DIRECTORY CONTROLLER'S EXTENDED MESI PROTOCOL. TABLE I

			Put-Ack to req, sharers -= req	Put-Ack to req, sharers -= req	stall	
[write mem			Put-Ack to req, sharers - = req	Put-Ack to req, sharers -= req	stall	
		stall	Put-Ack to req, sharers -= req	Put-Ack to req, sharers -= req	stall	
		Fwd-GetM to owner, clear owner / MI ^D	write LLC, Put-Ack to req, if req is owner: - clear owner / V	Put-Ack to req	Fwd-GetM to owner, owner = req	ner,
		Fwd-GetM to owner, clear owner / EI ^D	write LLC, Put-Ack to req, if req is owner: - clear owner / V	Put-Ack to req, if req is owner: - clear owner / V	Fwd-GetM to owner, owner = req / M	ner,
		[write mem], Inval. to sharers, clear sharers / I	Put-Ack to req, sharers -= req / V (if last sharer)	Put-Ack to req, sharers -= req / V (if last sharer)	Data to req, Inval. to sharers, owner = req, clear sharers / M	
	Data to req write LLC	[write mem] / I	Put-Ack to req	Put-Ack to req	Data to req, owner = req / M	·b
	read mem, [read mem], Data to req write LLC, / V		Put-Ack to req	Put-Ack to req	read mem, Data to req, owner = req / M	,
R Inv-Ack	DMA REQUESTS Read Write	Evict	PutM	REQUESTS PutS	GetM	