

Joint WMO/IOC Technical Commission for
Oceanography - Ship Observation Team

**End-to-end report of the
ASAP data dissemination
performance
2008
January to December**

1. Introduction

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

The matter of this paper is to evaluate the results of the last year (January 2008 – December 2008).

2. Information available at Météo-France

TEMP-SHIP messages are received at LFPW (Toulouse) from EGRR (Exeter), EDZW (Offenbach) and Email.

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	

3. List of call signs available

Country	Call sign	Country	Call sign
Denmark	ASDK01	Japan	JCCX
	ASDK02		JGQH
	OXGN2		JIVB
E-ASAP	ASEU01		JDWX
	ASEU02		JNSR
	ASEU03	Norway	LDWR
	ASEU04	South Africa	ZSAF
	ASEU05	Spain	ASES01
France	ASFR1	United Kingdom	ASGB01
	ASFR2	USA	WTEC
Germany	ASDE01	Iceland	ASIS01
	ASDE02	Australia	3FPI7
	ASDE03		
	ASDE04	Test	SHIP
	DBLK		ASDE09

4. Origin of the messages

Call sign	Offenbach	Exeter	Telex	Email	Mariner	Supervis	X25
ASEU01	797	0	0	0	0	0	0
ASEU02	518	0	0	0	0	0	0
ASEU03	429	0	0	0	0	0	0
ASEU04	778	0	0	0	0	0	0
ASEU05	927	0	0	0	0	0	0
ASDE01	1055	0	0	0	0	0	0
ASDE02	929	0	0	0	0	0	0
ASDE03	1032	0	0	0	0	0	0
ASDE04	1044	0	0	0	0	0	0
DBLK	1461	0	0	0	0	0	0
ASGB01	809	0	0	0	0	0	0
ASDK01	1057	1324	0	0	0	0	0
ASDK02	1119	0	0	0	0	0	0
ASES01	0	0	0	409	0	0	0
ASFR1	0	0	0	919	0	21	0
ASFR2	0	0	0	1082	0	1	0
LDWR	5538	0	0	0	0	0	0
JCCX	0	326	0	0	0	0	0
JGQH	0	251	0	0	0	0	0
JIVB	0	118	0	0	0	0	0
JDWX	0	69	0	0	0	0	0
JNSR	0	1562	0	0	0	0	0
ZSAF	0	0	0	215	0	2	0
WTEC	0	34	0	0	0	0	0
Test							
ASDE09	174	0	0	0	0	0	0
SHIP	0	38	0	0	0	0	0
Wrong or strange call sign							
ARGU	0	13	0	0	0	0	0
ASDEU03	8	0	0	0	0	0	0
ASEU09	4	0	0	0	0	0	0
BRK	0	4	0	0	0	0	0
KNORR	0	26	0	0	0	1	0
NORR	0	2	0	0	0	0	0
OFF	6	0	0	0	0	0	0
TTDD	0	1	0	0	0	0	0
UUAAASES01	0	0	0	0	0	0	1
XXXXX	915	2944	0	137	0	2	0
numer.	86	12	0	31	0	1	0

Mariner: French navy military sounding
 Supervis: handled by operator

5. Global system performance

Month	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
2008-Jan	Offenbach	1955	4	0,2		
	Exeter	651	0	0		
	Telex	0	not relevant	not relevant		
	Email	250	not relevant	not relevant		
	Mariner	0	not relevant	not relevant		
	X25	0	not relevant	not relevant		
	Supervis	2	0	0		
	Total	2606	4	0,15	2	0,08
2008-Feb	Offenbach	1374	0	0		
	Exeter	476	0	0		
	Telex	0	not relevant	not relevant		
	Email	142	not relevant	not relevant		
	Mariner	0	not relevant	not relevant		
	X25	0	not relevant	not relevant		
	Supervis	0	0	not relevant		
	Total	1850	0	0	0	0
2008-Mar	Offenbach	1639	0	0		
	Exeter	374	0	0		
	Telex	0	not relevant	not relevant		
	Email	260	not relevant	not relevant		
	Mariner	0	not relevant	not relevant		
	X25	0	not relevant	not relevant		
	Supervis	0	0	not relevant		
	Total	2013	0	0	0	0
2008-Apr	Offenbach	1658	4	0,24		
	Exeter	387	1	0,26		
	Telex	0	not relevant	not relevant		
	Email	237	not relevant	not relevant		
	Mariner	0	not relevant	not relevant		
	X25	0	not relevant	not relevant		
	Supervis	1	0	0		
	Total	2045	5	0,24	1	0,05
2008-May	Offenbach	1744	0	0		
	Exeter	440	0	0		
	Telex	0	not relevant	not relevant		
	Email	219	not relevant	not relevant		
	Mariner	0	not relevant	not relevant		
	X25	0	not relevant	not relevant		
	Supervis	9	9	100		
	Total	2184	0	0	9	0,41
2008-Jun	Offenbach	1574	0	0		
	Exeter	1181	0	0		
	Telex	0	not relevant	not relevant		
	Email	237	not relevant	not relevant		
	Mariner	0	not relevant	not relevant		
	X25	0	not relevant	not relevant		
	Supervis	0	0	not relevant		
	Total	2755	0	0	0	0

2008-Jul	Offenbach	1617	2	0,12		
	Exeter	587	0	0		
	Telex	0	not relevant	not relevant		
	Email	256	not relevant	not relevant		
	Mariner	0	not relevant	not relevant		
	X25	1	not relevant	not relevant		
	Supervis	1	0	0		
	Total	2204	2	0,09	1	0,05
2008-Aug	Offenbach	1668	0	0		
	Exeter	553	0	0		
	Telex	0	not relevant	not relevant		
	Email	273	not relevant	not relevant		
	Mariner	0	not relevant	not relevant		
	X25	0	not relevant	not relevant		
	Supervis	8	3	37,5		
	Total	2221	0	0	8	0,36
2008-Sep	Offenbach	1455	0	0		
	Exeter	781	0	0		
	Telex	0	not relevant	not relevant		
	Email	228	not relevant	not relevant		
	Mariner	0	not relevant	not relevant		
	X25	0	not relevant	not relevant		
	Supervis	0	0	not relevant		
	Total	2236	0	0	0	0
2008-Oct	Offenbach	1214	0	0		
	Exeter	455	41	9,01		
	Telex	0	not relevant	not relevant		
	Email	204	not relevant	not relevant		
	Mariner	0	not relevant	not relevant		
	X25	0	not relevant	not relevant		
	Supervis	3	0	0		
	Total	1669	41	2,46	3	0,18
2008-Nov	Offenbach	1266	0	0		
	Exeter	473	7	1,48		
	Telex	0	not relevant	not relevant		
	Email	276	not relevant	not relevant		
	Mariner	0	not relevant	not relevant		
	X25	0	not relevant	not relevant		
	Supervis	0	0	not relevant		
	Total	1739	7	0,4	0	0
2008-Dec	Offenbach	1522	0	0		
	Exeter	366	0	0		
	Telex	0	not relevant	not relevant		
	Email	211	not relevant	not relevant		
	Mariner	0	not relevant	not relevant		
	X25	0	not relevant	not relevant		
	Supervis	4	0	0		
	Total	1888	0	0	4	0,21

Total	Offenbach	18686	10	0,05		
	Exeter	6724	49	0,73		
	Telex	0	0	not relevant		
	Email	2793	2793	100		
	Mariner	0	not relevant	not relevant		
	X25	1	not relevant	not relevant		
	Supervis	28	12	42,86		
	Total	28232	59	0,23	28	0,11

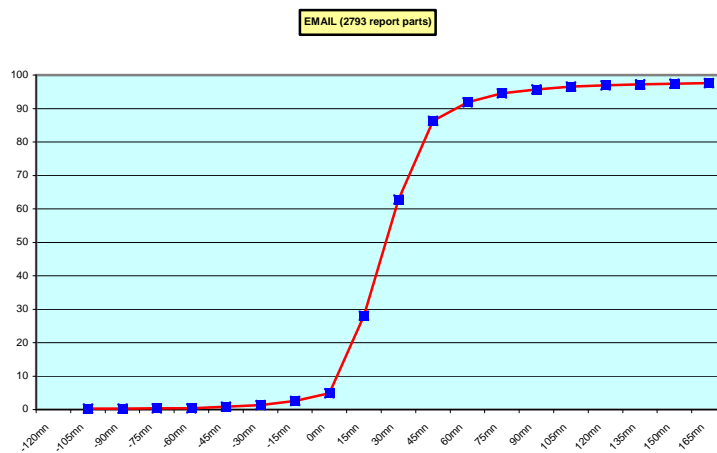
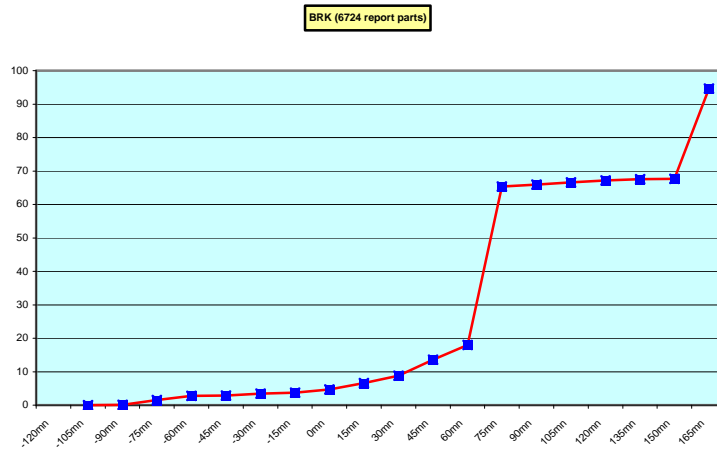
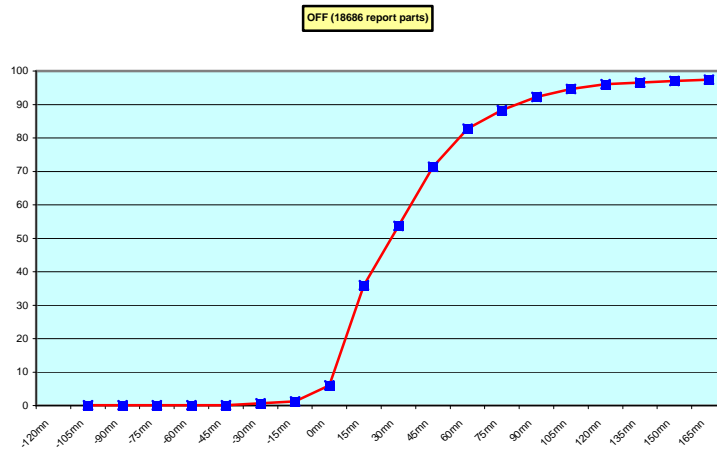
Remark: Email messages were excluded from the number of messages in error and from the relative percentage as values are regarded as not relevant. Not relevant percentages are due to not relevant values or to a total amount of data equal to zero.

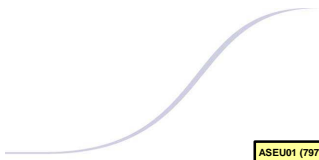
6. Global result of the syntactic check for the messages for each call sign.

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
ASEU01	797	0	0	0	0
ASEU02	518	0	0	0	0
ASEU03	429	0	0	0	0
ASEU04	778	0	0	0	0
ASEU05	927	0	0	0	0
ASDE01	1055	0	0	0	0
ASDE02	929	4	0,43	0	0
ASDE03	1032	0	0	0	0
ASDE04	1044	0	0	0	0
DBLK	1461	0	0	0	0
ASGB01	809	0	0	0	0
ASDK01	2381	0	0	0	0
ASDK02	1119	0	0	0	0
ASES01	409	0	0	0	0
ASFR1	940	10	1,06	21	2,23
ASFR2	1083	0	0	1	0,09
LDWR	5538	0	0	0	0
JCCX	326	0	0	0	0
JGQH	251	0	0	0	0
JIVB	118	0	0	0	0
JDWX	69	0	0	0	0
JNSR	1562	0	0	0	0
ZSAF	217	0	0	2	0,92
WTEC	34	14	41,18	0	0
Test					
ASDE09	174	4	2,3	0	0
SHIP	38	0	0	0	0
Wrong or strange call sign					
ARGU	13	0	0	0	0
ASDEU03	8	0	0	0	0
ASEU09	4	0	0	0	0
BRK	4	0	0	0	0
KNORR	27	26	96,3	1	3,7
NORR	2	2	100	0	0
OFF	6	0	0	0	0
TTDD	1	1	100	0	0
UUAASES01	1	0	0	0	0
XXXXX	3998	10	0,25	2	0,05
numer.	130	0	0	1	0,77

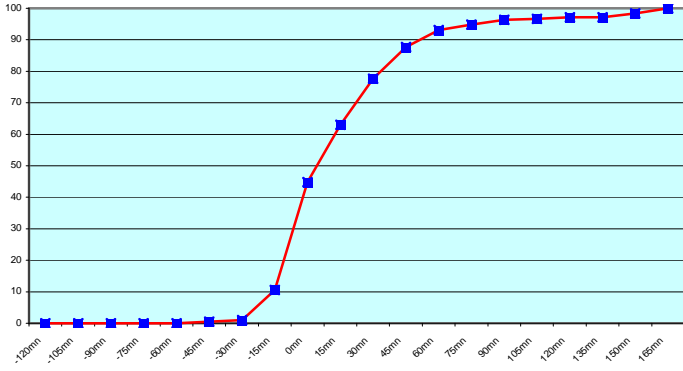
Remark: Data transmitted through email displayed an error rate close to 100% due to email syntax and were thus regarded as not relevant and excluded from errors total amount.

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

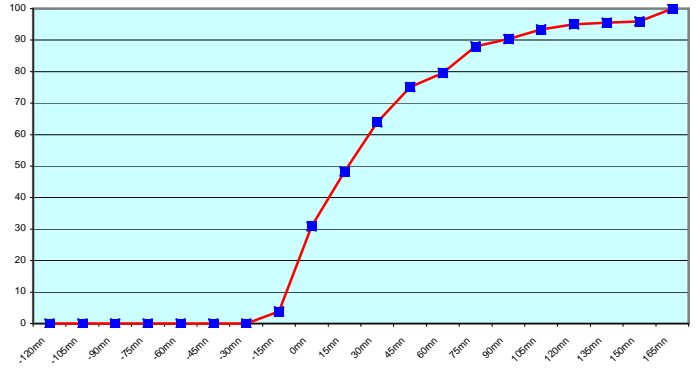




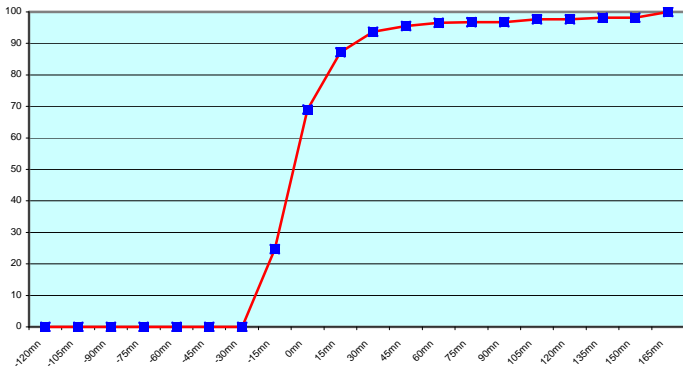
ASEU01 (797 report parts) Offenbach 797



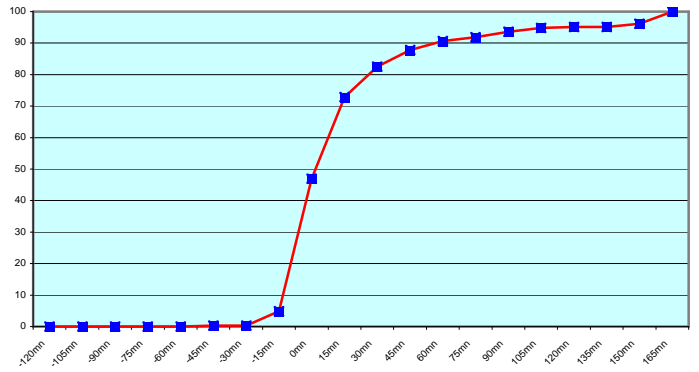
ASEU02 (518 report parts) Offenbach 518



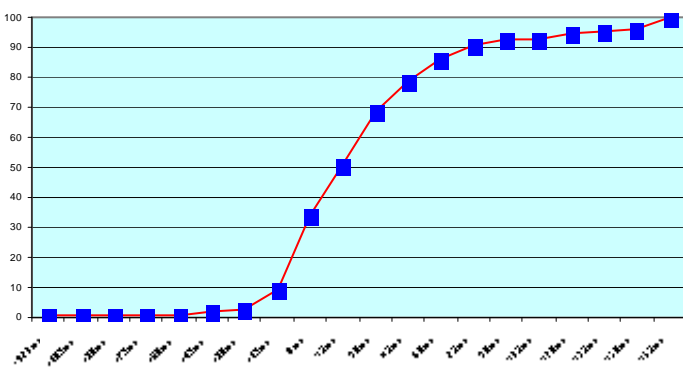
ASEU03 (429 report parts) Offenbach 429



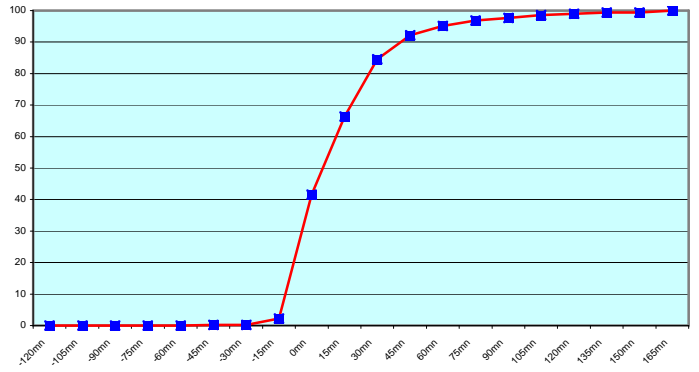
ASEU04 (778 report parts) Offenbach 778



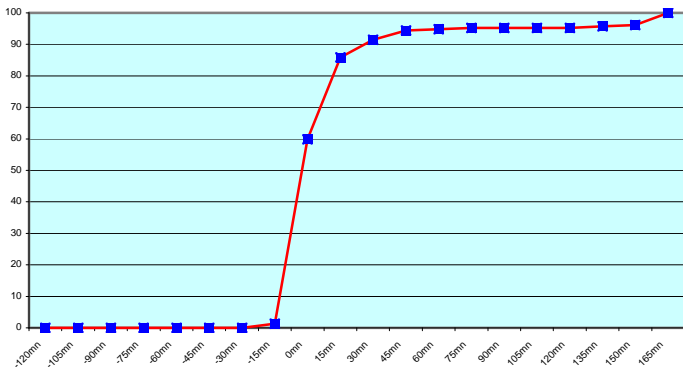
ASEU05 (927 report parts) Offenbach 927



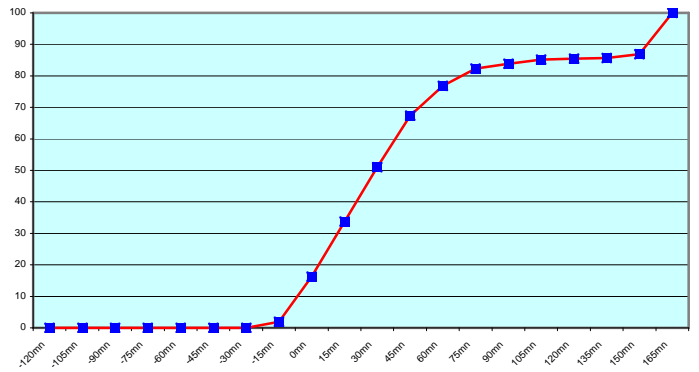
ASDE01 (1055 report parts) Offenbach 1055

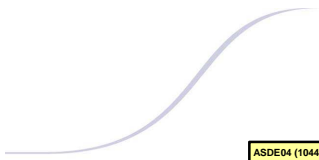


ASDE02 (929 report parts) Offenbach 929

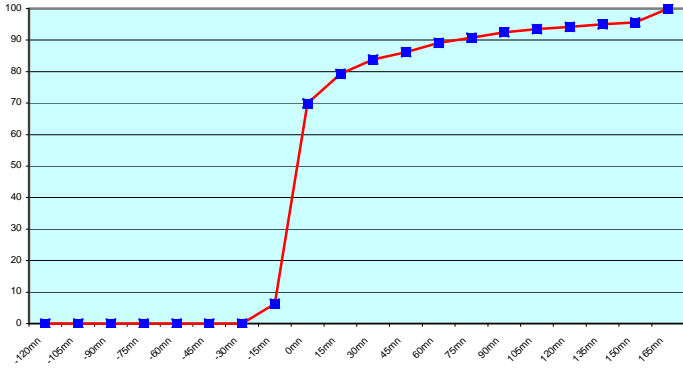


ASDE03 (1032 report parts) Offenbach 1032

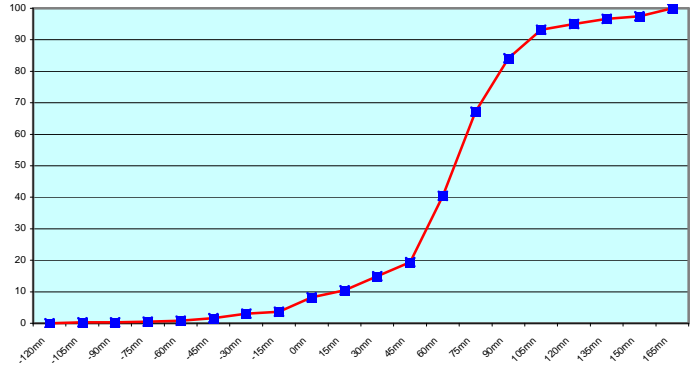




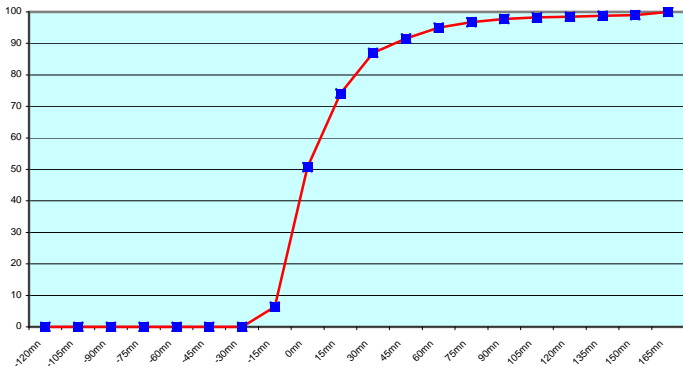
ASDE04 (1044 report parts) Offenbach 1044



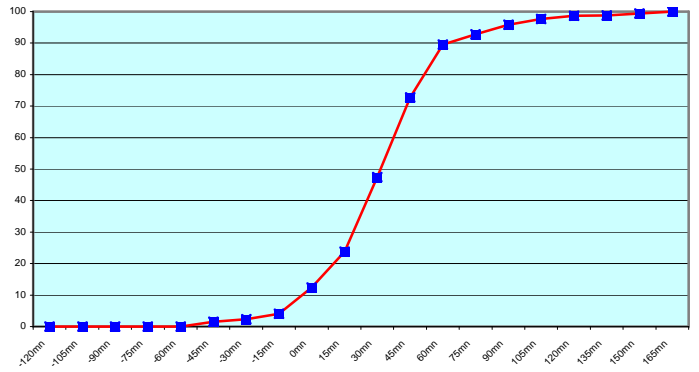
DBLK (1461 report parts) Offenbach 1461



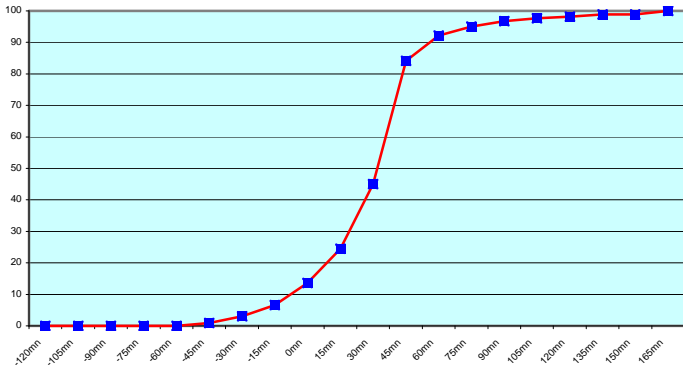
ASGB01 (809 report parts) Offenbach 809



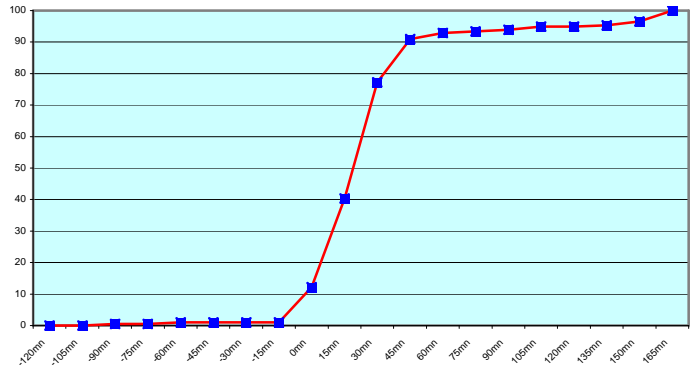
ASDK01 (2381 report parts) Offenbach 1057 Exeter 1324



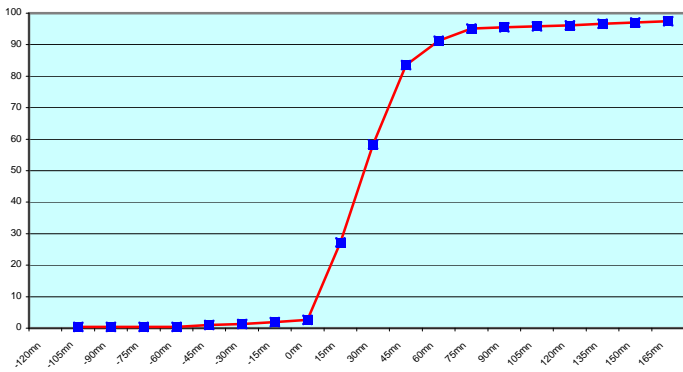
ASDK02 (1119 report parts) Offenbach 1119



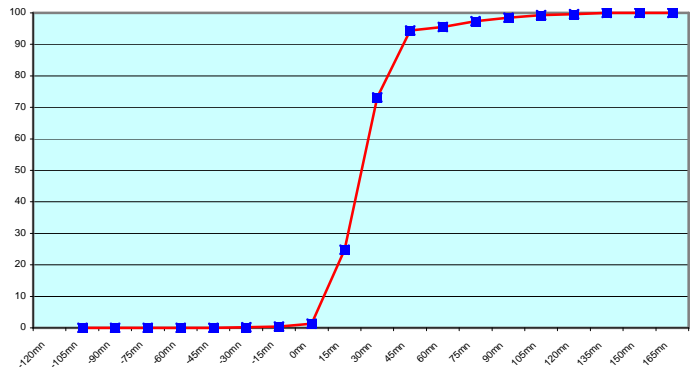
ASES01 (409 report parts) Email 409

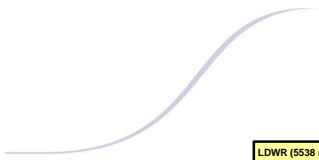


ASFR1 (940 report parts) Email 919 with supervision 21

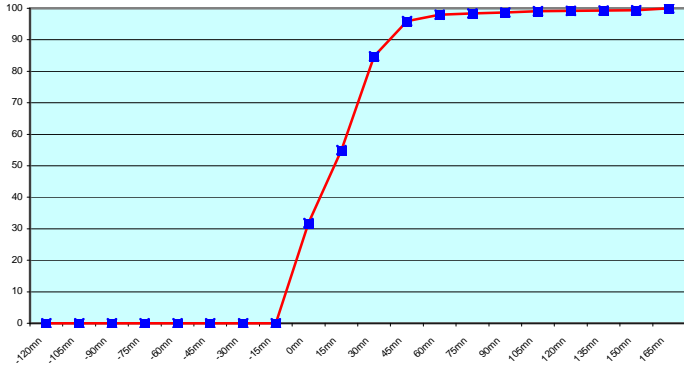


ASFR2 (1083 report parts) Email 1082 with supervision 1

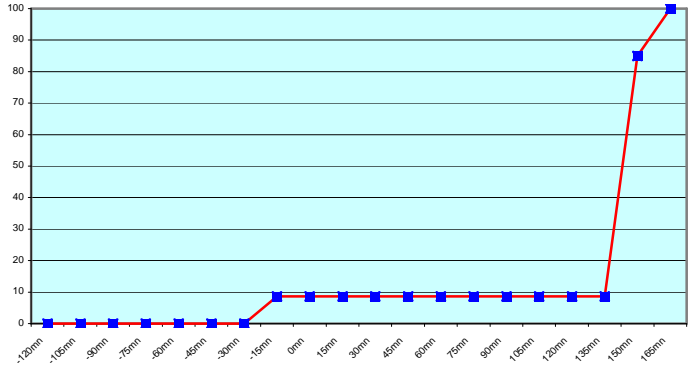




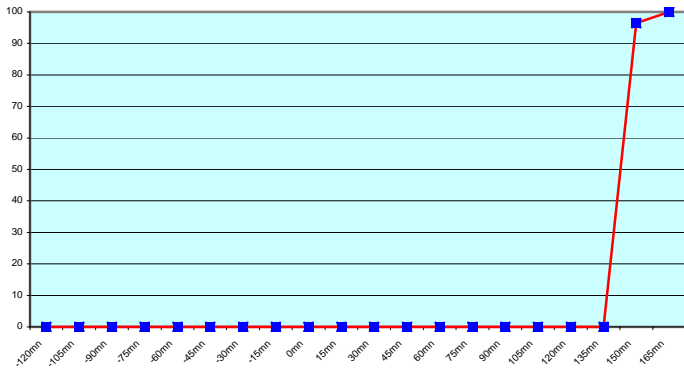
LDWR (5538 report parts) Offenbach 5538



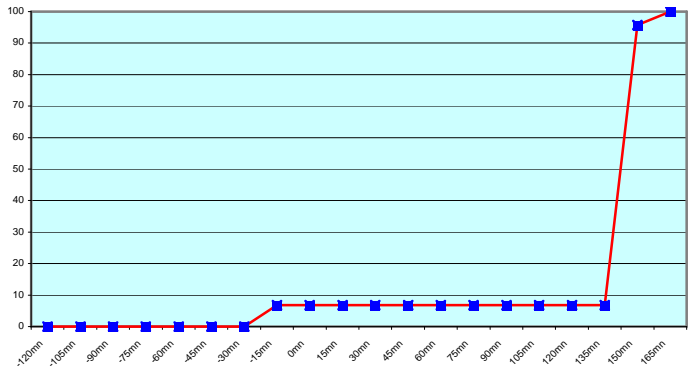
JCCX (326 report parts) Exeter 326



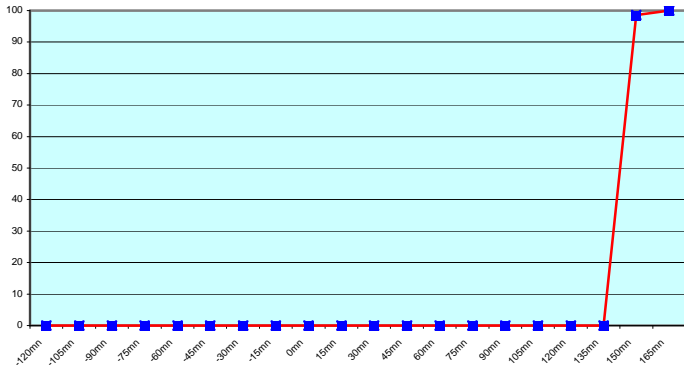
JGQH (251 report parts) Exeter 251



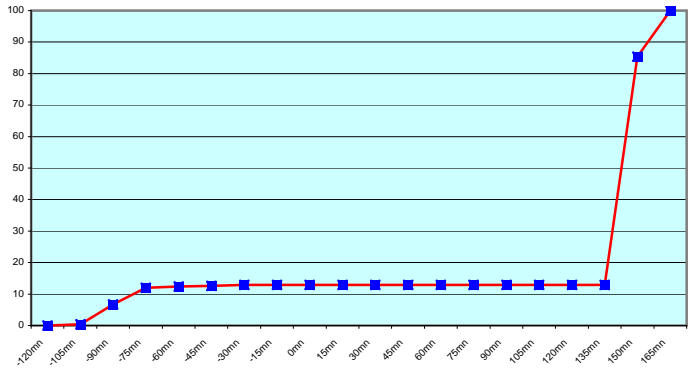
JVB (118 report parts) Exeter 118



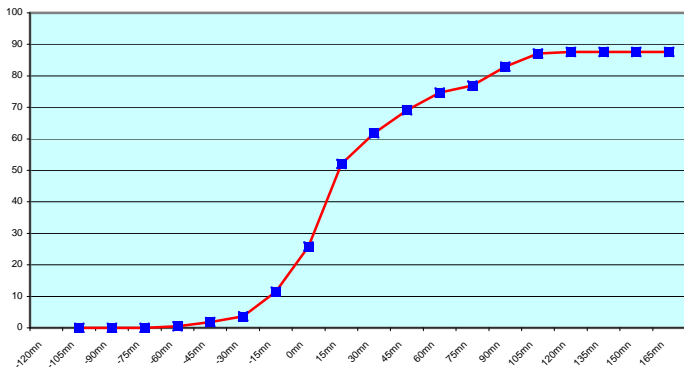
JDWX (69 report parts) Exeter 69



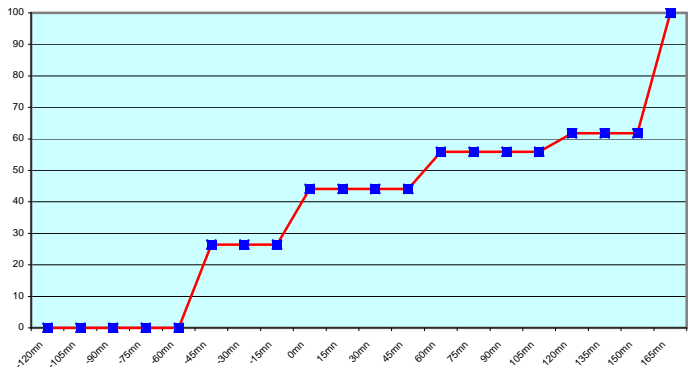
JNSR (1562 report parts) Exeter 1562

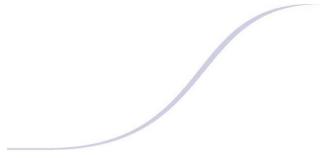


ZSAF (217 report parts) Email 215 with supervision 2



WTEC (34 report parts) Exeter 34





During 2008, Météo-France Toulouse received 7058 upper air message (TEMP) from ships and platform. This number of messages is similar to 2007's one.
The reports were received from 26 different call signs; two of them were test call signs.
The quality of the ASAP reports was generally of a high standard, with only a small percentage of erroneous data.
A few corrupted call signs can be seen from time to time but with a frequency much lower than in 2007.

For any comment or remark please contact Météo-France Toulouse DSO/DOA department
Gérard Rey (gerard.rey@meteo.fr)
Daniel Bouchara (daniel.bouchara@meteo.fr)
Hugues Jardat (hugues.jardat@meteo.fr)