

A
lo-
cal
search
al-
go-
rithm
for
the
stowage
plan-
ning
prob-
lem
for
pure
car
car-
rier
ships

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Abstract
We

con-
sider
the
cargo
load-
ing
of
a
car
car-
rier
ship,
for
which
cars
are
loaded
and
un-
loaded
at
sev-
eral
ports.
Two
kinds
of
op-
er-
a-
tions
called
“stowage
plan-
ning”
and
“sim-
u-
la-
tion”
are
car-
ried
out
af-