

## **APPENDIX A**

### **MEETING ANNOUNCEMENT AND AGENDA**

## **Inertial Fusion Energy Direct Drive Target Workshop**

A one day workshop will be held at GA on **Wednesday, September 15, 1999** to coordinate the effort on laser-driven fusion (direct drive) target fabrication and injection with the ongoing work in target and chamber design.

The objective of this workshop will be to identify the impact of target and chamber designs on fabrication and injection of targets (and vice-versa). The goal of this workshop is to initiate an on-going communication between those involved, and to move towards an optimized direct drive target design.

We plan to begin with brief presentations in the key areas in order to facilitate discussions. The main focus of the workshop will be an interaction between the areas of target design, target fabrication, target injection, and chamber design. Based on this focus, a list of suggested speakers - and requested attendees - is given below:

Target Design	Jill Dahlburg (Speaker)	NRL
	John Sethian	NRL
	John Gardner	NRL
Target Fabrication	Warren Steckle (Speaker)	LANL
	Art Nobile	LANL
	Lloyd Brown	GA
	Wayne Miller	GA
Target Layering	Don Bittner (Speaker)	Schafer
	Jim Sater	Schafer
Target Injection	Ron Petzoldt (Speaker)	UCB
	Dan Goodin	GA
Target Chamber	Bob Peterson (Speaker)	UW
	Gerry Kulcinski	UW
Plant Systems	(No Speaker)	
	Wayne Meier	LLNL
Safety and Environmental	(No Speaker)	
	Wayne Meier	LLNL

It is requested that each speaker prepare a brief presentation of their current design concepts and primary driving factors. The speakers are asked to present what experiments they believe should be done now, or in the near future, to address key issues in their area.

After the presentations we will begin discussions of the impact of the proposed concepts on the different task areas and try to establish alternatives and consistent scenarios. We will ask the speaker from each area to lead a discussion focusing on their requirements and the impact of changes in their area. We anticipate that the other participants will have plenty of questions about what can be changed.

At the end of the meeting we will develop a path forward to a practical, baseline concept with recommended experiments to address key issues. The need and timing of future workshops will also be discussed. GA will document what was presented and discussed (please bring a hard copy of your presentation and any other materials you would like distributed in the workshop minutes).

The agenda is shown below:

## **AGENDA**

### **IFE Direct Drive Target Workshop General Atomics Conference Room 07-120 San Diego, California September 15, 1999**

- |             |   |
|-------------|---|
| 0800 - 0815 | Coffee and Pastries   |
| 0815 - 0825 | Dan Goodin - Welcome and Logistics<br>John Sethian - Opening Remarks  |
| 0825 - 1030 | Introductory Presentations    Target Design<br>Target Fabrication<br>Target Layering<br>Target Injection/Tracking<br>Target Chamber |
| 1030 - 1200 | Discussions of impact of proposed designs on different task areas, led by each speaker (in same order as above).                    |
| 1200 - 1300 | Lunch (GA Cafeteria)  |
| 1300 - 1600 | Discussions, including proposed near-term experiments   |
| 1600 - 1700 | Path towards an optimized target design, future workshops, conclusions  |
| 1700        | Adjourn Workshop  |
| 1800 -      | Hosted Dinner at Chart House La Jolla   |