

“Enhanced Productivity Programme : 2000-01” Booklet

Report on EPP Savings -- Hong Kong Observatory

Total value of EPP Savings: **\$3.27m**, equivalent to **1.52%** of total Recurrent Baseline Expenditure in 2000-01 which is subject to EPP. These savings have already been achieved in 1999-2000 through advance implementation of EPP.

Category	\$m	EPP Measures	Safeguards for Quality Service
DE/OC	3.00	<ul style="list-style-type: none"> • Maintain and enhance some aviation meteorological systems in-house instead of contracting them out to suppliers. Save \$3m lump sum annual maintenance fee for the Windshear Turbulence Warning System (WTWS) software. 	<p>One Senior Scientific Officer, one Scientific Officer and one Experimental Officer now carry out the maintenance work on a part-time basis. No additional manpower is required. The effort they are spending in maintaining the WTWS software is about equal to the effort they would have to spend to set up the maintenance contract, to monitor the overseas contractor's work, to extract meteorological and other data for the contractor's use, to assist the contractor in trouble-shooting the system, and to check the output of the contractor's work.</p>
	0.27	<ul style="list-style-type: none"> • Use new technology to meet operational requirements in upper-air wind measurement. <p>The Hong Kong Observatory makes daily upper air ascents at various times to measure the wind, pressure, temperature and humidity at different levels of the atmosphere.</p>	<p>The performance of the upper-air wind measurement programme will be closely monitored to ensure that there is no deterioration in the quality of data obtained.</p>

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		<p>For the 18 UTC ascent where only wind measurement is required, a “Lower Tropospheric Wind Profiler (WP)” is now used to provide the data instead of making an ascent. A programme is developed in-house to extract the required wind data from a WP which was acquired in 1996 as part of the meteorological systems serving the Hong Kong International Airport. <u>No</u> new equipment is required.</p> <p><i>Savings :</i> An annual saving of 1.2 persons at the Senior Scientific Assistant level can be achieved.</p> <p>Corresponding reduction in departmental expenses.</p> <p><i>Additional requirements :</i> Part of the savings in manpower and departmental expenses mentioned above have to be re-deployed for implementation of the following new projects with effective from 1 April 1999-</p> <ul style="list-style-type: none"> — Application of innovative information technology to weather service delivery. — UV radiation measurement and data analysis. <p>Hence the net savings are \$0.27m in departmental expenses.</p>	
Total	3.27		

Note

PE :	Personal Emoluments	i.e.	Staff salaries and allowances
PRE :	Personnel Related Expenses	i.e.	Costs related to the employment of staff other than pay and allowances e.g. pensions, staff housing
DE:	Departmental Expenses	i.e.	The day to day operating expenses of departments e.g. fuel, travelling expenses and furniture
OC:	Other Charges	i.e.	Significant expenditure peculiar to a particular department's operation