begin P\_in arriving procedure

if load type = L\_a then //货物a到队列a中等待进入运动系统

begin

move into Q\_a

move into pm.cpin1

end

else //货物b到队列b中等待进入运动系统

begin

move into Q\_b

move into pm.cpin2

end

travel to pm.cpcheck

move into Q\_check //卸货，货物接受检查

use R\_check for uniform 60,10 sec

move into pm.cpcheck //检查完回到运动系统，由小车运送至出库队列

travel to pm.cpout //卸货

move into Q\_out //出库队列

wait for e 5 min

send to die //离开系统

end