



**Report on UK £1 counterfeit survey
Oct – Nov 2008**

Product development Engineer

22/12/08

Executive Summary

A survey of UK £1 coinage has been conducted by [REDACTED] during Oct – Nov 2008. Attached is an analysis from his findings dated 24 - 21/11/08.

The survey was conducted on 15481 coins withdrawn from Post Office/Cash centres & revealed a counterfeit rate of 2.58%. Subsequent [REDACTED] spectrometry of all the 400 coins identified confirmed them as counterfeits.

Introduction

The survey was carried out on 31 bags of UK £1 coin withdrawn from regional centres. The geographical distribution of the findings by area is shown in table 1.

A total of 400 counterfeits was identified visually by [REDACTED] & separated in 31 regional bags for further examination as detailed below.

[REDACTED] Analysis

The surface of these 400 Counterfeits were analysed by [REDACTED] spectrometry in the MRB department. The results are shown in figure 1.

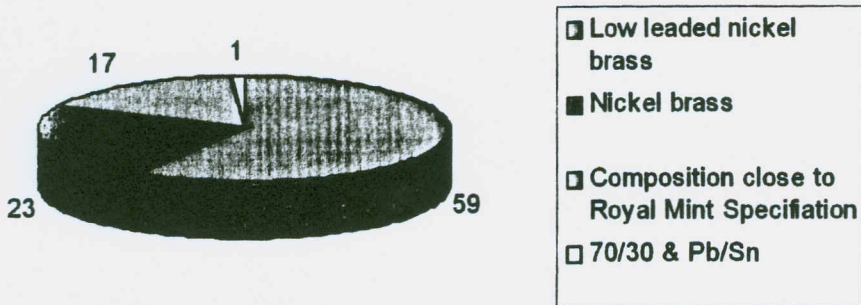
Results

This latest data is also used to update the trends as shown in figures 2 & 3 below for counterfeit surveys to date.

Table 1 on page 4 is included to show a breakdown of % counterfeits by area.

Figure 1 – Analysis of 400 counterfeits by [redacted] Analysis

Materials (%) used to manufacture counterfeit coins - Oct/Nov 2008



The 17% segment of the chart above are lead free nickel brasses which approach the casting parameters of Royal Mint material.

Figure 2 - Counterfeit survey trend analysis by material

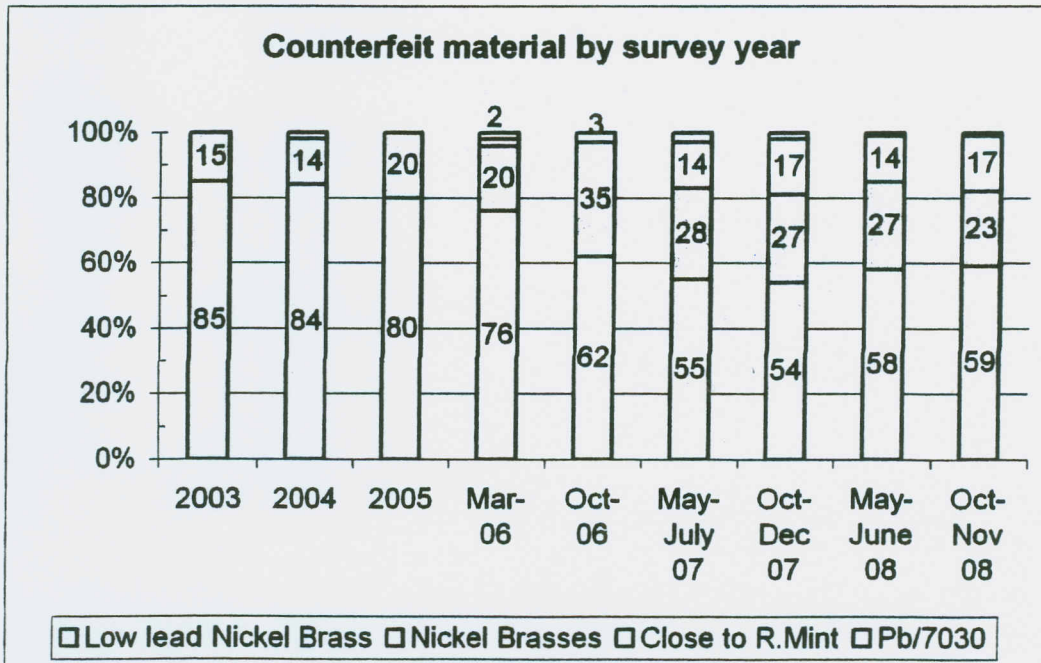


Figure 3 – UK £1 Counterfeit surveys to date

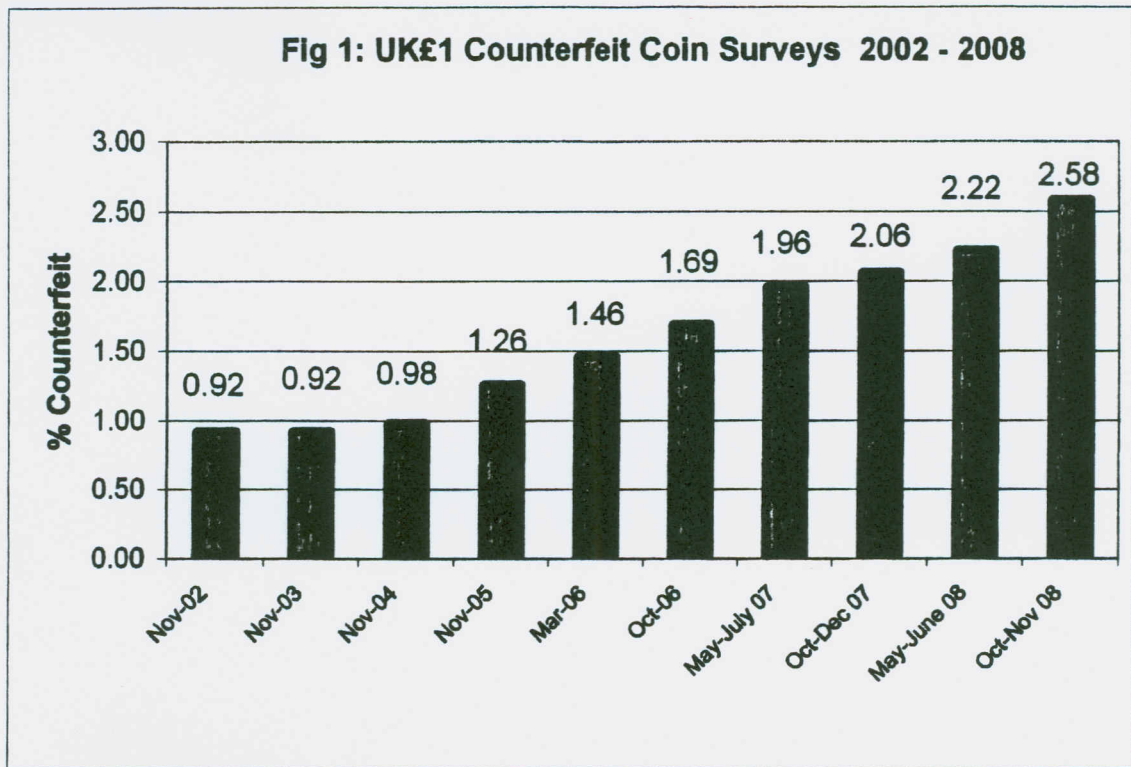


Table 1 – Counterfeit % Findings by area

Area	Number of Counterfeit	UK Circulation standard	Grand Total (includes other sterling area £1 & UK proof)	Counterfeit as % of Grand total
Wales	26	971	1000	2.60
East	39	1457	1500	2.80
Northern Ireland	18	479	500	3.60
North West	8	492	500	1.60
London & S. East	104	3384	3499	2.97
South West	41	1449	1500	2.73
East Midlands	59	1938	2001	2.95
Scotland	31	1466	1500	2.07
West Midlands	39	1931	1981	1.97
North East	35	1460	1500	2.33
TOTALS	400	15027	15481	2.58