

Crociere

Gruppo 50

1. $\forall c \exists n \text{ Crociera}(c) \wedge \text{Nave}(n) \rightarrow \text{utilizza}(c, n)$
2. $\forall c \exists i \text{ Crociera}(c) \wedge \text{Itinerario}(i) \rightarrow \text{segue}(c, i)$
3. $\forall i', i'', n', n'' \text{ Itinerario}(i') \wedge \text{Itinerario}(i'') \wedge \text{nome}(i', n') \wedge \text{nome}(i'', n'') \wedge i' \neq i'' \rightarrow n' \neq n''$
4. $\forall c \exists d \text{ Crociera}(c) \wedge \text{Destinazione}(d) \rightarrow \text{tocca}(c, d)$
5. (a) $\forall c \text{ Crociera}(c) ((\exists c' \text{ Croc_ldm}(c') \wedge c = c') \vee (\exists c'' \text{ Croc_pf}(c'') \wedge c = c''))$
(b) \wedge
(c) $\forall c, c', c'' \text{ Crociera}(c) \wedge \text{Croc_ldm}(c') \wedge \text{Croc_pf}(c'') ((c = c' \rightarrow c \neq c'') \wedge (c = c'' \rightarrow c \neq c'))$