

## Disk Chart

### Approximate disk requirements for 256 Mb/s recording

NRV 030303											
Size of disks (GB)	200										
Cost of disk	\$250										
Cost of module	\$ 250 (modules are available from Conduant)										
Note about disks needed: The numbers are modulo 8 disks, to fill an 8-pack disk module.											
This spreadsheet assumes that all IVS sessions would be recorded at 256 Mb/s											
<b>Session type:</b>	R4	R1	R&D	Ohig	T2	CRF	EURO	APSG			
<b>Data rate (Mb/s)</b>	256	256	256	256	256	256	256	256			
<b>GB per session:</b>	1600	1600	1600	1600	1600	1600	1600	1600	(approx, varies by station)		
<b>Disks needed</b>	8	8	8	8	8	8	8	8			
<b>Modules needed</b>	1	1	1	1	1	1	1	1			
<b>Disk capacity</b>	1600	1600	1600	1600	1600	1600	1600	1600			
<b>Sess in pipeline:</b>	4	4	2	6	4	3	2	2			
<b>Station</b>	<b>Number of disks required for each station for each type of observing session</b>								<b>Total Disks</b>	<b>Total Modules</b>	<b>Total Cost</b>
Algonquin	<u>32</u>		<u>16</u>		<u>16</u>				64	<u>8</u>	\$18,000
Fortaleza	<u>32</u>			<u>48</u>	<u>32</u>	<u>24</u>			136	<u>17</u>	\$38,250
Gilmore Creek	<u>32</u>	<u>32</u>	<u>16</u>		<u>16</u>			<u>16</u>	112	<u>14</u>	\$31,500
GGAO					<u>32</u>				32	<u>4</u>	\$9,000
HartRAO		<u>32</u>		<u>48</u>	<u>32</u>	<u>24</u>			136	<u>17</u>	\$38,250
Hobart		<u>32</u>		<u>48</u>	<u>32</u>	<u>24</u>		<u>16</u>	152	<u>19</u>	\$42,750
Kashima34					<u>32</u>	<u>24</u>			56	<u>7</u>	\$15,750
Kokee Park	<u>32</u>	<u>32</u>	<u>16</u>	<u>40</u>	<u>24</u>	<u>24</u>		<u>16</u>	184	<u>23</u>	\$51,750
Matera	<u>32</u>	<u>32</u>			<u>16</u>		<u>16</u>		96	<u>12</u>	\$27,000
Medicina		<u>8</u>			<u>24</u>		<u>16</u>		48	<u>6</u>	\$13,500
Noto					<u>16</u>	<u>24</u>	<u>16</u>		56	<u>7</u>	\$15,750
Ny Alesund	<u>32</u>	<u>16</u>	<u>16</u>		<u>32</u>		<u>16</u>		112	<u>14</u>	\$31,500
O'Higgins				<u>48</u>	<u>32</u>				80	<u>10</u>	\$22,500
Onsala	<u>32</u>				<u>24</u>		<u>16</u>		72	<u>9</u>	\$20,250
Seshan		<u>32</u>			<u>24</u>			<u>16</u>	72	<u>9</u>	\$20,250
Simeiz					<u>32</u>		<u>16</u>		48	<u>6</u>	\$13,500
Svetloe					<u>32</u>		<u>16</u>		48	<u>6</u>	\$13,500
TIGO	<u>32</u>	<u>32</u>	<u>16</u>	<u>48</u>	<u>16</u>				144	<u>18</u>	\$40,500
Tsukuba	<u>8</u>	<u>32</u>			<u>32</u>			<u>16</u>	88	<u>11</u>	\$24,750
Urumqi					<u>32</u>	<u>16</u>		<u>16</u>	64	<u>8</u>	\$18,000
Westford		<u>32</u>	<u>16</u>		<u>32</u>				80	<u>10</u>	\$22,500
Wetzell	<u>32</u>	<u>32</u>	<u>16</u>		<u>16</u>		<u>16</u>		112	<u>14</u>	\$31,500
Yebes					<u>32</u>		<u>16</u>		48	<u>6</u>	\$13,500
Yellowknife					<u>32</u>				32	<u>4</u>	\$9,000
<b>Totals</b>	296	344	112	280	640	160	144	96	2072	259	\$ 582,750
									\$518,000	\$ 64,750	