**(provide information below for each peak period separately)**

Average Number of (Insert Msg Type 5) UL Messages Successfully Sent via GES/Peak Period:

Average Number of (Insert Msg Type 5) DL Messages Successfully Received via GES/Peak Period:

[Redacted]

**If more than 5 different message types, provide same information as above (message type, traffic/day and peak for each additional**

**Region and GES**

Eik	Aussa	Goon	Eik	Goon	Aussa	Goon	South	Goon
(DDL-	guel	hilly	(DDL-	hilly	guel	hilly	bury	hilly
ARINC)	(QXT-	(QXT-	(DDL-	(DDL-	(QXT-	(QXT-	(DDL-	(DDL-
XXE	SITA)	SITA)	ARINC)	ARINC)	SITA)	SITA)	ARINC)	ARINC)
	AOE2	AOE1	XXE	XXB	AOW2	AOW1	XXD	XXB



message type.)

**Air Traffic Service Provider (ATSP) Baseline and Traffic Forecast by Flight Information Region (FIR) Form**

**Sheet 4 of 5 - Current Baseline - Forecasted FANS Applications Supported Message Traffic Successfully Delivered via GES via SATCOM\***

Form Version: .15

\* Successfully Delivered via GES via SATCOM meaning:

1) For the Uplink (UL) case:

ARINC 620 Ground-Ground Message Assurance Success Message associated with the UL (SMI=MAS, MA TEI contains an "S" following the UL Serial Number, AND, the "DT" line ground station identifier indicates one of the valid GES designators shown in the breakdown in the column headings to the right.)

2) For the Downlink (DL) case:

ARINC 620 Ground-Ground Downlink Message "DT" line ground station identifier in the "DT" line indicates one of the valid GES designators shown in the breakdown in the column headings to the right.

**FIR:**

**Traffic Forecast for the Next 12 Months (Jan 2007-Dec 2007)**

**Traffic Breakdown by Ocean Region and GES**

Perth (QXT- SITA) POR1	Santa Paula (DDL- ARINC) XXC	Perth (QXT- SITA) IOR2	Eik (DDL- ARINC) XXE	Aussa guel (QXT- SITA) AOE2	Goon hilly (QXT- SITA) AOE1	Eik (DDL- ARINC) XXE	Goon hilly (DDL- ARINC) XXB
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**Forecasted Traffic for January of the Year following the the Year of the Date Form Completed - FANS-1/A Applications Supported Traffic Breakdown Per Day**

Average Number of FANS AFN UL Messages Successfully Delivered via GES/Day:	56	22
Average Number of FANS AFN DL Messages Successfully Received via GES/Day:	77	27
Average Number of FANS CPDLC UL Messages Successfully Delivered via GES/Day:	159	50
Average Number of FANS CPDLC DL Messages Successfully Received via GES/Day:	216	56
Average Number of FANS ADS UL Messages Successfully Delivered via GES/Day:	92	35
Average Number of FANS ADS DL Messages Successfully Received via GES/Day:	502	116

**Forecasted Traffic for January of the Year following the the Year of the Date Form Completed - FANS-1/A Applications Supported Traffic Breakdown Per Peak Period(s)**

Peak Time Period 1 (Enter Time Period in UTC-UTC Here) have most number of FANS message traffic:

(provide information below for each peak period separately)

Average Number of FANS AFN UL Messages Successfully Delivered via GES/Peak Period:

Average Number of FANS AFN DL Messages Successfully Received via GES/Peak Period:  
Average Number of FANS CPDLC UL Messages Successfully Delivered via GES/Peak Period:  
Average Number of FANS CPDLC DL Messages Successfully Received via GES/Peak Period:  
Average Number of FANS ADS UL Messages Successfully Delivered via GES/Peak Period:  
Average Number of FANS ADS DL Messages Successfully Received via GES/Peak Period:

Peak Time Period 2 (*Enter Time Period in UTC-UTC Here*) have most number of FANS message traffic:

**(provide information below for each peak period separately)**

Average Number of FANS AFN UL Messages Successfully Delivered via GES/Peak Period:  
Average Number of FANS AFN DL Messages Successfully Received via GES/Peak Period:  
Average Number of FANS CPDLC UL Messages Successfully Delivered via GES/Peak Period:  
Average Number of FANS CPDLC DL Messages Successfully Received via GES/Peak Period:  
Average Number of FANS ADS UL Messages Successfully Delivered via GES/Peak Period:  
Average Number of FANS ADS DL Messages Successfully Received via GES/Peak Period:

Peak Time Period 3 (*Enter Time Period in UTC-UTC Here*) have most number of FANS message traffic:

**(provide information below for each peak period separately)**

Average Number of FANS AFN UL Messages Successfully Delivered via GES/Peak Period:  
Average Number of FANS AFN DL Messages Successfully Received via GES/Peak Period:  
Average Number of FANS CPDLC UL Messages Successfully Delivered via GES/Peak Period:  
Average Number of FANS CPDLC DL Messages Successfully Received via GES/Peak Period:  
Average Number of FANS ADS UL Messages Successfully Delivered via GES/Peak Period:  
Average Number of FANS ADS DL Messages Successfully Received via GES/Peak Period:

Peak Time Period 4 (*Enter Time Period in UTC-UTC Here*) have most number of FANS message traffic:

**(provide information below for each peak period separately)**

Average Number of FANS AFN UL Messages Successfully Delivered via GES/Peak Period:  
Average Number of FANS AFN DL Messages Successfully Received via GES/Peak Period:  
Average Number of FANS CPDLC UL Messages Successfully Delivered via GES/Peak Period:  
Average Number of FANS CPDLC DL Messages Successfully Received via GES/Peak Period:  
Average Number of FANS ADS UL Messages Successfully Delivered via GES/Peak Period:  
Average Number of FANS ADS DL Messages Successfully Received via GES/Peak Period:

Peak Time Period 5 (***Enter Time Period in UTC-UTC Here***) have most number of FANS message traffic:

**(provide information below for each peak period separately)**

Average Number of FANS AFN UL Messages Successfully Delivered via GES/Peak Period:

Average Number of FANS AFN DL Messages Successfully Received via GES/Peak Period:

Average Number of FANS CPDLC UL Messages Successfully Delivered via GES/Peak Period:

Average Number of FANS CPDLC DL Messages Successfully Received via GES/Peak Period:

Average Number of FANS ADS UL Messages Successfully Delivered via GES/Peak Period:

Average Number of FANS ADS DL Messages Successfully Received via GES/Peak Period:

**If more than 5 different peak periods, provide same information as above (peak period time period, average traffic/peak for each additional peak period for each application.)**

Aussa	Goon	South	Goon
guel	hilly	bury	hilly
(QXT-	(QXT-	(DDL-	(DDL-
SITA)	SITA)	ARINC)	ARINC)
AOW2	AOW1	XXD	XXB

**Air Traffic Service Provider (ATSP) Baseline and Traffic Forecast by Flight Information Region (FIR) Form  
 Sheet 5 of 5 - Current Baseline - Non-FANS Messages Supported Message Traffic Successfully Delivered via GES via SATCOM\*  
 Form Version: .15**

\* Successfully Delivered via GES via SATCOM meaning:

1) For the Uplink (UL) case:

ARINC 620 Ground-Ground Message Assurance Success Message associated with the UL (SMI=MAS, MA TEI contains an "S" following the UL Serial Number, AND, the "DT" line ground station identifier indicates one of the valid GES designators shown in the breakdown in the column headings to the right.)

2) For the Downlink (DL) case:

ARINC 620 Ground-Ground Downlink Message "DT" line ground station identifier in the "DT" line indicates one of the valid GES designators shown in the breakdown in the column headings to the right.

**FIR:**

**Traffic Forecast for the Next 12 Months (Jan 2007-Dec 2007)**

**Traffic Breakdown by Ocean**

	Santa	
Perth	Paula	Perth
(QXT- SITA)	(DDL- ARINC)	(QXT- SITA)
POR1	XXC	IOR2

**Forecasted Traffic for January of the Year following the the Year of the Date Form Completed Non-FANS Datalink Messages Supported and Associated Traffic Per Day and Per Peak Period**

Message Type 1 (Insert Message Type 1):

(provide information below for each Message Type separately)

Average Number of (Insert Msg Type 1) UL Messages Successfully Sent via GES/Day:

Average Number of (Insert Msg Type 1) DL Messages Successfully Received via GES/Day:

Peak Time Period(s) (Enter Time Period in UTC-UTC Here) have most (Insert Msg Type 1) Traffic:

(provide information below for each peak period separately)

Average Number of (Insert Msg Type 1) UL Messages Successfully Sent via GES/Peak Period:

Average Number of (Insert Msg Type 1) DL Messages Successfully Received via GES/Peak Period:

Message Type 2 (Insert Message Type 2):

(provide information below for each Message Type separately)

Average Number of (Insert Msg Type 2) UL Messages Successfully Sent via GES/Day:

Average Number of (Insert Msg Type 2) DL Messages Successfully Received via GES/Day:

Peak Time Period(s) (Enter Time Period in UTC-UTC Here) have most (Insert Msg Type 2) Traffic:

(provide information below for each peak period separately)

Average Number of (Insert Msg Type 2) UL Messages Successfully Sent via GES/Peak Period:

Average Number of (Insert Msg Type 2) DL Messages Successfully Received via GES/Peak Period:

Message Type 3 (Insert Message Type 3):

(provide information below for each Message Type separately)

Average Number of (Insert Msg Type 3) UL Messages Successfully Sent via GES/Day:

Average Number of (Insert Msg Type 3) DL Messages Successfully Received via GES/Day:

Peak Time Period(s) (Enter Time Period in UTC-UTC Here) have most (Insert Msg Type 3) Traffic:

(provide information below for each peak period separately)

Average Number of (Insert Msg Type 3) UL Messages Successfully Sent via GES/Peak Period:  
Average Number of (Insert Msg Type 3) DL Messages Successfully Received via GES/Peak Period:

[Redacted]

Message Type 4 (***Insert Message Type 4***):  
**(provide information below for each Message Type separately)**

Average Number of (Insert Msg Type 4) UL Messages Successfully Sent via GES/Day:  
Average Number of (Insert Msg Type 4) DL Messages Successfully Received via GES/Day:

Peak Time Period(s) (***Enter Time Period in UTC-UTC Here***) have most (Insert Msg Type 3) Traffic:  
**(provide information below for each peak period separately)**

Average Number of (Insert Msg Type 4) UL Messages Successfully Sent via GES/Peak Period:  
Average Number of (Insert Msg Type 4) DL Messages Successfully Received via GES/Peak Period:

[Redacted]

Message Type 5 (***Insert Message Type 5***):  
**(provide information below for each Message Type separately)**

Average Number of (Insert Msg Type 5) UL Messages Successfully Sent via GES/Day:  
Average Number of (Insert Msg Type 5) DL Messages Successfully Received via GES/Day:

Peak Time Period(s) (***Enter Time Period in UTC-UTC Here***) have most (Insert Msg Type 3) Traffic:  
**(provide information below for each peak period separately)**

Average Number of (Insert Msg Type 5) UL Messages Successfully Sent via GES/Peak Period:  
Average Number of (Insert Msg Type 5) DL Messages Successfully Received via GES/Peak Period:

[Redacted]

**If more than 5 different message types, provide same information as above (message type, traffic/day and peak for each additional**

**Region and GES**

Eik	Aussa	Goon	Eik	Goon	Aussa	Goon	South	Goon
(DDL-	guel	hilly	(DDL-	hilly	guel	hilly	bury	hilly
ARINC)	(QXT-	(QXT-	(DDL-	(DDL-	(QXT-	(QXT-	(DDL-	(DDL-
XXE	SITA)	SITA)	ARINC)	ARINC)	SITA)	SITA)	ARINC)	ARINC)
	AOE2	AOE1	XXE	XXB	AOW2	AOW1	XXD	XXB



message type.)