PDDL Plan screenshots

ShipProbContact.pddl

```
step    0: MOVEDECK NAVIGATOR FLOOR1 FLOOR1 SHUTTLEBAY CARGOBAY
        1: MOVEFLOOR ENGINEER FLOOR3 FLOOR2 BRIDGE ENGINEERING
        2: MOVEFLOOR NAVIGATOR FLOOR1 FLOOR2 CARGOBAY SCIENCELAB
        3: MOVEFLOOR TRANSPORTERCHIEF FLOOR1 FLOOR2 SICKBAY ENGINEERING
        4: MOVEFLOOR SCIENTIST FLOOR3 FLOOR2 BRIDGE ENGINEERING
        5: MOVEDECK ENGINEER FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
        6: MOVEDECK NAVIGATOR FLOOR2 FLOOR2 SCIENCELAB BRIEFINGROOM
        7: MOVEDECK TRANSPORTERCHIEF FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
        8: MOVEDECK CAPTAIN FLOOR1 FLOOR1 CARGOBAY SHUTTLEBAY
        9: MOVEDECK DOCTOR FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
       10: MOVEFLOOR SCIENTIST FLOOR2 FLOOR1 ENGINEERING SICKBAY
       11: MOVEFLOOR DOCTOR FLOOR2 FLOOR1 ENGINEERING SICKBAY
       12: HEALPERSONNEL SCIENTIST
       13: MOVEFLOOR SCIENTIST FLOOR1 FLOOR2 SICKBAY ENGINEERING
       14: MOVEDECK SCIENTIST FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
       15: MOVEDECK DELIVERYMAN FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
       16: MOVEFLOOR DELIVERYMAN FLOOR2 FLOOR1 ENGINEERING SICKBAY
       17: HEALPERSONNEL DELIVERYMAN
       18: MOVEFLOOR DOCTOR FLOOR1 FLOOR2 SICKBAY ENGINEERING
       19: MOVEFLOOR DELIVERYMAN FLOOR1 FLOOR2 SICKBAY ENGINEERING
       20: MOVEDECK DOCTOR FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
       21: MOVEDECK DELIVERYMAN FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
       22: MOVEDECK CAPTAIN FLOOR1 FLOOR1 SHUTTLEBAY SICKBAY
       23: MOVEFLOOR CAPTAIN FLOOR1 FLOOR2 SICKBAY ENGINEERING
       24: MOVEDECK CAPTAIN FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
       25: MISSIONBRIEF
       26: MOVEDECK SECURITY FLOOR2 FLOOR2 BRIEFINGROOM SCIENCELAB
       27: MOVEDECK CAPTAIN FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
       28: MOVEDECK NAVIGATOR FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
       29: MOVEFLOOR CAPTAIN FLOOR2 FLOOR1 ENGINEERING SICKBAY
       30: MOVEFLOOR SECURITY FLOOR2 FLOOR1 SCIENCELAB CARGOBAY
       31: MOVEFLOOR NAVIGATOR FLOOR2 FLOOR3 ENGINEERING BRIDGE
       32: MOVEDECK SECURITY FLOOR1 FLOOR1 CARGOBAY SHUTTLEBAY
       33: MOVEFLOOR CAPTAIN FLOOR1 FLOOR3 SICKBAY BRIDGE
       34: MOVESHIPFROMEARTH ASTEROIDBELT MARS
       35: MOVEFLOOR CAPTAIN FLOOR3 FLOOR1 BRIDGE SICKBAY
       36: MOVEDECK CAPTAIN FLOOR1 FLOOR1 SICKBAY SHUTTLEBAY
       37: USEHUMANSHUTTLETOGROUND CAPTAIN MARS
       38: USEHUMANSHUTTLETOGROUND SECURITY MARS
       39: FIRSTCONTACTMISSION SECURITY MARS
       40: USEHUMANSHUTTLETOSHIP CAPTAIN MARS
       41: MOVEDECK CAPTAIN FLOOR1 FLOOR1 SHUTTLEBAY SICKBAY
       42: MOVEDECK ENGINEER FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
       43: MOVEFLOOR CAPTAIN FLOOR1 FLOOR3 SICKBAY BRIDGE
       44: FIXSHIP
       45: MOVESHIPBACKTOEARTH MARS CLEAR
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ShipProbDiscover.pddl

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step    0: MOVEDECK NAVIGATOR FLOOR1 FLOOR1 SHUTTLEBAY CARGOBAY
        1: MOVEFLOOR CAPTAIN FLOOR1 FLOOR2 CARGOBAY SCIENCELAB
        2: MOVEFLOOR ENGINEER FLOOR3 FLOOR2 BRIDGE ENGINEERING
        3: MOVEFLOOR NAVIGATOR FLOOR1 FLOOR2 CARGOBAY SCIENCELAB
        4: MOVEFLOOR TRANSPORTERCHIEF FLOOR1 FLOOR2 SICKBAY ENGINEERING
        5: MOVEFLOOR BOTMATT3000 FLOOR3 FLOOR1 TRANSPORTER CARGOBAY
        6: MOVEFLOOR SCIENTIST FLOOR3 FLOOR1 BRIDGE SICKBAY
        7: MOVEDECK CAPTAIN FLOOR2 FLOOR2 SCIENCELAB BRIEFINGROOM
        8: MOVEDECK ENGINEER FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
        9: MOVEDECK NAVIGATOR FLOOR2 FLOOR2 SCIENCELAB BRIEFINGROOM
       10: MOVEDECK TRANSPORTERCHIEF FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
       11: MOVEDECK DOCTOR FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
       12: MOVEFLOOR DOCTOR FLOOR2 FLOOR1 ENGINEERING SICKBAY
       13: HEALPERSONNEL SCIENTIST
       14: MOVEDECK DELIVERYMAN FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
       15: MOVEFLOOR DELIVERYMAN FLOOR2 FLOOR1 ENGINEERING SICKBAY
       16: HEALPERSONNEL DELIVERYMAN
       17: MOVEFLOOR DOCTOR FLOOR1 FLOOR2 SICKBAY ENGINEERING
       18: MOVEFLOOR DELIVERYMAN FLOOR1 FLOOR2 SICKBAY ENGINEERING
       19: MOVEDECK DOCTOR FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
       20: MOVEDECK DELIVERYMAN FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
       21: MOVEFLOOR SCIENTIST FLOOR1 FLOOR2 SICKBAY ENGINEERING
       22: MOVEDECK SCIENTIST FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
       23: MISSIONBRIEF
       24: MOVEDECK SCIENTIST FLOOR2 FLOOR2 BRIEFINGROOM SCIENCELAB
       25: MOVEDECK CAPTAIN FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
       26: MOVEDECK NAVIGATOR FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
       27: MOVEFLOOR SCIENTIST FLOOR2 FLOOR1 SCIENCELAB CARGOBAY
       28: MOVEDECK TRANSPORTERCHIEF FLOOR2 FLOOR2 BRIEFINGROOM SCIENCELAB
       29: MOVEFLOOR CAPTAIN FLOOR2 FLOOR3 ENGINEERING BRIDGE
       30: MOVEFLOOR NAVIGATOR FLOOR2 FLOOR3 ENGINEERING BRIDGE
       31: MOVEDECK SCIENTIST FLOOR1 FLOOR1 CARGOBAY SHUTTLEBAY
       32: MOVEFLOOR TRANSPORTERCHIEF FLOOR2 FLOOR3 SCIENCELAB TRANSPORTER
       33: MOVESHIPFROMEARTH ASTEROIDBELT MARS
       34: USEHUMANSHUTTLETOGROUND SCIENTIST MARS
       35: COLLECTPACKAGE MARS PLASMA
       36: MOVEHEAVYPACKAGETOSHUTTLEBAY ROVER
       37: MOVEDECK BOTMATT3000 FLOOR1 FLOOR1 SHUTTLEBAY CARGOBAY
       38: MOVEFLOOR BOTMATT3000 FLOOR1 FLOOR2 CARGOBAY SCIENCELAB
       39: RECHARGE
       40: MOVEFLOOR BOTMATT3000 FLOOR2 FLOOR1 SCIENCELAB CARGOBAY
       41: SHUTTLETAKEHEAVYPACKAGE ROVER MARS
       42: MOVEHEAVYPACKAGETOSHUTTLEBAY COMMUNICATIONTOWER
       43: SHUTTLETAKEHEAVYPACKAGE COMMUNICATIONTOWER MARS
       44: EXPLOREMISSION ROVER COMMUNICATIONTOWER MARS PLASMA
       45: MOVEDECK ENGINEER FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
       46: FIXSHIP
       47: MOVESHIPBACKTOEARTH MARS CLEAR
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ShipProbRelief.pddl

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step    0: MOVEDECK NAVIGATOR FLOOR1 FLOOR1 SHUTTLEBAY CARGOBAY
        1: MOVEDECK DOCTOR FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
        2: PICKUP RIGHT FLOOR1 INSULIN TRANSPORTERCHIEF SICKBAY
        3: MOVELIGHTPACKAGE RIGHT INSULIN TRANSPORTERCHIEF
        4: PUTDOWNINTRANSPORTER BRIDGE INSULIN TRANSPORTERCHIEF
        5: MOVEFLOOR CAPTAIN FLOOR1 FLOOR2 CARGOBAY SCIENCELAB
        6: MOVEFLOOR ENGINEER FLOOR3 FLOOR2 BRIDGE ENGINEERING
        7: MOVEFLOOR NAVIGATOR FLOOR1 FLOOR2 CARGOBAY SCIENCELAB
        8: MOVEFLOOR SCIENTIST FLOOR3 FLOOR2 BRIDGE ENGINEERING
        9: MOVEDECK CAPTAIN FLOOR2 FLOOR2 SCIENCELAB BRIEFINGROOM
       10: MOVEDECK ENGINEER FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
       11: MOVEDECK NAVIGATOR FLOOR2 FLOOR2 SCIENCELAB BRIEFINGROOM
       12: MOVEFLOOR TRANSPORTERCHIEF FLOOR3 FLOOR2 TRANSPORTER SCIENCELAB
       13: MOVELIGHTPACKAGE RIGHT INSULIN TRANSPORTERCHIEF
       14: MOVEDECK TRANSPORTERCHIEF FLOOR2 FLOOR2 SCIENCELAB BRIEFINGROOM
       15: MOVEFLOOR SCIENTIST FLOOR2 FLOOR1 ENGINEERING SICKBAY
       16: MOVEFLOOR DOCTOR FLOOR2 FLOOR1 ENGINEERING SICKBAY
       17: HEALPERSONNEL SCIENTIST
       18: MOVEFLOOR SCIENTIST FLOOR1 FLOOR2 SICKBAY ENGINEERING
       19: MOVEDECK SCIENTIST FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
       20: MOVEDECK DELIVERYMAN FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
       21: MOVEFLOOR DELIVERYMAN FLOOR2 FLOOR1 ENGINEERING SICKBAY
       22: HEALPERSONNEL DELIVERYMAN
       23: MOVEFLOOR DELIVERYMAN FLOOR1 FLOOR2 SICKBAY ENGINEERING
       24: MOVEDECK DELIVERYMAN FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
       25: MOVEFLOOR DOCTOR FLOOR1 FLOOR2 SICKBAY ENGINEERING
       26: MOVEDECK DOCTOR FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
       27: MISSIONBRIEF
       28: MOVEDECK CAPTAIN FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
       29: MOVEDECK NAVIGATOR FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
       30: MOVEDECK DOCTOR FLOOR2 FLOOR2 BRIEFINGROOM SCIENCELAB
       31: MOVEFLOOR CAPTAIN FLOOR2 FLOOR3 ENGINEERING BRIDGE
       32: MOVEFLOOR NAVIGATOR FLOOR2 FLOOR3 ENGINEERING BRIDGE
       33: MOVEFLOOR DOCTOR FLOOR2 FLOOR3 SCIENCELAB TRANSPORTER
       34: MOVESHIPFROMEARTH CLEAR URANUS
       35: TRANSPORTLIGHTPACKAGE INSULIN URANUS
       36: USETRANSPORTER DOCTOR URANUS
       37: RELIEFMISSION URANUS INSULIN
       38: MOVESHIPBACKTOEARTH URANUS CLEAR
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ShipBringPlasma.pddl

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step    0: MOVEDECK NAVIGATOR FLOOR1 FLOOR1 SHUTTLEBAY CARGOBAY
        1: MOVEFLOOR CAPTAIN FLOOR1 FLOOR2 CARGOBAY SCIENCELAB
        2: MOVEFLOOR ENGINEER FLOOR3 FLOOR2 BRIDGE ENGINEERING
        3: MOVEFLOOR NAVIGATOR FLOOR1 FLOOR2 CARGOBAY SCIENCELAB
        4: MOVEFLOOR TRANSPORTERCHIEF FLOOR1 FLOOR2 SICKBAY ENGINEERING
        5: MOVEFLOOR SCIENTIST FLOOR3 FLOOR2 BRIDGE ENGINEERING
        6: MOVEDECK CAPTAIN FLOOR2 FLOOR2 SCIENCELAB BRIEFINGROOM
        7: MOVEDECK ENGINEER FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
        8: MOVEDECK NAVIGATOR FLOOR2 FLOOR2 SCIENCELAB BRIEFINGROOM
        9: MOVEDECK TRANSPORTERCHIEF FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
       10: MOVEDECK DOCTOR FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
       11: MOVEFLOOR SCIENTIST FLOOR2 FLOOR1 ENGINEERING SICKBAY
       12: MOVEFLOOR DOCTOR FLOOR2 FLOOR1 ENGINEERING SICKBAY
       13: HEALPERSONNEL SCIENTIST
       14: MOVEFLOOR SCIENTIST FLOOR1 FLOOR2 SICKBAY ENGINEERING
       15: MOVEDECK SCIENTIST FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
       16: MOVEDECK DELIVERYMAN FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
       17: MOVEFLOOR DELIVERYMAN FLOOR2 FLOOR1 ENGINEERING SICKBAY
       18: HEALPERSONNEL DELIVERYMAN
       19: MOVEFLOOR DOCTOR FLOOR1 FLOOR2 SICKBAY ENGINEERING
       20: MOVEFLOOR DELIVERYMAN FLOOR1 FLOOR2 SICKBAY ENGINEERING
       21: MOVEDECK DOCTOR FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
       22: MOVEDECK DELIVERYMAN FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
       23: MISSIONBRIEF
       24: MOVEDECK CAPTAIN FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
       25: MOVEDECK NAVIGATOR FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
       26: MOVEDECK TRANSPORTERCHIEF FLOOR2 FLOOR2 BRIEFINGROOM SCIENCELAB
       27: MOVEFLOOR CAPTAIN FLOOR2 FLOOR3 ENGINEERING BRIDGE
       28: MOVEFLOOR NAVIGATOR FLOOR2 FLOOR3 ENGINEERING BRIDGE
       29: MOVEFLOOR TRANSPORTERCHIEF FLOOR2 FLOOR3 SCIENCELAB TRANSPORTER
       30: MOVESHIPFROMEARTH CLEAR VENUS
       31: COLLECTPACKAGE VENUS PLASMA
       32: MOVEFLOOR TRANSPORTERCHIEF FLOOR3 FLOOR2 TRANSPORTER SCIENCELAB
       33: MOVEDECK TRANSPORTERCHIEF FLOOR2 FLOOR2 SCIENCELAB BRIEFINGROOM
       34: MOVESHIPBACKTOEARTH VENUS CLEAR
       35: MOVEFLOOR CAPTAIN FLOOR3 FLOOR2 BRIDGE ENGINEERING
       36: MOVEFLOOR NAVIGATOR FLOOR3 FLOOR2 BRIDGE ENGINEERING
       37: MOVEDECK CAPTAIN FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
       38: MOVEDECK NAVIGATOR FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
       39: MISSIONBRIEF
       40: MOVEDECK CAPTAIN FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
       41: MOVEDECK NAVIGATOR FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
       42: MOVEDECK ENGINEER FLOOR2 FLOOR2 BRIEFINGROOM SCIENCELAB
       43: MOVEDECK TRANSPORTERCHIEF FLOOR2 FLOOR2 BRIEFINGROOM SCIENCELAB
       44: MOVEFLOOR CAPTAIN FLOOR2 FLOOR3 ENGINEERING BRIDGE
       45: MOVEFLOOR NAVIGATOR FLOOR2 FLOOR3 ENGINEERING BRIDGE
       46: MOVEFLOOR ENGINEER FLOOR2 FLOOR3 SCIENCELAB TRANSPORTER
       47: MOVEFLOOR TRANSPORTERCHIEF FLOOR2 FLOOR3 SCIENCELAB TRANSPORTER
       48: FIXTRANSPORTER
       49: MOVESHIPFROMEARTH ASTEROIDBELT MARS
       50: COLLECTPACKAGE MARS PLASMA
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ShipCaptainInjured.pddl

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step    0: MOVEDECK NAVIGATOR FLOOR1 FLOOR1 SHUTTLEBAY CARGOBAY
        1: MOVEDECK DOCTOR FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
        2: MOVEFLOOR ENGINEER FLOOR3 FLOOR2 BRIDGE ENGINEERING
        3: MOVEFLOOR NAVIGATOR FLOOR1 FLOOR2 CARGOBAY SCIENCELAB
        4: MOVEFLOOR TRANSPORTERCHIEF FLOOR1 FLOOR2 SICKBAY ENGINEERING
        5: MOVEFLOOR SCIENTIST FLOOR3 FLOOR2 BRIDGE ENGINEERING
        6: MOVEDECK NAVIGATOR FLOOR2 FLOOR2 SCIENCELAB BRIEFINGROOM
        7: MOVEDECK TRANSPORTERCHIEF FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
        8: MOVEDECK CAPTAIN FLOOR1 FLOOR1 CARGOBAY SHUTTLEBAY
        9: MOVEFLOOR SCIENTIST FLOOR2 FLOOR1 ENGINEERING SICKBAY
       10: MOVEFLOOR DOCTOR FLOOR2 FLOOR1 ENGINEERING SICKBAY
       11: HEALPERSONNEL SCIENTIST
       12: MOVEFLOOR SCIENTIST FLOOR1 FLOOR2 SICKBAY ENGINEERING
       13: MOVEDECK SCIENTIST FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
       14: MOVEDECK DELIVERYMAN FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
       15: MOVEFLOOR DELIVERYMAN FLOOR2 FLOOR1 ENGINEERING SICKBAY
       16: HEALPERSONNEL DELIVERYMAN
       17: MOVEFLOOR DELIVERYMAN FLOOR1 FLOOR2 SICKBAY ENGINEERING
       18: MOVEDECK DELIVERYMAN FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
       19: MOVEFLOOR DOCTOR FLOOR1 FLOOR2 SICKBAY ENGINEERING
       20: MOVEDECK CAPTAIN FLOOR1 FLOOR1 SHUTTLEBAY SICKBAY
       21: MOVEFLOOR CAPTAIN FLOOR1 FLOOR2 SICKBAY ENGINEERING
       22: MOVEDECK CAPTAIN FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
       23: MOVEDECK ENGINEER FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
       24: MOVEDECK DOCTOR FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
       25: MISSIONBRIEF
       26: MOVEDECK DOCTOR FLOOR2 FLOOR2 BRIEFINGROOM SCIENCELAB
       27: MOVEDECK ENGINEER FLOOR2 FLOOR2 BRIEFINGROOM SCIENCELAB
       28: MOVEDECK CAPTAIN FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
       29: MOVEDECK NAVIGATOR FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
       30: MOVEFLOOR DOCTOR FLOOR2 FLOOR1 SCIENCELAB CARGOBAY
       31: MOVEFLOOR CAPTAIN FLOOR2 FLOOR1 ENGINEERING SICKBAY
       32: MOVEFLOOR ENGINEER FLOOR2 FLOOR1 SCIENCELAB CARGOBAY
       33: MOVEFLOOR NAVIGATOR FLOOR2 FLOOR3 ENGINEERING BRIDGE
       34: MOVEDECK DOCTOR FLOOR1 FLOOR1 CARGOBAY SHUTTLEBAY
       35: MOVEDECK ENGINEER FLOOR1 FLOOR1 CARGOBAY SHUTTLEBAY
       36: MOVEFLOOR CAPTAIN FLOOR1 FLOOR3 SICKBAY BRIDGE
       37: MOVESHIPFROMEARTH CLEAR URANUS
       38: MOVEDECK DOCTOR FLOOR1 FLOOR1 SHUTTLEBAY SICKBAY
       39: MOVEFLOOR DOCTOR FLOOR1 FLOOR2 SICKBAY ENGINEERING
       40: MOVEDECK DOCTOR FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
       41: USEHUMANSHUTTLETOGROUND ENGINEER URANUS
       42: USEHUMANSHUTTLETOSHIP ENGINEER URANUS
       43: MOVEDECK ENGINEER FLOOR1 FLOOR1 SHUTTLEBAY CARGOBAY
       44: MOVEFLOOR ENGINEER FLOOR1 FLOOR2 CARGOBAY SCIENCELAB
       45: MOVEDECK ENGINEER FLOOR2 FLOOR2 SCIENCELAB BRIEFINGROOM
       46: MOVESHIPBACKTOEARTH URANUS CLEAR
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46: MOVESHIPBACKTOEARTH URANUS CLEAR
47: MOVEFLOOR CAPTAIN FLOOR3 FLOOR2 BRIDGE ENGINEERING
48: MOVEFLOOR NAVIGATOR FLOOR3 FLOOR2 BRIDGE ENGINEERING
49: MOVEDECK CAPTAIN FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
50: MOVEDECK NAVIGATOR FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
51: MISSIONBRIEF
52: MOVEDECK CAPTAIN FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
53: MOVEDECK NAVIGATOR FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
54: MOVEDECK TRANSPORTERCHIEF FLOOR2 FLOOR2 BRIEFINGROOM SCIENCELAB
55: MOVEDECK DOCTOR FLOOR2 FLOOR2 BRIEFINGROOM SCIENCELAB
56: MOVEFLOOR CAPTAIN FLOOR2 FLOOR3 ENGINEERING BRIDGE
57: MOVEFLOOR NAVIGATOR FLOOR2 FLOOR3 ENGINEERING BRIDGE
58: MOVEFLOOR DOCTOR FLOOR2 FLOOR3 SCIENCELAB TRANSPORTER
59: MOVEFLOOR TRANSPORTERCHIEF FLOOR2 FLOOR3 SCIENCELAB TRANSPORTER
60: MOVESHIPFROMEARTH CLEAR URANUS
61: MOVEFLOOR DOCTOR FLOOR3 FLOOR2 TRANSPORTER SCIENCELAB
62: MOVEDECK DOCTOR FLOOR2 FLOOR2 SCIENCELAB BRIEFINGROOM
63: MOVEDECK CAPTAIN FLOOR3 FLOOR3 BRIDGE TRANSPORTER
64: USETRANSPORTER CAPTAIN URANUS
65: BACKTOSHIP CAPTAIN URANUS
66: MOVEFLOOR TRANSPORTERCHIEF FLOOR3 FLOOR2 TRANSPORTER SCIENCELAB
67: MOVEDECK TRANSPORTERCHIEF FLOOR2 FLOOR2 SCIENCELAB BRIEFINGROOM
68: MOVEDECK CAPTAIN FLOOR3 FLOOR3 TRANSPORTER BRIDGE
69: FIRSTCONTACTMISSION ENGINEER URANUS
70: MOVESHIPBACKTOEARTH URANUS CLEAR
71: MOVEFLOOR CAPTAIN FLOOR3 FLOOR2 BRIDGE ENGINEERING
72: MOVEFLOOR NAVIGATOR FLOOR3 FLOOR2 BRIDGE ENGINEERING
73: MOVEDECK CAPTAIN FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
74: MOVEDECK NAVIGATOR FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
75: MISSIONBRIEF
76: MOVEDECK DOCTOR FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
77: MOVEDECK CAPTAIN FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
78: MOVEDECK NAVIGATOR FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
79: MOVEFLOOR DOCTOR FLOOR2 FLOOR1 ENGINEERING SICKBAY
80: MOVEFLOOR CAPTAIN FLOOR2 FLOOR1 ENGINEERING SICKBAY
81: MOVEFLOOR NAVIGATOR FLOOR2 FLOOR3 ENGINEERING BRIDGE
82: HEALPERSONNEL CAPTAIN
83: MOVEDECK DOCTOR FLOOR1 FLOOR1 SICKBAY SHUTTLEBAY
84: MOVEFLOOR CAPTAIN FLOOR1 FLOOR3 SICKBAY BRIDGE
85: MOVESHIPFROMEARTH ASTEROIDBELT MARS
86: MOVEFLOOR CAPTAIN FLOOR3 FLOOR1 BRIDGE SICKBAY
87: MOVEDECK CAPTAIN FLOOR1 FLOOR1 SICKBAY SHUTTLEBAY
88: USEHUMANSHUTTLETOGROUND CAPTAIN MARS
89: USEHUMANSHUTTLETOGROUND DOCTOR MARS
90: FIRSTCONTACTMISSION DOCTOR MARS
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ShipMultipleTravellers.pddl

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step    0: MOVEDECK NAVIGATOR FLOOR1 FLOOR1 SHUTTLEBAY CARGOBAY
        1: MOVEDECK DOCTOR FLOOR2 FLOOR2 BRIEFINGROOM SCIENCELAB
        2: MOVEFLOOR ENGINEER FLOOR3 FLOOR2 BRIDGE ENGINEERING
        3: MOVEFLOOR NAVIGATOR FLOOR1 FLOOR2 CARGOBAY SCIENCELAB
        4: MOVEFLOOR TRANSPORTERCHIEF FLOOR1 FLOOR2 SICKBAY ENGINEERING
        5: MOVEDECK ENGINEER FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
        6: MOVEDECK NAVIGATOR FLOOR2 FLOOR2 SCIENCELAB BRIEFINGROOM
        7: MOVEDECK TRANSPORTERCHIEF FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
        8: MOVEDECK CAPTAIN FLOOR1 FLOOR1 CARGOBAY SHUTTLEBAY
        9: MOVEFLOOR DOCTOR FLOOR2 FLOOR1 SCIENCELAB CARGOBAY
       10: MOVEFLOOR SCIENTIST FLOOR3 FLOOR1 BRIDGE SICKBAY
       11: MOVEDECK DOCTOR FLOOR1 FLOOR1 CARGOBAY SHUTTLEBAY
       12: MOVEDECK DOCTOR FLOOR1 FLOOR1 SHUTTLEBAY SICKBAY
       13: HEALPERSONNEL SCIENTIST
       14: MOVEDECK DELIVERYMAN FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
       15: MOVEFLOOR DELIVERYMAN FLOOR2 FLOOR1 ENGINEERING SICKBAY
       16: HEALPERSONNEL DELIVERYMAN
       17: MOVEFLOOR DELIVERYMAN FLOOR1 FLOOR2 SICKBAY ENGINEERING
       18: MOVEDECK DELIVERYMAN FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
       19: MOVEFLOOR DOCTOR FLOOR1 FLOOR2 SICKBAY ENGINEERING
       20: MOVEFLOOR SCIENTIST FLOOR1 FLOOR2 SICKBAY ENGINEERING
       21: MOVEDECK CAPTAIN FLOOR1 FLOOR1 SHUTTLEBAY SICKBAY
       22: MOVEFLOOR CAPTAIN FLOOR1 FLOOR2 SICKBAY ENGINEERING
       23: MOVEDECK CAPTAIN FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
       24: MOVEDECK DOCTOR FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
       25: MOVEDECK SCIENTIST FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
       26: MISSIONBRIEF
       27: MOVEDECK DOCTOR FLOOR2 FLOOR2 BRIEFINGROOM SCIENCELAB
       28: MOVEDECK SCIENTIST FLOOR2 FLOOR2 BRIEFINGROOM SCIENCELAB
       29: MOVEDECK NAVIGATOR FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
       30: MOVEDECK CAPTAIN FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
       31: MOVEFLOOR DOCTOR FLOOR2 FLOOR1 SCIENCELAB CARGOBAY
       32: MOVEFLOOR SCIENTIST FLOOR2 FLOOR1 SCIENCELAB CARGOBAY
       33: MOVEFLOOR CAPTAIN FLOOR2 FLOOR3 ENGINEERING BRIDGE
       34: MOVEFLOOR NAVIGATOR FLOOR2 FLOOR3 ENGINEERING BRIDGE
       35: MOVEDECK DOCTOR FLOOR1 FLOOR1 CARGOBAY SHUTTLEBAY
       36: MOVEDECK SCIENTIST FLOOR1 FLOOR1 CARGOBAY SHUTTLEBAY
       37: MOVESHIPFROMEARTH CLEAR VENUS
       38: MOVEDECK SCIENTIST FLOOR1 FLOOR1 SHUTTLEBAY CARGOBAY
       39: MOVEFLOOR SCIENTIST FLOOR1 FLOOR2 CARGOBAY SCIENCELAB
       40: MOVEDECK SCIENTIST FLOOR2 FLOOR2 SCIENCELAB BRIEFINGROOM
       41: USEHUMANSHUTTLETOGROUND DOCTOR VENUS
       42: USEHUMANSHUTTLETOSHIP DOCTOR VENUS
       43: MOVEDECK DOCTOR FLOOR1 FLOOR1 SHUTTLEBAY SICKBAY
       44: MOVEFLOOR DOCTOR FLOOR1 FLOOR2 SICKBAY ENGINEERING
       45: MOVEDECK DOCTOR FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
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45: MOVEDECK DOCTOR FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
46: MOVESHIPBACKTOEARTH VENUS CLEAR
47: MOVEFLOOR CAPTAIN FLOOR3 FLOOR2 BRIDGE ENGINEERING
48: MOVEFLOOR NAVIGATOR FLOOR3 FLOOR2 BRIDGE ENGINEERING
49: MOVEDECK CAPTAIN FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
50: MOVEDECK NAVIGATOR FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
51: MISSIONBRIEF
52: MOVEDECK SCIENTIST FLOOR2 FLOOR2 BRIEFINGROOM SCIENCELAB
53: MOVEDECK NAVIGATOR FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
54: MOVEDECK CAPTAIN FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
55: MOVEFLOOR SCIENTIST FLOOR2 FLOOR1 SCIENCELAB CARGOBAY
56: MOVEFLOOR CAPTAIN FLOOR2 FLOOR3 ENGINEERING BRIDGE
57: MOVEFLOOR NAVIGATOR FLOOR2 FLOOR3 ENGINEERING BRIDGE
58: MOVEDECK SCIENTIST FLOOR1 FLOOR1 CARGOBAY SHUTTLEBAY
59: MOVESHIPFROMEARTH ASTEROIDBELT JUPITER
60: MOVEDECK ENGINEER FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
61: FIXSHIP
62: MOVEDECK ENGINEER FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
63: USEHUMANSHUTTLETOGROUND SCIENTIST JUPITER
64: USEHUMANSHUTTLETOSHIP SCIENTIST JUPITER
65: MOVEDECK SCIENTIST FLOOR1 FLOOR1 SHUTTLEBAY CARGOBAY
66: MOVEFLOOR SCIENTIST FLOOR1 FLOOR2 CARGOBAY SCIENCELAB
67: MOVEDECK SCIENTIST FLOOR2 FLOOR2 SCIENCELAB BRIEFINGROOM
68: MOVESHIPBACKTOEARTH JUPITER CLEAR
69: MOVEFLOOR CAPTAIN FLOOR3 FLOOR2 BRIDGE ENGINEERING
70: MOVEFLOOR NAVIGATOR FLOOR3 FLOOR2 BRIDGE ENGINEERING
71: MOVEDECK CAPTAIN FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
72: MOVEDECK NAVIGATOR FLOOR2 FLOOR2 ENGINEERING BRIEFINGROOM
73: MISSIONBRIEF
74: MOVEDECK NAVIGATOR FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
75: MOVEDECK CAPTAIN FLOOR2 FLOOR2 BRIEFINGROOM ENGINEERING
76: MOVEFLOOR CAPTAIN FLOOR2 FLOOR3 ENGINEERING BRIDGE
77: MOVEFLOOR NAVIGATOR FLOOR2 FLOOR3 ENGINEERING BRIDGE
78: MOVESHIPFROMEARTH ASTEROIDBELT MARS
79: MOVEFLOOR CAPTAIN FLOOR3 FLOOR1 BRIDGE SICKBAY
80: MOVEDECK CAPTAIN FLOOR1 FLOOR1 SICKBAY SHUTTLEBAY
81: USEHUMANSHUTTLETOGROUND CAPTAIN MARS
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