

## 2. EQUIPMENT AND FACILITIES

Of what has been executed during 1998 at the Belgrade Observatory, including the purchases realized, of particular importance is the following:

- Purchased: a computer Pentium 333 MHz, with 128 Mb of RAM memory and 9.1 Gb of hard disc memory and two high speed modems "Crocus" with 128 Kb per second have been obtained through the courtesy of the Federal Ministry of Development, Science and Environment Protection of Yugoslavia.
- Purchased: a computer Pentium II 300C, two computers Pentium 166 MHz, a ruler MDS 2509, two high speed modems "Crocus" with 128 Kb per second.
- The tinsmith works and painting, on the dome of the "Large Refractor" pavilion. Painting of the domes of the Solar spectrograph, photovisual refractor "Askania" and Zeiss Astrograph 160/180 mm pavilions.
- White-washing and parquet and floor reparation in the offices of the Main building.
- Continuation of the putting in order of the Library, in the course of which 296 journal volumes have been hard bound.

## 3. BUDGET

Incomes in dinars in the period I - XII 1998

### 1. Public incomes

#### 1.1 - from the Ministry of Science and Technology of Serbia

1.1.1 - from the project "Astrometrical, Astrodynamical and Astrophysical investigations" and support for other activities .....

2 000 760.86

1.1.2 - from the time keeping and geographic coordinate determination service .....

360 000.00

1.2 - from the Federal Ministry for Development, Science and Environment Protection .....

166 025.00

2. Incomes from the sale of products inside Yugoslavia (judiciary expertises) .....	6 000.00
3. Incomes from interests .....	1 345.56
4. Other special incomes	
4.1 – Sponsorship by: "SAVA" – water resources management, Novi Beograd .....	3 000
4.2 – Sponsorship by: "Simpex Omni" – foreign and internal trade company, Novi Beograd .....	5 000
4.3 – Sponsorship by: "BIP" – Belgrade beer industry .....	2 000
4.4 – Sponsorship by: "Serbian-Romanian friendship society" .....	2 000
4.5 – Registration fees for conferences organized by Belgrade Astronomical Observatory .....	2 550
 TOTAL .....	 2 548 681.42

I EXPENCES ON MATERIAL, ENERGY, SPARE PARTS  
AND SMALL STOCKS

1. Expences on small stocks, office stocks, sanitary stocks, journals and books for common services .....	55 535.95
2. Expences on coal	"ČAUŠ KOMERC"
Beograd .....	67 549.92
3. Expences on electric energy	"ELEKTRODISTRIBUCIJA"
Beograd .....	15 967.16
 Total .....	 139 053.03

II EXPENDITURES ON SALARIES AND CONTRIBUTIONS CHARGING  
THE EMPLOYER

1. Net salaries .....	634 001.50
2. Taxes charging the employer .....	155 036.85
3. Contributions charging the employer.....	233 063.15
4. Annual vacation reimbursement, prizes, other supports of the staff.....	68 305.41
 Total .....	 1 090 406.91

## III EXPENDITURES ON THE EQUIPMENT PURCHASES IN 1998

Name	Furnisher	Amount in dinars
1. Computer "PENTIUM" 166 MHz	"SEKVENCA" Beograd.....	10 197.00
2. Computer "PENTIUM" 166 MHz	"PC SHOP" Beograd.....	9 435.00
3. Computer "PENTIUM" II 300C	"MONITOR" Beograd.....	12 271.19
4. Ruter MDS 2509	"MDS" Beograd.....	40 572.00
5. Two high speed modems "Crocus" with 128 kB/s	"MDS" Beograd.....	23 284.00
6. Vacuum-cleaner	"R.K. BEOGRAD" Beograd.....	915.20
	Total .....	96 674.39

## IV EXPENDITURES ON PRODUCTIVE SERVICES

1. Post and telephone services .....		86 243.76
2. Public transportation expences .....		18 778.61
3. Expenditures on investments and investment maintenance of the working means		
Name	Furnisher	Amount in dinars
3.1 Tinsmith works on the Large Refractor dome	"RAVNICA" Beograd (M. Stojković).....	15 000.00
3.2 White-washing of the offices in the Main building	"RAVNICA" Beograd (M. Stojković).....	65 264.50
3.3 Parquet planing and lacquering in the Main building	"RAVNICA" Beograd (M. Stojković).....	54 272.00

3.4 Hydroinsulation of the flat roof	"NOVA CENTAR" Beograd .....	3 500.00
3.5 Reparation of the motor for dome roof rotation	"RAVNICA" Beograd (M. Stojković).....	20 275.00
3.6 Carpenter works on the partition wall in the Main building	"RAVNICA" Beograd (M. Stojković).....	8 120.00
3.7 Hydroinsulation and white-washing reparations on the "Large Refractor" pavilion, Main building and Solar Spectrograph pavilion	"RAVNICA" Beograd (M. Stojković).....	3 250.00
3.8 Painting of domes of "Large Refractor", Solar Spectrograph, Photovisual refractor "Askania" and "Zeiss" Astrograph 160/180 mm (start of investments)	"RAVNICA" Beograd (M. Stojković).....	14 000.00
3.9 Upgrading of Computer Equipment	.....	25 619.74
4. Announcements in Newspapers	.....	4 458.61
5. Expences on consumed water	.....	2 554.87
6. Expences on garbage removing	.....	6 167.76
7. Expences on the safeguarding at work	.....	450.00
8. Expences on foreign guests accomodation	.....	14 465.10
9. Expences on Photo services	.....	5 754.00
10. Various petty expences	.....	7 259.42
	Total .....	355 433.37

## V EXPENDITURES ON NON PRODUCTIVE SERVICES

1. Job Contracts	.....	96 225.50
2. Expenditures on printing of the Observatory's publications in 1998		
Publication	Printed by:	Amount in dinars
2.1 Serb. Astron. J. No 157	"PORTAL Co" Beograd .....	12 500.00
2.2 Serb. Astron. J. No 158	"PORTAL Co" Beograd .....	14 990.00
2.3 Publ. Astron. Obs. Belgrade No 59	"PORTAL Co" Beograd .....	14 400.00
2.4 Publ. Astron. Obs. Belgrade No 60	"PORTAL Co" Beograd .....	12 700.00
2.5 Publ. Astron. Obs. Belgrade No 61	"PORTAL Co" Beograd .....	12 990.00
2.6 Publ. Astron. Obs. Belgrade No 62	"PORTAL Co" Beograd .....	10 000.00
3. Professional advanced training		
3.1 English courses for the staff	.....	6 707.50
3.2 Lectures of foreign guests	.....	1 950.00
3.3 Registrations fees and accomodation at Conferences in Yugoslavia organized by other institutions	.....	15 450.00
3.4 Ph. Thesis of M. Dačić	.....	11 200.00
4. Expences on photocopying outside the Observatory	.....	3 100.60
5. Expences on lowyer services	.....	7 868.25
	Total .....	220 081.85

VI NONMATERIAL EXPENCES

1. Transport expences on missions	63 094.737
2. Transport to job for staff	54 719.34
3. Meals for staff	117 350.56
4. Binding of 296 volumes in hard cover KKR "PAŠTRMAC"	17 095.00
5. Expences for meals for 27 guests from Romania, Belarus, Russia, Macedonia and Bulgaria; Conference dinners, reception cocktails, coffe and other expences for conferences organized by Belgrade Observatory, anniversary, 8 <sup>th</sup> March and New Year celebrations at Observatory	84 524.95
6. Costs of payments transactions	8 169.19
7. Membership fees	4170.00
8. Expenses on Students community services	4 340.30
9. Taxes	3 305.09
Total	356 769.16

VII EXPENCES ON TAXES AND CONTRIBUTIONS

1. Taxes on the building land	595.96
2. Social insurance contributions charging the employer	286 533.16
Total	287 129.12

VIII EXPENCES FROM PREVIOUS YEARS

Total	1248.30
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GRAND TOTAL (I+II+III+IV+V+VI+VII+VIII)	2 546 796.13
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Incomes - Expenditures Difference	1 885.29
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