

Science and Technology Facilities Council  
Polaris House, North Star Avenue, Swindon, SN2 1SZ  
Telephone 01793 442000 Fax 01793 442002  
**APPLICATION FOR TELESCOPE TIME (OPTICAL AND INFRARED)**

PATT2  
Version 02/2013

1 TELESCOPE ( <i>AAT, UKST, WHT, INT or UKIRT</i> )		WHT	Reference:	Date stamp:
2 SEMESTER		2003B	3 SCIENTIFIC CATEGORY	5
4 COORDINATED PATT PROPOSALS		AAT: <input checked="" type="checkbox"/> UKST: <input type="checkbox"/> WHT: <input type="checkbox"/> INT: <input type="checkbox"/> UKIRT: <input type="checkbox"/> JCMT: <input type="checkbox"/> GEMINI: <input type="checkbox"/> LT: <input type="checkbox"/> MERLIN: <input type="checkbox"/>		
5 PRINCIPAL APPLICANT				
Surname:	Wogan		Title:	Mr
Post held:	Broadcaster		First name:	Chris
Address:	BBC Broadcasting House London W1A 4WW			
Telephone:	0123-456789		Fax:	0987-654321
E-mail:	tw@bbc.org		Is the applicant a possible observer?	Yes
6 COLLABORATORS				
Name:	Institute:		Observer?	
B. Walters	CBS		No	
7 SHORT TITLE OF PROPOSAL ( <i>maximum 12 words</i> )				
To show that the Hubble Constant is in fact 42				
8 SUMMARY OF PROPOSED OBSERVATIONS				
It is suggested that the answer to the Universe and Everything is, to within a jot or two, 42. By taking images with our 2-D colour gun we will verify this result.				
9 FOCAL STATION, INSTRUMENT AND DETECTOR				
Focal station:	Instrument:	Detector(s):	Gratings/Filters:	
GHRIL	Wogan gun	SITe	123R	
10 OBSERVING TIME REQUESTED THIS SEMESTER				
Time requested this semester	Dark:	6	Grey:	
Minimum useful allocation this semester	Dark:	6	Grey:	
			Bright:	
				specify nights <input type="text" value="N"/>
				or weeks: <input type="text"/>
<i>UKIRT applicants requiring dark time must justify this in section 18</i>				
11 COMPLETE THIS SECTION ONLY IF THIS IS A LONG TERM PROPOSAL				
Total time requested	Dark:		Grey:	
			Bright:	
				specify nights <input type="text"/>
				or weeks: <input type="text"/>
<i>Justification for long term status must be given in section 17</i>				

<b>12 SCHEDULING INFORMATION</b>					
Preferred dates:		October			
Impossible dates: <i>Give justification for impossible dates</i>		January			
If observations are to be simultaneous with other telescopes or satellites, give details:		RA's			
Any other scheduling constraints: <i>Include likely clashes with other time applications, constraints on lunar position or quarter, instrument preparation requirements, etc</i>		With the AAT			
		Must be dark			
<b>13 SERVICE OBSERVING</b>					
yes:		<input type="checkbox"/>	no:		<input checked="" type="checkbox"/>
			maybe:		<input type="checkbox"/>
<b>14 SUPPORT ASTRONOMER REQUESTED AT TELESCOPE</b>					
every night:		<input type="checkbox"/>	no:		<input type="checkbox"/>
			first night only:		<input checked="" type="checkbox"/>
<b>15 LIST OF PRINCIPAL TARGETS</b>					
Object(s):	RA(h,m):	Dec(degs):	Mag(type):	Colour:	Exp. Time:
Anon	12 23	+44 30	16.5	0.4	2 hrs
Anon2	15 23	+24 30	12.3	0.2	2 mins
Anon3	17 23	+44 30	16.5	0.4	2 hrs
Anon4	19 23	+24 30	12.3	0.2	2 mins
Anon5	21 23	+44 30	16.5	0.4	2 hrs
Anon6	23 23	+24 30	12.3	0.2	2 mins
Anon7	01 23	+44 30	16.5	0.4	2 hrs
Anon8	03 23	+24 30	12.3	0.2	2 mins
Anon9	05 23	+44 30	16.5	0.4	2 hrs
<b>16 LIST ALL SIMILAR/SUPPORTING APPLICATIONS TO ANY PATT OR OTHER TIME ASSIGNMENT COMMITTEE</b>					
<i>You must include a brief description of any other applications whose targets or science goals are similar to those requested here</i>					
Telescope/satellite:		Title/Description of programme:			
AAT VLT		The Hubble constant in the Southern Hemisphere The Hubble constant from interferometry			

## 17 SCIENTIFIC JUSTIFICATION

*Case not to exceed this A4 page. Figures and/or references can be included on page 4a*

There is very little that we need to do to justify this application as it has in fact been shown (*See Hitch Hikers Guide to the Galaxy*) that the answer to Life, The Universe and Everything is without doubt, 42. It might be worth while, however, to add a little observational confirmation to this if only to while away the long winter nights....

17 SCIENTIFIC JUSTIFICATION

*Continuation page for AAT, WHT and UKIRT proposals for 8 or more nights, and for all long-term and coordinated proposals*

...especially 8 or more nights on the AAT, WHT and UKIRT.

18 TECHNICAL INFORMATION (I)

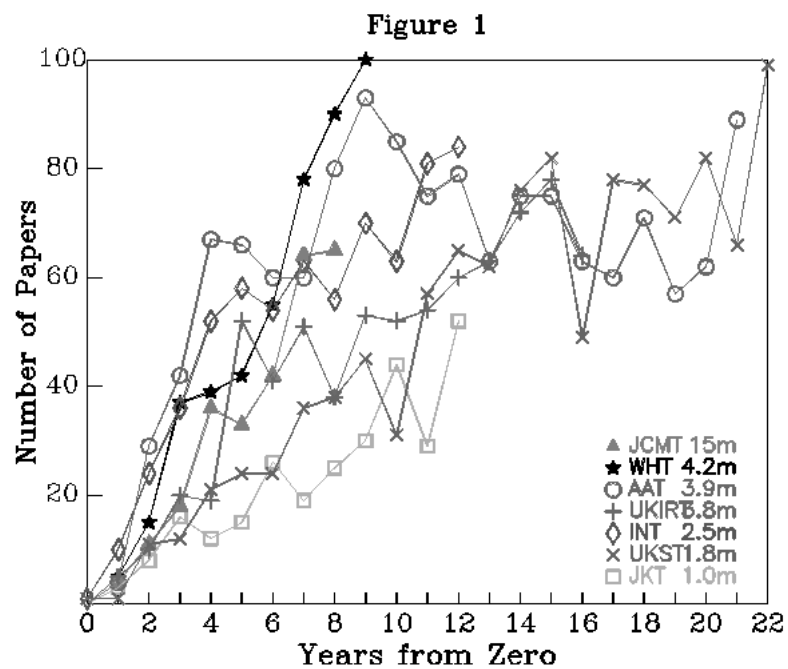
*Give details of the technical feasibility of the proposal (S/N,etc) AND any non-standard technical requirements*  
no problems!

*References and Figures*

Complete Works of Shakespeare, W.Shakespeare.

Hitchiker's Guide to the Galaxy, D.Adams.

Anon,B. MNRAS 1099, 567, 1999.



19 SUMMARY OF BACKUP PROGRAMME FOR POOR OBSERVING CONDITIONS <i>If instrumentation or setup differs from main programme, give full details</i>			
Observe brighter members of the sample...			
20 RELATED PATT APPLICATIONS OVER THE LAST FOUR SEMESTERS <i>(including unsuccessful applications)</i>			
PATT reference:	Award:	Clear nights:	Comments:
W/2003A/99	4Gn	4	sub-arcsecond seeing throughout
21 PUBLICATIONS BASED ON PATT TIME PUBLISHED DURING THE LAST FOUR SEMESTERS <i>(maximum 6)</i>			
none			
22 EXPERIENCE OF INTENDED OBSERVERS WHO HAVE NOT PREVIOUSLY USED THIS TELESCOPE			
none			
23 COMPLETE IF THE OBSERVATIONS ARE PRIMARILY FOR A STUDENT RESEARCH TRAINING PROGRAMME			
Name of student:	Fran Godfrey		
Project title:	Hubble		
24 COMPLETE IF THE OBSERVATIONS ARE ASSOCIATED WITH A CURRENT STFC RESEARCH GRANT			
Name of principal investigator:			
Grant title:			
Grant number:			
25 NON-STANDARD TRAVEL AND SUBSISTENCE REQUIREMENTS <i>(UK observers only)</i>			
Justify requests for travel and subsistence for more than one person:			
Wogan travels first class			
Details of any other expenditure (eg freight, remote observing):			
none			