

## APPENDIX B

### END-TO-END REPORT OF THE ASAP DATA DISSEMINATION PERFORMANCE – 2012

(report submitted by Gérard Rey, ASAP Monitoring Centre – Operated by Météo France)

#### 1. Introduction

Météo-France is in charge of a end-to-end report of the ASAP data dissemination performance.

A quarterly report and an annual report have been provided in 2011 and 2012.

The quarterly frequency is more appropriate to give to the ASAP operators the opportunity to correct quickly difficulties in the data dissemination.

TEMP-SHIP messages are mainly received at LFPW (Toulouse) from EGRR (Exeter) and EDZW (Offenbach). Some messages are now received from three ships directly by e-mail.

The following information is available :

Reception at LFPW	Broadcast by LFPW
Call sign	Call sign
Header	Channel
Channel	Broadcast date
Reception date	Time lapse
Size	Broadcast size
Format	Recipient
Error	
Operator	

#### 2. List of call signs available in 2011 and 2012

Country	Call sign	Country	Call sign
Denmark	ASDK01	Japan	JGQH
	ASDK02		JNSR
	ASDK3	Spain	ASES01
E-ASAP	ASEU01	United Kingdom	ASGB01
	ASEU02		
	ASEU03		
	ASEU04		
	ASEU05		
	ASEU06		
France	ASFR1		
	ASFR2		
	ASFR3		
	ASFR4		
Germany	ASDE01		
	ASDE02		
	ASDE03		
	ASDE04	Test	SHIP
	DBLK		ASDE09
	DFCG		

**3.****Global system performance**

In 2011 :

2011	Origin	Nb of messages received	Nb of messages in error	Percentage of messages in error	Nb of messages with operator action	Percentage of messages with operator action
Total	Offenbach	16170	8	0,05		
	Exeter	4216	0	0		
	Telex	0	not relevant	not relevant		
	Email	4063	not relevant	not relevant		
	Mariner	0	not relevant	not relevant		
	X25	0	not relevant	not relevant		
	Supervis	28	1	3,57		
	Total	24477	8	0,04	28	0,14

In 2012 :

2012	Origin	Nb of messages received	Nb of messages in error	Percentage of messages in error	Nb of messages with operator action	Percentage of messages with operator action
Total	Offenbach	15319	7	0,05		
	Exeter	1158	1	0,09		
	Telex	0	not relevant	not relevant		
	Email	4154	not relevant	not relevant		
	Mariner	16	not relevant	not relevant		
	X25	0	not relevant	not relevant		
	Supervis	0	0	not relevant		
	Total	20647	8	0,05	0	0

Remark: Email messages were excluded from the number of messages in error and from the relative percentage as values are regarded as not relevant. Not relevant percentages are due to not relevant values or to a total amount of data equal to zero.

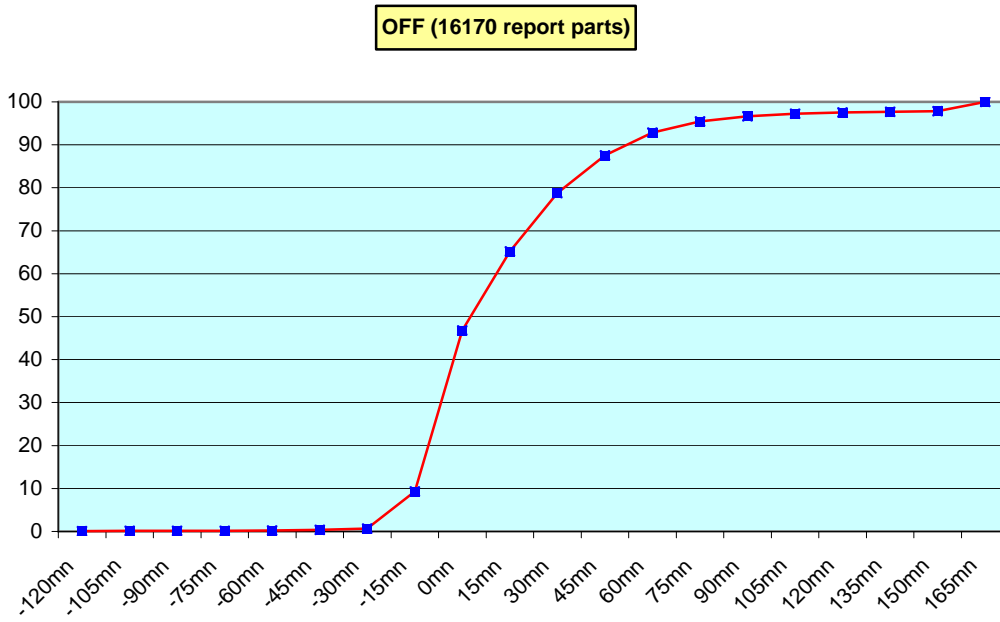
#### 4. Global result of the syntactic check for the messages for each call sign.

Call sign	Nb of messages received		Nb of messages in error		Percentage of messages in error		Nb of messages with operator action		Percentage of messages with operator action	
	2011	2012	2011	2012	2011	2012	2011	2012	2011	2012
ASEU01	688	683	0	0	0	0	0	0	0	0
ASEU02	493	686	0	0	0	0	0	0	0	0
ASEU03	610	430	0	0	0	0	0	0	0	0
ASEU04	519	360	0	0	0	0	0	0	0	0
ASEU05	889	755	0	0	0	0	0	0	0	0
ASEU06	170	933	0	0	0	0	0	0	0	0
ASDE01	1376	1435	0	0	0	0	0	0	0	0
ASDE02	1249	1442	0	0	0	0	0	0	0	0
ASDE03	937	1070	0	0	0	0	0	0	0	0
ASDE04	1246	1041	0	0	0	0	0	0	0	0
DBLK	1524	1471	0	0	0	0	0	0	0	0
DFCG	76	xxxx	0	xxxx	0	xxxx	0	xxxx	0	xxxx
ASGB01	298	xxxx	0	xxxx	0	xxxx	0	xxxx	0	xxxx
ASDK01	1355	1108	0	1	0	0,09	0	0	0	0
ASDK02	1350	459	0	4	0	0,87	0	0	0	0
ASDK3	1347	1235	0	2	0	0,16	0	0	0	0
ASES01	1008	973	8	0	0,79	0	0	0	0	0
ASFR1	920	1028	0	0	0	0	1	0	0,11	0
ASFR2	1030	793	0	1	0	0,13	8	0	0,78	0
ASFR3	741	1002	1	0	0,13	0	6	0	0,81	0
ASFR4	1037	910	0	0	0	0	4	0	0,39	0
JGQH	894	831	0	0	0	0	0	0	0	0
JNSR	2025	207	0	0	0	0	0	0	0	0

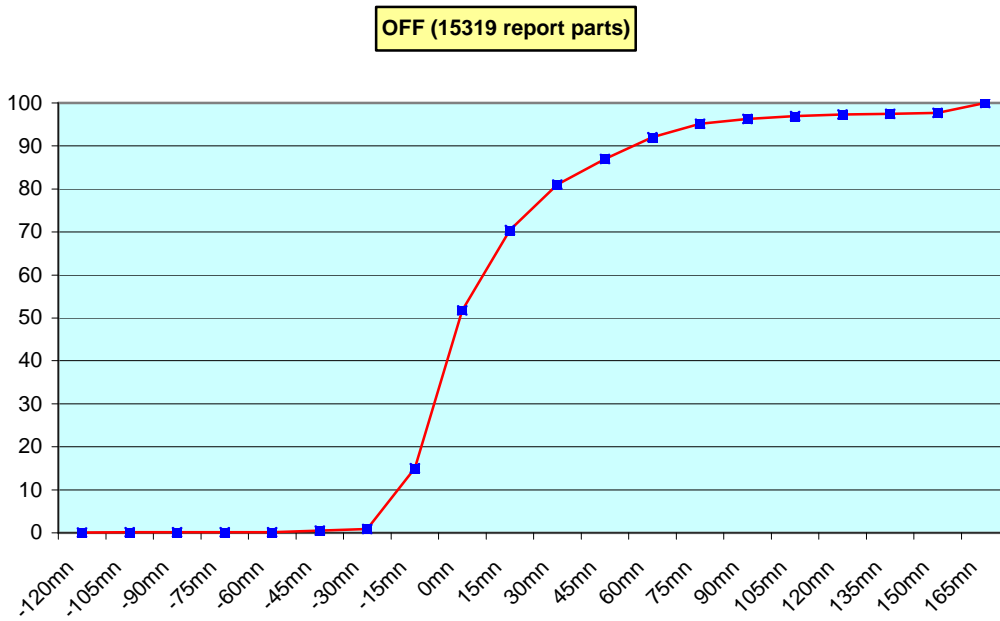
**Remark:** Data transmitted through email displayed an error rate close to 100% due to email syntax and were thus regarded as not relevant and excluded from errors total amount.

5. Mean time before the integration of the messages in the GTS in Toulouse. HH is the synoptic hour of reference.

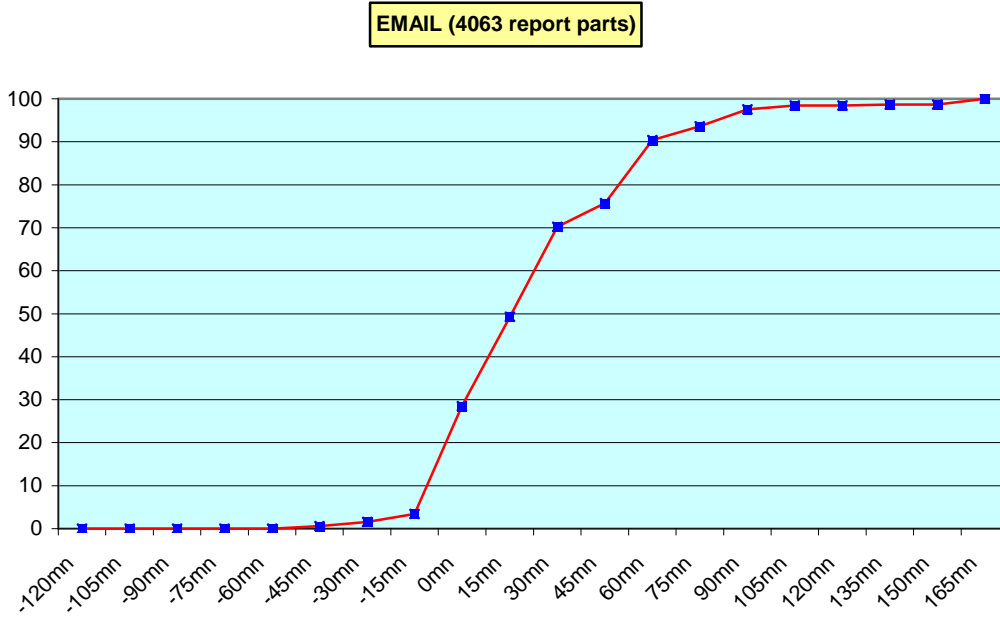
2011



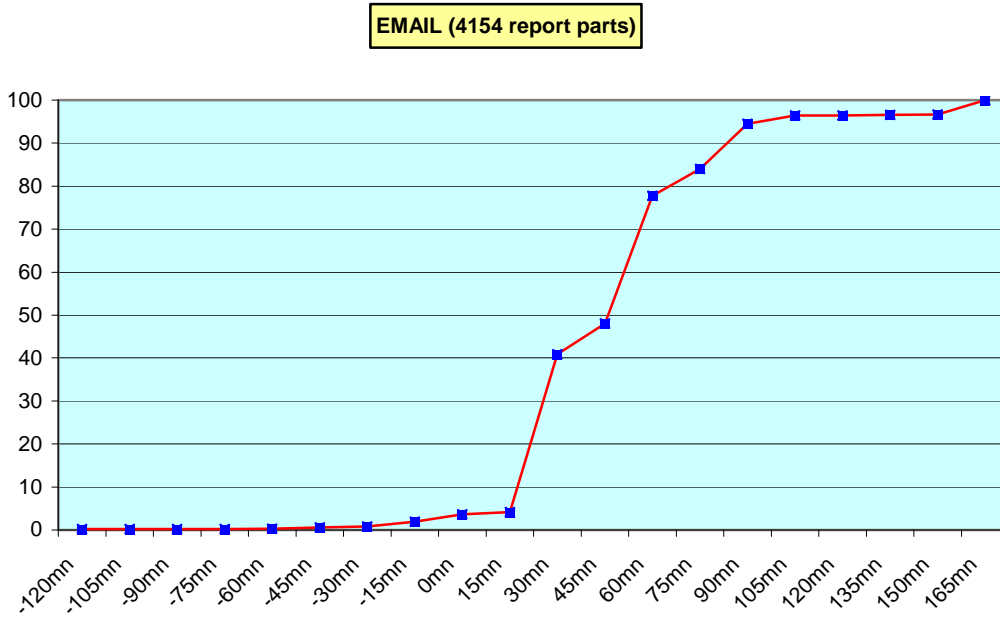
2012



### 2011

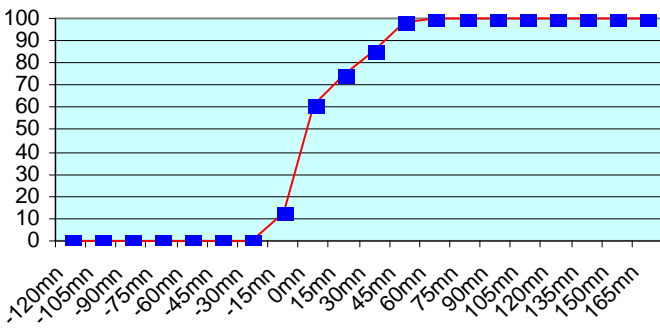


### 2012



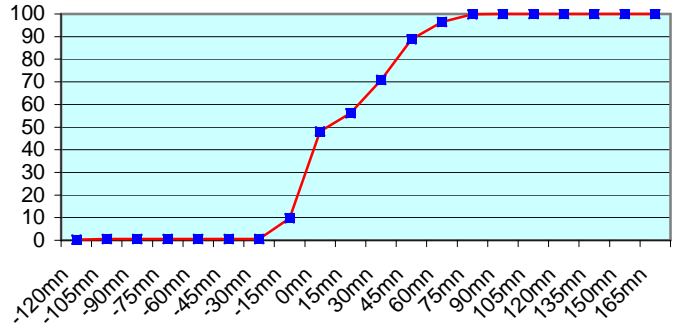
2011

**ASEU01 (688 report parts) Offenbach 688**

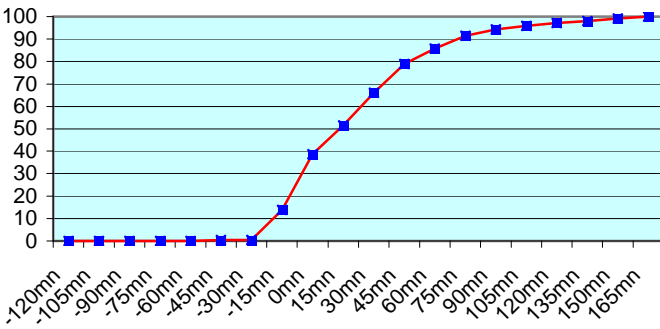


2012

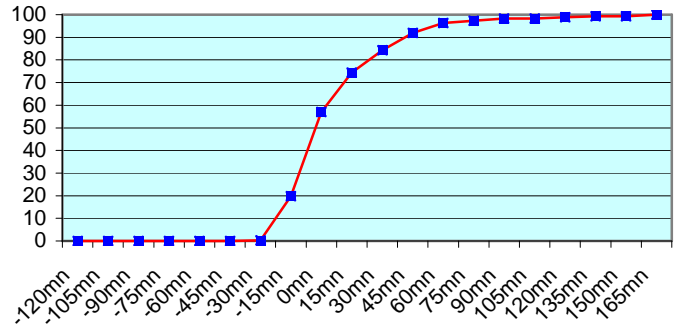
**ASEU01 (683 report parts) Offenbach 683**



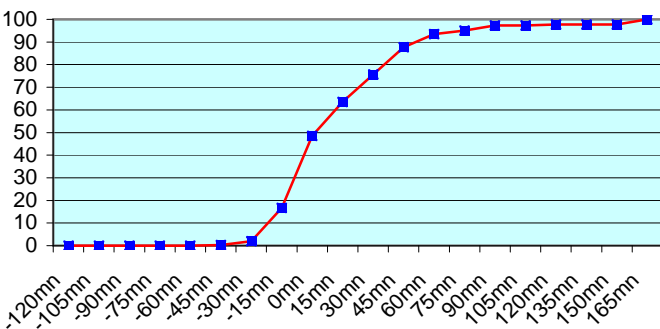
**ASEU02 (493 report parts) Offenbach 493**



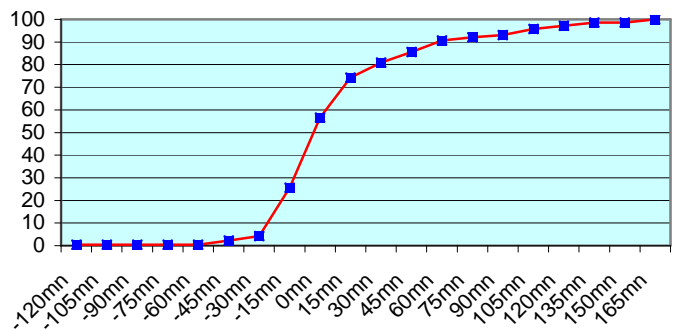
**ASEU02 (686 report parts) Offenbach 686**



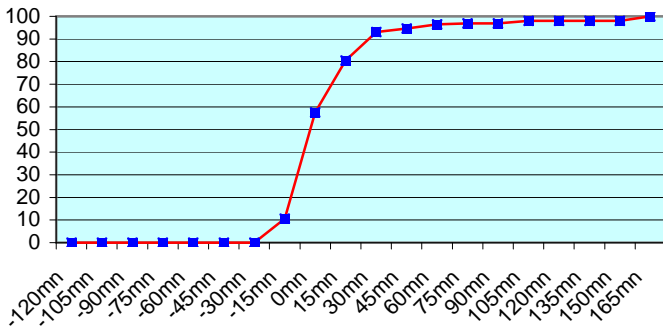
**ASEU03 (610 report parts) Offenbach 610**



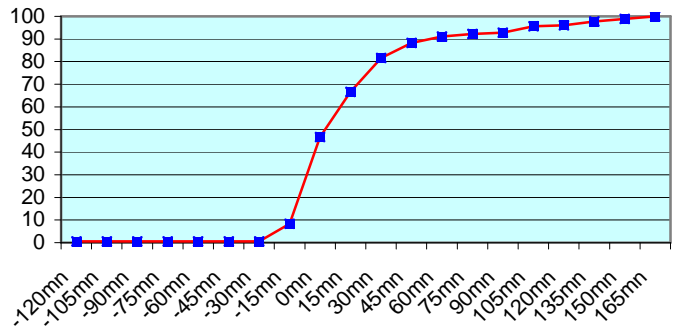
**ASEU03 (430 report parts) Offenbach 430**



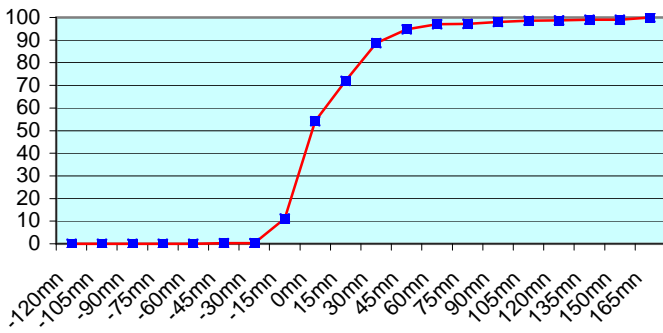
ASEU04 (519 report parts) Offenbach 519



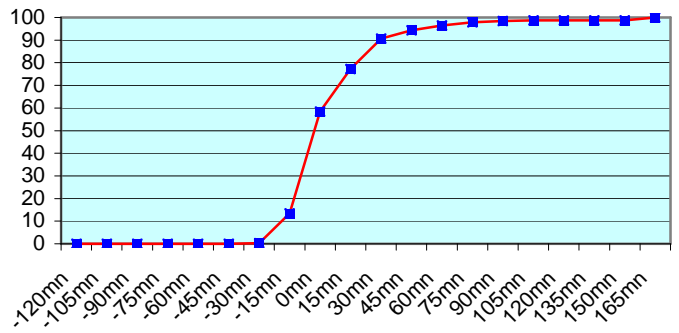
ASEU04 (360 report parts) Offenbach 360



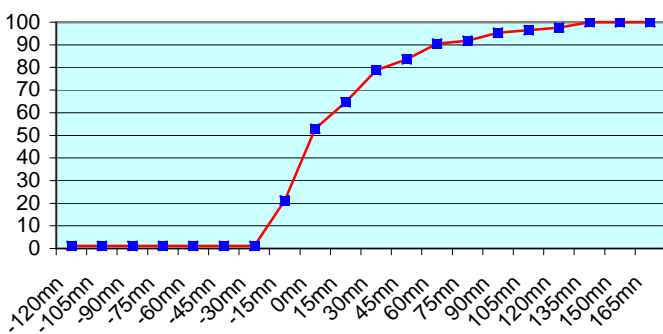
ASEU05 (889 report parts) Offenbach 889



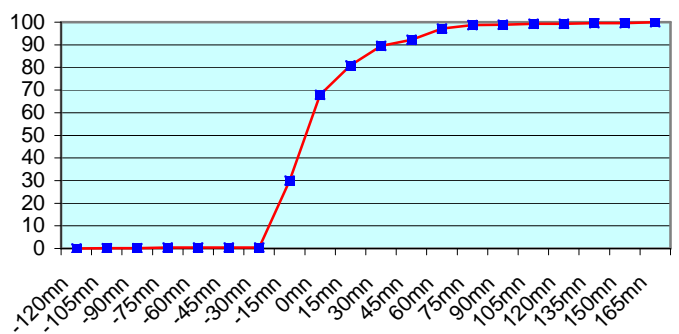
ASEU05 (755 report parts) Offenbach 755



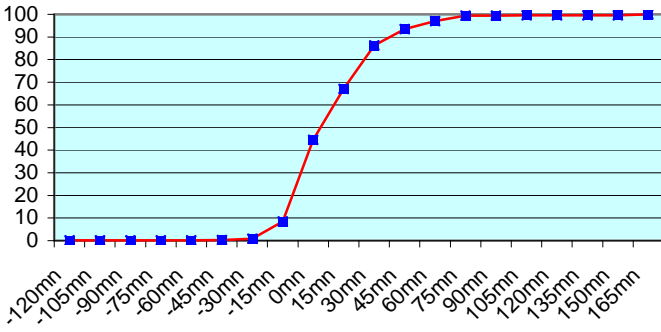
ASEU06 (170 report parts) Offenbach 170



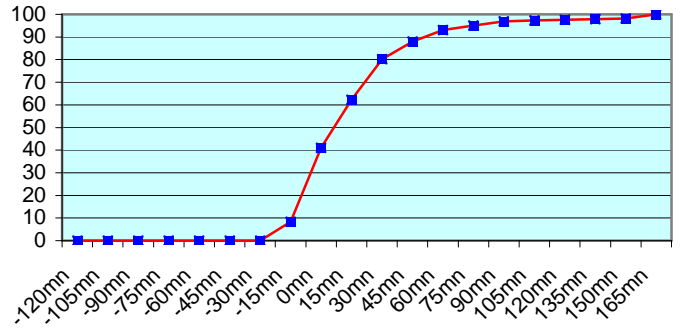
ASEU06 (933 report parts) Offenbach 933



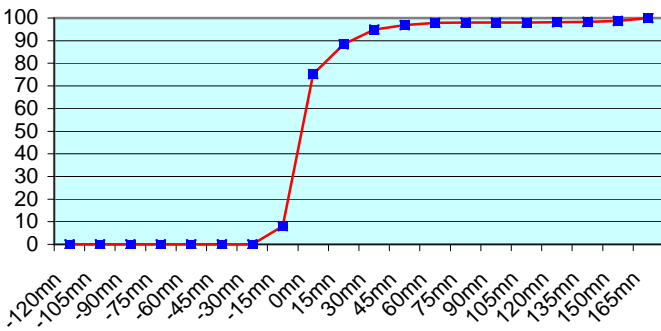
ASDE01 (1376 report parts) Offenbach 1376



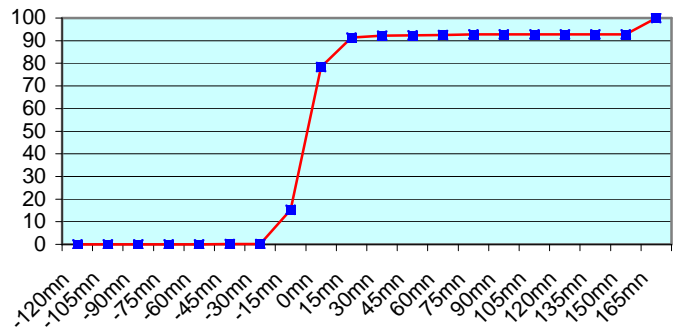
ASDE01 (1435 report parts) Offenbach 1435



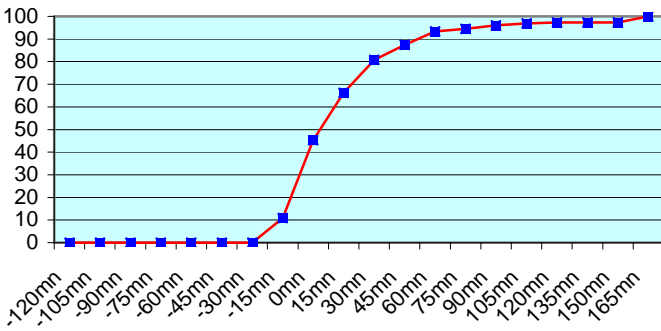
ASDE02 (1249 report parts) Offenbach 1249



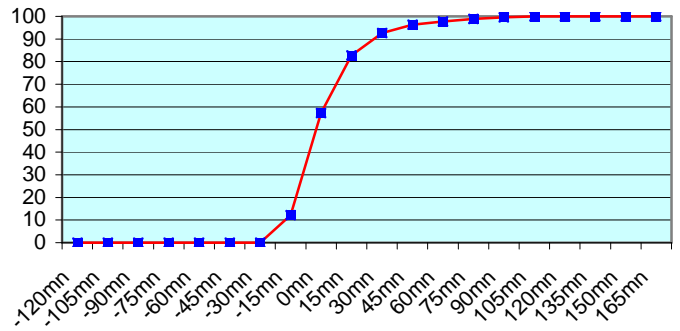
ASDE02 (1442 report parts) Offenbach 1442



ASDE03 (937 report parts) Offenbach 937

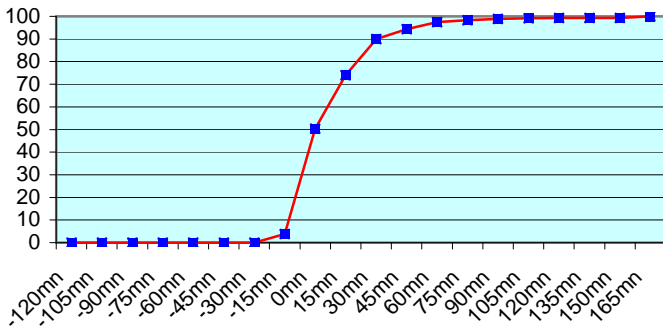


ASDE03 (1070 report parts) Offenbach 1070

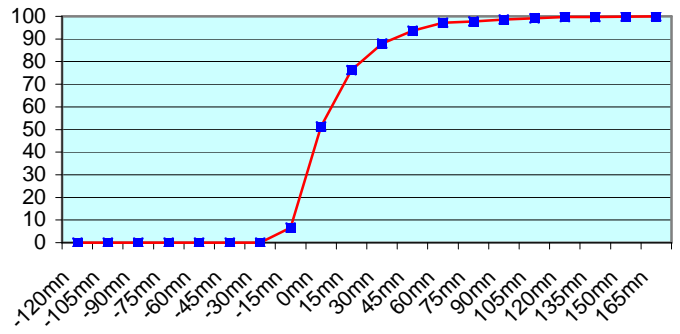




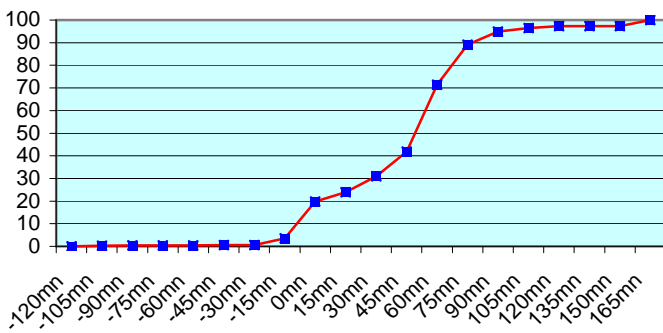
**ASDE04 (1246 report parts) Offenbach 1246**



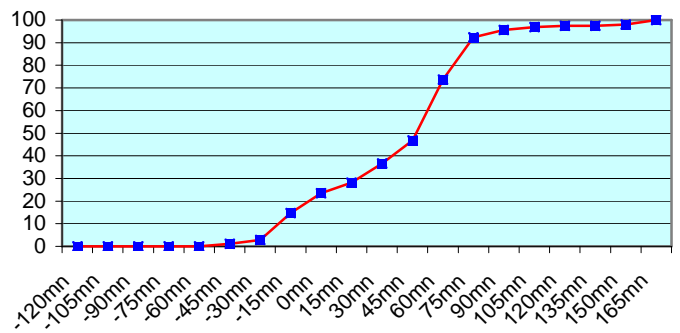
**ASDE04 (1041 report parts) Offenbach 1041**



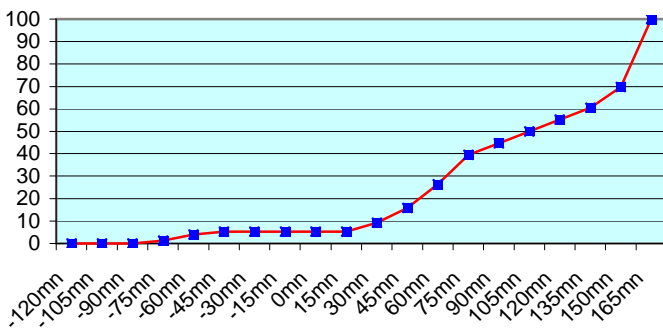
**DBLK (1524 report parts) Offenbach 1524**



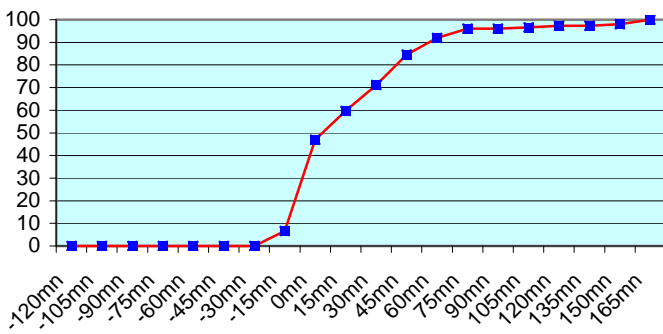
**DBLK (1471 report parts) Offenbach 1471**



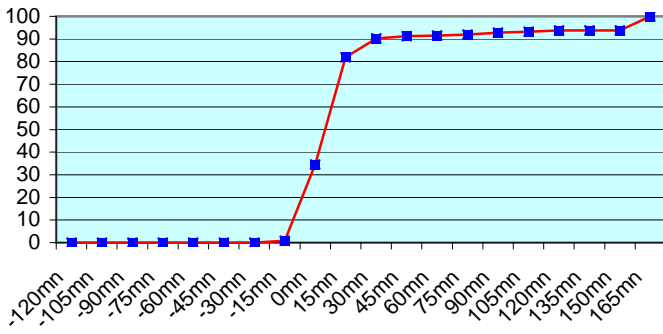
**DFCG (76 report parts) Offenbach 76**



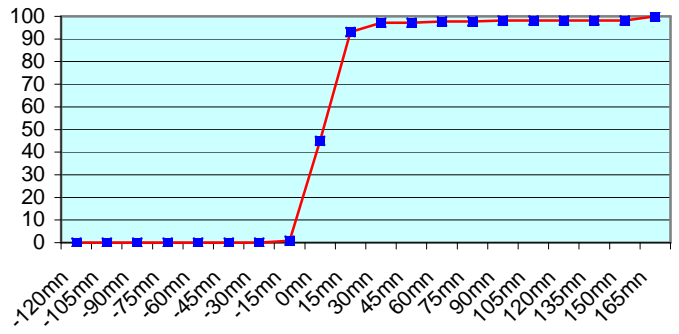
**ASGB01 (298 report parts) Offenbach 298**



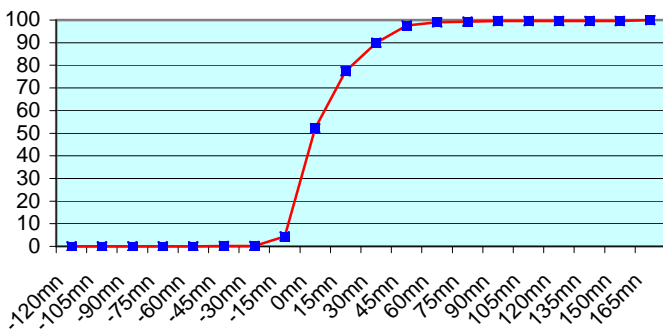
**ASES01 (1008 report parts) Offenbach 1008**



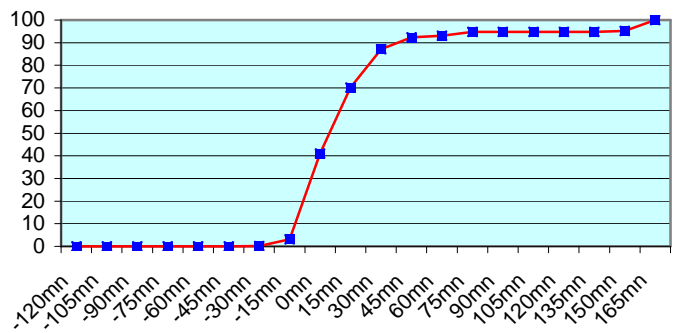
**ASES01 (973 report parts) Offenbach 973**



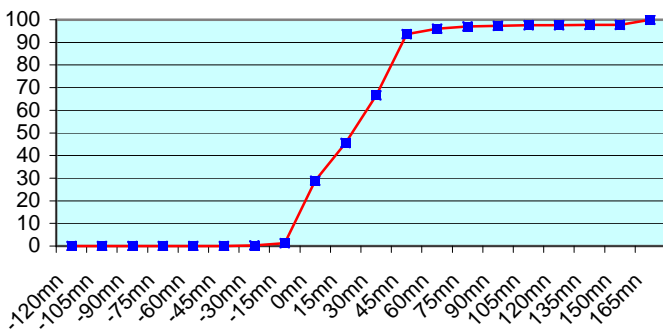
**ASDK01 (1355 report parts) Offenbach 1355**



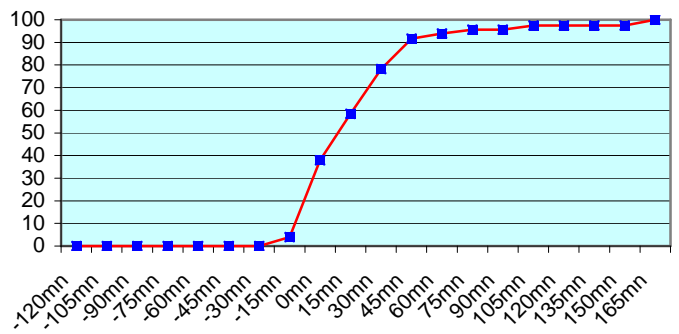
**ASDK01 (1108 report parts) Offenbach 1108**



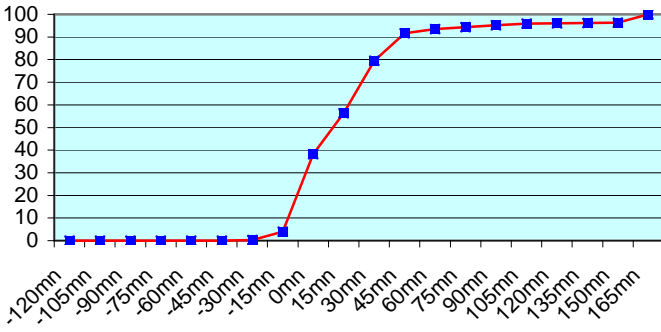
**ASDK02 (1350 report parts) Offenbach 1350**



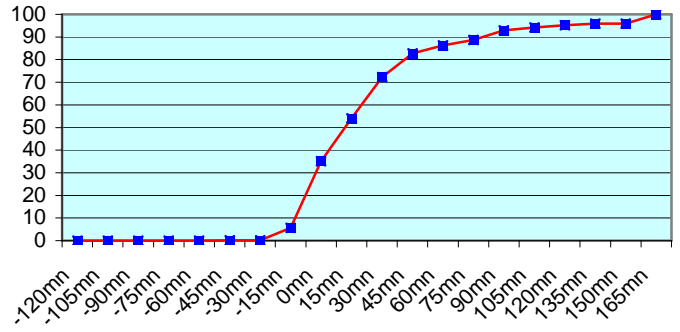
**ASDK02 (459 report parts) Offenbach 459**



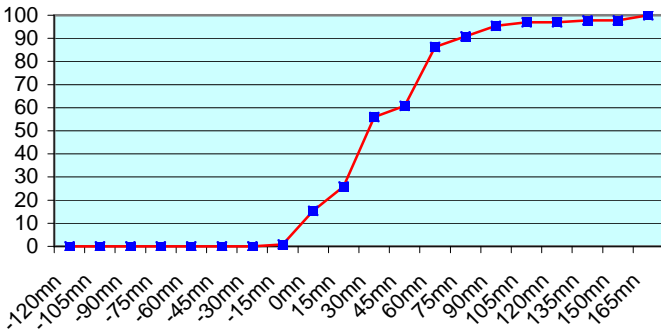
**ASDK3 (1347 report parts) Offenbach 1347**



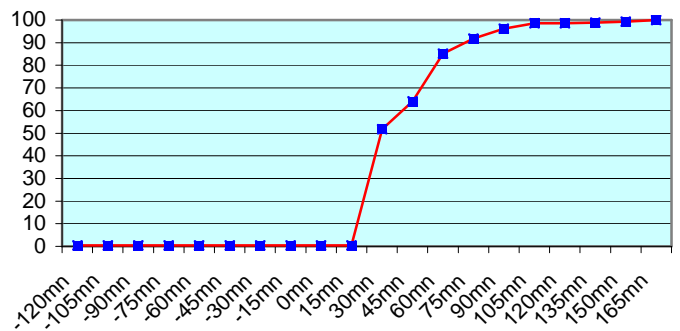
**ASDK3 (1235 report parts) Offenbach 1235**



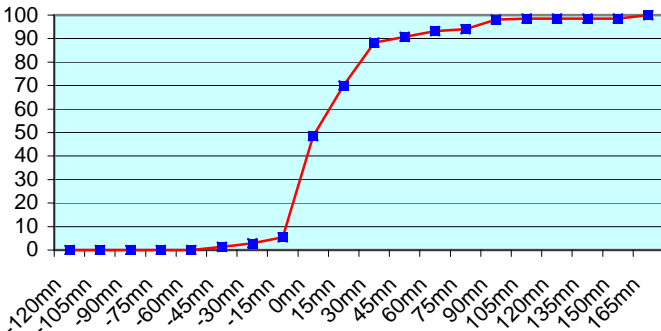
**ASFR1 (920 report parts) Email 919 with supervision 1**



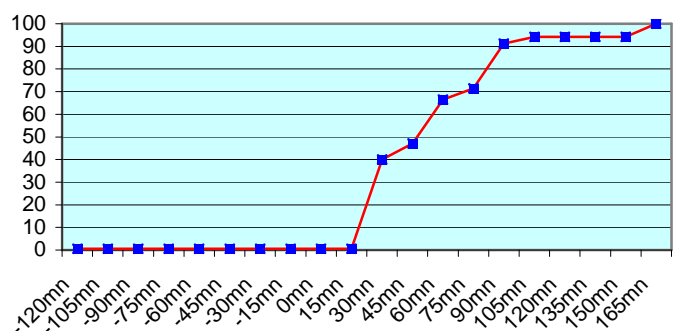
**ASFR1 (1028 report parts) Email 1028**



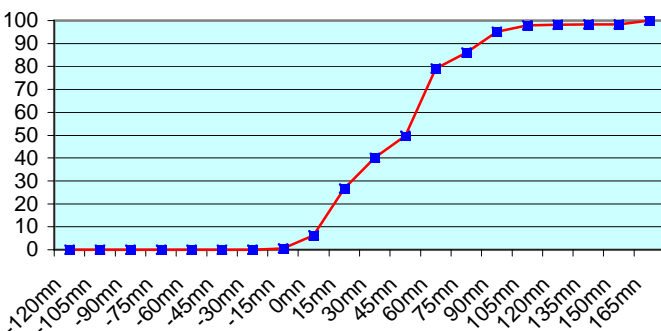
**ASFR2 (1030 report parts) Email 1022 with supervision 8**



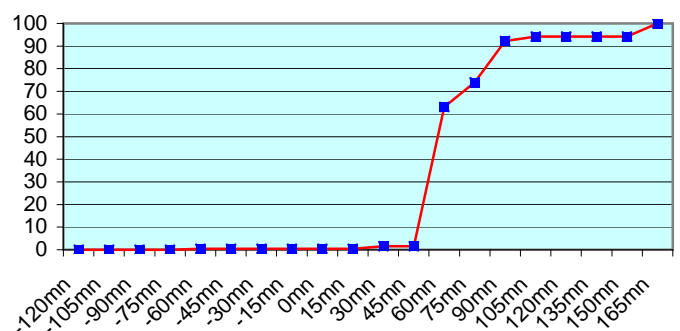
**ASFR2 (793 report parts) Exeter 1 Email 792**



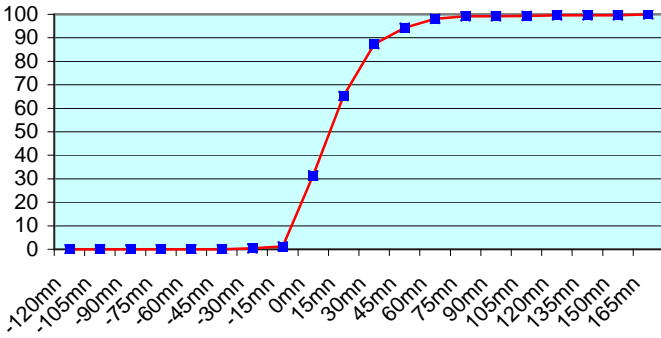
**ASFR3 (741 report parts) Email 735 with supervision 6**



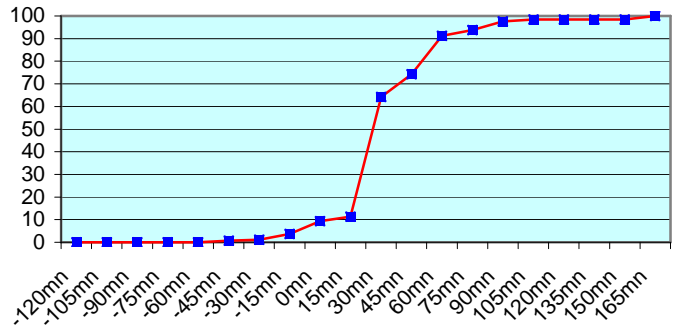
**ASFR3 (1002 report parts) Email 1002**



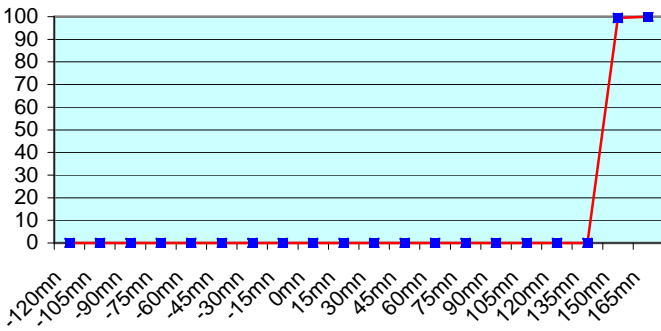
**ASFR4 (1037 report parts) Email 1033 with supervision 4**



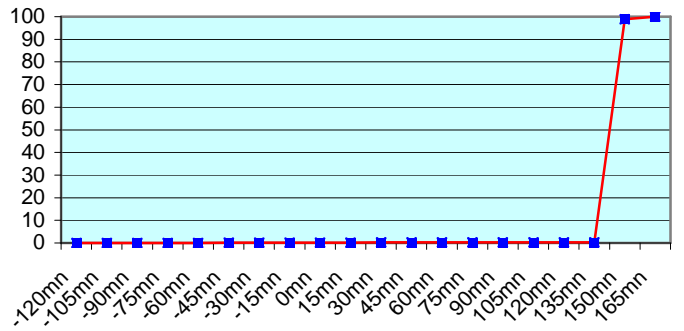
**ASFR4 (910 report parts) Email 910**



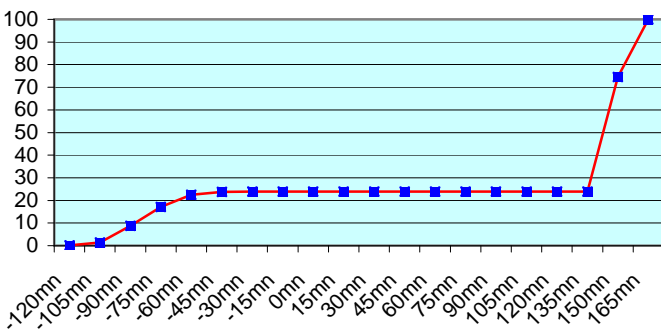
**JGQH (894 report parts) Exeter 894**



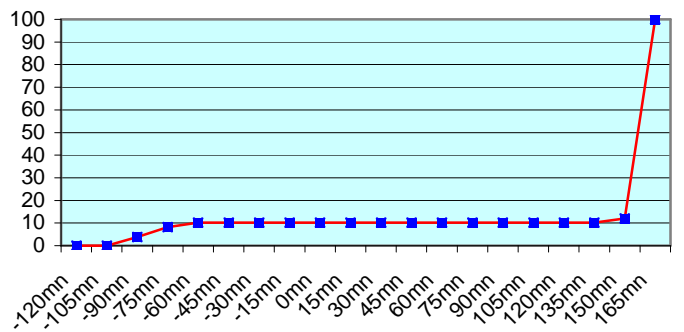
**JGQH (831 report parts) Exeter 831**



**JNSR (2025 report parts) Exeter 2025**



**JNSR (207 report parts) Exeter 207**



During 2012, Météo-France Toulouse received 5161 upper air messages (TEMP) from ships. This number of messages is less than it was in 2011 (6120). One of the main reason is the reduction of the number of messages received from Japanese ships (-1863 messages) and from one Danish ship (-891 messages).

Call Sign	Messages received in 2011	Messages received in 2012	Difference 2012-2011
ASEU01	688	683	-5
ASEU02	493	686	+193
ASEU03	610	430	-180
ASEU04	519	360	-159
ASEU05	889	755	-134
ASEU06(ASGB01)	170 + 298	933	+465
ASDE01	1376	1435	+59
ASDE02	1249	1442	+193
ASDE03	937	1070	+133
ASDE04	1246	1041	-205
DBLK	1524	1471	-53
DFCG	76	0	-76
ASDK01	1355	1108	-247
ASDK02	1350	459	-891
ASDK3	1347	1235	-112
ASES01	1008	973	-35
ASFR1	920	1028	+108
ASFR2	1030	793	-237
ASFR3	741	1002	+261
ASFR4	1037	910	127
JGQH	894	831	-63
JNSR	2025	207	-1818
Wrong or strange call sign	2547	1642	-905

The reports were received from 23 different call signs. One of them ASGB01 moved in 2011 to ASEU06.

The quality of the ASAP reports was generally of a high standard, with only a small percentage of erroneous data.

Few corrupted call signs can be seen from time to time but less in 2012 than in 2011.

Japanese ships follow a different procedure with an important shift between the sending of the message and the synoptic hour.