

APPENDIX L

Tip Sheets for Design

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These Tip Sheets are designed to supplement the information found in the Design

Use the following listing to access the Tip Sheet you want.

Tip Sheet Number	Title
TIP-L.1	Calculation of Developmental Hours

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TIP – L.1: Calculation of Developmental Hours

Applicability

This worksheet can be used to provide a better estimate for the amount of time necessary for ONE developer to complete the work associated with Design and Development. You can find this worksheet at the TRACEN Petaluma Curriculum Development webpage (SOP Downloads):

http://cgweb.tcpet.uscg.mil/T_Div/CDT/default.asp

Instructional Development Hours Worksheet									
MA Code	Task Code	# Steps	Development Hours subtotal	Does Task include many abstract and/or technical terms? (Yes, No)	Estimated Development hours for the task:	Estimated Developmental Hours	S/K1, S/K2, S/K3		
A	1	5	48	yes	72	72	S/K2	S/K2=Job Aid with introductory training	
	2	5	48	yes	72	72	S/K1	S/K1=Job Aid with extensive training	
	3	5	48	yes	72	72	S/K3	S/K3=Job Aid with no additional training	
	4	9	48	no	48	48	S/K2		
B	1	7	48	no	48	48	S/K1		
	2	5	48	yes	72	72	S/K1		
C	1	6	48	yes	72	72	S/K1		
	2	8	48	no	48	48	S/K1		
	3	8	48	no	48	48	S/K1		
D	1	4	40	yes	60	60	S/K1		
	2	8	48	yes	72	72	S/K2		
Total:		11 Tasks			492	492	Development hours from scratch for all tasks		
						49.2	10% INCREASE for developing Integrated Performance Tests which are scenarios driven and validation of task list from FEA due to being over 18 months since completed		
						73.3	15% INCREASE for Validation of Existing FEA (due to data being 18 months old) and possible update to FEA results if not valid		
						615	Sub-total from above		
						0	No adjustment for potential reuse of any existing materials.		
						615	Total development hours		
						82	Approximate work-days		
						4 months	Approximate timeline for one developer		
Continuances:									
*AP/SME/Instructor availability due to Op Deepwater Horizon deployments									
*ISD Developer availability consecutive during timeline									
*Validity of task list and data from FEA									

NGPS Broadcast Maintenance

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