अनुदान संख्या 86 – अंतरिक्ष विभाग
GRANT No. 86–DEPARTMENT OF SPACE

		कुल अनुदान या विनियोग Total grant or appropriation	वास्तविक व्यय Actual expenditure	बचत- Saving–
				(हजार रुपयों में) (In thousands of rupees)
राजस्व:	**Revenue:**			
प्रभारित-	*Charged–*	*23,00*	*12,80*	*–10,20*
वर्ष के दौरान अभ्यर्पित राशि	*Amount surrendered during the year*			*शून्य Nil*
स्वीकृत-	Voted–	1888,23,00	1810,66,69	–77,56,31
वर्ष के दौरान अभ्यर्पित राशि	Amount surrendered during the year			74,39,00
पूंजीगत:	**Capital:**			
प्रभारित-	*Charged–*	*35,00*	*32,00*	*–3,00*
वर्ष के दौरान अभ्यर्पित राशि	*Amount surrendered during the year*			*शून्य Nil*
स्वीकृत-	Voted–	480,08,00	457,68,84	–22,39,16
वर्ष के दौरान अभ्यर्पित राशि	Amount surrendered during the year			18,80,00

›ã‡ãŠã ,ãã À ã›¹¹ãã¥ã¾ãã

1. ,ã¶ãªã¶ã ‡ãŠ Àã•ãÔÌã ¼ãã Øã ‡ãŠ ¹ã¼ãã ãÀ¦ã ,ãÍã ½ã, *6.00 Êãã Œã Á.* ‡ãŠã ã/ãã¶ã¾ãã Øã ªã Íãã Óãã ‡ãŠ ,ã¦ãØã¦ã ¹ã¥ã¦ã¾ãã ,ã¹ã¾ã‡ã¦ã ÀÖãý

2. ,ã¶ãªã¶ã ‡ãŠ Àã•ãÔÌã ¼ãã Øã ‡ãŠ ÔÌãã‡ãŠ¦ã ,ãÍã ½ã, ºãÞã¦ã/ ,ãã£ã‡ãŠ Ì¾ã¾ã ã¶ã½¶ãã Êãã Œã¦ã ½ã Œ¾ã Íãã Óãã ‡ãŠ ,ã¦ãØã¦ã Ö ƒ/Ö ,ãã:-

Notes and comments

1. In the *charged* portion of the revenue section of the grant, *appropriation* of *Rs.6.00 lakhs* remained wholly unutilised under two heads.

2. In the voted portion of the revenue section of the grant, savings/excess occurred under the following major heads:-

(लाख रुपयों में)
(In lakhs of rupees)

शीर्ष	Head				
मुख्य शीर्ष "3252"	Major Head "3252"				
„¹ãØãÖ ¹ã¥ãã Êãã	Satellite Systems				
मू.	O.	44983.00	43427.00	43403.98	–23.02
पु.	R.	–1556.00			

शीर्ष	Head		कुल अनुदान Total grant	वास्तविक व्यय Actual expenditure	बचत- Saving–
					(लाख रुपयों में) (In lakhs of rupees)
मुख्य शीर्ष "3402'' ,ãĮããÀàã ,ã¶ãÔã£ãã¶ã	Major Head "3402" Space Research				
मू.	O.	143423.00	137562.00	137269.53	–292.47
पु.	R.	–5861.00			

(I) 3000.00 ÊããŒã Á. ‡ãÅã ¹ããÌã£ãã¶ã ½ãŒÝ¾ã Íããóãä "3402'' ‡ãŠ ,ãįãØãįã ã¶ãä½¶ããÊããŒãįã Íããóãä ‡ãŠ ,ãįãØãįã ªãä ½ããä½ãÊãã ½ãä ¹ã¥ãįã¾ãã ,ã¹ã¾ãã‡ãįã ÀÖã:-

(‡ãÅã) '',ãįããÀàã ¹ããä²ããäãØã‡ãÅãä - ,ããƒ,ããÀ†Ôã - II ºãã/Ôãã (,ããÍã¶ãÔãä>-2/ãÀÔããÔãÔãä>-2)'' - 2000.00 ÊããŒã Á.ý

(Œãã) '',ãįããÀàã ãÌã&ãã¶ã - †Ô>ãÔãä>'' - 1000.00 ÊããŒã Á.ý

„¹ã¾ãä‡ãįã ªãä Íããóãä ‡ãŠ ,ãįãØãįã ¹ããÌã£ãã¶ã ¹ããÀ¾ããä•ã¶ãã ,ãä ‡ãÅãä ,ã¶ãä½ãäªã¶ã ¹ãã¹ãį ¶ã Öã¶ãä ‡ãŠ ‡ãÅãÀ¥ã ,ã¹ã¾ãã‡ãįã ÀÖã ý

(II) ½ãŒÝ¾ã Íããóãä "3252'' - "¹ãÞãÊã¶ã ,ããÀ ,ã¶ãÀàã¥ã'' ‡ãŠ ,ãįãØãįã ºãÞãįãä ã¶ãä½¶ããÊããŒãįã Íããóãä ‡ãŠ ,ãįãØãįã Öƒ:-

(‡ãÅã) "ƒ¶Ôãä>-3 „¹ãØãÖ'' - 1201.93 ÊããŒã Á. ‡ãÅã ºãÞãįã (15005.00 ÊããŒã Á. ‡ãŠ ÔÌãã‡ãŠįã ¹ããÌã£ãã¶ã ‡ãÅã ¦ãÊã¶ãã ½ãä) ÔããÌãªã ‡ãŠ ,ã¶ãÔããÀ ÔãÔãÞã‡ãÅã, ¹ã‡ãÅãÍã ãä¾ã Ôãã½ãØãã ,ãããª •ãÔãä ƒ¶Ôãä>-3ƒ ÔãÜã>‡ãÅã ‡ãÅã ,ããã£ãã¹ããä¹ãįã ¹ãÀ Öã¶ã ÌããÊã Ì¾ã¾ã ‡ãÅã ÞãÀ¥ãºã® ã‡ãŠ† •ãã¶ã ‡ãÅã Ìã•ãÖ Ôã निधियों की ‡ãÅ¾ã ,ãÌãÍ¾ã‡ãŠįãã Öã¶ã ‡ãŠ ‡ãÅãÀ¥ã Öƒý

(Œãã) "ƒ¶Ôãä>-3 ¹ããàã¹ã¥ã ÔãÌããä†'' - 3431.10 ÊããŒã Á. ‡ãÅã ºãÞãįã (10000.00 ÊããŒã Á. ‡ãŠ ÔÌãã‡ãŠįã ¹ããÌã£ãã¶ã ‡ãÅã ¦ãÊã¶ãã ½ãä) Öƒ; ,ããÀ

(Øãã) "ƒ¶Ôãä>-4 ¹ããàã¹ã¥ã ÔãÌããä†'' - 997.18 ÊããŒã Á. ‡ãÅã ºãÞãįã (3500.00 ÊããŒã Á. ‡ãŠ ÔÌãã‡ãŠįã ¹ããÌã£ãã¶ã ‡ãÅã ¦ãÊã¶ãã ½ãä) Öƒý

„¹ã¾ãä‡ãįã ªãä Íããóãä ‡ãŠ ,ãįãØãįã ºãÞãįãä ƒ¶Ôãä>-3ƒ ºãã½ãã ,ããÀ ÌããÔ¦ããÌã‡ãŠįãã ‡ãŠ ,ãã£ããÀ ¹ãÀ ƒ¶Ôãä>-4†/4ºãã ¹ããàã¹ã¥ã ÔãÌãã

(I) Provision of Rs.3000.00 lakhs remained wholly unutilised in two cases under Major Head "3402" - under the following heads:-

(A) "Space Technology –IRS-II B/C (Oceansat-2/Resourcesat-2)" – Rs.2000.00 lakhs.

(B) "Space sciences - ASTROSAT" - Rs.1000.00 lakhs.

Provisions under the above two heads remained unutilised due to non-receipt of approval of the projects.

(II) Under Major Head "3252" – "Operations and Maintenance" - savings occurred under the following heads:-

(A) "INSAT-3 Satellites"– saving of Rs.1201.93 lakhs (against the sanctioned provision of Rs.15005.00 lakhs) was due to less requirement of funds on account of phasing of expenditure on procurement of INSAT-3E components like detectors, optical materials etc as per the contract.

(B) "INSAT-3 Launch Services"- saving of Rs.3431.10 lakhs (against the sanctioned provision of Rs.10000.00 lakhs); and

(C) "INSAT – 4 Launch Services" – saving of Rs.997.18 lakhs (against the sanctioned provision of Rs.3500.00 lakhs).

Savings under the above two heads were due to less cash flow towards INSAT-3E insurance

¾åŠã¼å‡åŠ ,ãªã¾ãàØã¾ãäï ‡åŠ ãïÊã† ‡åŠ½å ¶ã‡åŠªãï ¹ãÌãäÖ Öã¶ãï ‡åŠ ‡åŠàÀ¥å Ö‹ƒ‹ ý

(III) ½ãŒ¾å Íãäóãï ''3402'' ‡åŠ ,ã¦ãØã¦å ºãÞã¦ãï ã¶ã¾¶ãäÊãäŒã¦å Íãäóãäï ‡åŠ ,ã¦ãØã¦å Ö‹ƒ‹ :-

(‡åŠã) '',ã¦ãäÀàå ¹ãä²ãäãØã‡åŠã'' -

(‡åŠ) ''•ãä†Ôã†ÊãÌãä–½ãä‡åŠ-III ãÌã‡åŠàÔã'' - 500.00 ÊãäŒå Á. ‡åŠãï ºãÞã¦ã (6627.00 ÊãäŒã Á. ‡åŠ ÔÌãä‡åŠ¦ã ¹ãäÌã£ãä¶ã ‡åŠãï ¦ãÊã¶ãä ½ãï) ãÌã¹ªÍã Ôã ½ãØãä† •ãä¶ãï ÌãäÊãï †ÊãäÀ½ãä¶ã¶ãäÀ¾ã ãÀÑ&£ãä¦ã 2219 ãÀØãäï ‡åŠã Ôã¹ãªØãäï ‡åŠã¾¾åŠ½ã ,ãäØãï º¤ã‡åŠÀ ,ã¹ãïÊã, 2004 ‡åŠÀ ãª† •ãä¶ãï ‡åŠãï Ìã•ãÖ Ôãï निधियों की ‡åŠ½ã ,ãäÌãÍ¾ã‡åŠ¦ãä Öã¶ãï ‡åŠ ‡åŠàÀ¥ã Ö‹ƒý

(Œã) ''ƒÔãÀãï „¹ãØãÖ ‡åŠ³'' - 2513.31 ÊãäŒã Á. ‡åŠãï ºãÞã¦ã (9109.00 ÊãäŒã Á. ‡åŠ ÔÌãäã‡åŠ¦ã ¹ãäÌã£ãä¶ã ‡åŠãï ¦ãÊã¶ãäã ½ãï) Ö½ãÔãï› ‡åŠãï ¹ãàãã¹ã¥ã Ô©ãäØã¦ã ã‡åŠ† •ãä¶ãï Ôãï ‡åŠ½ã ,ãäÌãÍ¾ã‡åŠ¦ãä Öã¶ãï, ã¡•ãäƒ¶ã Ôãï Ôãºãäã£ã¦ã ½ãÿäï ‡åŠãï Ìã•ãÖ Ôãï ºãÔã ¹ãºãã£ã¶ã ƒ‡åŠãƒ ‡åŠ ãïÊã† ††Ôã, ãäƒÔãäï ‡åŠ „¹ãÊãºã£ ¶ã Öã¶ãï ,ãäãÀ ¦ã‡åŠ¶ãäã‡åŠãï Ôã½ãäàäãï ‡åŠ ,ãäã£ãäÀ ¹ãä²ãäãØã‡åŠãï ãÌã‡åŠãÔã/¹ãªÍã¶ã ‡åŠã¾¾åŠ½ãäï ,ãäïÀ „¸ã¦ã ¹ãä²ãäãØã‡åŠãï †Ìãï ¹ãäÀ½ãäï•ã¶ãä–¹ãÌãï ‡åŠã¾¾åŠ½ãäï ,ãäã£ãä¹ãäï¹¦ã Ôãïüã›‡åŠã/„¹ãÔ‡åŠÀãï ‡åŠãï ,ãäã£ã¹ãäã²¦ã Ô©ãäØã¦ã ã‡åŠ† •ãä¶ãï ‡åŠ ‡åŠàÀ¥ã Ö‹ƒý

(Øã) ''ãÌãã²ã¦ã ¹ã‡åŠãäÍã‡åŠãï ¹ã¥ãäãÊã¾ãäï ‡åŠ ãïÊã† ¹ã¾ãäØãÍãäÊãä'' - 141.02 ÊãäŒã Á. ‡åŠãï ºãÞã¦ã (917.00 ÊãäŒã Á. ‡åŠ ÔÌãäã‡åŠ¦ã ¹ãäÌã£ãä¶ã ‡åŠãï ¦ãÊã¶ãäã ½ãï) ¹ãäã²ãäãØã‡åŠãï ãÌã‡åŠãÔã ‡åŠãã¾ãäŒåŠ½ãäï ,ãäïÀ Ôãäãïã£ãäï ‡åŠ ãïÊã† „¹âÔ‡åŠÀ, ÔãïÜã›‡åŠ , ãäïÀ Ôãäã½ãØãäï ‡åŠãï ,ãäã£ã¹ãäãï¹¦ã Ô©ãäØã¦ã ã‡åŠ† •ãä¶ãï ‡åŠ ¹ãäÀ¥ãäã½ãÔÌã Â¹ã ,ãäÌãÍ¾ã‡åŠ¦ãä ½ãï ‡åŠ½ãäï ,ãä¶ãï ‡åŠ ‡åŠàÀ¥ã Ö‹ƒý

(Üã) ''•ãäã.Ôãï› -3 (†•ãÔãï›)'' - 5203.45 ÊãäŒã Á. ‡åŠãï ºãÞã¦ã (7400.00 ÊãäŒã Á. ‡åŠ ÔÌãäã‡åŠ¦ã ¹ãäÌã£ãä¶ã ‡åŠãï ¦ãÊã¶ãäã ½ãï) ,ã¦ãäïÀàãã¾ãäã¶ã ¹ãÀãàãã¥ã Ì¾ãã¾ã, ¹ãàãã¹ã¥ã ,ãäã¾ãã¾ãäã¶ã Ì¾ãã¾ã, ¹ãàãã¹ã¥ã ¹ãÍÞãä¦ã Ôã½ãäÀ Ôã½¹ã‡åŠ ¹ã¾ãäÀ Ô©ãäØã¦ã ã‡åŠ† •ãä¶ãï ‡åŠ ‡åŠàÀ¥ã Ö‹ƒ‹ ‡ã¾ãäãã‡åŠ •ãä.Ôãï›-3 „¹ãØãÖ ÌãÔãï 2004-2005 ‡åŠ ãïÊã† Ô©ãäØã¦ã ‡åŠÀ ãª¾ãä Øã¾ãä ©ãä ,ãäïÀ Ôãäã©ã Öãï, ‡åŠœ ,ãã¾ãäã¦ã¦ã Ôãïüã›‡åŠã ,ãäïÀ Ôãäã½ãäØã¾ãäï ‡åŠãï Ôãï¹ãªØãäï ½ãï ½ãäã½ãïÊãäï Þã‡åŠ Öã¶ãï ‡åŠ ‡åŠàÀ¥ã Ö‹ƒý

(Ý) '',ã¦ãäïÀàãå ‡åŠ¹ÔãïÊã ãÀ‡åŠÌãÀãï ¹ã¾ãäØã'' - 1870.01 ÊãäŒã Á. ‡åŠãï ºãÞã¦ã (3143.00 ÊãäŒã Á. ‡åŠ ÔÌãäã‡åŠ¦ã ¹ãäÌã£ãä¶ã

and INSAT-4A/4B Launch Services milestone payments based on actual.

(III) Under Major Head "3402" – savings occurred under the following heads:-

(A) "Space Technology" –

(a) "GSLV-MK-III Development" – saving of Rs.500.00 lakhs (against the sanctioned provision of Rs.6627.00 lakhs) was due to less requirement of funds on account of slippage in the delivery schedule of Aluminium Alloy 2219 Rings from abroad to April 2004.

(b) "ISRO Satellite Centre (ISAC)" - saving of Rs.2513.31 lakhs (against the sanctioned provision of Rs.9109.00 lakhs) was due to reduced requirement on account of postponement of launch of HAMSAT, non-realisation of ASIC for Bus Management Unit (BMU) owing to design-related issues and postponement of procurement of components/equipments under the Technology Development/ Demonstration Programmes and Advanced Technology and Pre-project activities based on technical review.

(c) "Laboratory for Electro-Optics Systems"– saving of Rs.141.02 lakhs (against the sanctioned provision of Rs.917.00 lakhs) was due to reduced requirement consequent to the postponement of the procurement of equipment, components and materials for Technology Development Programmes and Facility.

(d) "G.SAT-3 (Edusat)" – saving of Rs.5203.45 lakhs (against the sanctioned provision of Rs. 7400.00 lakhs) was due to postponement of spacecraft testing expenses, launch campaign expenses, post-launch communication link charges as the launch of G.SAT-3 satellite was postponed to 2004-2005 and also due to marginal slippage in the delivery of certain imported components and materials.

(e) "Space Capsule Recovery Experiment" – saving of Rs.1870.01 lakhs (against the sanctioned provision of Rs.3143.00 lakhs)

‡ãŠã ¦ãÊâ¶ãã ½ã) Ô‡ãŠ£ã ÔãÀØã ¹ãÀãàâ¥ã ‡ãŠ ¹ãÀã ¶ã Öã¶ãï ‡ãŠã Ìã•ãÖ Ôãï ¶ã‡ãŠªã ¹ãÌããÖ ½ã ‡ãŠ½ãã ,ãã¶ãï ,ããÀ ¦ãã¹ãã¾â Ôãã¾âØãã, ¤ãÞãâØã¦ã Ôãã¾âØãã, †‡ãŠã‡ãŠ¦ã Ôãã¾âØãã ,ããÀ ƒÊã‡ã>ãã¶ã‡ãŠ ÔãïÜã>‡ãŠã Ôï Ôãºãã£ã¦ã ,ãªã¾ãã¾Ø¾ãã Ìãôã 2004-2005 ‡ãŠ ãïÊâ† •ã½ãã ã‡ãŠ† •ãã¶ãï ‡ãŠ ‡ãŠãÀ¥ã Öƒý

(Þã) ''ãÀÔã>-I'' - 1104.42 ÊãäŒã Á. ‡ãŠã ºãÞå¦ã (4500.00 ÊãäŒã Á. ‡ãŠ ÔÌãã‡ãŠ¦ã ¹ãã Ìã£ãã¶ã ‡ãŠã ¦ãÊâ¶ãã ½ã) „¹ãØãïÖ ‡ãŠã ÔãÀÞâ¶ãã ‡ãŠã •ãã>Êå¦ãã,ãã ‡ãŠã ªŒå¦ã Ö† „Ôã ,ãã¦ã½ã रूप ª¶ãï ½ã Ö† ãÌãÊã½ºã ‡ãŠã Ìã•ãÖ Ôã ÔãÃ½ãàØã¾ãã ,ããÀ ÔãÜã>‡ãŠã ‡ãŠã ,ãã£ã¹ãã㹦ã Ôãºã£ãã ¶ã‡ãŠªã ¹ãÌããÖ ½ã ‡ãŠ½ãã ,ãã¶ãï ‡ãŠ ‡ãŠãÀ¥ã Öƒý

(œ) ''•ãã.Ôã>-4'' - 383.98 ÊãäŒã Á. ‡ãŠã ºãÞå¦ã (2400.00 ÊãäŒã Á. ‡ãŠ ÔÌãã‡ãŠ¦ã ¹ãã Ìã£ãã¶ã ‡ãŠã ¦ãÊâ¶ãã ½ã) ÔãÜã>‡ãŠã ,ããÀ Ôãã¾ãã¾Ø¾ãã ‡ãŠã ,ãã£ã¹ãã㹦ã Ôãºã£ãã Ì¾ã¾ã ‡ãŠã Ìãôã 2004-2005 ‡ãŠ ãÊâ† •ã½ãã ã‡ãŠ† •ãã¶ãï ‡ãŠ ¹ãã À¥ãã½ãÔÌãÂ¹ã ‡ãŠ½ã ,ãã Ìã Í¾ã‡ãŠ¦ãã Öã¶ãï ‡ãŠ ‡ãŠãÀ¥ã Öƒý

(Ëãã) '',ã¦ãã Àãå ,ã¶ãï¹ã¾ãã Ø㠔'' -

(‡ãŠ) ''ãÌã‡ãŠãÔã ,ãã Íãã à ã‡ãŠ ÔãÞãã À ƒ‡ãŠãƒ'' - 482.06 ÊãäŒã Á. ‡ãŠã ºãÞå¦ã (2735.00 ÊãäŒã Á. ‡ãŠ ÔÌãã‡ãŠ¦ã ¹ãã Ìã£ãã¶ã ‡ãŠã ¦ãÊâ¶ãã ½ã) ‡ãŠã¾ãã¶Ìã¾ã¶ã ‡ãŠã ãÔ©ãã¦ã ‡ãŠ ,ãã£ãã À ¹ã À †•ãÔã> ¹ãã¾ãã㠋ã‡ãŠ ‡ãŠã¾ã‰ãŠ½ã ,ãã Ø㠔ã½ãÔã> ‡ãŠã¾ã‰ãŠ½ã ‡ãŠ ,ã¦ãØã¦ã ‡ãŠ½ã ,ãã Ìã Í¾ã‡ãŠ¦ãã Öã¶ãï ,ãã À Ôãã Ìã£ãã ,ãã ‡ãŠ ãÊâ† ,ãã¹ãã¦ã ,ãã À Ôãã½ãØãã ‡ãŠã ‡ãŠ½ã ,ãã Ìã Í¾ã‡ãŠ¦ãã Öã¶ãï ‡ãŠ ‡ãŠãÀ¥ã Öƒý

(Eå) ''aÀ Ôã Ìãªã ,ã¶ãï¹ã¾ãã Ø㠔ã½ã Íã¶ã'' - 274.68 ÊãäŒã Á. ‡ãŠã ºãÞå¦ã (800.00 ÊãäŒã Á. ‡ãŠ ÔÌãã‡ãŠ¦ã ¹ãã Ìã£ãã¶ã ‡ãŠã ¦ãÊâ¶ãã ½ã) Ôãªã À Ôã Ìãªã¶ã ,ã¶ãï¹ã¾ãã Ø㠔ã½ã Íã¶ã ‡ãŠã¾ã‰ãŠ½ã ‡ãŠã ,ãã Ìã Í¾ã‡ãŠ¦ãã ,ãã ,ãã À ¹ãã©ãã¾ã‡ãŠ¦ãã ,ãã के पुनर्निर्धारण ‡ãŠã ,ãã‡ãŠÊâ¶ã/Ôã½ãã à ã‡ãŠ† •ãã¶ãï ¹ãÀ ‡ãŠ½ã ¶ã‡ãŠªã ¹ãÌããÖ Öã¶ãï ‡ãŠ ‡ãŠãÀ¥ã Öƒý

(Øã) ''Àáó>ãã¾ã ¹ãã‡ãŠã¦ã‡ãŠ ÔãÔãã£ã¶ã ¹ãºã£ã¶ã ¹ã¥ãã Êãã'' - 1757.40 ÊãäŒã Á. ‡ãŠã ºãÞå¦ã (5480.00 ÊãäŒã Á. ‡ãŠ ÔÌãã‡ãŠ¦ã ¹ãã Ìã£ãã¶ã ‡ãŠã ¦ãÊâ¶ãã ½ã) ¹ãØãã¦ã ‡ãŠ ,ãã£ãã À ¹ãã ‡ãŠã¦ã‡ãŠ ÔãÔãã£ã¶ã Øã¥ã¶ãã ¹ãã À•¾ã ¹ãã‡ãŠã¦ã‡ãŠ ÔãÔãã£ã¶ã ¹ã¥ãã Êãã ÔãÖã¾ã¦ãã ,ãã À Àáó>ãã¾ã ¹ãã‡ãŠã¦ã‡ãŠ ÔãÔãã£ã¶ã ¹ãºã£ã¶ã ¹ã¥ãã Êãã ‡ãŠã¾ã‰ãŠ½ãã ‡ãŠ ,ã¦ãØã¦ã ‡ãŠ½ã ,ãã Ìã Í¾ã‡ãŠ¦ãã Öã¶ãï ‡ãŠ ‡ãŠãÀ¥ã Öƒý

was due to reduction of cash flow on account of non-completion of the Wing Tunnel Test and spill-over of payments related to thermal materials, structural materials, integration materials and electronic components to 2004-2005.

(f) "RISAT-1" – saving of Rs.1104.42 lakhs (against the sanctioned provision of Rs.4500.00 lakhs) was due to reduction in cash flow on materials and components procurement due to delay in finalising the configuration of the satellite in view of complexities involved.

(g) "G.SAT-4" – saving of Rs.383.98 lakhs (against the sanctioned provision of Rs.2400.00 lakhs) was due to less requirement consequent to spill-over of expenditure on procurement of components and materials to 2004-2005.

(B) "Space Applications" –

(a) "Development and Educational Communication Unit (DECU)" – saving of Rs.482.06 lakhs (against the sanctioned provision of Rs.2735.00 lakhs) was due to less requirement under Edusat Pilot Programme and GRAMSAT Programme based on the implementation status and reduced requirement for supplies and materials for the facilities.

(b) "Remote Sensing Applications Mission (RSAM)" – saving of Rs.274.68 lakhs (against the sanctioned provision of Rs.800.00 lakhs) was due to reduced cash flow on an assessment/review of the Remote Sensing Applications Mission Programme requirements and reprioritisation.

(c) "National Natural Resources Management Systems (NNRMS)" – saving of Rs.1757.40 lakhs (against the sanctioned provision of Rs.5480.00 lakhs) was due to reduced requirement consequent to phasing of expenditure related to Natural Resources (NR) Census Project based on the progress and less requirement under State Natural Resources Management System (SNRMS) support and other NNRMS programmes.

(Üä) ‘‘¹ãÌãäi§ãÀ ,ã¦ãäÀàäà ,ã¶ã²¹ã¾ãäØã ‡ãŠ³’’ - 240.00 ÊãäŒã Á. ‡ãŠã °ãÞã¦ã (500.00 ÊãäŒã Á. ‡ãŠ ÔÌãä‡ãŠ¦ã ¹ãäÌã£ãä¶ã ‡ãŠã ¦ãÊã¶ãä ½ã) ‡ãŠ¶³ ´àÀä ÔãÖã¾ã¦ãä ‡ãŠã ÌãäÔ¦ãäÌã‡ãŠ ,äàÌãÍ¾ã‡ãŠ¦ãä ‡ãŠã Ôã½ãäàäãä ‡ãŠ ,ãä£ãäÀ ¹ãÀ ‡ãŠ½ã ¶ã‡ãŠªã ¹ãÌãäÖ Öã¶ã ‡ãŠ ‡ãŠãÀ¥ã Öƒý

(Øää) ‘‘,ã¦ãäÀàäà ãÌã≈ã¶ã’’ -

(‡ãŠ) ‘‘½ãÜãä >ïãä¹ã‡ã¾ã•ã’’ - 200.15 ÊãäŒã Á. ‡ãŠã °ãÞã¦ã (520.00 ÊãäŒã Á. ‡ãŠ ÔÌãä‡ãŠ¦ã ¹ãäÌã£ãä¶ã ‡ãŠã ¦ãÊã¶ãä ½ã) ‡ãŠ½ã ,äàÌãÍ¾ã‡ãŠ¦ãä Öã¶ã ‡ãŠ ‡ãŠãÀ¥ã Öƒ ‡ã¾ãäãä‡ãŠ ¼ãäØã Êã¶ãi ÌãäÊã ,ã¶ã ,ã¦ãÀäÓ>ãä¾ã ,ãäã½ã‡ãŠÀ¥ãä ‡ãŠ Ôãä©ã °¾ãäÀÌãäÀ Ôã½ãäàäãä ‡ãŠ Êãäª㦠ÀÖ¶ãi ‡ãŠ ‡ãŠãÀ¥ã ‡ãŠã¾ã‡ãŠÊãä¹ã °ãª थे ।

(Œå) ‘‘Ôãi Ìãª‡ãŠ ãiÌã‡ãŠãÔã’’ - 1647.77 ÊãäŒã Á. ‡ãŠã °ãÞã¦ã (2815.00 ÊãäŒã Á. ‡ãŠ ÔÌãä‡ãŠ¦ã ¹ãäÌã£ãä¶ã ‡ãŠã ¦ãÊã¶ãä ½ã) ãiÌã‡ãŠãÔã ‡ãŠã ãÔ©ãä¦ã ‡ãŠã Ôã½ãäàäãä ‡ãŠ ,ãä£ãäÀ ¹ãÀ †Ô>ïãÔã› ¹ãÊãä¡ ‡ãŠ ãiÌã‡ãŠãÔã ,ãäÀ ØãÖãi ‡ãŠ ,ã£¾ã¾ã¶ã ‡ãŠ ãiÊã† ‡ãŠ½ã ,äàÌãÍ¾ã‡ãŠ¦ãä Öã¶ã ‡ãŠ ‡ãŠãÀ¥ã Öƒý

(Üää) ‘‘,ã¶ã Ì¾ã¾ã - ãiÌãÍãÔã ÔÌãª Íãä‡ãŠÀ¥ã/,ãäØã½ã ,ãäª Íã¶ã’’- 1256.22 ÊãäŒã Á. ‡ãŠã °ãÞã¦ã (2808.00 ÊãäŒã Á. ‡ãŠ ÔÌãä‡ãŠ¦ã ¹ãäÌã£ãä¶ã ‡ãŠã ¦ãÊã¶ãä ½ã) ‰ãŠã¾ãäi ÞãÀ¥ãäi ‡ãŠ Ôã¹ã ª Øãä ‡ãŠã¾ã‰ãŠ½ã ½ã Þã‡ãŠ Öã¶ãi ,ãäÀ ƒÊã‡ã›ãä¶ã‡ãŠ „¹‡ãŠÀ¥ãäi ‡ãŠ ãiÌã‡ãŠãÔã Ôãª°£ãäi ‰ãŠã½ã‡ãŠ ,ãª¾ã¾ãØãäi Ô©ãäØã¦ã ã‡ãŠ† •ãä¶ãi ‡ãŠã Ìã•ãÖ Ôãi ‡ãŠ½ã ,äàÌãÍ¾ã‡ãŠ¦ãä Öã¶ãi ‡ãŠ ‡ãŠãÀ¥ã Öƒý

(IV) ª㠍ãäÔãäi ‡ãŠ ,ã¦ãØã¦ã 178.62 ÊãäŒã Á. ‡ãŠã °ãÞã¦ã Öƒ •ãäi ¹ã¦¾ã‡ãŠ ½ãi 50.00 ÊãäŒã Á. Ôãi ,ãäã£ã‡ãŠ ¹ãÀ¶¦ã 100.00 ÊãäŒã Á. Ôãi ‡ãŠ½ã ,äàÀ ÔÌãä‡ãŠ¦ã ¹ãäÌã£ãä¶ã ‡ãŠã 21 ,äàÀ 22 ¹ãä¦ãÍã¦ã ©ãäý

3. „¹ã¾ã‡ã¦ã °ãÞã¦ã ã¶ã½¶ãäÊãäŒã¦ã ½ãŒ¾ã Íãäÿãäi ‡ãŠ ,ã¦ãØã¦ã ,äãä£ã‡ãŠ Ì¾ã¾ã ´àÀä ,äãäiÍã‡ãŠ Â¹ã Ôãi ¹ãä¦ãÔã¦ãäiÊã¦ã Öãi Øãƒ:-

(I) ½ãŒ¾ã Íãäÿãi ‘‘3252’’ - ‘‘¹ãÞãäÊã¶ã ¦ã©ãä ÀŒã–ÀŒãäÌã’’ -

(‡ãŠã) ‘‘¹ã½ãŒã ã¶ã¾ã¨ã¥ã Ôãäi Ìã£ãä’’ - 824.03 ÊãäŒã Á. ‡ãŠã ,ãä£ã‡ãŠ Ì¾ã¾ã (1628.00 ÊãäŒã Á. ‡ãŠ ÔÌãä‡ãŠ¦ã ¹ãäÌã£ãä¶ã ‡ãŠã ¦ãÊã¶ãä ½ã) ½ãŒ¾ã Â¹ã Ôãi ‡ãŠàäãä °ãä½ãä ¹ãäãä½ã¾ã¾ã ,ãª¾ã¾ãØãäi ¹ãÀ ƒ¶Ôã›-2ƒ ‡ãŠ ãiÊã† ,ãä¦ãäÀ‡ã¦ã ,äãÌãÍ¾ã‡ãŠ¦ãä Öã¶ãi ‡ãŠ ‡ãŠãÀ¥ã Ö ,ãäý

(Œää) ‘‘ƒ¶Ôã›-4 „¹ãØãÖ’’ - 3227.16 ÊãäŒã Á. ‡ãŠã ,ãä£ã‡ãŠ Ì¾ã¾ã (14850.00 ÊãäŒã Á. ‡ãŠ ÔÌãä‡ãŠ¦ã ¹ãäÌã£ãä¶ã ‡ãŠã ¦ãÊã¶ãä ½ã) ›ã¡ºÊ¾ã›ã††Ôã, †½ã†½ã,ãäƒÔãä ãÀÔãäÌãÀ, ½ãÊ›ã¹Êã‡ãÔã ,ãäãª •ãÔãi

(d) “North Eastern Space Applications Centre (NE-SAC)”- saving of Rs.240.00 lakhs (against the sanctioned provision of Rs.500.00 lakhs) was due to reduced cash flow based on a review of the actual requirement of the support by the centre.

(C) “Space Sciences”-

(a) “Megha Tropiques” – saving of Rs.200.15 lakhs (against the sanctioned provision of Rs.520.00 lakhs) was due to reduced requirement as the activity was under hold pending a detailed review along with other participating international agencies.

(b) “Sensor Development” – saving of Rs.1647.77 lakhs (against the sanctioned provision of Rs.2815.00 lakhs) was due to less requirement towards development of Astrosat Payload and Planetary Studies based on a review of the development status.

(D) “Other Expenditure - Special Indigenisation/ Advance Ordering” – saving of Rs.1256.22 lakhs (against the sanctioned provision of Rs.2808.00 lakhs) was due to less requirement on account of slippage in delivery schedules of cryo stages and postponement of milestone payment for development of electronic devices.

(IV) Under two heads savings of Rs.178.62 lakhs occurred, each exceeding Rs.50.00 lakhs but not exceeding Rs.100.00 lakhs and constituting 21 and 22 percent of the sanctioned provision.

3. The above savings were partly offset by excess under the following major heads:-

(I) Major Head “3252” – “Operations and Maintenance” –

(A) “Master Control Facility (MCF)” – excess of Rs.824.03 lakhs (against the sanctioned provision of Rs.1628.00 lakhs) was due to additional requirement mainly towards INSAT-2E on orbit insurance premium payment.

(B) “INSAT-4 Satellites” – excess of Rs.3227.16 lakhs (against the sanctioned provision of Rs.14850.00 lakhs) was due to increased requirement of funds for the procurement of

¹ãÊâãï ÔâÜâ›‡âŠã, Öâƒ ÀÊâ ƒÊã‡â›ïãã¶â‡âŠ ÔâÜâ›‡âŠã ,ããÀ ¹ããÀ¾ãã•â¶ãã ÔâºÆ£ãã Ôãã½âØãã ‡âŠã ,ãã£â¹ãããï¦â ‡âŠ ãÊâ† â¶ãã£ã¾ãã ‡âŠã ,ãã£â‡âŠ ,ãã Ì⇾â‡âŠ¦ãã Öâ¶ãï ‡âŠ ‡âŠàA¥â Ö¦,ãáý

(II) ½ãŒ¾â Íãã Óâï ''3402'' - '',â¦ãã Àà à ¹ãã²ãã à Ø â‡âŠã'' -

(‡âŠã) ''ãÌã‰âŠ½â ÔãàA㾿ãã ƒ¦ ,â¦ãã Àà à ‡âŠ³'' - 3548.49 Êãã Œâ Á. ‡âŠã ,ãã£â‡âŠ Ì¾â¾â (16464.00 Êãã Œâ Á. ‡âŠ ÔÌãã‡âŠ¦â ¹ãã Ìà£ãã¶ã ‡âŠã ¦ãÊâ¶ãã ½â) „²ãã Ø ½â †Êãã¾ãã¶ã¾â ã‰âÑà£ãã¦ã ‡âŠã ÔÌà ª Íãã ãÌâ‡âŠÔâ ‡âŠÀ¶ã, ÔãÀà à ¹à¥ãã Êã¾ãã ‡âŠ ãÊâ† ,à ª ã¾ãã Ø ã¾ãã ‡âŠ •ã½ãã Öã¶ãï ,ãã À Ì¾ãã Ìà Ôãã ã¾â‡âŠ ÔãÌãã ,ãã (‡âŠ.,ãã.Ôâ.º.) Ôâº ã£ãã ¹ã½ãã Aà ‡âŠã ,à ª ã¾ãØãã ‡âŠ ãÊâ† ,ãã¦ãã À‡â¦â ,ãã Ìâ Í¾â‡âŠ¦ãã Öâ¶ãï ‡âŠ ‡âŠàA¥â Ö¦,ãáý

(Œãã) ''ƒÔâÀã •â¡Ìãã¾â ¹à¥ãã Êãã ƒ‡âŠƒ'' - 122.02 Êãã Œâ Á. ‡âŠã ,ãã£â‡âŠ Ì¾â¾â (1120.00 Êãã Œâ Á. ‡âŠ ÔÌãã‡âŠ¦â ¹ãã Ìà£ãã¶ã ‡âŠã ¦ãÊâ¶ãã ½â) „¸â¦â Ôâ Ìà ª ‡âŠã ‡âŠ à Ìâ‡âŠÔâ ‡âŠ ãÊâ† ½âÓ¦Ìà¹à¥â ÔâÜâ›‡âŠã ,ãã À Ôãã½ãã Ø ã¾ãã ‡âŠã ,ãã£â¹ãã¶ã¦â ,ãã À ,â¶¾â ¹ãã²ãã Ø â‡âŠã à Ìâ‡âŠÔâ ‡âŠã¾â½âŠ½ãã ‡âŠ ãÊâ† ,ãã£â‡âŠ ,ãã Ìâ Í¾â‡âŠ¦ãã Öâ¶ãï ‡âŠ ‡âŠàA¥â Ö¦,ãáý

(Øãã) ''¹ãã†Ôâ†Êâ Ìãã Ôâ¦â¦â ¹ãã À¾ãã•â¶ãã'' - 4147.91 Êãã Œâ Á. ‡âŠã ,ãã£â‡âŠ Ì¾â¾â (5900.00 Êãã Œâ Á. ‡âŠ ÔÌãã‡âŠ¦â ¹ãã Ìà£ãã¶ã ‡âŠã ¦ãÊâ¶ãã ½â) ‡âŠã¾â½âŠ½â Ôâº ã£ãã ,ãã Ìâ Í¾â‡âŠ¦ãã ,ãã ‡âŠ ,ãã£ãã À ¹âÀ ¹ãã†Ôâ†Êâ Ìãã Ôâ¦â¦â „¡ â¶ãã ‡âŠ ãÊâ† †½250 ¹âŠã ã•âØãã, Íãã›â¦, ÖÊ‡âŠã ã½ãÑà£ãã¦ã ‡âŠ ¤ãÞãã ‡âŠ ã¶â½ãã à¥â ,ãã À ,ã¶¾â Öâ¡Ìã¾âA ‡âŠã ,ãã£â¹ãã¶ã¦â ‡âŠ ãÊâ† ,ãã¦ãã À‡â¦â ,ãã Ìâ Í¾â‡âŠ¦ãã Öâ¶ãï ‡âŠ ‡âŠàA¥â Ö¦,ãáý

(Üãã) ''¾ã-¦ãÊ¾â‡âŠãã Êâ‡âŠ „¹âØãÖ ¹ãà ã¹â¥â ÌããÖ¶ã ¹ãã À¾ãã•â¶ãã'' - 224.52 Êãã Œâ Á. ‡âŠã ,ãã£â‡âŠ Ì¾â¾â (7000.00 Êãã Œâ Á. ‡âŠ ÔÌãã‡âŠ¦â ¹ãã Ìà£ãã¶ã ‡âŠã ¦ãÊâ¶ãã ½â) ‰âŠã¾ãã Þà¥â ‡âŠ ,ãã¾ãã¦â Ôã Ôâºãã£â¦â Ôâ¡à Ìâ ª â¦½â‡âŠ ,â ª ã¾ãã à ã¾ãã ‡ã Š ãÊâ† ã¹ãœÊã à Ìâ§ãã¾â Ìâ Ôâ¡ (2002-2003) Ôã ,â ª ã¾ãã Ø ã¾ãã •â¾ãã Öã¶ãï ‡âŠ ¹ãã À¥ãã¾âÔÌâÂ¹â ã¶ãã£ã¾ãã ‡âŠã ,ãã Ìâ Í¾â‡âŠ¦ãã Öâ¶ãï ‡âŠ ‡âŠàA¥â Ö¦,ãáý

(Ý) ''³Ìâ ¹à¥ãã ª¶â ¹à¥ãã Êãã ‡âŠ³'' - 401.50 Êãã Œâ Á. ‡âŠã ,ãã£â‡âŠ Ì¾â¾â (6979.00 Êãã Œâ Á. ‡âŠ ÔÌãã‡âŠ¦â ¹ãã Ìà£ãã¶ã ‡âŠã ¦ãÊâ¶ãã ½â) ½âÖ¶³ãØãã À ãÔ©â¦ã †‡âŠã‡âŠ¦â ³Ìà Öâƒ ¡ã•â¶ã Ôã¾â¨â ‡âŠ ¹à Þãã Êâ¶ãã, º¤ã Ö ƒ ¹à Àãà à¥â ,ãã Ìâ Í¾â‡âŠ¦ãã ,ãã ‡âŠã ¹à Àâ ‡âŠ A¶ãï ‡âŠ ãÊâ† ‰âŠã¾ãã ¦ãÀÊ ,ãã À Ôãã©â Öâ Ì¾ãã Ìâ Ôãã ã¾â‡âŠ Ôã Ìãã ,ãã (के.औ.सु.ब.) ‡âŠ ãÊâ† Ìã¦â¶ã ¦â©ãã ¼âSãã †Ìã ¹ã¾ãã Àã ‡âŠã ,ãã£â‡âŠ ,ãã Ìâ Í¾â‡âŠ¦ãã Öâ¶ãï की वजह से अतिरिक्त आवश्यकता होने ‡âŠ ‡âŠàA¥â Ö¦,ãáý

(Þãã) '',ãƒ¦,ãã À†Ôâ ¹ãã6 (ãÀÔãã Ôâ›)'' - 424.04 Êãã Œâ Á. ‡âŠã ,ãã£â‡âŠ Ì¾â¾â (914.00 Êãã Œâ Á. ‡âŠ ÔÌãã‡âŠ¦â ¹ãã Ìà£ãã¶ã ‡âŠã

payload components like TWTAS, MMIC receivers, multiplexes, etc. hi-rel electronic components and materials for the project.

(II) Major Head "3402" – "Space Technology"–

(A) "Vikram Sarabhai Space Centre (VSSC)"- excess of Rs.3548.49 lakhs (against the sanctioned provision of Rs.16464.00 lakhs) was due to additional requirement for undertaking indigenous development of Aluminium Alloy at industry, spill-over payments for security systems and payment of charges for professional services (CISF).

(B) "ISRO Inertial Systems Unit" – excess of Rs.122.02 lakhs (against the sanctioned provision of Rs.1120.00 lakhs) was due to increased requirement for procurement of critical components and materials for development of advanced sensors and other Technology Development Programmes.

(C) "PSLV Continuation Project" - excess of Rs.4147.91 lakhs (against the sanctioned provision of Rs.5900.00 lakhs) was due to additional requirement for the procurement of M250 Forgings, Sheets, Light Alloy Structures fabrication and other hardware for the PSLV continuation flights based on programmatic requirements.

(D) "Geo-Synchronous Satellite Launch Vehicle (GSLV) Project" - excess of Rs.224.52 lakhs (against the sanctioned provision of Rs.7000.00 lakhs) was due to requirement of funds consequent to spill over payments from last financial year (2002-2003) for the contractual payments related to import of Cryo Stage.

(E) "Liquid Propulsion Systems Centre (LPSC)" - excess of Rs.401.50 lakhs (against the sanctioned provision of Rs.6979.00 lakhs) was due to additional requirement for the operations of the Integrated Liquid Hydrogen Plant (ILHP) at Mahendragiri, Cryo Fluids to meet the increased test requirements and also increased requirement for salary and allowance and charges for professional services (CISF).

(F) "IRS P6 (Resourcesat)"- excess of Rs.424.04 lakhs (against the sanctioned provision of Rs.914.00 lakhs) was due to additional

¦ãÊã¶ãä ½ãä) ,ãäƒ¦ ,ããÀ†Ôã ‡ãŠã¾ãÉãŠ¾ãã ‡ãŠ ãÊã† Ôãããäʇã¡ Ô›¦› ãÀ‡ãŠã¡¦ÀÆ ‡ãŠã Ôã¹ãªØãã Ôãä Ôãºããä£ã¦ã ,ãªã¾ãããØã¾ãã ‡ãŠ ãÊã† ,ãä¦ããÀ‡ã¦ã ,ããÌã Í¾ã‡ãŠ¦ãã Ôã¶ãä ‡ãŠ ‡ãŠãÀ¥ã Öì,ãäý

(œã) “,ãäƒ¦ ,ããÀ†Ôã-II† (‡ãŠã›ãÔãä› -2) „¹ãØãÖ’’- 1528.19 ÊããŒã Á. ‡ãŠã ,ããä£ã‡ãŠ Ì¾ã¾ã (5290.00 ÊããŒã Á. ‡ãŠ ÔÌãã‡ãŠ¦ã ¹ããÌã£ãã¶ã ‡ãŠã ¦ãÊã¶ãä ½ãä) ¡ãÔããè/¡ãÔãä ‡ãŠ¶Ìã›ÀÆ, Ô›ãÀ ›¦‡ãŠÀ ‡ãŠ ƒ•ããä¶ã¾ãÀã ,ããÀ „¡¡ã¶ã ½ãã¡Êãä, Ôãã†¹ãŠ,ããÀ¹ãä ¹ãÊãä¡ ¤ãÞã ,ããÀ ¹ãŠãÊ¡ ¹ããØãããäºãÊã Øãä› †ÀÆ Ôãºã£ãã •ãä½ãã ,ãªã¾ãããØã¾ãã ‡ãŠ ãÊã† ,ãä¦ããÀ‡ã¦ã ,ããÌã Í¾ã‡ãŠ¦ãã Ôã¶ãä ‡ãŠ ‡ãŠãÀ¥ã Öì,ãäý

(•ã) “•ãä.Ôã›-2’’ - 393.01 ÊããŒã Á. ‡ãŠã ,ããä£ã‡ãŠ Ì¾ã¾ã (1000.00 ÊããŒã Á. ‡ãŠ ÔÌãã‡ãŠ¦ã ¹ããÌã£ãã¶ã ‡ãŠã ¦ãÊã¶ãä ½ãä) ¹ãàã¹ã¥ã ,ãä¼ã¾ãã¶ã ,ããÀ ÔãÞããÀ Ôã½¹ã‡ãŠ ¹ãÀããÀã •ãÔãä ¹ãàã¹ã¥ã-¹ãÍÞãã¦ã Ì¾ãä¾ããä Ôãä Ôãºããä£ã¦ã •ãä¼ãã ,ãªã¾ãããØãä ¹ãã¦ã¹ã®¦ãã ,ãä ‡ãŠ ‡ãŠãÀ¥ã Öì,ãäý

(¢ã) “Ôã¦ããÍã £ãÌã¶ã ,ã¦ãäÀàã ‡ãŠ³ (एसडीएससी-शार)’’- 562.95 ÊããŒã Á. ‡ãŠã ,ããä£ã‡ãŠ Ì¾ã¾ã (9048.00 ÊããŒã Á. ‡ãŠ ÔÌãã‡ãŠ¦ã ¹ããÌã£ãã¶ã ‡ãŠã ¦ãÊã¶ãä ½ãä) ¹ã¥ããª‡ãŠ „¦¹ãã¶ã ‡ãŠ ãÊã† ½ãÍããä¶ãÀã ,ããÀ „¹ãÔ‡ãŠÀ ‡ãŠã ,ããä£ã¹ããä¹¦ã, ã´¦ããè¾ã ¹ãàã¹ã¥ã ¹ãä¡ ‡ãŠ ãÊã† ãÌã²ã¦ã ‡ãŠã ,ããä£ã‡ãŠ Œã¹ã¦ã Öã¶ãä ,ããÀ ,ããä£ã‡ãŠ¦ã½ã ½ããØã ½ãä Ìãä® ‡ãŠ ãÊã† ãÌã²ã¦ã ºããä¡ ‡ãŠã ÔããäÌããä£ã‡ãŠ ,ãªã¾ãããØãä ã‡ãŠ† •ãä¶ãä ¦ã©ãã Ìã¦ã¶ã †Ìã ½ã§ãä, ‡ãŠã¾ããÊã¾ã Ì¾ã¾ã ,ããäª ‡ãŠ ãÊã† ,ããä£ã‡ãŠ ¹ããÌã£ãã¶ã ã‡ãŠ† •ãä¶ãä ‡ãŠ ãÊã† ,ãä¦ããÀ‡ã¦ã ,ããÌã Í¾ã‡ãŠ¦ãã Ôã¶ãä ‡ãŠ ‡ãŠãÀ¥ã Öì,ãä ý

(Šã) “½ãä›Ôãä›’’- 1130.26 ÊããŒã Á. ‡ãŠã ,ããä£ã‡ãŠ Ì¾ã¾ã (492.00 ÊããŒã Á. ‡ãŠ ÔÌãã‡ãŠ¦ã ¹ããÌã£ãã¶ã ‡ãŠã ¦ãÊã¶ãä ½ãä) ¼ãä¡ãÀ ,ãã¹ãÀ¥ã ‡ãŠ ãÊã† Öãƒ-ÀãÊã ƒÊã‡ã›ãä¶ã‡ãŠ ÔãÜã›‡ãŠã ‡ãŠã ,ããä£ã¹ããä¹¦ã ‡ãŠ ãÊã† •ãä½ãã Öƒ ¹ããä¦ã¹ã®¦ãã ,ãä ‡ãŠ ãÊã† ,ããä£ã‡ãŠ ,ããÌã Í¾ã‡ãŠ¦ãã Ôã¶ãä ‡ãŠ ‡ãŠãÀ¥ã Öì,ãäý

(›ã) “•ãä†ÔãÊãÌããè Ôã¦ã¦ã ¹ããÀ¾ããä•ã¶ãä’’- 1931.57 ÊããŒã Á. ‡ãŠã ,ããä£ã‡ãŠ Ì¾ã¾ã (9655.00 ÊããŒã Á. ‡ãŠ ÔÌãã‡ãŠ¦ã ¹ããÌã£ãã¶ã ‡ãŠã ¦ãÊã¶ãä ½ãä) ‡ãŠã¾ãÉãŠ¾ã ‡ãŠã ,ããÌã Í¾ã‡ãŠ¦ãã ,ãä ‡ãŠ ,ã¶ãÔããÀ •ãä†Ôã†ÊãÌããè Ôã¦ã¦ã ¹ãä¾ããäØããä½ãÃ ‡ãŠ ãÊã† †½250 Ôãããäª½ãØãã •ãÔãä Öã¡¡Ì¾ãÀ, Ôãà½¡ã› ã¶ãã½ãã¥ã, ¹ã¥ããª¶ã ›¦‡ãŠ ã¶ã½ããã¥ã ,ããÀ ÖÊ‡ãŠ ã½ãÑã£ãã¦ã ¤ãÞãã ‡ãŠ ãÊã† ,ãä¦ããÀ‡ã¦ã ,ããÌã Í¾ã‡ãŠ¦ãã Ôã¶ãä ‡ãŠ ‡ãŠãÀ¥ã Öì,ãäý

(III) †‡ãŠ Íããè‡ãŠ ‡ãŠ ,ã¦ãØã¦ã 73.20 ÊããŒã Á. ‡ãŠã ,ããä£ã‡ãŠ Ì¾ã¾ã Öì,ãä •ãä ÔÌãã‡ãŠ¦ã ¹ããÌã£ãã¶ã ‡ãŠã 19 ¹ãã¦ãÍã¦ã ©ããý

4. ,ã¶ãªã¶ã ‡ãŠ ¹ãä•ããØã¦ã ¼ããØã ‡ãŠ ¹ã¾ããããÀ¦ã ,ãÍã ½ãä, *3.00 ÊããŒã Á.* ‡ãŠã ãÌãã¶ã¾ããØã ½ãŒ¾ã Íããè‡ãŠ “5402’’ - “,ã¦ããÀàã ,ã¶ãÔã£ãã¶ã

requirement towards payments related to the delivery of Solid State Recorder for IRS Programme.

(G) “IRS-IIA (cartosat-2) Satellite” - excess of Rs.1528.19 lakhs (against the sanctioned provision of Rs.5290.00 lakhs) was due to additional requirement for spill over payments for the DC/DC Converter, Engineering and Flight Models of Star Tracker, CFRP payload structure and Field Programmable Gate Array.

(H) “G.SAT-2” - excess of Rs.393.01 lakhs (against the sanctioned provision of Rs.1000.00 lakhs) was due to spill-over payment commitments towards post-launch expenses like launch campaign and communication link charges.

(I) “Satish Dhawan Space Centre (SDSC-SHAR) ” - excess of Rs.562.95 lakhs (against the sanctioned provision of Rs.9048.00 lakhs) was due to additional requirement for the procurement of machinery and equipment for propellant production, increased consumption of electricity for the Second Launch Pad and statutory payment to the Electricity Board for increase in the maximum demand and increased provision for salary and allowances, office expenses etc.

(J) “METSAT” - excess of Rs.1130.26 lakhs (against the sanctioned provision of Rs.492.00 lakhs) was due to increased requirement for spill-over commitments towards procurement of hi-rel electronic components for stock replenishment.

(K) “GSLV Continuation Project” – excess of Rs.1931.57 lakhs (against the sanctioned provision of Rs.9655.00 lakhs) was due to additional requirement of hardware like M250 materials, segment fabrication, propellant tank fabrication and light alloy structures for GSLV Continuation programme as per the programmatic requirements.

(III) Under one head excess of Rs.73.20 lakhs occurred constituting 19 percent of the sanctioned provision.

4. In the *charged* portion of the capital section of the grant, *appropriation* of *Rs.3.00 lakhs*

¹ãÀ ¹ãï•ããØã¦ã ¹ããÀÌ¾ã¾ã’’ ‡ãŠ ,ã¦ãØã¦ã ¦ãã¶ã ½ãã½ãÊãã ½ã ¹ã¥ã¦ã¾ãã ,ã¹ã¾ã‡ã¦ã ÀÖã ý

remained wholly unutilised in three cases under Major Head “5402” – “Capital Outlay on Space Research.”

5. ,ã¶ãªã¶ã ‡ãŠ ¹ãï•ããØã¦ã ¼ããØã ‡ãŠ ÔÌãã‡ãŠ¦ã ,ãÍã ½ã, ºãÞã¦ã/ ,ãã£ã‡ãŠ Ì¾ã¾ã ã¶ã½¶ããÊããŒã¦ã ½ãŒ¾ã Íãã´Óãã ‡ãŠ ,ã¦ãØã¦ã Ö¦ƒ/Ö¦,ãã :-

5. In the voted portion of the capital section of the grant, savings/excess occurred under the following major heads:-

			कुल अनुदान Total grant	वास्तविक व्यय Actual expenditure	बचत- Saving–
					(लाख रुपयों में) (In lakhs of rupees)
शीर्ष	Head				
मुख्य शीर्ष “5252’’ „¹ãØãÖ ¹ã¥ããÊãã ¹ãÀ ¹ãï•ããØã¦ã ¹ããÀÌ¾ã¾ã	Major Head “5252” Capital Outlay on Satellite Systems				
मू.	O.	5171.00	4533.00	4523.52	–9.48
पु.	R.	–638.00			
मुख्य शीर्ष “5402’’ ,ã¦ããÀàã ,ã¶ãÔã£ãã¶ã ¹ãÀ ¹ãï•ããØã¦ã ¹ããÀÌ¾ã¾ã	Major Head “5402” Capital Outlay on Space Research				
मू.	O.	42837.00	41595.00	41245.32	–349.68
पु.	R.	–1242.00			

(I) 102.00 ÊããŒã Á. ‡ãŠã ¹ããÌã£ãã¶ã ªã Íãã´Óãã ‡ãŠ ,ã¦ãØã¦ã ¹ã¥ã¦ã¾ãã ,ã¹ã¾ã‡ã¦ã ÀÖã :-

(I) Provision of Rs.102.00 lakhs remained wholly unutilised under two heads.

(II) ½ãŒ¾ã Íãã´Óã “5252’’ ‡ãŠ ,ã¦ãØã¦ã ºãÞã¦ã ã¶ã½¶ããÊããŒã¦ã Íãã´Óãã ‡ãŠ ,ã¦ãØã¦ã Ö¦ƒ :-

(II) Under Major Head “5252”- savings occurred under the following heads:-

(‡ãŠã) “,ã¦ããÀàã ¾ãã¶ã - ƒ¶Ôã>-3 „¹ãØãÖ’’ - 453.00 ÊããŒã Á. ‡ãŠã ºãÞã¦ã (2495.00 ÊããŒã Á. ‡ãŠ ÔÌãã‡ãŠ¦ã ¹ããÌã£ãã¶ã ‡ãŠã ¦ãÊã¶ãã ½ã) ‡ãŠã¾ãÔ©ãÊã ¹ãÀ ‡ãŠã¾ã ‡ãŠã ÌããÔ¦ããÌã‡ãŠ ¹ãØãã¦ã ‡ãŠ ,ãã£ããÀ ¹ãÀ ºãØãÊããÀ ½ã ,ãÔã½ºãÊãã, †‡ãŠã‡ãŠÀ¥ã ,ããÀ ¹ãÀãàã¥ã ÔããÌã£ãã,ãã ¹ãÀ Öã¶ã ÌããÊã Ì¾ã¾ã ‡ãŠã Ô©ããØã¦ã ã‡ãŠ† •ãã¶ã ‡ãŠ ‡ãŠãÀ¥ã Ö¦ƒ ý

(A) “Space crafts - INSAT-3 Satellites” – saving of Rs.453.00 lakhs (against the sanctioned provision of Rs.2495.00 lakhs) was due to postponement of expenditure on assembly, integration and testing facilities in Bangalore based on actual progress of work at site.

(Œãã) “½ãŒ¾ã ã¶ã¾ã¨ã¥ã ÔããÌã£ãã’’- 546.48 ÊããŒã Á. ‡ãŠã ºãÞã¦ã (2503.00 ÊããŒã Á. ‡ãŠ ÔÌãã‡ãŠ¦ã ¹ããÌã£ãã¶ã ‡ãŠã ¦ãÊã¶ãã ½ã) ÖãÊã Öã

(B) “Master Control Facility (MCF)” – saving of Rs.546.48 lakhs (against the sanctioned

½ãì ,ãäá¦ã¼å रूप ªãì Øãƒ¦ Ôãäà¦ãªãå ‡ãŠ ,ãä£ãäÀ ¹àÀ ¼ãä¹ãäÊã ½ãì †½ãÔãää†¹ãŠ ºã‡ãŠ ,ã¹ã Ô›ÍãšãŠ ãÊã† ,ã¹ãäàäá¦å ¼ãì–‡ãŠ³ „¹âÔ‡ãŠÀ ,ãäìÀ ,ã¶¾å „¹âÔ‡ãŠA ‡ãŠ ãÊã† ¶å‡ãŠªãì ¹ã¦ãäÖ ‡ãŠãì ,ãäÀ¦ãÍ¾å‡ãŠ¦ãäå ½å ‡ãŠ½ãäì ,ãä¶ãì ‡ãŠ ‡ãŠãA¥å Ö*ƒ*ý

(III) ½ãŒ¾å Íãäíðäì ''5402'' ‡ãŠ ,ã¦ãØã¦å ºãÞã¦ãì ã¶ã½¶ãäÊäìŒã¦å Íãäíðäì ‡ãŠ ,ã¦ãØã¦å Ö*ƒ*ì :-

(‡ãŠã) '',ã¦ãäÀàå ¹ãäì²äãäìØã‡ãŠã'' -

(‡ãŠ) ''•ãäì†Ôã†Êã¦ãäå ½ãäì‡ãŠ-III ãÀ¦ã‡ãŠãÔã'' - 3793.97 ÊäìŒã Á. ‡ãŠãì ºãÞã¦ã (21373.00 ÊäìŒã Á. ‡ãŠ Ô¦ãäì‡ãŠ¦ã ¹ãäÀ¦ã£äì¶ã ‡ãŠãì ¦ãÊã¶ãäå ½ãì)©ãÔ› Þã½ºàÀ ¹ãÀäàä¥ã ,ãäìÀ ŸãÔã ¹ã¥ãäªã¶ã Ôã¾¿ãì'ä Ôãäà¦ã£äã,ãäì ‡ãŠãì ¹ãäãª¦ã ½ãì ãÀ¦ãÊã½ºã Öã¶ãì, †Ôã–200 ¶ãì•ãÊã ‡ãŠãì ,ãäì¿äã¦ã ä‡ãŠ† •ãä¶ãì ‡ãŠ Ô©ãä¶ã ¹ãÀ *ƒ*Ôãì ª¡Íã ½ãì Öã ¦ã¾äãÀ ‡ãŠA¶ã ‡ãŠã ã¶ã¥ã¾ãì ãÊã† •ãä¶ãì ,ãäìÀ ‡ãŠ½ã ,ãäÀ¦ãÍ¿ã‡ãŠ¦ãä Öã¶ãì ‡ãŠ ‡ãŠãA¥ã Ö*ƒ*ì ‡ã¾äãäã‡ãŠ Ôâ²ã:¹ãÀ¦ã¶ãÍãäÊã Ôã‡ãŠÊ¹ã¶ãä ¹ãÀ ½ãÍãäì¶ãÀãì ,ãäìÀ „¹âÔ‡ãŠÀ ‡ãŠ ,ã¦ãØã¦ã ¹ãÀ¦ãì ½ãì Íãäãä½ãÊã ‡ãŠãì Øã*ƒ*ì †Ôã¹ãäì,ãäÀ,ãäºãäì Ôãäà¦ã£äã,ãäì ‡ãŠ ãÊã† ãÔãäà¦ãÊã ã¶ã½äãä¥ã ‡ãŠã¾ãì Ôãºã£äãì ¹ãäà¦ã£äã¶ã ‡ãŠãì ,ãºã ãÔãäà¦ãÊã ã¶ã½äãä¥ã ‡ãŠã¾ãì ‡ãŠ ,ã¦ãØã¦å ,ãÊãØã Ôãì ªÍãäã¾äã Øã¾äã Öý

(Œå) ''³Ì㠹ã¥ãäªã¶ã ¹ã¥ãäÊäãì ‡ãŠ³''- 534.94 ÊäìŒã Á. ‡ãŠãì ºãÞã¦ã (911.00 ÊäìŒã Á. ‡ãŠ Ô¦ãäì‡ãŠ¦ã ¹ãäà¦ã£äã¶ã ‡ãŠãì ¦ãÊã¶ãäå ½ãì) ¹ã¥ãäªã¶ã ›‡ãŠ „¦¹ãäªã¶ã ‡ãŠ ãÊã† *ƒ*Êã‡ã›ã¶ã ºãäì½å Ìãäì Ê¡Øã ½åÍãäì¶ã ‡ãŠãì ,ãäì£ã¹ãääã¹¦ã Ô©ãäìØã¦ã ã‡ãŠ† •ãä¶ãì ,ãäìÀ Ìãäì Êã¾äã½äãäÊäã ãÔ©ã¦ã ¹ãªÍã¶ãäì ÖãÊã ‡ãŠã ã¶ã½äãä¥ã ,ãäìÀ ½ãÖ¶³ãØãäìÀ ãÔ©ã¦ã ,ãã¦ãäì©ã ØãÖ ‡ãŠ Ôã¦ã£ã¶ã ‡ãŠ ‡ãŠã¾ãì ‡ãŠãì Ô©ãäìØã¦ã ã‡ãŠ† •ãä¶ãì ‡ãŠ ¹ãäÀ¥ãä½ãÔ¦ãÂ¹ã ¶ã‡ãŠªãì ¹ã¦ãäÖ ‡ãŠ½ã Öã¶ãì ‡ãŠ ‡ãŠãA¥ã Ö*ƒ*ý

(Øã) ''*ƒ*ÔãÀãì „¹ãØãÖ ‡ãŠ³'' - 2251.26 ÊäìŒã Á. ‡ãŠãì ºãÞã¦ã (6046.00 ÊäìŒã Á. ‡ãŠ Ô¦ãäì‡ãŠ¦ã ¹ãäà¦ã£äã¶ã ‡ãŠãì ¦ãÊã¶ãäå ½ãì) ÖãÊã Öã ½ãì ,ãäã¦ã¼ã Â¹ã ªãì Øã*ƒ*ì Ôãäà¦ãªã ‡ãŠ ,ã¶ãÔãäÀ ©ã¼äãà¦ã‡ãŠ Þã¼ºãÀ ‡ãŠ ãÊã† ¹ã©ã¼ã ‰äŠã¼ã‡ãŠ ,ãªã¾ãØãäì ‡ãŠ ãÊã† ¶ã‡ãŠªãì ¹ã¦ãäÖ ‡ãŠãì ‡ãŠ½ã ,ãäà¦ãÍ¾ã‡ãŠ¦ãäì Öã¶ãì ‡ãŠ ‡ãŠãA¥ã Ö*ƒ*ý

(Üã) ''Ôã¦ãäÍã £ã¦ã¶ã ,ã¦ãäÀàã ‡ãŠ³ - ÍãäÀ'' - 519.94 ÊäìŒã Á. ‡ãŠãì ºãÞã¦ã (2806.00 ÊäìŒã Á. ‡ãŠ Ô¦ãäì‡ãŠ¦ã ¹ãäà¦ã£äã¶ã ‡ãŠãì ¦ãÊã¶ãäå ½ãì) •ãÊã ¹ãÀã¼ã†Íã¶ã ‰äŠã¼ãì›ãØãäì¹ãŠãì, 16ã¼ã.½ãäå. Öã*ƒ*ì Ô¹ãäì ‡ãŠ½ãäÀ¦, Ô¹ã¦ã›ã¹ãŠã›ãì½ãäì›À, †Êã ,ãäì†ã‡Ôã ¹ã½¹ã ,ãäãäª •ãÔãì ½ãÖ¦Ìã¹ã¥ãì „¹ãÔ‡ãŠÀã ‡ãŠãì ,ãäì£ã¹ãääã¹¦ã ã¶ã£äãäÀ¦ã Ôã½ã¾ã Ôãì ¹ãÌãì ã¹ãœÊãì ãÌãSãã¾ã ÌãÓãì (2002-2003) ½ãì provision of Rs.2503.00 lakhs) was due to reduced cash flow requirement for the Earth Station equipment and other equipment required for the MCF Back-up Station in Bhopal based on the contract finalised recently.

(III) Under Major Head "5402"- savings occurred under the following heads:-

(A) "Space Technology"-

(a) "GSLV MK-III Development" – saving of Rs.3793.97 lakhs (against the sanctioned provision of Rs. 21373.00 lakhs) was due to delay in realisation of Thrust Chamber Test (TCT) and Solid Propellant Plant (SPP) facilities, decision taken to realise S-200 Nozzle in-house instead of importing and less requirement as the provision for civil works for SPROB Facilities earlier included under Machinery and Equipment on turn-key concept has been shown separately under civil works.

(b) "Liquid Propulsion Systems Centre (LPSC)" – saving of Rs.534.94 lakhs (against the sanctioned provision of Rs.911.00 lakhs) was due to reduced cash flow consequent to the postponement of the procurement of Electron Beam Welding Machine for propellant tank production and postponement of the construction of exhibition hall at Valiamala, and augmentation for the guest house at Mahendragiri.

(c) "ISRO Satellite Centre (ISAC)" – saving of Rs.2251.26 lakhs (against the sanctioned provision of Rs.6046.00 lakhs) was due to reduced cash flow requirement for the first milestone payment for the Thermovac Chamber as per the contact finalised recently.

(d) "Satish Dhawan Space Centre -SHAR" – saving of Rs.519.94 lakhs (against the sanctioned provision of Rs.2806.00 lakhs) was due to less requirement consequent to the pre-ponement of critical equipment like Gel Permeation Chromatography, 16mm High Speed Cameras, Spectrophotometer,

ã‡‡Š† •ãã¶ãï ‡ãŠ ¹ãäÀ¥ãäï½ãÔÌãÂ¹ã ‡ãŠ½ã ,ãäÌãÍ¾ã‡‡Š¦ãäã Öã¶ãï, ã¶ãï½ãäÀ¥ã ‡ãŠã¾ãï ‡ãŠã ¹ãØãä¦ã ‡ãŠ ,ãä£äãÀ ¹ãÀ ³Ìã ÞãA¥ã ¼ãï¡ãA¥ã ¼ãÌã¶ãã ,ãäïÀ Ôãï¡‡ãŠ °ã¶ãäã¶ãï †Ìãï ã´¦ãäï¾ã ¹ãcäã¹ã¥ã ¹ãï¡ ‡ãŠ ã¶ã‡‡Š›Ì㦡ãäï ãäï¨ã ‡ãŠ ãÌã‡‡ãŠãÔã ‡ãŠ ãÊã† ¶ã‡‡ŠªãÏ ¹ãÌãäÖ ‡ãŠ½ã Öã¶ãï, ¼ãÌã¶ãã Ôãï. 114, 117 ,ãäÀ 142 †Ìãï ½ãØã•ãä¶ãã ¼ãÌã¶ãã ‡ãŠã ,ãäÀÔãäãÔãäã œ¦ã ‡ãŠã ã¶ã½ãäã¥ã Ô©ãäã؃¦ã ã‡‡Š† •ãã¶ãï, Àã•¾ã ÔãA‡ãŠãÀ Ôãï ÔÌãä‡‡ãŠã¦ã ¹ãä¹¦ã ¶ã Öã¶ãï ‡ãŠãï Ìã•ãÖ Ôãï Ôãï¡‡ãŠ ‡ãŠã ã¶ã½ãäã¥ã ‡ãŠã¾ãï Ô©ãäã؃¦ã ã‡‡Š† •ãã¶ãï, ƒ¦,ãäï›ã ¾ãŠ¶ãã, ,ãäã؃¶ãÍã½ã¶ã ¹ã¥ãäãÊã¾ãä/,ãÊãä½ãï ,ãäãª ‡ãŠã ,ãäã£ã¹ãäã¹¦ã Ô©ãäã؃¦ã ã‡‡Š† •ãã¶ãï ‡ãŠ ‡ãŠãÀ¥ã Öƒý

(Ý) ‘‘Üäì㾾ã „¹ãØãÖ ¹ãcã¹ã¥ã ÌãäÖ¶ã Ôã¦ã¦ã ¹ãäÀ¾ãä•ã¶ãã’’- 330.00 ÊãäŒã Á. ‡ãŠã °ãÞã¦ã (800.00 ÊãäŒã Á. ‡ãŠ ÔÌãä‡‡ãŠ¦ã ¹ãäÌã£äã¶ã ‡ãŠã ¦ãÊã¶ãä ½ãï) Ì¾ã¾ã ‡ãŠã ,ãäãÍã‡‡ãŠ Â¹ã Ôãï ã¶ã£äãäÀ¦ã Ôã½ã¾ã Ôãï ¹ãÌãï ã¹¹ãœÊã ãÌã§ãã¾ã ÌãÔãï (2002-2003) ½ãï ã‡‡Š† •ãã¶ãï ‡ãŠ ¹ãäÀ¥ãä½ãÔÌãÂ¹ã ‡ãŠ½ã ,ãäÌãÍ¾ã‡‡Š¦ãäã Öã¶ãï ‡ãŠ ‡ãŠãÀ¥ã Öƒý

(Þã) ‘‘,ãäƒ¦,ãäÀ†Ôã II † (‡ãŠã›ãÔãï›-2) „¹ãØãÖ’’- 1380.76 ÊãäŒã Á. ‡ãŠã °ãÞã¦ã (2359.00 ÊãäŒã Á. ‡ãŠ ÔÌãä‡‡ãŠ¦ã ¹ãäÌã£äã¶ã ‡ãŠã ¦ãÊã¶ãä ½ãï) ã¶ãï¾ãä¦ã ÊãäƒÔãÔã ¹ãä¦ã°ã£äã ‡ãŠã Ìã•ãÖ Ôãï 32 ½ãäã›Àã ›¶ã ‡ãŠ¹ã¶ã ¹ãÀãcàã¥ã ÔãäÌã£äã ‡ãŠã ,ãäã£ã¹ãäã¹¦ã ½ãï ãÌãÊã½°ã Öã¶ãï ‡ãŠ ¹ãäÀ¥ãä½ãÔÌãÂ¹ã ‡ãŠ½ã ,ãäÌãÍ¾ã‡‡Š¦ãäã Öã¶ãï ‡ãŠ ‡ãŠãÀ¥ã Öƒý

(œ) ‘‘ãÀÔãï›-I’’- 180.01 ÊãäŒã Á. ‡ãŠã °ãÞã¦ã (500.00 ÊãäŒã Á. ‡ãŠ ÔÌãäã‡‡Š¦ã ¹ãäÌã£äã¶ã ‡ãŠãï ¦ãÊã¶ãä ½ãï) ƒÔã ‡ãŠãÀ¥ã Ôãï Öƒ¦ ã‡‡Š ¹ãäÀ¾ãä•ã¶ãäã ãÔã¦ã¼°ãÀ 2003 ½ãï ÔÌãä‡‡Š¦ã ‡ãŠã Øãƒ¦ ©ãäï ã•ãÔã‡‡Š ¹ãäÀ¥ãä½ãÔÌãÂ¹ã ãÔãäÌã£ã ã¶ãï½ãäã¥ã ‡ãŠã¾ãï ÍãÂ Öã¶ãï ½ãï ãÌãÊã°ã Ö¦,ãäý

(Œãä) ‘‘,ã¦ãäÀãä ,ã¶ãª‡¾ãäØã - ãÌã‡‡ãŠãÔã ,ãäÀ Íãäãà‡‡Š ÔãÞãäÀ ƒ‡ãŠãƒ’’- 650.00 ÊãäŒã Á. ‡ãŠã °ãÞã¦ã (1038.00 ÊãäŒã Á. ‡ãŠ ÔÌãä‡‡ãŠ¦ã ¹ãäÌã£äã¶ã ‡ãŠã ¦ãÊã¶ãä ½ãï) ‡ãŠã¾ãäã¶ÌãªãÍã¶ã ‡ãŠã ãÔ©ãäã¦ã ‡ãŠ ,ãä£äãÀ ¹ãÀ †•ãÔã› ¹ãä¾ãÊã› ‡ãŠã¾ã¼ãŠ½ã ,ãäÀ Øãäã½ãÔã› ‡ãŠã¾ã¼ãŠ½ã ‡ãŠ ,ã¦ãØã¦ã ‡ãŠ½ã ,ãäÌãÍ¾ã‡‡Š¦ãäã Öã¶ãï ‡ãŠ ‡ãŠãÀ¥ã Öƒý

(Øãä) ‘‘,ãäÌãäÔã’’ -

(‡ãŠ) ‘‘,ã¦ãäÀãä ,ã¶ãª‡¾ãäØã ‡ãŠ¶³’’- 185.00 ÊãäŒã Á. ‡ãŠã °ãÞã¦ã (450.00 ÊãäŒã Á. ‡ãŠ ÔÌãä‡‡ãŠ¦ã ¹ãäÌã£äã¶ã ‡ãŠã ¦ãÊã¶ãä ½ãï) ¹ã¶ã: ã¶ãäÌãªã •ãäÀã ã‡‡Š† •ãã¶ãï ‡ãŠã Ìã•ãÖ Ôãï ÞãA¥ã IV ,ãäÌãäÔã ÍãÂ ã‡‡Š† •ãã¶ãï ½ãï ãÌãÊã½°ã Öã¶ãï ‡ãŠ ¹ãäÀ¥ãä½ãÔÌãÂ¹ã ‡ãŠ½ã ,ãäÌãÍ¾ã‡‡Š¦ãäã Öã¶ãï ‡ãŠ ‡ãŠãÀ¥ã Öƒý

LOx Pump, etc., to the previous financial year (2002-2003), reduced cash flow for the Liquid Stage Storage Building and formation of the road and development of the area around Second Launch Pad based on the progress of works, postponement of the construction of RCC roof for buildings No.114, 117 and 142 and magazine building, postponement of road works due to non-receipt of clearances from the State Government, postponement of the procurement of EOT crane, fire fighting systems/alarms, etc.

(e) “Polar Satellite Launch Vehicle (PSLV) Continuation Project” – saving of Rs.330.00 lakhs (against the sanctioned provision of Rs.800.00 lakhs) was due to reduced requirement consequent to the part pre-ponement of the expenditure to the previous financial year (2002-2003).

(f) “IRS II A (Cartosat-2) Satellites” - saving of Rs.1380.76 lakhs (against the sanctioned provision of Rs.2359.00 lakhs) was due to less requirement consequent on delay in the procurement of 32 tonne Vibration Test Facility owing to export license restrictions.

(g) “RISAT-1” – saving of Rs.180.01 lakhs (against the sanctioned provision of Rs.500.00 lakhs) was due to the reasons that the project was sanctioned in September 2003 resulting in delay in commence of the civil works.

(B) “Space Applications - Development and Educational Communication Unit (DECU)” - saving of Rs.650.00 lakhs (against the sanctioned provision of Rs.1038.00 lakhs) was due to less requirement under Edusat Pilot Programme and GRAMSAT Programme based on the implementation status.

(C) “Housing”-

(a) “Space Applications Centre” – saving of Rs.185.00 lakhs (against the sanctioned provision of Rs.450.00 lakhs) was due to less requirement consequent to the delay in the commencement of Phase IV housing due to re-tendering.

(Eå) ''‡ãš¶³ã¾¿å ¹ãº£å¶ã'' - 136.00 ÊãäŒã Á. ‡ãšã ºãÞã¦¦å (302.00 ÊãäŒã Á. ‡ãš ÔÌãä‡ãš¦å ¹ãäÌà£äã¶ã ‡ãšãi ¦ãÊã¶ãä ½ãi) ƒÔå ‡ãšãA¥å Ôãï Öƒ¦ ã‡ãš ºã®ãÊãäA ½ãi ,ãä¦ãäA‡ã¦å ‡ãÌãä›ÀãÏ ‡ãš ã¶ã½ãä¥å Ôãï Ôãºãä£ã¦å ‡ãšã¾¿ãï ÍãÂ ¶ãÖãï ã‡ãš¾ãä •ãä Ôã‡ãšä ‡ã¾¿ãäã‡ãš ã¶ãäÌà³ã, ãäi ‡ãšãi ,ãä¦ã½ãä Â¹ã ã³¾ãä •ãä¶ãä ©ãäý

(IV) †‡ãš Íãäíãi ‡ãš ,ã¦ãØã¦å 68.29 ÊãäŒã Á. ‡ãšã ºãÞã¦å Öƒ¦ •ãäi ÔÌãä‡ãš¦å ¹ãäÌà£äã¶ã ‡ãšä 15 ¹ãä¦å Íã¦å ©ãäý

6.(I) „¹ã¾¿ã‡ã¦å ºãÞã¦å ã¶ã½¶ãäÊãäŒã¦å ½ãŒ¾å Íãäíãä ‡ãš ,ã¦ãØã¦å ,ãäã£ã‡ãš Ì¾ã¾¿å ´àÀã ,ãäãäÍã‡ãš Â¹ã Ôãï ¹ãä¦ãÔã¦ãäÊã¦å Öãï Øãƒ:-

(‡ãšã) ½ãŒ¾å Íãäíãi ''5252'' -

(‡ãš) '',ã¦ãäÀàãå ¾ãä¶ã - ƒ¶Ôå›-4 „¹ãØãÖ'' - 250.00 ÊãäŒã Á. ‡ãšã ,ãäã£ã‡ãš Ì¾ã¾¿å (150.00 ÊãäŒã Á. ‡ãš ÔÌãä‡ãš¦å ¹ãäÌà£äã¶ã ‡ãšãi ¦ãÊã¶ãä ½ãi) ¹ãäA¾ãäå•ã¶ãä Ôãï Ôãºãä£ã¦å ,ãä¶ãÌãäã¾ãi ã¶ã½ãä¥å ,ãäA ¹ãÀãàãå¥å „¹ãÔ‡ãšA ‡ãšãi ,ãäã£ã¹ãäã¹¦å ‡ãš ãÊã† ,ãä¦ãäA‡ã¦å ,ãäÌàÍ¾ã‡ãš¦ãä Öã¶ãï ‡ãš ‡ãšãA¥å Ö¦ãäý

(Eå) '',ãäÌãäÔã - ½ãŒ¾å ã¶ã¾ãï ã¥å Ôãäà£äã''- 102.00 ÊãäŒã Á. ‡ãšã ,ãäã£ã‡ãš Ì¾ã¾¿å (23.00 ÊãäŒã Á. ‡ãš ÔÌãä‡ãš¦å ¹ãäÌà£äã¶ã ‡ãšãi ¦ãÊã¶ãä ½ãi) ¼ãä¹ãäÊã ½ãi †½ãÔãä†¹ãš ºã‡ãš ,ã¹å Ô›ÍãºÌã Ôãï Ôãºãä£ã¦å ,ãäÌãäÔã ã¶ã½ãäã¥å ‡ãšã¾¿ãä ‡ãš ãÊã† ½ãä£¾å ¹ãªíå ,ãäÌãäÔã ºãäi ¡´àÀã „Ÿãƒ¦ Øãƒ¦ ½ãäØã ‡ãš ¹ãäA¥ãä½ãÔÌà Â¹ã ,ãä¦ãäA‡ã¦å ,ãäÌàÍ¾ã‡ãš¦ãä Öã¶ãï ‡ãš ‡ãšãA¥å Ö¦ãäý

(Eää) ½ãŒ¾å Íãäíãi ''5402'' -

(‡ãš) '',ã¦ãäÀàãå ¹ãä²ãäãØã‡ãšã'' -

(i) ''ãÌã¼ãš½å ÔãäÀã¾¿ãäƒ¦ ,ã¦ãäÀàãå ‡ãš³''- 2152.21 ÊãäŒã Á. ‡ãšã ,ãäã£ã‡ãš Ì¾ã¾¿å (883.00 ÊãäŒã Á. ‡ãš ÔÌãä‡ãš¦å ¹ãäÌà£äã¶ã ‡ãšãi ¦ãÊã¶ãä ½ãi) ¹ãàãä¹ã¥å ÌãäÖ¶ã ãÌã‡ãšãÔã ‡ãšã¾¿ã¼ãš½å ‡ãš ãÊã† ,ãäÌãÍ¾ã‡ãš ‡ãšã¼ã‡ãšÊã Ìã¹ãÀ ã¡ØãäÔãØã ¹ãš¶ãÔã ,ãäA ,ã¶¾å ½ãÍãä¶ãÀã †Ìã „¹ãÔ‡ãšA ‡ãšãi ,ãäã£ã¹ãäã¹¦å ‡ãš ãÊã† ,ãä¦ãäA‡ã¦å ,ãäÌàÍ¾ã‡ãš¦ãä Öã¶ãï ‡ãš ‡ãšãA¥å Ö¦ãäý

(ii) ''ƒÔàÀã •ã¡¦Ìãäã¾¿å ¹ã¥ãäÊãäi ƒ‡ãšãƒ¦''- 224.85 ÊãäŒã Á. ‡ãšã ,ãäã£ã‡ãš Ì¾ã¾¿å (59.00 ÊãäŒã Á. ‡ãš ÔÌãä‡ãš¦å ¹ãäÌà£äã¶ã ‡ãšãi ¦ãÊã¶ãä ½ãi) ã•ãØã ºãäãÀØã ½ãÍãä¶ã ‡ãšãi ,ãäã£ã¹ãäã¹¦å Ôãï Ôãºãä£ã¦å •ã½ãäã ,ãªã¾¿ãäØã¾¿ãä ‡ãš ãÊã† ,ãä¦ãäA‡ã¦å ,ãäÌàÍ¾ã‡ãš¦ãä Öã¶ãï ‡ãš ‡ãšãA¥å Ö¦ãäý

(b) "Central Management" – saving of Rs.136.00 lakhs (against the sanctioned provision of Rs.302.00 lakhs) was due to the reason that the work relating to the construction of additional quarters in Bangalore could not be commenced as the tenders were under finalisation.

(IV) Under one head saving of Rs.68.29 lakhs occurred constituting 15 percent of the sanctioned provision.

6.(I) The above savings were partly offset by excess under the following major heads:-

(A) Major Head "5252" –

(a) "Space crafts - INSAT – 4 Satellites" – excess of Rs.250.00 lakhs (against the sanctioned provision of Rs.150.00 lakhs) was due to additional requirement towards procurement of essential fabrication and test equipment for the project.

(b) "Housing - Master Control Facility (MCF)"– excess of Rs.102.00 lakhs (against the sanctioned provision of Rs.23.00 lakhs) was due to additional requirement consequent to the demand raised by Madhya Pradesh Housing Board for housing works relating to the MCF Back up Station in Bhopal.

(B) Major Head "5402" –

(a) "Space Technology" -

(i) "Vikram Sarabhai Space Centre (VSSC)"– excess of Rs.2152.21 lakhs (against the sanctioned provision of Rs.883.00 lakhs) was due to additional requirement towards procurement of Chemical Vapour Degassing Furnace and other machinery and equipment required for the launch vehicle development programme.

(ii) "ISRO Inertial Systems Unit (IISU)" – excess of Rs.224.85 lakhs (against the sanctioned provision of Rs.59.00 lakhs) was due to additional requirement for spill-over payments relating to the procurement of the Jig Boring Machine.

(iii) “,ãäƒ¦,ããÀ†Ôã–¹ãä6 (ãÀÔããÔãÔã>)’’- 270.66 ÊããŒã Á. ‡ãŠã ,ããä£ã‡ãŠ Ìãä¾ã (129.00 ÊããŒã Á. ‡ãŠ ÔÌããè‡ãŠ¦ã ¹ããÌãä£ããä¶ã ‡ãŠã ¦ãÊã¶ãã ½ãñ) 5.5†½ã ©ãä½ããÌã‡ãŠ Þãñ½ºãÀ ‡ãŠ ãÊã† •ãä½ãã ,ãªãä¾ãØãã ‡ãŠã ¹ãÀã ‡ãŠÀ¶ã ‡ãŠ ãÊã† ,ãä¦ããÀ‡ã¦ã ,ããÌã Í¾ã‡ãŠ¦ãã Öã¶ãã ‡ãŠ ‡ãŠãÀ¥ã Öì,ãäý

(iv) “ƒÔãÀãñ >ÊããÌ½ããè>Àã, >ããè‡ãŠØã †¦¡ ‡ãŠ½ããä¶ã ¶ãñ>Ìã‡ãŠ’’- 208.62ÊããŒã Á. ‡ãŠã ,ããä£ã‡ãŠ Ìãä¾ã (940.00 ÊããŒã Á. ‡ãŠ ÔÌããè‡ãŠ¦ã ¹ããÌãä£ããä¶ã ‡ãŠã ¦ãÊã¶ãã ½ãñ) ãº,ãä‡ãŠ ¼ãö ‡ãŠ³ ,ããÀ ÑããÖãÀ‡ãŠãñ>ã ,ããÀ ÊãŒã¶ã… ½ãñ ,ã¦ããÀàãä¾ãã¶ã ã¶ãä¾ãâ¨ã¥ã ‡ãŠ³ निर्माण कार्य ,ããÀ ¹ããñ>ö ºÊãä¾ãÀ Øãä„¡ ‡ãŠ ãÊã† ,ãä¦ããÀ‡ã¦ã ,ããÀ†‡ãÔã Þãñ¶ã ‡ãŠ ãÊã† ,ãä¦ããÀ‡ã¦ã ,ããÌã Í¾ã‡ãŠ¦ãã Öã¶ãã ‡ãŠ ‡ãŠãÀ¥ã Öì,ãäý

(v) “ã´¦ããè¾ã ¹ãàã¹ã¥ã ¹ã¡ ,ããÀ Ôãã½ãã¶¾ã ÔããÌã£ãã†ñ’’- 4600.85 ÊããŒã Á. ‡ãŠã ,ããä£ã‡ãŠ Ìãä¾ã (2031.00 ÊããŒã Á. ‡ãŠ ÔÌããè‡ãŠ¦ã ¹ããÌãä£ããä¶ã ‡ãŠã ¦ãÊã¶ãã ½ãñ) ,ãä¦ããÀ‡ã¦ã ,ããÌã Í¾ã‡ãŠ¦ãã Öã¶ãã ‡ãŠ ‡ãŠãÀ¥ã Öì,ãä ‡ãä¾ããä‡ãŠ ÔãÍããä£ã¦ã ÊããØã¦ã ,ã¶ãì½ãã¶ã–2 (,ããÀÔãããƒ¦-2) ‡ãŠ †‡ãŠ ¼ããØã ‡ãŠã ÔãÀ‡ãŠãÀ ¶ãñ ,ã‡ã¦ãºãÀ, 2003 ½ãñ ,ã¶ãì½ããªã¶ã ¹ãªã¶ã ‡ãŠÀ ãªãä¾ãã ©ããý

(vi) “½ãñ>Ôãñ>’’- 161.20 ÊããŒã Á. ‡ãŠã ,ããä£ã‡ãŠ Ìãä¾ã (8.00 ÊããŒã Á. ‡ãŠ ÔÌããè‡ãŠ¦ã ¹ããÌãä£ããä¶ã ‡ãŠã ¦ãÊã¶ãã ½ãñ) ã¹ãœÊãñ ãÌã§ããä¾ã ÌãÓãä (2002-2003) Ôãñ •ãä½ãã Öìƒ¦ ,ãªãä¾ãØããä¾ããñ ‡ãŠã Ìã•ãÖ Ôãñ ,ãä¦ããÀ‡ã¦ã ,ããÌã Í¾ã‡ãŠ¦ãã Öã¶ãã ‡ãŠ ‡ãŠãÀ¥ã Öì,ãäý

(vii) “•ãè.Ôãñ>-3 - 349.94 ÊããŒã Á. ‡ãŠã ,ããä£ã‡ãŠ Ìãä¾ã (100.00 ÊããŒã Á. ‡ãŠ ÔÌããè‡ãŠ¦ã ¹ããÌãä£ããä¶ã ‡ãŠã ¦ãÊã¶ãã ½ãñ) ÔããÀ ¹ã¶ãÊã ÔãºÔ>ñ>ã ,ããÀ ¾ãã‡ãŠã ‡ãŠ ã¶ãä½ããã¥ã ,ããÀ ,ãã¹ãã¦ãä ‡ãŠ ãÊã† ,ãä¦ããÀ‡ã¦ã ,ããÌã Í¾ã‡ãŠ¦ãã Öã¶ãã ‡ãŠ ‡ãŠãÀ¥ã Öì,ãäý

(Œã) “,ããÌããÔã - ãÌã‰ãÞ½ã ÔããÀãä¼ããƒ¦ ,ã¦ããÀàã ‡ãŠ³’’- 502.07 ÊããŒã Á. ‡ãŠã ,ããä£ã‡ãŠ Ìãä¾ã (3.00 ÊããŒã Á. ‡ãŠ ÔÌããè‡ãŠ¦ã ¹ããÌãä£ããä¶ã ‡ãŠã ¦ãÊã¶ãã ½ãñ) ã¦ãÁÌã¶ã¶¦ã¹ãÀ½ã ½ãñ ¼ãã½ãã ‡ãŠ ,ããä£ãØãÖ¥ã ‡ãŠ ãÊã† ,ãä¦ããÀ‡ã¦ã ,ããÌã Í¾ã‡ãŠ¦ãã Öã¶ãã ‡ãŠ ‡ãŠãÀ¥ã Öì,ãäý

(II) †‡ãŠ Íããè ‡ãŠ ,ã¦ãØã¦ã 85.98 ÊããŒã Á. ‡ãŠã ,ããä£ã‡ãŠ Ìãä¾ã Öì,ãä •ãã ÔÌããè‡ãŠ¦ã ¹ããÌãä£ããä¶ã ‡ãŠã 68 ¹ãä¦ãÍã¦ã ©ããý

(iii) “IRS-P6 (Resourcesat) – excess of Rs.270.66 lakhs (against the sanctioned provision of Rs.129.00 lakhs) was due to additional requirement for meeting spill-over payment for the 5.5m Thermovac Chamber.

(iv) “ISRO Telemetry, Tracking & Command Network (ISTRAC)” – excess of Rs.208.62 lakhs (against the sanctioned provision of Rs.940.00 lakhs) was due to additional requirement for the Biak Ground Station and for the Spacecraft Control Centre works at Sriharikota and Lucknow and additional Rx chain for the Port Blair Ground.

(v) “Second Launch Pad and Common Facilities” – excess of Rs.4600.85 lakhs (against the sanctioned provision of Rs.2031.00 lakhs) was due to additional requirement as a part of the revised cost estimate-2 (RCE-2) approved by the Government in October, 2003.

(vi) “METSAT” – excess of Rs.161.20 lakhs (against the sanctioned provision of Rs.8.00 lakhs) was due to additional requirement on account of spill-over payments from the last financial year (2002-2003).

(vii) “G.SAT-3” – excess of Rs.349.94 lakhs (against the sanctioned provision of Rs.100.00 lakhs) was due to additional requirement for fabrication and supply of solar panel substrates and yokes.

(b) “Housing - Vikram Sarabhai Space Centre”– excess of Rs.502.07 lakhs (against the sanctioned provision of Rs.3.00 lakhs) was due to additional requirement for acquisition of land in Thiruvananthapuram.

(II) Under one head excess of Rs.85.98 lakhs occurred constituting 68 percent of the sanctioned provision.